

STATEMENT OF EXPENDITURES  
OF THE  
DEPARTMENT OF AGRICULTURE  
FOR THE FISCAL YEAR  
ENDED JUNE 30  
1907

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Prepared under the direction of the Secretary of Agriculture  
by A. ZAPPONE, Chief of the Division of Accounts  
and Disbursements

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PRESENTED BY MR. HEYBURN  
APRIL 7, 1908—Ordered to be printed

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WASHINGTON  
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1908

DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
*Washington, D. C., April 8, 1908.*

SIR: As required by act of March 3, 1885 (Stat. L. 23, 356), I have the honor to transmit herewith a detailed statement of the expenditures of the Department of Agriculture for the fiscal year ended June 30, 1907.

Very respectfully,

JAMES WILSON,  
*Secretary.*

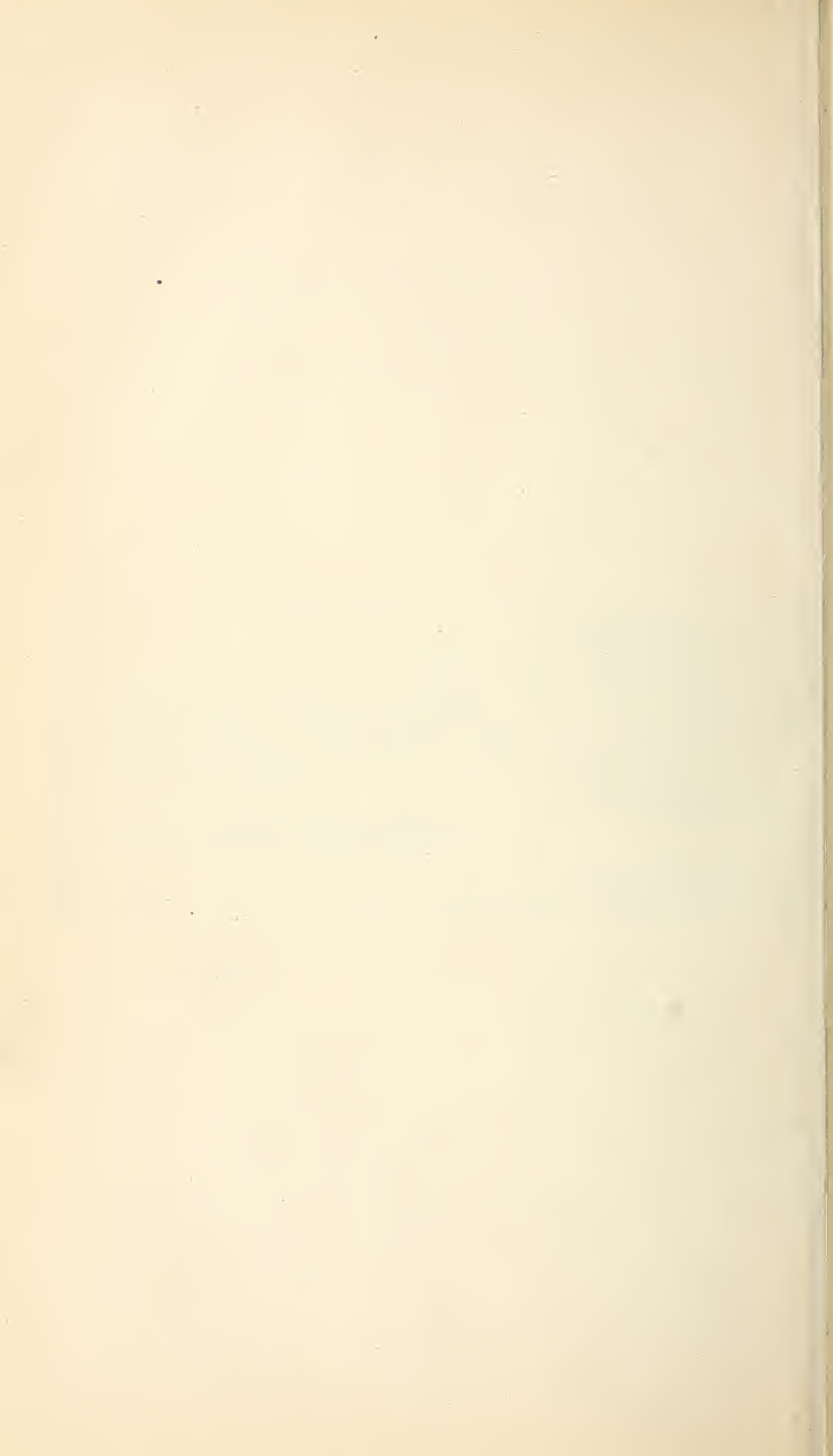
To the PRESIDENT OF THE SENATE.



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# EXPENDITURES OF DEPARTMENT OF AGRICULTURE.

## OFFICE OF THE SECRETARY.

*Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Office of the Secretary, 1907, \$114,500" (including \$1,300 appropriated for increase of salary of Secretary of Agriculture).*

### STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Wilson, James.....	Secretary of Agriculture, at \$8,000 and \$12,000..	\$9,300.00	\$518.90
Hays, W. M.....	Assistant Secretary of Agriculture, at \$4,500...	4,500.00	601.84
Burch, S. R.....	Chief clerk, at \$2,500.....	2,500.00	243.97
McCabe, Geo. P.....	Solicitor, at \$3,000.....	3,000.00	588.39
Wilson, Jasper.....	Private secretary, at \$2,500.....	2,500.00	.....
Reese, R. M.....	Stenographer and executive clerk, at \$2,000.....	2,000.00	.....
Price, H. N.....	Stenographer, at \$1,400.....	1,197.77	.....
Mowry, H. H.....	Private secretary to Assistant Secretary, at \$1,600.	1,600.00	114.05
Bennett, J. B.....	Appointment clerk, at \$2,000.....	2,000.00	.....
Lower, C. B.....	Chief Supply Division, at \$2,000.....	2,000.00	.....
Guthridge, A. G.....	Telegraph and telephone operator, at \$1,400.....	1,400.00	.....
Daly, H. J.....	Telegraph and telephone operator, at \$1,200.....	1,200.00	.....
Ashley, Alex. McC.....	Inspector, at \$2,000.....	1,166.67	362.73
Roberts, R. W.....	Clerk, class 4.....	1,800.00	.....
Frickey, Irving.....	Clerk, class 3.....	1,600.00	.....
Pennybacker, I. S.....	do.....	1,600.00	.....
Wyatt, W. C.....	do.....	1,600.00	.....
Burr, M. Helen.....	Clerk, class 2.....	1,400.00	.....
Forbes, Elmer E.....	do.....	1,365.01	.....
Moore, S. O.....	do.....	1,400.00	.....
Browning, Andrew J.....	Clerk, class 1.....	400.00	.....
Fegan, H. J.....	do.....	800.00	.....
Clark, C. B.....	do.....	1,200.00	.....
Gates, Otis H.....	do.....	560.00	.....
Haley, Joseph.....	do.....	400.00	.....
Mulligan, L. M.....	do.....	230.00	.....
Hiatt, Frank H.....	do.....	1,083.33	.....
Magee, R. W.....	do.....	116.67	.....
Moore, Felix T.....	do.....	533.33	.....
Walters, H. H.....	do.....	666.67	.....
Ray, Thomas J.....	do.....	1,200.00	.....
Wilhite, C. O.....	do.....	1,200.00	.....
Griffith, Thos. E.....	Clerk, at \$1,000.....	474.99	.....
Hines, Paul A.....	do.....	525.00	.....
Quinn, Peter H.....	do.....	972.23	.....
Breedin, Louise.....	Clerk, at \$900.....	900.00	.....
Timberlake, W. F.....	Clerk, at \$840.....	840.00	.....
Bingham, Harry.....	Clerk, at \$720.....	298.00	.....
Gladmon, Percy L.....	do.....	298.00	.....
Wasner, W. H.....	do.....	22.00	.....
Gaskins, John H.....	do.....	720.00	.....
Hager, Peter.....	do.....	720.00	.....
Hines, Paul A.....	do.....	342.00	.....
Olcott, Ella M.....	do.....	238.00	.....
Smith, Florence P.....	do.....	138.00	.....
Mulholland, M. B.....	do.....	170.00	.....
Patterson, M. W.....	do.....	520.00	.....
Polton, Emma R.....	do.....	720.00	.....
Jones, Lewis.....	Chief engineer, at \$1,600.....	1,600.00	.....
McGregor, John M.....	Fireman, at \$900.....	337.50	.....
Riggles, Thos.....	do.....	562.50	.....
Crompton Harry.....	Assistant fireman, at \$720.....	180.00	.....
Haley, Geo. W.....	do.....	60.00	.....
McGregor, John M.....	do.....	260.00	.....
Sprague, Frank.....	do.....	130.00	.....
Weidman, Chas. S.....	do.....	74.00	.....

## OFFICE OF THE SECRETARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Office of the Secretary, 1907, \$114,500," etc.—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Dahler, A. L.	Assistant fireman, at \$720.	\$720.00	
Hall, George I.	do.	720.00	
Ross, W. H.	Assistant fireman, at \$600.	75.00	
Sprague, Frank	do.	491.67	
Halley, James	Carpenter, at \$1,000	1,000.00	
Augusterfer, Raymond	Electrician, at \$1,000	816.67	
Hollidge, E. M.	do.	183.33	
Carter, George A.	Painter, at \$900.	900.00	
Harvey, Chas. D.	Plumber, at \$900	900.00	\$17.85
Fauroat, Wm. B.	Blacksmith, at \$840	245.00	
Weidman, Chas. S.	do.	595.00	
Arnold, Richard H.	Watchman, at \$720.	720.00	
Bean, Clarence.	do.	696.00	
Boardman, J. M.	do.	720.00	
Byrnes, D. J.	do.	720.00	
Croghan, C. J.	do.	720.00	
Fairfax, Thad.	do.	720.00	
Gordon, James H.	do.	540.00	
Moore, E. U.	do.	180.00	
Kirksey, Wm.	do.	58.00	
Rozzelle, K. K.	do.	420.00	
Talbot, Wm. N.	do.	178.00	
Tavener, Philip R.	do.	28.00	
Kite, Asa H.	do.	720.00	
Moor, Wm. H.	do.	720.00	
Morton, Emory C.	do.	720.00	
Mott, H. S.	do.	720.00	
Ridgeway, B. T.	do.	720.00	
Rutledge, Thomas	do.	708.00	
Ryon, M. F.	do.	720.00	
Kendrick, H. M.	Mechanic, at \$1,100.	1,100.00	
Brooks, A. H.	Messenger, at \$840.	840.00	
Cooke, R. H.	do.	840.00	
Hodges, A. J.	do.	350.00	
Phipps, Wm. H.	do.	490.00	
Knott, Laura R.	do.	840.00	
Mason, J. A.	do.	840.00	
Williams, Jos.	do.	840.00	
Winfield, A. M.	do.	840.00	
Hawkins, Alfred	Assistant messenger, at \$720	720.00	
<i>Laborers and charwomen.</i>			
Harrison, Floyd R.	Assistant messenger, at \$720	342.00	
Ray, George E.	do.	92.00	
Sherfy, Raphael.	do.	16.00	
Wasner, Wendell H.	do.	228.00	
Lewis, Lula	Skilled laborer, at \$840	840.00	
Richards, Wm. H.	Skilled laborer, at \$720.	720.00	
Gran, E. G.	Skilled laborer, at \$660	647.17	
Carter, W. H.	Skilled laborer, at \$600	75.00	
Hopkins, Elias	do.	300.00	
O'Neill, John J.	do.	185.00	
Ross, Wm. H.	do.	40.00	
Gordon, James H.	do.	150.00	
Kirksey, Wm.	do.	376.67	
Rapier, J. H.	do.	600.00	
Carter, W. H.	Skilled laborer, at \$480.	254.67	
Kirksey, Wm.	do.	140.00	
Groesbeck, Danl. V. H.	Assistant messenger, at \$600.	115.00	
Kelleher, John C.	do.	50.00	
Ross, Wm. Henry	do.	56.67	
Talbot, Wm. N.	do.	350.00	
Mull, Robert B.	do.	550.00	
Williams, F. S.	do.	15.00	
Smith, C. L.	do.	550.00	
Bechtold, John M.	Assistant messenger, at \$480.	216.00	
Bennett, Alden L.	do.	17.33	
Hall, C. L.	do.	53.33	
Harrison, Floyd R.	do.	172.00	
Joyce, John V.	Laborer, at \$600.	600.00	
Phillips, O. A.	Painter, at \$720.	688.00	
Barrett, Martha	Laborer, at \$480.	480.00	

## OFFICE OF THE SECRETARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Office of the Secretary, 1907, \$114,500," etc.—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Laborers and charwomen—</i>			
<i>Continued.</i>			
Cook, Ida A.	Laborer, at \$480	\$480.00	
Craig, A. M.	do.	50.67	
De Atley, Phoebe.	do.	246.67	
Franklin, Julia R.	do.	80.00	
O'Rourke, Estelle L.	do.	40.00	
Schwier, Julia R.	do.	40.00	
Lewis, Elizabeth A.	do.	50.67	
Marshall, Lulu.	do.	429.33	
Martin, Mary E.	do.	480.00	
Meek, Belle.	do.	480.00	
Mozee, Willena.	do.	480.00	
Perkins, Virginia.	do.	480.00	
Stokes, Helen.	do.	480.00	
Syphax, C.	do.	480.00	
Truxall, J. M.	do.	480.00	
Boss, Martha.	Charwoman, at \$540.	540.00	
Beach, Freddie (Mrs.)	Charwoman, at \$240.	81.33	
Schwier, Julia R.	do.	5.33	
White, Mary T.	do.	150.00	
De Atley, Phoebe.	do.	26.00	
Johnson, Mary.	do.	190.67	
Fleming, Elizabeth.	do.	66.67	
Kelly, Mary.	do.	65.33	
Marshall, Lulu.	do.	25.33	
Sullivan, Rosie C.	do.	20.00	
Jones, Hortensia.	do.	240.00	
Loftin, Ella.	do.	240.00	
<i>Extra laborers, emergency</i>			
<i>employments, and pay of</i>			
<i>rents, \$7,600.</i>			
Brooks, Charles.	Laborer, at \$1.50 per diem.	474.00	
Burton, John.	do.	458.25	
Fitzhugh, Wm. H.	do.	24.00	
Wentworth, S. S.	do.	102.75	
Madigan, Thomas.	Laborer, at \$50 per month.	305.00	
Rouser, Chas. E.	Laborer, at \$600	600.00	
Wentworth, S. S.	Skilled laborer, at \$50 per month.	138.84	
Skidmore, Jared F.	Skilled laborer, at \$720 and \$840.	802.67	
Wood, Henry S.	Painter, at \$3.50 per diem.	94.50	
Neilson, C. W. C.	Carpenter, at \$3.50 per diem.	143.50	
Cratty, James A.	Plumber, at \$4 per diem.	176.00	
Williams, Chas. T.	do.	20.00	
Hofmann, John.	Plumber helper, at \$50 per month.	100.00	
Lloyd, John H.	Electric wireman, at \$3.50 per diem.	266.00	
Carberry, Thos. F.	Electric wireman, at \$3 per diem.	72.00	
Bashford, Edward J.	Electric lineman, at \$3 per diem.	9.00	
Heron, L. M.	Electrician, at \$3 per diem.	108.00	
Barghausen, John F.	Cabinetmaker, at \$3.50 per diem and \$1,100 per annum.	1,078.00	
Brown, Julia.	Charwoman, at \$240.	20.00	
Higgins, Georgiana.	do.	20.00	
Dewey, Fida S.	Charwoman, at \$480.	40.00	
Hammond, Sadie.	do.	42.66	
North, Nannie.	do.	40.00	
Jones, Charles.	Messenger, at \$480.	201.33	
Morgan, R. H.	do.	60.00	
Smith, Florence P.	Library clerk, at \$720.	102.00	
Hollingshead, J. S.	Clerk, at \$900.	30.00	
Martin, Fred R.	do.	15.00	
Fowle, E. D. M.	Clerk, at \$1,000.	347.23	
Gates, Otis H.	Clerk, at \$1,200.	240.00	
Total.		111,176.91	
Johnson & Son, J. Harrison.	Rent.	300.00	
Total amount of appropriation, including \$1,300 appropriated for increase of salary of Secretary of Agriculture.		\$114,500.00	
Total expenditures under above groups.		111,476.91	
Unexpended balance.			3,023.09



## EXPENDITURES OF DEPARTMENT OF AGRICULTURE.

## WEATHER BUREAU.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Office of Chief of Weather Bureau, 1907, \$194,690."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Moore, Willis L.	Chief of Bureau, at \$5,000.	\$5,000.00	\$122.22
Williams, H. E.	Assistant Chief of Bureau, at \$3,000.	3,000.00	
Carroll, D. J.	Chief clerk, at \$2,250.	2,250.00	
Cleaver, F. M.	Chief of division, at \$2,000.	2,000.00	
Church, Jno. P.	do.	2,000.00	
Page, James.	do.	2,000.00	17.40
Robinson, J. H.	do.	2,000.00	152.66
Kimball, H. H.	Librarian and climatologist, at \$2,000.	2,000.00	37.85
Gillam, Frank.	Clerk, class 4.	1,800.00	
Heiskell, H. L.	do.	1,795.00	
Hunt, George E.	do.	1,800.00	
Jones, J. H.	do.	1,800.00	
Maring, D. T.	do.	1,800.00	
Seyboth, Robert.	do.	1,800.00	
Ashton, John C.	Clerk, class 3.	1,548.89	
Bennett, M. C.	do.	911.11	
Pennywitt, Henry.	do.	688.88	
Day, P. C.	do.	1,600.00	
Pugh, T. O.	do.	1,600.00	
Smith, G. W.	do.	1,600.00	
Stewart, Jno. C.	do.	1,600.00	
Beall, S. W.	Clerk, class 2.	1,400.00	
Bennett, M. C.	do.	602.77	
Donaldson, Wm. E.	do.	225.55	
Talman, Chas. F.	do.	571.67	
Berry, Wm.	do.	1,400.00	
Beuter, Sophia A.	do.	1,400.00	
Blundon, Benj. A.	do.	1,400.00	
Donaldson, Wm. E.	do.	260.56	
Goucher, Henry.	do.	350.00	
Penrod, Hiram J.	do.	789.44	
Easton, Edward C.	do.	1,400.00	
Foy, J. T.	do.	1,400.00	
Goucher, Henry.	do.	781.67	
Talman, Chas. F.	do.	614.44	
Holmes, Charles.	do.	1,400.00	
Husson, Wm. M.	do.	1,400.00	
Johnson, Enoch G.	do.	1,400.00	
Kinnear, A. H.	do.	1,400.00	
Moore, Theo. T.	do.	1,400.00	
Porter, W. D.	do.	1,400.00	
Potter, S. A.	do.	1,400.00	
Smith, H. W.	do.	1,400.00	
Ashton, Clinton J.	Clerk, class 1.	1,200.00	
Bigham, C. Grant.	do.	1,200.00	
Chapman, Mattie H.	do.	1,200.00	
Cleveland, Luman M.	do.	223.33	
Dodge, Chas. R.	do.	40.00	
Donaldson, Wm. E.	do.	266.67	
Gregory, Samuel B.	do.	611.66	
Clough, Homer W.	do.	400.00	
Stetson, Frank O.	do.	766.67	
Cook, Jas. R.	do.	1,196.67	
Cooke, Henry C.	do.	683.33	41.00
Donaldson, Wm. E.	do.	516.67	
Cooper, Claude C.	do.	1,200.00	
Crawford, Thomas.	do.	1,200.00	
Edwards, Rowena A.	do.	180.00	
Goucher, Henry.	do.	230.00	
Monday, E. W.	do.	100.00	
Murdoch, Lester H.	do.	200.00	
Wilson, Jos. B.	do.	440.00	
Fry, Jno. C.	do.	1,200.00	
Gardiner, I. Gwynn.	do.	1,200.00	
Hesse, Conrad E.	do.	1,200.00	
Hobbs, Hermann E.	do.	1,200.00	4.55
Marean, D.	do.	1,200.00	
Martin, Margaret.	do.	80.00	
Whiteside, J. L.	do.	1,116.67	
Mattison, E. M.	do.	1,200.00	
Melton, J. H.	do.	1,200.00	
Meston, R. D.	do.	1,200.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Office of Chief of Weather Bureau, 1907, \$194,690"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Minnich, S. Percy	Clerk, class 1	\$1,200.00	
Monroe, Joseph U.	do.	1,200.00	
Parker, William N.	do.	1,200.00	
Taylor, Charles W.	do.	1,200.00	
Thompson, Arthur	do.	1,200.00	
Tingley, Franklin G.	do.	1,200.00	
Volker, Hermann	do.	1,200.00	
Amer, Harry L.	Clerk, at \$1,000.	666.67	
Henke, Fred M.	do.	250.00	
Cleveland, Luman M.	do.	813.89	
Rausch, Gustav E.	do.	186.11	
Cooke, Henry C.	do.	430.55	
Magrum, Albert F.	do.	569.44	
Diehl, Geneva B.	do.	1,000.00	
Dugan, Henry P.	do.	500.00	
Luckett, Thos. I.	do.	169.44	
Mize, Ralph C.	do.	330.56	
Edwards, Rowena A.	do.	850.00	
Gay, Ernest L.	do.	149.99	
Emery, Frank D.	do.	291.67	
Sartz, Richard S. N.	do.	75.00	
Wilson, Jos. B.	do.	633.33	
Graf, Fred M.	do.	1,000.00	
Hawkins, Laura F.	do.	1,000.00	
Hercus, Alice T.	do.	1,000.00	
Hunter, Herbert C.	do.	1,000.00	
Kadel, Benjamin C.	do.	1,000.00	\$35.12
Lazenby, Richard O.	do.	1,000.00	
Merrill, Herbert C.	do.	1,000.00	
Miller, Robert L.	do.	1,000.00	
Rohrer, Charles W.	do.	1,000.00	
Weightman, R. Hanson	do.	1,000.00	
Calvert, Samuel C.	Clerk, at \$900.	900.00	
Dome, Charles E.	do.	900.00	
Emery, Frank D.	do.	637.50	
Stone, Jesse R.	do.	262.50	9.25
Hotze, Ruby S.	do.	900.00	
Long, Mary	do.	472.50	
Magrum, Albert F.	do.	387.50	
Watters, William H.	do.	2.50	
Mills, Chester L.	do.	730.00	12.08
Schwickardi, R. B.	do.	167.50	
Rausch, Gustav E.	do.	162.50	
Sartz, Richard S. N.	do.	570.00	
Tracy, Anson R.	do.	167.50	
Williamson, R. M.	do.	900.00	
Barger, Gervase J. P.	Copyist, at \$840.	448.00	
Jones, James	do.	91.00	
Watters, William H.	do.	270.67	
Young, Mary E.	do.	28.00	
Cogswell, Daniel B.	do.	156.33	
Tracy, Anson R.	do.	683.67	
Johnson, Edward H.	do.	245.00	
Stone, Jesse R.	do.	595.00	
Long, Mary	do.	399.00	
Penniman, Bertha M.	do.	21.00	
Schwickardi, R. B.	do.	42.00	
Wiest, Edward S.	do.	310.33	
Peticolas, Virginia M.	Copyist, at \$720.	716.00	
King, Thomas H.	Assistant foreman of division, at \$1,600	1,600.00	18.45
Larcombe, B. F.	do.	1,600.00	19.10
Winters, L.	Proof reader, at \$1,400.	1,400.00	
Tuch, C. B.	Chief mechanic, at \$1,400.	1,092.77	
Martin, Julius J.	do.	305.33	
Long, Samuel C.	Lithographer, at \$1,300	1,300.00	
Barrett, M. F.	Compositor, at \$1,250.	48.61	
Estes, S. B.	do.	1,090.28	
Hannah, Monroe	do.	3.47	
Sullivan, D. P.	do.	55.55	
Buhrman, Oscar H.	do.	1,250.00	
Burnes, Charles T.	do.	1,250.00	
Cooper, Robert S.	do.	1,250.00	
Emmons, Lucius H.	do.	1,244.80	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Office of Chief of Weather Bureau, 1907, \$194,690"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Farrington, W. H.	Compositor, at \$1,250.	\$1,250.00	
Green, Wm. B.	do	1,250.00	
McCallum, Daniel	do	1,250.00	
Sink, Herbert O.	do	520.83	
Stewart, William A.	do	711.81	
Von Ostermann, Geo. F.	do	1,250.00	
Ackerman, Abram A.	Pressman, at \$1,250.	1,097.25	
Shanklin, Edward M.	do	48.61	
Thornton, Walter S.	do	13.89	
Hickman, Thomas J.	do	156.24	
Fitnam, G. A.	do	83.33	
Whitman, E. C.	do	937.50	
Allen, George.	Lithographer, at \$1,200.	1,200.00	
Fraber, J. W.	do	1,200.00	
Keough, W.	do	1,200.00	
Pilcher, C. H.	Engineer, at \$1,200.	1,200.00	\$3.00
Claveloux, F. A.	Skilled mechanic, at \$1,200.	1,200.00	
Martin, Julius J.	Skilled mechanic, at \$1,000.	783.34	
Wheeler, Bertram C.	do	188.89	
Collins, James F.	do	1,000.00	
Dillon, Edward	do	1,000.00	
Newham, Richard S.	do	983.33	
Sharp, Stewart S.	do	1,000.00	
Johnson, Hiram	Captain of watch, at \$1,000.	1,000.00	
O'Neil, Daniel F.	Electrician, at \$1,000.	1,000.00	
Balster, John A.	Skilled artisan, at \$840.	308.00	
Rausch, Gustav E.	do	532.00	
Chambers, Charles W.	do	840.00	
Fox, Harry A.	do	9.33	
Thornton, Walter S.	do	830.67	
Francis Fred L.	do	840.00	
Haynes, John M.	do	840.00	
Patrick, William	do	840.00	70.33
Brown, Joseph	Messenger or laborer, at \$720.	720.00	
Eichelberger, Thos. H.	do	394.00	
Eisenstein, Fredk. M.	do	326.00	
Harvey, William O.	do	720.00	
Hayes, Michael.	do	720.00	
McLane, William, jr.	do	720.00	
Barrett, Wm. J.	Fireman, at \$720.	134.00	
Collins, Aloysius D.	do	52.00	
Morton, George H. B.	do	40.00	
Reed, Eddie	do	474.00	
Stohle, William R.	do	13.00	
Hudson, James R.	do	720.00	
Morton, R. H.	do	720.00	
Bacon, Samuel, jr.	Watchman, at \$720.	720.00	
Hughes, Everett H.	do	720.00	
Sullivan, John	do	720.00	
Balster, John A.	Folder and feeder, at \$720.	94.00	
Kline, James N.	do	356.00	
Stone, Thad.	do	264.00	
Burns, John T. S.	do	720.00	
Ford, Charles B.	do	720.00	
Fox, Harry A.	do	712.00	
Stone, Thad.	do	8.00	
Smith, Thomas G.	do	720.00	
Hoagland, Annie E.	Folder and feeder, at \$630.	630.00	
Jefferson, Wesley W.	do	231.00	
Stone, Thad.	do	392.00	
Toebert, Frank P., jr.	do	7.00	
Strecker, Helen.	do	630.00	
Bean, Fred	Messenger or laborer, at \$660.	3.67	
Torbert, Frank P., jr.	do	652.67	
Eichelberger, Thos. H.	do	298.83	
Hamrick, Andy M.	do	361.17	
Driscoll, Michael J.	do	660.00	
Jones, William	do	660.00	
Plummer, W.	do	660.00	
Wolcott, John W.	do	660.00	
Branham, E. A.	Messenger, messenger boy, or laborer, at \$600.	600.00	
Brown, Daniel J.	do	193.33	
Washington, Rudolph	do	406.67	



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Office of Chief of Weather Bureau, 1907, \$194,690"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Cauffman, Joseph.....	Messenger, messenger boy, or laborer, at \$600..	\$160.00	.....
Dalton, Samuel S.....	do.	21.67	.....
Engels, Peter J.....	do.	25.00	.....
Jefferson, Wesley W.....	do.	378.33	.....
Thomson, Alfred R.....	do.	5.00	.....
Dunmore, Johnnie A.....	do.	600.00	.....
Feigley, Joseph M.....	do.	600.00	.....
Glover, George J.....	do.	600.00	.....
Hamrick, A. M.....	do.	33.34	.....
McNaught, Archibald.....	do.	15.00	.....
Peacock, Wm.....	do.	20.00	.....
Thomas, George W.....	do.	200.00	.....
Weber, William.....	do.	328.33	.....
Keller, David.....	do.	590.00	.....
McDermott, Edward.....	do.	600.00	.....
McNaught, Archibald.....	do.	65.00	.....
Marean, Edwin F.....	do.	535.00	.....
Parker, Walter.....	do.	600.00	.....
Patrick, Thomas.....	do.	600.00	.....
Plummer, William, jr.....	do.	600.00	.....
Lee, Plato T.....	Messenger, messenger boy, or laborer, at \$480..	480.00	.....
McCreight, John H.....	do.	465.33	.....
Murphy, William J.....	do.	1.33	.....
Thomson, Alfred R.....	do.	13.33	.....
McNaught, Archibald.....	do.	416.00	.....
Sheridan, Francis W.....	do.	12.00	.....
Williams, Max.....	do.	52.00	.....
Tracy, Frank T.....	do.	325.33	.....
Washington, Rudolph.....	do.	154.67	.....
Barnard, Albert G.....	Messenger, messenger boy, or laborer, at \$450..	105.00	.....
Lee, Jesse B.....	do.	182.50	.....
Tracy, Frank T.....	do.	145.00	.....
Dalton, Samuel S.....	do.	36.25	.....
Moffett, William T.....	do.	356.25	.....
Peacock, Wm.....	do.	13.75	.....
Thomas, Geo. W.....	do.	26.25	.....
Gates, Edward P.....	do.	112.50	.....
McKenny, E. F.....	do.	33.75	.....
Stapp, John W.....	do.	300.00	.....
McCreight, John H.....	do.	13.75	.....
Mankin, Leroy T.....	do.	48.75	.....
Williams, Max.....	do.	387.50	.....
Priest, Daniel B.....	do.	88.75	.....
Priest, John G.....	do.	135.00	.....
Wilson, Rudolph.....	do.	225.00	.....
Lomax, Amanda.....	Charwoman, at \$360..	360.00	.....
Crabbs, Lydia M.....	Charwoman, at \$240..	240.00	.....
Payne, Lucy.....	do.	240.00	.....
Templeton, Clara A.....	do.	240.00	.....
Total amount of appropriation.....		\$194,690.00	
Total amount paid for salaries.....		193,918.11	
Unexpended balance.....			771.89

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Fuel, lights, and repairs, Weather Bureau, 1907, \$10,000."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Anchor Lamp Co.....	\$83.12	Catlin Co., Elmer H.....	\$15.00
Barber & Ross.....	5.00	Church & Stephenson.....	62.55
Brennan Construction Co.....	865.44	DuPerow, M.....	42.07
Brooks Co., E. F.....	44.00	Dyer, Wm. H.....	30.25
Cady, M. S.....	94.37	Hartig, Louis.....	4.45

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Fuel, lights, and repairs, Weather Bureau, 1907, \$10,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Heiskell, P. H., jr., & Co.....	\$1.60	Schafer & Co., E. G.....	\$21.39
Hurley, J. E.....	715.00	Schneider Sons, C. A.....	19.00
Jorss, A. F.....	214.30	Shedd & Bro. Co., S. S.....	122.80
Lambie Co. (Incorporated), James B.	7.58	Smith, Joseph P.....	7.00
Lindsay Rubber Manufacturing Co., The M.....	4.37	Somerville Co., Thos.....	30.52
McGhan, A. H.....	4.10	Walker & Son, John T.....	2,875.90
Mackall Bros.....	25.20	Walker Sons, J. T.....	19.85
Macnichol & Son.....	302.00	Warner, L.....	.60
Mangan, L. J.....	60.25	White, Fred J.....	9.40
Mann & Co., P.....	1.25	Young, W. H.....	25.25
Mineralized Rubber Co.....	24.00	Total.....	6,127.73
Moran Co., John.....	237.60	<i>Fuel.</i>	
Muddiman & Co., C. A.....	6.20	Murphy, Robert.....	37.35
Muth & Co., Geo. F.....	12.75	Zeh Co. (Incorporated), Wm. J.....	3,441.21
Mutual District Messenger Co.....	50.00	Total.....	3,478.56
National Electrical Supply Co.....	64.99	<i>Gas and electricity.</i>	
Okonite Co. (Limited).....	7.48	Washington Gaslight Co.....	312.80
Pullman Automatic Ventilator Man- ufacturing Co.....	22.50		
Rau, John C.....	6.33		
Reilly, Hugh.....	22.17		
Robertson, John.....	3.00		
Rudolph & West Co.....	7.10		
Total amount of appropriation.....			\$10,000.00
Total expenditures under above groups.....			9,919.09
Unexpended balance.....			80.91

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Contingent expenses, Weather Bureau, 1907, \$10,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Crane & Co.....	\$5.50	Conger Bros. & Co.....	\$39.84
Library Bureau.....	108.90	Copeland Co., M. G.....	11.50
Lindemeyr, Philip.....	52.80	Cotton, James S.....	65.73
Morrison Paper Co., E.....	17.80	Cudahy Packing Co., The.....	7.50
Newman, E. S.....	1.25	Davidson & Co., H. C.....	18.75
Parker, D. Frank.....	35.60	Disbursing clerk, Post-Office Depart- ment.....	73.40
Schmidt, Fred A.....	24.50	Doremus Machine Co.....	4.50
Swayze, W. L.....	413.40	Duckett, W. G.....	4.45
Swayze, Bailey & Co.....	78.36	Duffey, R. W.....	5.50
Underwood Typewriter Co.....	13.20	Dulin & Martin.....	.50
Union Envelope Co.....	12.49	Du Perow, M.....	80.58
United States Envelope Co.....	13.50	Eastman Kodak Co.....	1.75
Total.....	777.30	Eco Magneto Clock Co.....	5.00
<i>Miscellaneous supplies, etc.</i>		Eimer & Amend.....	3.85
Acme Repair and Bicycle Co.....	4.45	Ergood Co., J. C.....	10.02
Addressograph Co.....	.75	Ferno, J. R.....	1.25
Akers, J. O.....	5.70	Flynn & Blount.....	60.00
Armour & Co.....	1.60	Forker & Co., C. A.....	35.10
Barber & Ross.....	13.90	Forsberg, G. W.....	7.92
Baumgarten Co., Herman.....	51.92	Frank Disinfecting Co., The P. M.....	30.00
Baumgarten & Sons, J.....	10.50	Fritch & Son, Geo. T.....	22.50
Bausch & Lomb Optical Co.....	5.31	Garvey, Edward.....	9.60
Becker & Co., Chas.....	35.00	Gibson Soap Co.....	7.50
Becker, C.....	10.00	Giclas, H. J.....	45.00
Bowers & Daly.....	16.00	Gilman Z. D.....	11.21
Burrells Press Clipping Bureau.....	73.28	Halley, M. M.....	12.00
Burroughs Adding Machine Co.....	350.00	Harding & Upman.....	49.00
Burton & Son, R. C. M.....	47.20	Hartig, Louis.....	27.06
Cady, M. S.....	16.00	Hartman Co., W. H.....	6.00
Capital Traction Co.....	100.00	Heiskell & Co., P. H., jr.....	18.00
Carey Machinery and Supply Co.....	369.18	Hoge & McDowell Co., Inc.....	99.00
Collins, A. H.....	318.00	Holcomb Manufacturing Co., J. I.....	12.00
		Hollingsworth, G. R.....	10.00
		Home Ice Co.....	197.77

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Contingent expenses, Weather Bureau, 1907, \$10,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture.</i>	
Hume, Frank.....	\$2.00	Barber & Ross.....	\$4.40
Hutton & Hilton.....	.50	Burton & Son, R. C. M.....	5.60
Jackson, Frank H.....	10.00	Church & Stephenson.....	603.22
Jenks, W. S.....	7.00	Collins, Samuel J.....	8.00
Kennedy, P.....	1.63	Heiskell & Co., P. H., jr.....	24.80
Kettler, Wm. J.....	.75	Hoek, W. H.....	76.25
Keuffel & Esser Co.....	31.88	Lambie Co. (Incorporated), James B.....	7.00
Killian, Geo. P.....	75.50	Library Bureau.....	256.15
Knox Express Co., The Geo. W.....	9.40	Moses & Sons, W. B.....	892.49
Lamb & Tilden.....	9.12	Wiegand, Martin.....	327.00
Lambie Co. (Incorporated), James B.....	153.49	Woodruff Manufacturing Co.....	174.00
Lansburg & Bro.....	47.05	Woodward & Lothrop.....	189.65
Lindsay Rubber Manufacturing Co., The M.....	47.15	Wurdeman & Co.....	163.00
Linskey & Sons, James.....	1.50	Yawman & Erbe Manufacturing Co.....	18.50
Littlefield, Alvord & Co.....	27.00	Total.....	2,750.06
Lockwood, W. A.....	1.00	<i>Freight.</i>	
Lutz & Co.....	115.45	Washington Southern Rwy. Co.....	.91
McGhan, A. H.....	9.75	<i>Express.</i>	
McQuay, Chas. H.....	175.00	Adams Express Co.....	71.74
Mackall Bros.....	33.65	United States Express Co.....	132.67
Mann & Co., P.....	1.90	Total.....	204.41
Marino, Ignacio.....	1.00	<i>Telephone.</i>	
Meeks' Sons, S. J.....	243.00	Chesapeake & Potomac Telephone Co.....	518.04
Megee, Geo. F.....	1.50	<i>Apparatus, instruments, and labo- ratory material.</i>	
Midget Novelty Co.....	6.00	Macklem, J. J.....	20.75
Monarch Typewriter Co., The.....	3.00	Rose, J. L.....	5.11
Moore, A. L.....	15.77	Taylor Bros. Co.....	29.25
Moran Co., John.....	18.40	Total.....	55.11
Morris & Eckels Co., The.....	8.50	<i>Printing and binding.</i>	
Muddiman & Co., C. A.....	2.25	Age-Herald Publishing Co.....	13.72
Muth & Co., Geo. F.....	74.57	Anniston Publishing Co.....	11.20
National Electrical Supply Co.....	33.50	Billings Gazette.....	7.20
Nawrath, J. P.....	4.95	Birmingham News Publishing Co.....	16.56
Newman, E. S.....	1.00	Charles City Daily Press.....	5.00
Nolan & Sons, James.....	2.75	Charles City Herald, The.....	4.60
Postmaster, Washington, D. C.....	564.00	Chronicle Co., The.....	11.61
Rand, McNally & Co.....	4.90	Commercial Newspaper Co.....	53.20
Reilly, Hugh.....	46.95	Daily Hot Blast.....	13.50
Remington Typewriter Co.....	56.25	Intelligencer Printing Co.....	4.60
Rock Creek Auto and Wagon Works.....	2.50	Ledger Publishing Co., The.....	11.11
Rotograph Co., The.....	9.73	Perth Amboy Evening News Co.....	6.44
Rudolph & West Co.....	44.88	Press Publishing Co., The.....	46.55
Sargent & Co.....	1.53	Record, The.....	3.45
Schafer & Co., E. G.....	1.00	Register, The.....	3.15
Schwakopf, Geo. A.....	.35	Sheridan Enterprise.....	4.50
Seth Thomas Clock Co.....	1.00	Taylor Publishing Co., F. M.....	7.60
Sharp & Sons, F.....	6.70	Tribune Publishing Co., The.....	19.20
Shedd & Bro. Co., S. S.....	6.00	Total.....	243.19
Smith Premier Typewriter Co., The.....	104.70		
Smithsonian Institution.....	283.81		
Somerville Co., Thos.....	9.85		
Stewart & Co.....	93.49		
Thompson, C. G.....	26.40		
Topham, James S.....	54.00		
Underwood Typewriter Co.....	250.00		
Voigt, Edward.....	2.00		
Walker & Son, John T.....	122.00		
Walker Sons, John T.....	1.40		
West Disinfecting Co.....	22.33		
Wiley & Russell Manufacturing Co.....	10.67		
Woodward & Lothrop.....	25.62		
Total.....	5,351.54		
Total amount of appropriation.....			\$10,000.00
Total expenditures under above groups.....			9,900.56
Unexpended balance.....			99.44



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Cox, Henry J.	Professor of meteorology, at \$3,000.	\$3,000.00	\$511.06
McAldie, Alexander G.	do.	3,000.00	146.66
Humphreys, William J.	Professor of meteorological physics, at \$3,000.	3,000.00	259.08
Conger, Norman B.	Inspector, at \$2,500.	2,500.00	532.58
Hersey, Henry B.	do.	1,979.17	634.48
Beals, Edward A.	District forecaster, at \$2,400.	2,400.00	128.12
Brandenburg, Frederick H.	do.	2,400.00	382.92
Cline, Isaac M.	do.	2,400.00	26.10
Emery, Eben H.	do.	2,400.00	214.34
Smith, John W.	do.	2,400.00	69.54
Walz, Ferdinand J.	do.	2,400.00	42.80
Fassig, Oliver L.	Research director, at \$2,000.	2,000.00	71.16
Bowie, Edward H.	Local forecaster, at \$2,000.	2,000.00	
Cuthbertson, David.	do.	2,000.00	102.84
Kenealy, James.	do.	2,000.00	39.13
Pennywitt, Henry.	Local forecaster, at \$1,800 and \$2,000.	1,035.00	17.65
Smith, J. Warren.	Section director, at \$2,000.	2,000.00	66.76
Townsend, Theodore F.	do.	2,000.00	10.14
Ashley, Alexander McC.	Local forecaster, at \$1,800.	750.00	159.41
Bassler, Simon S.	do.	1,800.00	22.00
Chappel, George M.	do.	1,800.00	38.15
Connor, Patrick.	do.	1,800.00	41.55
Gray, James J.	do.	1,800.00	46.39
Tarr, Leonard M.	do.	1,800.00	14.55
Blythe, William T.	Section director, at \$1,800.	1,800.00	90.05
Bunnemeyer, Bernard.	do.	1,800.00	130.50
Chaffee, Frank P.	do.	350.00	
Evans, Edward A.	do.	1,800.00	52.40
Hyatt, Robert J.	do.	1,800.00	47.60
Loveland, George A.	do.	1,800.00	11.05
Marbury, John B.	do.	1,800.00	63.30
Mitchell, Alexander J.	do.	1,800.00	58.70
Outram, Thomas S.	do.	775.00	10.00
Salisbury, George N.	do.	1,800.00	8.55
Schneider, Charles F.	do.	1,800.00	33.78
Stockman, William B.	do.	1,800.00	403.45
von Herrmann, Charles F.	do.	1,800.00	105.52
Wilson, Wilford M.	do.	1,800.00	61.39
Purcell, Ulysses G.	Section director, at \$1,600 and \$1,800.	1,708.88	45.50
Aiciatore, Henry F.	Section director, at \$1,600.	1,600.00	65.45
Bate, Henry C.	do.	1,600.00	11.99
Belden, William S.	do.	1,599.99	50.54
Burns, William G.	do.	1,600.00	96.04
Glenn, Samuel W.	do.	1,600.00	63.56
Jennings, Thorp B.	do.	1,600.00	17.20
Jesunofsky, Lewis N.	do.	1,600.00	35.27
Palmer, Walter S.	do.	1,600.00	59.12
Thiessen, Alfred H.	do.	1,600.00	38.17
Blystone, Montello E.	Local forecaster, at \$1,600.	1,600.00	19.60
Boyer, Harry B.	do.	1,600.00	1.25
Currier, William S.	do.	1,600.00	5.50
Demain, Edward R.	do.	1,600.00	.45
Dey, Luther M.	do.	1,600.00	1.20
Emery, Samuel C.	do.	1,599.99	
Grant, Robert Q.	do.	1,600.00	2.50
Sherier, Julius M.	do.	1,600.00	5.60
Todd, George T.	do.	1,600.00	28.94
Welsh, Lucius A.	do.	1,600.00	
Willson, George H.	do.	1,600.00	
Wollaber, Arthur B.	do.	1,600.00	50.40
Bauer, Jacob W.	Section director, at \$1,400.	1,400.00	21.14
Howe, Henry C.	do.	1,400.00	13.83
Judkins, Levi A.	do.	1,400.00	35.21
Linney, Charles E.	do.	1,092.78	107.98
Reeder, George.	do.	1,400.00	43.43
Roberts, Orris W.	do.	1,399.99	55.10
Slaughter, J. Pemberton.	do.	1,400.00	71.80
Wells, Edward L.	do.	1,400.00	73.80
Young, R. Frank.	do.	1,400.00	85.70
Geren, Harry O.	Observer, at \$1,200, and section director, at \$1,400.	1,300.00	114.90

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Abbe, Cleveland, jr.	Research observer, at \$1,200 and \$1,400.	\$1,260.00	.....
Young, Frederick A.	Research observer, at \$1,400.	116.67	\$2.40
Blair, William R.	Research observer and assistant physicist, at \$1,400.	700.00	13.25
Armington, John H.	Local forecaster, at \$1,400.	1,400.00	71.04
Ashenberger, Albert	do.	1,400.00	3.45
Brand, Albert	do.	1,400.00	2.00
Bridges, Theodore L.	do.	1,400.00	12.17
Buell, Allen	do.	1,400.00	2.65
Carpenter, Ford A.	do.	1,400.00	.....
Cover, Louis C.	do.	1,400.00	5.70
Daingerfield, Lawrence H.	do.	1,400.00	1.25
Devereaux, William C.	do.	1,400.00	76.55
Dudley, William M.	do.	1,400.00	7.93
Hayes, Montrose W.	do.	1,283.34	71.43
Hazen, John S.	do.	1,400.00	9.80
Jones, Edward P.	do.	1,400.00	62.65
Lodholz, Louis	do.	1,400.00	72.35
McDonough, Patrick	do.	1,400.00	60.85
Neifert, William W.	do.	1,400.00	60.63
Nichols, Esek S.	do.	1,400.00	87.12
Noyes, G. Harold	do.	1,400.00	1.30
Nunn, Roscoe	do.	1,400.00	.....
Oberholzer, George R.	do.	1,384.44	89.34
Reed, Charles D.	do.	1,400.00	8.00
Richardson, Herbert W.	do.	1,400.00	47.05
Sanford, Morgan R.	do.	1,400.00	16.35
Scarr, James H.	do.	1,400.00	58.85
Shaw, William A.	do.	1,400.00	.....
Smyth, Patrick H.	do.	933.33	2.35
Spencer, James H.	do.	1,400.00	248.70
Stewart, Charles	do.	1,400.00	4.80
Sullivan, Richard H.	do.	1,400.00	20.51
Taylor, Nathaniel R.	do.	1,400.00	1.60
Thompson, Charles D. C.	do.	1,400.00	7.27
Weeks, John R.	do.	1,400.00	2.50
Williams, Frank T.	do.	1,400.00	4.19
Wurtz, George B.	do.	1,400.00	12.45
Alexander, William H.	Observer, at \$1,200, and local forecaster, at \$1,400.	1,209.44	9.25
Pindell, Lewis M.	do.	1,357.77	26.10
Anderson, Robert L.	Observer, at \$1,200.	1,200.00	.....
Bartlett, James L.	do.	1,200.00	15.25
Bell, Aaron H.	do.	1,200.00	3.50
Bell, William	do.	1,200.00	.75
Bennett, Walter J.	do.	1,200.00	1.90
Blagden, John D.	do.	1,200.00	.....
Bolton, Joseph P.	do.	1,200.00	5.00
Brist, Frederick W.	do.	1,200.00	.....
Brown, Edward A.	do.	1,200.00	8.62
Burnes, Alexander G.	do.	1,200.00	22.15
Burrows, Orville C.	do.	1,200.00	.....
Byram, John W.	do.	1,200.00	2.50
Cavanagh, William C.	do.	1,200.00	.....
Cline, Joseph L.	do.	1,200.00	25.30
Coleman, Frank H.	do.	1,200.00	.....
Collins, Thomas S.	do.	1,200.00	3.00
Connell, Maurice	do.	1,200.00	.....
Conrad, Frederick W.	do.	1,200.00	.....
Craig, John	do.	1,200.00	.....
Cronk, James W.	do.	1,200.00	3.00
Cunningham, Noble M.	do.	1,200.00	79.79
Davis, T. Frederick	do.	1,200.00	.....
Davis, William	do.	1,200.00	.....
Denson, Lee A.	do.	1,200.00	4.70
Doherty, Cornelius J.	do.	1,200.00	.....
Dorman, Louis	do.	1,200.00	8.95
Emigh, Eugene D.	do.	1,200.00	.....
Fallon, W. H.	do.	1,200.00	.....
Felger, G. W.	do.	1,200.00	16.55
Fisher, David	do.	1,200.00	.....
Fitzgerald, John	do.	1,200.00	.....
Fuller, Merton L.	do.	1,200.00	4.40

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gosewisch, Frederick Z.....	Observer, at \$1,200.....	\$1,200.00	\$6.35
Grover, John.....	do.....	1,200.00	83.35
Guthrie, Leon J.....	do.....	1,200.00	59.80
Hadley, Olin M.....	do.....	1,200.00	10.31
Hardinge, Robert M.....	do.....	1,200.00	45.30
Hass Hagen, George.....	do.....	1,200.00	10.86
Hyle, Charles A.....	do.....	1,200.00	.75
Lane, Nathan D.....	do.....	113.33	
Lawton, George E.....	do.....	660.00	2.45
Lehman, William F.....	do.....	1,200.00	9.25
Lindley, Robert T.....	do.....	1,200.00	2.42
Linsley, Julius G.....	do.....	1,200.00	
McCallum, Daniel P.....	do.....	1,200.00	11.85
Maxwell, William D.....	do.....	1,200.00	
Mitchell, William A.....	do.....	1,200.00	7.48
Montgomery, Frank.....	do.....	1,200.00	
Mosby, Samuel L.....	do.....	1,200.00	
Murphy, Daniel C.....	do.....	1,200.00	
Newman, Fitzhugh.....	do.....	1,180.00	
Newsom, John F.....	do.....	1,200.00	26.96
Nimmo, E. Herbert.....	do.....	1,200.00	1.00
Patrick, Henry R.....	do.....	1,200.00	
Randall, Albert V.....	do.....	1,200.00	26.46
Reed, William F., jr.....	do.....	1,200.00	18.20
Row, E. E.....	do.....	1,200.00	
Schaeffer, John W.....	do.....	1,200.00	
Scott, George W.....	do.....	1,200.00	
Seeley, Dewey A.....	do.....	1,200.00	84.50
Smith, Horace E.....	do.....	1,200.00	5.00
Stewart, William P.....	do.....	1,200.00	14.34
Stubbs, Martin B.....	do.....	1,156.67	16.15
Summers, Melvin B.....	do.....	1,200.00	
Todd, Hubert G.....	do.....	1,200.00	
Vanderpool, Jesse L.....	do.....	1,200.00	
Voorhees, John F.....	do.....	1,200.00	61.17
Vose, Elisha C.....	do.....	1,200.00	21.10
Waldron, Bion L.....	do.....	1,200.00	12.85
Watson, James M.....	do.....	1,200.00	
Widmeyer, James I.....	do.....	1,200.00	2.00
Wiesner, Abe.....	do.....	1,200.00	14.19
Williams, John R.....	do.....	1,200.00	15.00
Wilson, George N.....	do.....	1,200.00	4.70
Miller, Eric R.....	Observer and research observer, at \$1,200.....	1,200.00	47.63
Baldwin, Harrison McP.....	Observer, at \$1,000 and at \$1,200.....	1,116.66	52.35
Bliss, George S.....	do.....	1,100.00	57.30
Hooper, John K.....	do.....	1,100.00	
Kirk, Joseph M.....	do.....	1,100.00	25.70
Landis, Dennis S.....	do.....	1,166.66	14.25
Martin, William V.....	do.....	1,109.99	
O'Connor, Gerald J.....	do.....	1,016.66	
Olds, William J.....	do.....	1,039.47	77.35
Spencer, Eugene E.....	do.....	1,183.23	
Wood, Charles S.....	do.....	1,183.33	
Thompson, Edwin C.....	Section director, at \$1,400, and observer, at \$1,200.....	1,274.43	184.04
Reed, John M.....	Skilled mechanic, at \$1,200.....	1,200.00	
Bright, Charles B.....	Printer, at \$1,200.....	466.67	28.60
Groene, Ernest F.....	do.....	1,200.00	9.55
Hurley, John F.....	do.....	1,200.00	
Nichols, Augustus B.....	do.....	1,200.00	
Nichols, John F.....	do.....	1,200.00	
Reynick, Alexander.....	do.....	1,200.00	
Stewart, John S.....	do.....	1,200.00	
Shomo, Oscar V.....	Printer, at \$1,000 and at \$1,200.....	1,150.00	
Alps Henry F.....	Assistant observer, at \$1,000.....	516.66	19.91
Alter, J. Cecil.....	do.....	916.66	
Bailey, Wayland.....	do.....	1,000.00	.75
Barron, William E.....	do.....	1,000.00	2.35
Beates, James W.....	do.....	1,000.00	
Bonnett, Walter E.....	do.....	1,000.00	
Bradley, James A.....	do.....	1,000.00	
Briggs, Robert R.....	do.....	1,000.00	
Bronson, Byron H.....	do.....	47.22	



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Church, Verne H.	Assistant observer, at \$1,000.	\$1,000.00	\$25.40
Clark, William F.	do.	1,000.00	1.00
Cole, Harvey S.	do.	1,000.00	
Crosby, Arthur W.	do.	1,000.00	
Davis, Albert J.	do.	1,000.00	
Day, Walcott L.	do.	1,000.00	11.16
Dean, Robert H.	do.	999.99	
DeGraw, Paul	do.	127.77	
Dey, Luther M., jr.	do.	850.00	
Dewing, Charles R.	do.	1,000.00	365.00
Dick, Harvey B.	do.	1,000.00	4.00
Donnel, Charles A.	do.	1,000.00	
Dosher, Samuel L.	do.	1,000.00	
Drake, Theodore F.	do.	1,000.00	228.45
Eddey, George W.	do.	1,000.00	
Eshleman, Cyrus H.	do.	1,000.00	
Field, George F.	do.	1,000.00	
Fisher, Lawrence C.	do.	1,000.00	
Frise, Harry A.	do.	1,000.00	
Fuller, William D.	do.	1,000.00	
Garrett, Charles C.	do.	963.89	
Grasse, Herchmer W.	do.	1,000.00	2.25
Gray, Richard W.	do.	1,000.00	
Grimes, George E.	do.	1,000.00	9.23
Grunow, Dexter C.	do.	1,000.00	19.00
Hackett, Arthur E.	do.	1,000.00	
Hackett, Sumner.	do.	1,000.00	3.15
Hardin, Hal. P.	do.	1,000.00	
Hartwell, F. Eugene.	do.	1,000.00	231.91
Hayden, Julius C.	do.	720.84	159.34
Heck, George J.	do.	8.33	
Hobbs, Everett C.	do.	1,000.00	7.00
Holcomb, Howard K.	do.	1,000.00	
Jermin, Frank.	do.	1,000.00	32.80
Kelliher, J. J.	do.	452.77	35.25
Kimball, James H.	do.	608.33	32.80
Lathrop, William T.	do.	1,000.00	
Legler, Hugo.	do.	1,000.00	
Lindgren, Gustave S.	do.	1,000.00	
Ling, Charles W.	do.	1,000.00	3.00
McDowall, Gilbert W.	do.	1,000.00	28.95
McGann, Edward W.	do.	1,000.00	.75
O'Donnell, John J.	do.	1,000.00	481.77
Pickels, Alfred C.	do.	1,000.00	
Piercy, Joseph C.	do.	1,000.00	8.25
Powell, Robert P.	do.	1,000.00	
Reed, William J.	do.	1,000.00	
Richardson, Charles H.	do.	1,000.00	
Robins, Millard V.	do.	1,000.00	
Roche, Henry H.	do.	1,000.00	14.22
Root, Clarence J.	do.	1,000.00	
Rupert, Fred J.	do.	250.00	
Ryker, John N. S.	do.	1,000.00	19.75
Sage, John R.	do.	1,000.00	
Schlomer, William B.	do.	1,000.00	
Scholl, Walter H.	do.	1,000.00	
Schoppe, Wm. J. A.	do.	1,000.00	4.70
Scott, James H.	do.	999.99	
Simons, William U.	do.	1,000.00	3.15
Sloan, Jay B.	do.	1,000.00	
Smith, James H.	do.	1,000.00	4.25
Strong, Charles M.	do.	1,000.00	3.75
Sutton, Leon G.	do.	1,000.00	171.12
Taylor, Thomas R.	do.	1,000.00	
Teeple, Arthur R.	do.	1,000.00	
Thomas, Walter W.	do.	1,000.00	54.50
Whitman, Ozias.	do.	1,000.00	
Wright, Marsden.	do.	1,000.00	13.55
Considine, Thomas J.	Observer, at \$1,200, and assistant observer, at \$1,000.	1,074.45	26.74
Gibson, Thomas.	do.	1,016.67	4.00
McLean, John J.	do.	1,071.67	25.84

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McGuinness, William C.....	Observer, at \$1,200, and assistant observer, at \$1,000.	\$1,033.34	\$69.70
Blue, Otto L.....	Assistant observer, at \$840, and at \$1,000.....	960.00	.....
Brockway, Albert L.....	do.....	930.67	430.27
Coberly, Edward D.....	do.....	920.00	49.50
Covert, Roy N.....	do.....	960.00	97.85
Dill, Charles.....	do.....	986.67	.....
Faulhaber, Charles E.....	do.....	960.00	.....
Flora, Snowden D.....	do.....	960.00	.....
Horton, Edgar C.....	do.....	846.22	.....
Mitchell, Charles L.....	do.....	876.45	36.15
Robinson, Milton A.....	do.....	776.33	28.99
Summey, Albert T.....	do.....	920.00	54.66
Mize, Ralph C.....	Operator, at \$1,000.....	669.45	.....
Blackburn, Everitt.....	Printer, at \$1,000.....	5.56	.....
Brady, Eugene E.....	do.....	125.01	.....
Briscoe, Henry C.....	do.....	1,000.00	.....
Burke, Ethelbert C.....	do.....	1,000.00	.....
Carr, David H.....	do.....	922.22	.....
Carter, Harry G.....	do.....	1,000.00	.....
Groce, Arthur V.....	do.....	1,000.00	.....
Hutchison, James E.....	do.....	1,000.00	44.04
Kuppler, Carl F.....	do.....	125.00	.....
Landis, Harry R.....	do.....	708.33	.....
McIver, Evander M.....	do.....	1,000.00	.....
McWhorter, Lawrence L.....	do.....	1,000.00	.....
Madden, Samuel H.....	do.....	680.55	26.70
Pugh, Arthur W.....	do.....	1,000.00	46.75
Smith, Edgar A.....	do.....	1,000.00	.....
Snyder, Joseph B.....	do.....	663.89	166.25
Wallace, George E.....	do.....	716.67	.....
Atto, Ora O.....	Assistant observer, at \$840.....	840.00	.....
Bily, Joseph, jr.....	do.....	840.00	.....
Burns, Edward T.....	do.....	840.00	6.25
Campfield, Louis M.....	do.....	840.00	.....
Conway, M. E.....	do.....	840.00	3.40
Disterdick, Fred L.....	do.....	840.00	45.15
Dyke, Ray A.....	do.....	840.00	31.28
Eddy, Nathan S.....	do.....	840.00	.....
Faulk, Maurice C.....	do.....	840.00	67.65
Fisher, Ray L.....	do.....	840.00	8.70
Flattery, Charles W.....	do.....	840.00	27.55
Gallagher, George J.....	do.....	59.50	.....
Garrett, Arthur W.....	do.....	840.00	.....
Glass, Elvin J.....	do.....	840.00	12.75
Green, William H.....	do.....	840.00	.....
Gregg, Willis R.....	do.....	840.00	48.65
Harn, George U., jr.....	do.....	840.00	.....
Jakl, Vincent E.....	do.....	840.00	3.50
Jones, James.....	do.....	749.00	234.55
Long, Francis.....	do.....	840.00	.....
McLeary, Frank E.....	do.....	840.00	.....
Middlesworth, Vaughn.....	do.....	700.00	87.75
Nesmith, Mark T.....	do.....	840.00	.....
Norquest, Clinton E.....	do.....	840.00	88.40
Parker, Orin.....	do.....	840.00	9.50
Passallaigue, Louis F.....	do.....	840.00	27.80
Patrick, Rollin M.....	do.....	291.67	.....
Pettet, Robert D.....	do.....	634.67	23.70
Pollock, Rosswitte E.....	do.....	350.00	370.30
Roberts, Richard P.....	do.....	840.00	.....
Ross, Lewis C.....	do.....	840.00	.....
Shilling, Alphonso W.....	do.....	840.00	.....
Stewart, Oscar D.....	do.....	840.00	74.10
Vail, Herbert E.....	do.....	840.00	.....
Watters, William H.....	do.....	91.00	18.50
Webert, Louis P.....	do.....	177.33	42.10
Wood, Peter.....	do.....	364.00	.....
Rogers, Luther.....	Expert in vessel reporting, at \$840.....	588.00	.....
Cambridge, Louis A.....	Assistant observer, at \$720 and at \$840.....	820.00	.....
Gittings, Edwin B., jr.....	do.....	800.00	.....
Gross, Henry C.....	do.....	794.67	.05



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hare, Walter B.	Assistant observer, at \$720 and at \$840	\$746.33	\$130.31
Kincer, Joseph B.	do	775.33	
Shipman, Truman G.	do	820.00	33.90
Smith, Ralph W.	do	760.00	15.95
Spindler, Harvey H.	do	836.00	1.75
Sherry, Bertram J.	Unclassified laborer, at \$720, and assistant observer, at \$840.	740.00	
Andree, Hermann J.	Assistant observer, at \$720	402.00	10.00
Ball, Homer W.	do	684.00	
Barger, Gervase J. P.	do	336.00	51.25
Blair, Thomas A.	do	126.00	
Blosser, Cleveland T.	do	706.00	51.70
Bormann, Walter R.	do	60.00	
Boyle, James A.	do	720.00	37.05
Brotzman, William S.	do	582.00	
Buchanan, Elmer R.	do	720.00	28.70
Cade, William R.	do	720.00	2.80
Callin, Clement C.	do	218.00	
Chancellor, Thomas J.	do	96.00	
Collins, Paul	do	720.00	33.85
Collom, McLin S.	do	338.00	
Colman, Bert S.	do	720.00	
Cornthwaite, Homer G.	do	720.00	
Correll, George E.	do	152.00	
Cox, Walter	do	330.00	
Crossett, Frederick A.	do	568.00	
Cushing, Frederick S.	do	124.00	9.45
Dixon, James M.	do	70.00	
Dusseault, Joseph A.	do	184.00	
Firestone, Timothy D.	do	720.00	21.50
Garrason, John S.	do	720.00	45.45
Golden, Julian A.	do	40.00	
Goodin, Harley B.	do	512.00	
Grafton, H. Brooks	do	720.00	
Greening, Gershom K., jr.	do	52.00	
Grootenhuis, Theodore T.	do	480.00	
Haines, Ernest H.	do	720.00	61.57
Hallenbeck, Cleve	do	138.00	
Hamilton, John M.	do	20.00	
Heckathorn, Charles E.	do	294.00	
Heinz, Charles	do	176.00	
Hess, Paul	do	688.00	10.10
Howard, Mark S.	do	720.00	56.75
Hurd, Willis E.	do	720.00	
Jaqua, James H.	do	720.00	
Jensen, Newton H.	do	420.00	12.35
Johnson, Edward H.	do	510.00	80.20
Johnson, Harley N.	do	600.00	48.75
Jones, Harris A.	do	720.00	
Justice, Alonzo A.	do	720.00	12.90
Kichline, Herbert E.	do	720.00	45.92
Kinser, William C.	do	720.00	
Kohler, Henry C.	do	28.00	
Ladlie, John R.	do	46.00	
Lady, George W.	do	720.00	39.20
Lemmon, William R.	do	168.00	27.25
Lomasney, John B.	do	608.00	101.91
Lyman, Herbert	do	538.00	27.55
McClelland, Harold	do	718.00	33.78
McKenzie, Herbert W.	do	720.00	
Marean, Edwin F.	do	78.00	29.15
Marks, Harris A.	do	720.00	14.33
Math, Frank A.	do	720.00	
Monnett, William E.	do	284.00	
Palm, John D.	do	690.00	
Paterson, George	do	60.00	
Pelsma, John R.	do	448.00	
Peterman, Elton	do	60.00	
Peterson, Samuel P.	do	720.00	28.55
Reed, Wesley W.	do	168.00	
Richards, George M.	do	548.00	10.80
Sager, George V.	do	720.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Schworm, Stanley S.	Assistant observer, at \$720.	720.00	
Scott, Robert A.	do.	570.00	\$47.70
Simpson, Clark	do.	264.00	
Smith, Edward P.	do.	510.00	24.55
Smith, Emmet D.	do.	626.00	38.80
Smith, Howard C.	do.	46.00	43.30
Sprague, Malcolm	do.	720.00	
Thompson, E. Herbert	do.	720.00	
Toole, John P.	do.	720.00	7.31
Warren, William H.	do.	60.00	
West, Ralph C.	do.	28.00	
Wiest, Edward S.	do.	454.00	25.65
Wills, Harry M.	do.	622.00	
Woodworth, Charles A.	do.	720.00	
Wyland, Will L.	do.	600.00	103.10
Yeager, Everett E.	do.	138.00	.50
Blake, Dean	Messenger, at \$480, and assistant observer, at \$720.	620.00	
Clark, Raymond E.	Messenger boy, at \$360, and assistant observer, at \$720.	436.00	31.04
Hovde, Martin R.	Messenger boy at \$360, and at \$480, and assistant observer, at \$720.	480.67	37.07
Moxom, Walter J.	do.	454.67	27.75
Thorson, Arthur R.	Student assistant, at \$300, and assistant observer, at \$720.	347.83	2.71
Tracy, William H.	Messenger, at \$480, and assistant observer, at \$720.	510.67	
Turner, George E.	Messenger, at \$480 and at \$600, and assistant observer, at \$720.	545.33	
Whittier, Bernard P.	Messenger boy, at \$360 and at \$480, and assistant observer, at \$720.	510.67	18.65
Christman, William W.	Messenger, at \$720.	720.00	
Stege, Louis C.	Messenger boy, at \$720.	462.00	
Van Yadenburg, Marion B.	Messenger, at \$720.	720.00	
Beesley, George	Repairman, at \$720.	310.00	
Drinkwater, Alpheus	do.	720.00	.96
Hart, Fitch J., jr.	do.	176.00	4.48
Hart, Howard G.	do.	600.00	29.78
Johnson, Clifton E.	do.	720.00	1.00
Maxwell, Lawrence V.	do.	300.00	18.45
Parrott, Loring S.	do.	600.00	19.20
Rasmussen, Marius.	do.	720.00	26.36
Warner, Ray C.	do.	172.00	5.00
Wilson, Arthur R.	do.	60.00	
Dosher, Joseph J.	Repairman, at \$600 and at \$720.	610.00	
Balster, John A.	Classified laborer, at \$720.	326.00	1.75
Lamont, Angus N.	Unclassified laborer, at \$720.	666.00	
Gaskins, Willie H.	Repairman, at \$600.	573.34	48.75
Burn, Arthur A.	Messenger, at \$600.	600.00	
Carey, James.	do.	600.00	
Chamberlin, Charles E.	do.	600.00	
Connaroe, Henry	do.	600.00	
Dey, Laura M.	do.	600.00	14.75
Fischer, Frank W.	do.	300.00	
Freas, Howard E.	do.	600.00	
Grant, Charles C.	do.	600.00	
Hamrick, Andy M.	do.	236.66	46.50
Harris, Ralph E.	do.	600.00	
Minehart, Elmo M.	do.	271.67	66.60
Tait, Lemuel E.	do.	598.33	13.05
Williams, Robert C.	do.	600.00	
Bormann, Walter	Messenger, at \$480 and at \$600.	495.34	
Diggs, Fant	do.	570.00	
Featherstone, George D.	do.	545.34	
Jacobs, Henry W.	do.	545.34	
Lopez, Joseph	do.	548.00	
May, George A.	do.	495.34	
Simmons, Homer H.	Student assistant, at \$300, and messenger, at \$600.	300.00	
Fowler, James E.	Unclassified laborer, at \$600.	350.00	
Kelley, Andrew J.	do.	350.00	
Ackelow, Fred H.	Messenger or messenger boy, at \$480.	480.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bartlett, Hayden S.	Messenger or messenger boy, at \$480.	\$121.33	
Daly, John P.	do.	318.00	
Dearing, Eura M.	do.	480.00	
Deter, Charles F.	do.	320.00	
Dorr, Howard M.	do.	240.00	
Evans, Budd.	do.	480.00	
Foster, John C.	do.	480.00	
Hartwig, Walter C.	do.	480.00	
Herrmann, Ernest.	do.	320.00	
Howard, Duncan.	do.	160.00	
Johnston, George H.	do.	360.00	
Lehning, Charlie T.	do.	480.00	
Mitchell, Theodore C.	do.	480.00	
Moore, Roscoe C.	do.	480.00	
Murphy, Frank C.	do.	480.00	
Parry, Bennie.	do.	480.00	
Ross, Ida.	do.	480.00	
Samuel, Joe B.	do.	120.00	
Towner, Noble.	do.	480.00	
Walker, Richard.	do.	400.00	
Weber, Clara.	do.	480.00	
Weber, William.	do.	217.33	
Whedon, Charles T.	do.	480.00	\$47.35
Wrigley, F. Jimmer.	do.	46.67	
Adams, Judson D.	Messenger boy, at \$360 and \$480.	443.33	
Bailey, Herbert A.	do.	420.00	
De Ment, Harry C.	do.	366.00	
Hauber, Oscar H.	do.	430.00	
Hoefer, Fred C.	do.	365.33	
Holcomb, Edward W.	do.	450.00	
Howell, Harry M.	do.	460.00	
Jenne, Westley W.	do.	380.00	
Laskowski, Bernard R.	do.	365.67	
Lind, Harold V.	do.	365.67	
Lowe, J. Hervey.	do.	450.00	
Meaker, Kenneth.	do.	425.33	
Oates, Walter A.	do.	460.00	
Olsen, Edward J.	do.	365.67	
Stephens, Thomas.	do.	430.00	
Webb, Roy G.	do.	460.00	
Weber, Fred.	do.	460.00	
Woods, Raymond.	do.	430.00	
Baxter, Dahl.	Unclassified laborer, at \$480.	480.00	
Kelley, John M.	do.	280.00	4.70
Barwick, James A.	Assistant observer, at \$360.	101.00	
Robinson, H. C.	Unskilled laborer, at \$360.	360.00	
Aberle, Frederick.	Messenger or messenger boy, at \$360.	61.00	
Ahern, Frank H.	do.	327.00	
Augustin, James G.	do.	160.00	
Bach, Frank T.	do.	360.00	
Barham, Guy.	do.	66.00	
Bassinger, Henry C.	do.	360.00	
Beavers, Thomas H. B.	do.	315.00	
Bentley, George J.	do.	135.00	
Boyd, W. Wray.	do.	309.00	
Brewster, James A.	do.	76.00	
Brooks, James B.	do.	104.00	
Buss, William.	do.	360.00	
Butler, Benjamin F.	do.	360.00	
Carmody, W. Raymond.	do.	128.00	
Carney, Thomas A.	do.	120.00	
Clark, Roy.	do.	40.00	
Cooke, S. Wilminor.	do.	360.00	
Crook, Stanley.	do.	150.00	
Crozier, Thomas H.	do.	340.00	
Davies, Philip M.	do.	150.00	
Davis, Frank E.	do.	48.00	
Deaderick, David A.	do.	76.00	
Desmond, Leonard.	do.	242.00	
Dewar, Edwin S.	do.	360.00	
Dix, Russell H.	do.	60.00	
Dunn, Cleon A.	do.	360.00	



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Finch, Floyd F.	Messenger or messenger boy, at \$360.	\$10.00	
Finch, Verne E.	do.	28.00	
Fitz John, Harry A.	do.	360.00	
Fratcher, Edward	do.	360.00	
Geise, Gustave C.	do.	90.00	
Grosjean, Andrew C.	do.	75.00	
Guard, Ira O.	do.	210.00	
Hadfield, Oscar D.	do.	250.00	
Halstead, Harold G.	do.	256.00	
Hamilton, Robert M.	do.	116.00	
Heslin, John R.	do.	139.00	
Holznecht, Charles A.	do.	197.00	
Horton, Wilfred A.	do.	165.00	
Howie, J. Edward	do.	360.00	
Hudson, Joseph H.	do.	360.00	
Johnson, Paul E.	do.	300.00	
Jones, J. Edward	do.	37.00	
Jones, Matthew G.	do.	295.00	
Kautz, Albert G. J.	do.	360.00	
Keenan, Harold T.	do.	90.00	
Kendall, Martin L.	do.	44.00	
Kingsbury, Charlie P.	do.	121.00	
Larkin, Harry J.	do.	306.00	
Lieder, Robert W.	do.	15.00	
Lippert, Rudolph E.	do.	360.00	
McKernon, Vaughn W.	do.	69.00	
Maloney, H. Ray	do.	96.00	
Marbury, Herbert B.	do.	30.00	
Martin, Morton S.	do.	137.00	
Metzalf, Harry C.	do.	90.00	
Moore, Howard J.	do.	60.00	
Naughton, Percy J.	do.	360.00	
Nelson, Carl G.	do.	55.00	
Oakley, Howard E.	do.	360.00	
Oeser, Max F.	do.	120.00	
Offer, William	do.	174.00	
Olmstead, Frank R.	do.	199.00	
Orr, Albert F.	do.	239.00	
Ostendorf, Mark J.	do.	87.00	
Peters, Eugene M.	do.	278.00	
Raidt, Charles W.	do.	75.00	
Reed, Thomas R.	do.	90.00	
Rhea, William E.	do.	360.00	
Rosner, Henry E.	do.	23.00	
Rudolph, Lawrence	do.	71.00	
Sather, Gerhard G.	do.	219.00	
Scott, John E.	do.	256.00	
See, Charles	do.	51.00	
Seelinger, Roy E.	do.	48.00	
Selley, Harvey L.	do.	345.00	
Siegrist, Theodore C.	do.	162.00	
Slama, Harry F.	do.	360.00	
Small, Vernon E.	do.	6.00	
Smith, C. Frank	do.	248.00	
Spinks, Louis A.	do.	49.00	
Stansberry, John H.	do.	76.00	
Staples, Henry L.	do.	360.00	
Trattner, Emanuel	do.	360.00	
Tufts, Charles A.	do.	86.00	
Upson, Arthur G.	do.	30.00	
Wade, Roy W.	do.	21.00	
Wahlgren, Harry F.	do.	206.00	
Wells, Sylvan A.	do.	17.00	
Williams, Henry	do.	74.00	
Viehman, Theodore A.	do.	325.00	
Zwingle, Herbert	do.	100.00	
Boucher, Charles M.	Station agent, at \$300	300.00	
Brooks, Eva M.	do.	300.00	\$20.10
Lovett, George L.	do.	300.00	
Adams, Frank N.	Student assistant, at \$300	20.00	
Adams, George B.	do.	300.00	32.30
Buhler, Frederick G.	do.	300.00	
Cogswell, Daniel B.	do.	244.17	62.92

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Evans, John B.	Student assistant, at \$300.	\$200.00	
Killean, William	do.	300.00	
Lund, Russell F.	do.	57.50	
Mears, John H.	do.	275.00	
Van Cleef, Eugene	do.	255.83	
Miller, B. H.	Temporary printer, at \$3.75 per day	56.25	
Bright, Charles B.	Temporary printer, at \$3.35 per day	36.85	
Clifford, Warren H.	Temporary printer, at \$3.33½ per day	60.00	
Gordon, W. J.	Temporary printer, at \$3.20 per day	6.40	
Miller, B. H.	do.	41.60	
Banks, J. J.	Temporary printer, at \$3 per day	12.00	
Brady, Eugene E.	do.	3.00	
Caldwell, Frederick E.	do.	36.00	
Dowd, J. Philip	do.	13.50	
Nichols, A. B.	do.	48.00	
Shantz, Wayne S.	do.	54.00	
Wolkos, Edmund	do.	60.00	
Zwingle, Wade G.	do.	54.00	
Kuppler, Carl F.	Temporary printer, at \$18 per week	39.00	
Christy, S. A.	Temporary printer, at \$2.90 per day	50.39	
Pauley, Chas. E.	do.	7.61	
Davis, William E.	Temporary printer, at \$2.75 per day	44.55	
Smith, F. J.	Temporary printer, at \$16 per week	87.99	
McRary, Vernon F.	Temporary printer, at \$2.50 per day	29.38	
Marcom, J. W.	do.	8.12	
Brown, Evans	Temporary messenger boy, at \$2 per day	10.00	
Albert, Oscar H.	Temporary assistant, at \$2 per day	80.00	
Brandenburg, Harmon P.	do.	34.00	
DeGraw, Paul	do.	28.00	
Farmer, Joseph S.	do.	34.00	
Garrett, John G.	do.	22.00	
Klock, Charles	do.	5.00	
Smith, Thomas F.	do.	12.00	
Yung, Frank	do.	22.00	
Bye, Oscar W.	Temporary repairman, at \$2 per day	80.00	
Hart, Howard G.	do.	60.00	
Hopf, Paul T.	do.	4.00	
Maxwell, Lenora	do.	30.00	
Maxwell, L. V.	do.	62.00	
Parrott, Loring S.	do.	40.00	
Duff, Fenton H.	Temporary assistant, at \$1.50 per day	9.00	
Foust, J. D.	do.	29.25	
Moore, Edwin C.	do.	3.00	
Wallace, Clyone A.	do.	45.00	
Ward, Raymond W.	Temporary repairman, at \$1 per day	26.00	
Barham, Guy	Temporary messenger, at \$1 per day	16.00	
Bentley, George	do.	1.00	
Billy, Thomas	do.	9.00	
Boyd, Howard M.	do.	1.00	
Boyer, Viola A.	do.	5.00	
Brewster, James A.	do.	16.00	
Burchfield, James R.	do.	3.00	
Carlson, Eric J.	do.	26.00	
Carmody, William R.	do.	14.00	
Clark, Roy	do.	37.00	
Crook, Stanley	do.	6.00	
Davies, Philip M.	do.	61.00	
Davis, Frank E.	do.	6.00	
Deaderick, D. A.	do.	12.00	
Dewberry, William B.	do.	25.00	
Diether, Ray	do.	17.00	
Doty, Lewis A.	do.	22.00	
Erickson, Oscar E.	do.	4.00	
Finch, Floyd F.	do.	43.00	
Finch, Verne E.	do.	1.00	
Fugmann, Milton J.	do.	9.00	
Golden, Mary C.	do.	15.00	
Grosjean, C. Andrew	do.	13.00	
Harker, H. R.	do.	23.00	
Hazen, John M.	do.	10.00	
Hecox, Paul W.	do.	6.00	
Henry, Ray	do.	26.00	
Hoffschmidt, Philip J.	do.	77.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Weather Bureau, 1907, \$541,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Holznecht, C. A.	Temporary messenger, at \$1 per day	\$1.00	
Hull, Calvin E.	do.	14.00	
Johnson, Harry	do.	1.00	
Jones, Matthew G.	do.	11.00	
Kanitz, Irving	do.	43.00	
Kendall, Martin L.	do.	50.00	
Luethi, A. D.	do.	1.00	
McCloskey, Edwin D.	do.	29.00	
McKernon, Vaughn W.	do.	18.00	
Maloney, H. Ray	do.	20.00	
Meade, Merritt M.	do.	24.00	
Minton, Glenn F.	do.	35.00	
Oeser, Max F.	do.	33.00	
Offer, Albert	do.	13.00	
Offer, William	do.	16.00	
Ostendorf, Mark J.	do.	20.00	
Parker, Howard B.	do.	28.00	
Reilly, Hugh, jr.	do.	8.00	
Robinson, Harry T.	do.	47.00	
Rosner, Henry E.	do.	13.00	
Rudolph, Lawrence	do.	28.00	
Sather, Gerhard G.	do.	39.00	
Schwartz, Arthur	do.	28.00	
Seelinger, Roy E.	do.	10.00	
Selley, Harvey L.	do.	12.00	
Spann, Jack	do.	42.00	
Stansberry, John H.	do.	11.00	
Steinegger, William F.	do.	24.00	
Wells, Sylvan A.	do.	25.00	
Wilkinson, W. K.	do.	2.00	
Williams, Henry	do.	10.00	
Wilson, Thomas A.	do.	10.00	
Winther, Howard D.	do.	44.00	
Zwingle, Herbert	do.	12.00	
Paul, Lulu Jean	Temporary messenger, at \$8 per month	1.60	
Total		519,802.31	
<i>In Washington.</i>			
Abbe, Cleveland	Professor of meteorology, at \$3,000	3,000.00	\$19.16
Bigelow, Frank H.	do.	2,866.67	461.25
Garriott, Edward B.	do.	3,000.00	89.25
Marvin, Charles F.	do.	3,000.00	49.50
Frankenfield, Harry C.	Professor of meteorology, at \$2,500 and at \$3,000	2,541.66	647.33
Henry, A. J.	do.	2,541.66	83.65
Berry, James	Chief of climatological division, at \$2,750	2,750.00	3.00
Geddings, Richard M.	Observer, at \$1,200	1,200.00	
Total		20,899.99	
Total amount of appropriation			\$541,550.00
Total expenditures under above group			540,702.30
Unexpended balance			847.70

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Barber, John T.....	Composer, at \$1,250.....	\$48.62	
Balster, John A.....	Folder and feeder, at \$720.....	36.00	
Fowler, Archibald W.....	do.....	12.00	
Samuel, Frank K.....	do.....	46.00	
Total.....		142.62	
<i>Out of Washington.</i>			
Bengston, Joseph.....	Rainfall observer, at \$10 per month.....	54.00	
Skar, John.....	do.....	22.00	
Morebeck, Theodore C., jr.....	Rainfall observer, at \$7.50 per month.....	90.00	
Bauman, Peter T.....	Rainfall observer, at \$7 per month.....	52.75	
Do.....	Rainfall observer, at \$3 per month <sup>a</sup> .....	10.00	
Willis, Wilbur F.....	Rainfall observer, at \$7 per month.....	28.00	
Stevens, A. E.....	Rainfall observer, at \$5 per month.....	30.00	
Battle, Gaston.....	Rainfall observer, at \$3 per month.....	36.00	
Blow, Sparta E.....	do. <sup>a</sup> .....	16.50	
Brown, Wm. H.....	do. <sup>a</sup> .....	16.25	
Caldwell, R. L.....	do.....	16.50	
Calhoun, M. M.....	do.....	16.50	
Campbell, Julia A.....	do.....	36.00	
Clark, Helen M.....	do.....	18.00	
Collins, D. K.....	do.....	36.00	
Cox, C. D.....	do.....	16.50	
Cruse, Rufus.....	do. <sup>a</sup> .....	36.25	
Cummings, L. B.....	do. <sup>a</sup> .....	19.00	
Davant, Laura E.....	do. <sup>a</sup> .....	36.25	
Elder, William C.....	do.....	36.00	
Enloe, V. P.....	do.....	16.75	
Erwin, Ella.....	do. <sup>a</sup> .....	38.75	
Gaillard, B. P.....	do.....	36.00	
Gladney, Stella.....	do. <sup>a</sup> .....	3.75	
Goley, W. R.....	do.....	36.00	
Hale, G. W. B.....	do.....	36.00	
Jewett, Alice G.....	do.....	36.00	
King, Joel W.....	do.....	20.80	
Mathews, W. E.....	do.....	36.00	
Miley, Adolyn G.....	do. <sup>b</sup> .....	39.50	
Miller, Lee F.....	do. <sup>a</sup> .....	37.00	
Milner, Ida J.....	do.....	10.50	
Milner, Mary.....	do.....	6.00	
Moore, Alice F.....	do.....	18.00	
Newton, E. A.....	do.....	16.50	
Pledge, Bell D.....	do.....	36.00	
Redd, E. M.....	do.....	36.00	
Russell, E. H.....	do.....	36.00	
Rynearson, W. S.....	do.....	36.00	
Smith, Ella B.....	do.....	16.50	
Spencer, Walter B.....	do. <sup>b</sup> .....	47.50	
Talley, R. K.....	do.....	36.00	
Unumb, P. O.....	do.....	18.00	
Walker, Wm. C.....	do.....	16.50	
Whisler, Howard F.....	do.....	36.00	
Wilder, Thos. B.....	do.....	36.00	
Wilson, Daniel.....	Rainfall observer, at 75 cents per observation.....	6.75	
Anderson, A. G.....	Rainfall observer, at 50 cents per observation.....	3.50	
Brown, J. E.....	do.....	4.00	
Crawford, William A.....	do.....	4.50	
De Long, G. E.....	do.....	1.50	
Duckworth, F. W.....	do.....	7.50	
Fairchild, C. L.....	do.....	6.00	
Ferguson, H. S.....	do.....	.50	
Hayes, Mary A.....	do.....	6.50	
Kelly, Sylvenus.....	do.....	2.00	
Kiefer, R. J.....	do.....	2.00	
Kissinger, Charles E.....	do.....	3.50	
Laird, Jacob.....	do.....	10.00	
McSheehy, H. J.....	do.....	4.50	

<sup>a</sup> 25 cents for each observation in addition to one a day.

<sup>b</sup> 50 cents for each observation in addition to one a day.



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Moffett, C. W.	Rainfall observer, at 50 cents per observation.	\$1.00	
Murphy, H. N.	do.	2.50	
Nicholson, R. B.	do.	8.00	
Pomeroy, Jas. T.	do.	9.50	
Raffensferger, E. H.	do.	4.00	
Roberts, John K.	do.	11.00	
Scoville, E. R.	do.	4.00	
Stokey, Charles F.	do.	1.00	
Warner, F. C.	do.	3.00	
Williams, A. R.	do.	1.00	
Willson, Clyde J.	do.	7.50	
Wright, Edward F.	do.	9.00	
Bailey, Wm. Curtiss.	Rainfall observer, at 25 cents per observation.	1.00	
Carter, Ethel M.	do.	1.25	
Dorn, George.	do.	.50	
Moon, Emery P.	do.	.25	
Allen, Grover C.	Cotton region observer, at 20 cents per observation.	15.20	
Allred, James S.	do.	24.00	
Anthony, William B.	do.	39.80	
Arms, William S.	do.	13.40	
Babb, F. A.	do.	39.80	
Bainbridge, Wm.	do.	20.80	
Ballard, O. O.	do.	38.80	
Barkdull, Chas. R.	do.	24.20	
Barr, William Y.	do.	39.60	
Bee, Robert W.	do.	39.80	
Behymer, John L.	do.	38.60	
Bell, A. M.	do.	39.80	
Bills, John D.	do.	39.80	
Blount, H. W.	do.	39.80	
Bohannon, Annie M.	do.	39.80	
Bowles, H. D.	do.	31.60	
Brislin, Andrew	do.	39.80	
Brooks, E. G.	do.	18.40	
Brosnan, Geo. C.	do.	39.60	
Burke, E. B.	do.	39.80	
Burke, R. S.	do.	39.80	
Caldwell, R. L.	do.	39.80	
Calhoun, M. M.	do.	39.80	
Canada, J. M.	do.	39.80	
Cantwell, O. F.	do.	39.80	
Carleton, F. E.	do.	39.80	
Carriger, Earnest, A.	do.	39.80	
Carter, John.	do.	39.80	
Chapman, J. A.	do.	39.80	
Clark, Randal W.	do.	39.00	
Coleman, —	do.	39.80	
Cooper, Henry S. S.	do.	39.60	
Cowan, P. L.	do.	39.80	
Cox, C. D.	do.	39.80	
Cox, J. M.	do.	39.80	
Crawford, Jas. T.	do.	39.80	
Crawford, Mary V.	do.	39.80	
Crisler, Henry H.	do.	39.80	
Crist, R. C.	do.	34.40	
Crittenden, Sarah A.	do.	39.80	
Davidson, James J.	do.	39.80	
Davis, B. M.	do.	39.80	
Davis, George O.	do.	24.60	
Deignan, Florence.	do.	39.80	
Dunn, E. L.	do.	39.80	
Edler, Wallace C.	do.	39.80	
Eisenlohr, G. A.	do.	39.80	
Ellis, E. I.	do.	39.80	
Ellsworth, A. M.	do.	39.80	
Enloe, Nathaniel O.	do.	15.20	
Enloe, V. P.	do.	39.80	
Etheridge, A. T. B.	do.	39.80	
Eubank, E. M.	do.	39.20	
Fennel, Perryman H.	do.	15.20	
Ford, Lizzie C.	do.	39.80	



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Forster, J. G.....	Cotton region observer, at 20 cents per obser- vation.	\$39.80	.....
Frobese, H. R.....	do.....	39.80	
Gibbs, R. A.....	do.....	38.20	
Gibson, E. L.....	do.....	39.80	
Gilbert, H. K.....	do.....	39.80	
Glover, Charles A.....	do.....	2.20	
Godfrey, L. D., jr.....	do.....	39.80	
Godfrey, W. R.....	do.....	39.80	
Graham, Eva T.....	do.....	39.60	
Granberry, Joseph D.....	do.....	15.20	
Hall, E. H.....	do.....	39.80	
Harbison, M. G.....	do.....	39.80	
Harris, Francis B.....	do.....	39.80	
Hawkins, Curtis.....	do.....	24.60	
Heath, Charles J.....	do.....	8.00	
Hetherwick, Clarence, jr.....	do.....	39.80	
Hiers, Aquilla R.....	do.....	37.60	
Higgins, Annie L.....	do.....	5.80	
Hill, James B.....	do.....	39.80	
Hillhouse, A. B.....	do.....	39.80	
Hite, E. J.....	do.....	39.80	
Hodges, Harmon A.....	do.....	9.00	
Hofman, Mary.....	do.....	39.80	
Hogins, J. F.....	do.....	39.80	
Horry, A. R.....	do.....	39.80	
Honk, Nelson.....	do.....	39.80	
Hudson, J. H.....	do.....	39.80	
Hughs, Fanny M.....	do.....	14.40	
Hunter, William S.....	do.....	24.60	
Hurt, Theodore.....	do.....	24.60	
Hutson, James G.....	do.....	39.80	
Jones, A. B.....	do.....	39.80	
Jones, Josephine G.....	do.....	39.80	
Jones, Tempest E.....	do.....	39.20	
Kaiser, Geo.....	do.....	39.80	
King, R. L.....	do.....	39.80	
Kitchell, H. G.....	do.....	39.80	
Knight, Maude E.....	do.....	39.60	
Lange, G. D. C.....	do.....	24.60	
Lange, Mathilda E.....	do.....	15.20	
Larimer, Samuel R., jr.....	do.....	6.00	
Lewis, G. F.....	do.....	39.80	
Long, J. W.....	do.....	38.40	
Longserre, C. D.....	do.....	39.80	
Lore, F. G.....	do.....	39.80	
Lucas, E. L.....	do.....	39.80	
McCall, James G.....	do.....	39.80	
McCall, James P.....	do.....	.60	
McCollister, Jessie O.....	do.....	40.00	
McComb, M. G.....	do.....	39.60	
McCook, Anna R.....	do.....	33.40	
Mann, C. E.....	do.....	39.80	
Markham, T. R.....	do.....	11.60	
Markham, Wm. H.....	do.....	39.60	
Milner, Ida J.....	do.....	15.20	
Milner, Mary.....	do.....	24.60	
Moore, Samuel.....	do.....	39.80	
Mosby, Langston B.....	do.....	39.80	
Moses, R. Y.....	do.....	39.80	
Nash, M. J.....	do.....	8.20	
Newman, Isadore.....	do.....	39.80	
Newton, E. A.....	do.....	39.80	
Nisbett, Herschel T.....	do.....	39.80	
Norris, Charles.....	do.....	12.20	
Orr, Bertha D.....	do.....	39.80	
Owen, Walter A.....	do.....	18.40	
Parish, J. L.....	do.....	39.80	
Parramore, P. J.....	do.....	16.80	
Penn, Maud C.....	do.....	39.80	
Propst, C. A.....	do.....	39.80	
Read, A. H., jr.....	do.....	39.80	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Regan, J. P.....	Cotton region observer, at 20 cents per observation.	\$39.80	.....
Roberts, Quarles M.....	do.	9.80	.....
Robinson, F. P.....	do.	39.80	.....
Roderick, John F.....	do.	24.00	.....
Roos, Achille L.....	do.	16.60	.....
Ruffin, James S.....	do.	39.80	.....
Rutherford, Mary.....	do.	15.20	.....
St. Clair, Elmer E.....	do.	15.20	.....
Sasser, Thos.....	do.	39.80	.....
Savage, W. J.....	do.	39.80	.....
Scott, J. A.....	do.	39.80	.....
Shafer, John O.....	do.	15.00	.....
Shannon, F. W.....	do.	36.80	.....
Shell, D. H.....	do.	39.80	.....
Sinclair, Martha A.....	do.	39.80	.....
Sloan, J. F.....	do.	6.20	.....
Sloan, J. G.....	do.	18.40	.....
Smith, Ella B.....	do.	39.80	.....
Smith, L. A.....	do.	39.00	.....
Smith, L. C.....	do.	39.80	.....
Smith, Mary A.....	do.	39.80	.....
Smith, Pearl.....	do.	38.40	.....
Steele, David A.....	do.	24.60	.....
Stickfort, Joe.....	do.	39.60	.....
Stone, Louise C.....	do.	39.80	.....
Taylor, Nettie B.....	do.	39.80	.....
Terrill, Allen D.....	do.	15.20	.....
Thorne, Chas. E.....	do.	24.60	.....
Towers, C. Lloyd.....	do.	29.40	.....
Towers, Edna B.....	do.	10.40	.....
Towers, W. M. jr.....	do.	39.80	.....
Turnham, Shapleigh Ross.....	do.	3.00	.....
Tuttle, Chas L.....	do.	15.20	.....
Twitty, Annie L.....	do.	38.80	.....
Vann, Enoch J.....	do.	15.00	.....
Walker, R. W.....	do.	24.60	.....
Walker, William C.....	do.	15.20	.....
Wannamaker, J. S.....	do.	39.80	.....
Webber, K. I.....	do.	39.60	.....
Weir, Elmer S.....	do.	39.80	.....
Wintz, Lulla M.....	do.	39.80	.....
Whitcomb, Robt. L.....	do.	15.20	.....
White, John A.....	do.	39.80	.....
Whitlock, J. B.....	do.	39.80	.....
Whitson, H. L. D.....	do.	39.80	.....
Wimberley, Clara O.....	do.	37.80	.....
Yerby, Wm. E. W.....	do.	9.40	.....
Abell, J. J.....	Corn and wheat observer, at 20 cents per observation.	36.60	.....
Adams, E. H.....	do.	36.60	.....
Adams, H. K.....	do.	36.60	.....
Adkins, Anna L.....	do.	36.60	.....
Alcorn, Lucien C.....	do.	36.60	.....
Allard, D. N.....	do.	36.40	.....
Anderson, A. G.....	do.	36.60	.....
Atkinson, Jno. D.....	do.	36.60	.....
Barnes Eli A.....	do.	36.60	.....
Bastien, E. A.....	do.	36.60	.....
Bates, John J.....	do.	36.20	.....
Benecke, Louis.....	do.	36.60	.....
Berry, Henry S.....	do.	17.20	.....
Blachly, C. P.....	do.	36.60	.....
Bock, A.....	do.	36.60	.....
Bogan, J. F.....	do.	18.40	.....
Bornemann, Wm.....	do.	36.60	.....
Boyer, Edith E. L.....	do.	36.60	.....
Breiner, Wm.....	do.	36.60	.....
Brink, J. R.....	do.	36.60	.....
Brown, Jas. L.....	do.	24.40	.....
Buckles, Alfred Y.....	do.	18.20	.....
Carlson, Andrew J.....	do.	10.60	.....

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Carpenter, W. I.	Corn and wheat observer, at 20 cents per observation.	\$36.60	
Carrington, George D.	do.	36.60	
Carter, Laura M.	do.	18.40	
Carter, Sarah E.	do.	18.20	
Cassidy, Samuel C.	do.	18.20	
Causey, L. G.	do.	36.60	
Chenowith, John I.	do.	36.60	
Clingman, G. S.	do.	36.60	
Coonradt, Jacob H.	do.	36.60	
Courtright, Samuel W.	do.	36.60	
Cramb, W. F.	do.	36.60	
Crooke, John W.	do.	36.60	
Davis, Edna J.	do.	36.60	
Davis, Geo. W.	do.	36.60	
Davis, Lewis E.	do.	36.60	
Davison, W. J.	do.	36.60	
Delano, W. H.	do.	36.60	
Doolittle, Francis C.	do.	18.20	
Doolittle, Jessie W.	do.	18.40	
Downey, C. W.	do.	36.00	
Ducharme, John	do.	36.60	
Dumas, Harry	do.	18.40	
Dunham, R. E.	do.	36.60	
Eckstein, Andrew J.	do.	36.60	
Estabrook, Geo. R.	do.	6.00	
Ewing, D. E.	do.	36.60	
Faxon, George B.	do.	36.60	
Fisher, Wm. L.	do.	36.60	
Frick, Jno. H.	do.	36.60	
Gallett, D. G.	do.	36.60	
Gaston, Wm. L.	do.	36.60	
Goodell, J. W.	do.	18.40	
Gray, Clinton C.	do.	36.60	
Greene, Wm. J.	do.	36.60	
Greening, C. F.	do.	36.60	
Guthe, Karl E.	do.	36.60	
Haberlein, Ed. F.	do.	36.60	
Hadden, David E.	do.	36.60	
Haight, H. H.	do.	36.60	
Harris, Geo.	do.	36.60	
Heilshorn, John F.	do.	36.60	
Henderson, W. H.	do.	36.60	
Henning, Carl F.	do.	36.60	
Herrmann, Charles	do.	18.20	
Higginbotham, R. L.	do.	36.60	
Hinman, Bertha M.	do.	17.00	
Holstrom, Aaron	do.	36.40	
Hood, James F.	do.	36.60	
Hopley, James R.	do.	36.40	
Hughes, Frank A.	do.	36.60	
Ivanoff, Petko L.	do.	36.60	
Jones, Elizabeth	do.	30.60	
Jones, Wm. James, jr.	do.	36.60	
Judd, John	do.	33.60	
Katzenberger, George A.	do.	36.60	
Keithly, J. W.	do.	36.60	
Kuhlman, Josie B.	do.	35.20	
Lamkin, Frank	do.	18.40	
Landis, John H.	do.	36.60	
Lane, Cory L.	do.	36.60	
Lester, E. W.	do.	36.40	
Liggett, Ida M.	do.	18.00	
List, Garrett V.	do.	18.20	
Llewellyn, J. F.	do.	36.60	
Lorback, David	do.	36.60	
Maple, Chas. O.	do.	36.60	
Marsh, Mary D.	do.	36.60	
Massena, Chas.	do.	18.20	
Mikesell, Thomas	do.	36.60	
Monk, John F.	do.	36.20	
Moser, E. A.	do.	36.60	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Moyer, Lloyd G. ....	Corn and wheat observer, at 20 cents per observation.	\$36.60	.....
Mullen, L. ....	do.	36.60	.....
Nesbit, M. ....	do.	36.60	.....
Newton, Martin L. ....	do.	36.60	.....
Nicholson, W. J. ....	do.	18.40	.....
O'Connell, James ....	do.	35.80	.....
Parmelee, John B. ....	do.	36.60	.....
Patterson, M. ....	do.	18.40	.....
Peltier, Allie. ....	do.	36.60	.....
Peoples, G. W. ....	do.	36.60	.....
Perry, John A. ....	do.	36.40	.....
Peters, John A. ....	do.	36.60	.....
Peterson, Augustus O. ....	do.	36.20	.....
Phillips, Victor E. ....	do.	36.60	.....
Pike, Maude S. ....	do.	36.60	.....
Poling, Nella. ....	do.	36.60	.....
Porter, Hosmer C. ....	do.	36.60	.....
Preissler, H. W. ....	do.	34.80	.....
Quamme, Joseph. ....	do.	25.60	.....
Randle, Wilbur F. ....	do.	36.60	.....
Ransom, F. L. ....	do.	36.00	.....
Rush, Jno. M. ....	do.	17.40	.....
Rush, N. M. ....	do.	18.40	.....
Salick, Charles J. ....	do.	36.60	.....
Sharp, A. J. ....	do.	36.60	.....
Sharp, J. F. ....	do.	36.60	.....
Shaver, E. A. ....	do.	12.20	.....
Shaw, Mabel S. ....	do.	36.60	.....
Sheldon, Albert. ....	do.	18.20	.....
Sheridan, Mary W. C. ....	do.	36.60	.....
Shontz, Isaac S. ....	do.	36.60	.....
Shutt, Paul P. ....	do.	33.40	.....
Starks, Ralph V. ....	do.	18.20	.....
Stelle, Theo. P. ....	do.	18.20	.....
Stokey, Charles F. ....	do.	36.60	.....
Swaim, Henry H. ....	do.	36.60	.....
Swartz, John C. ....	do.	13.60	.....
Swift, Emma. ....	do.	36.60	.....
Talbot, Geo. M. ....	do.	36.60	.....
Turrell, H. B. ....	do.	35.80	.....
Unumb, P. O. ....	do.	36.40	.....
Van Fleet, P. B. ....	do.	35.60	.....
Van Sandt, A. S. ....	do.	36.60	.....
v. Mansfelde, A. S. ....	do.	36.60	.....
Walling, P. A. ....	do.	36.60	.....
Warner, F. C. ....	do.	36.40	.....
Webb, M. A. ....	do.	36.60	.....
White, Fred U. ....	do.	36.60	.....
White, W. C. ....	do.	36.60	.....
Whiteley, Isaac L. ....	do.	36.60	.....
Wood, Chas. E. ....	do.	36.60	.....
Wood, E. W. ....	do.	18.40	.....
Woodward, I. L. ....	do.	36.60	.....
Woodward, Truman S. ....	do.	36.60	.....
Woolner, James. ....	do.	35.20	.....
Brice, James Y. ....	River observer, at \$10 per month.	120.00	.....
Briggs, E. G. ....	do. <sup>a</sup>	83.75	.....
Denny, William P. ....	do.	120.00	.....
Duncan, Helen T. ....	do.	120.00	.....
Glover, Amelia. ....	do.	120.00	.....
Helm, Lattus C. ....	do.	57.75	.....
Do. ....	River observer, at \$7 per month.	42.00	.....
Hillhouse, George A. ....	River observer, at \$10 per month.	48.33	.....
Joyce, W. A. ....	do.	60.00	.....
Kelly, Harry H. ....	do.	120.00	.....
Lightner, S. W. ....	do.	120.00	.....
McMahon, Austin. ....	do.	75.00	.....
Modisett, B. F. ....	do.	120.00	.....
Richter, H. E. ....	do.	70.75	.....
Utley, B. J. ....	do.	120.00	.....

<sup>a</sup> 25 cents for each observation in addition to one a day.



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Brown, William C.	River observer, at \$9 per month.	\$108.00	
Breithaupt, Henry	River observer, at \$7.50 per month.	92.00	
Jaynes, C. E.	do.	67.50	
Van Gasken, W. P.	do.	67.50	
Albert, Daisy L.	River observer, at \$7 per month.	49.25	
Allen, H. D.	do.	84.00	
Anderson, Stephen B.	do.	84.00	
Andres, Perry	do. <sup>a</sup>	43.25	
Back, Louis	do.	28.00	
Baird, H. L.	do. <sup>a</sup>	84.25	
Baldwin, George W.	do.	28.00	
Bancaks, George F.	do.	84.00	
Barker, F. M.	do. <sup>b</sup>	62.75	
Beal, Fred	do. <sup>a</sup>	86.50	
Bernard, Amasa	do.	84.00	
Bibby, Richard	do.	35.25	
Bishop, Birdie E.	do.	49.00	
Blachly, C. P., jr.	do.	84.00	
Blackwell, W. L.	do.	42.00	
Blake, Sadie H.	do. <sup>a</sup>	85.00	
Bloss, Richard P.	do.	28.00	
Blundell, Sidney E.	do.	84.00	
Boone, A. L.	do. <sup>a</sup>	84.75	
Booze, D. D.	do. <sup>a</sup>	86.50	
Boyd, A. C.	do. <sup>a</sup>	85.00	
Bridge, H. P.	do.	50.75	
Brislin, C. F.	do. <sup>a</sup>	84.75	
Brockman, W. S.	do.	42.25	
Brosnan, S. W.	do. <sup>a</sup>	85.00	
Brown, Myron S.	do.	38.50	
Brown, Wyatt H.	do.	84.00	
Bruns Charles N.	do. <sup>a</sup>	85.00	
Buchanan, James C.	do.	84.00	
Budd, De Wayne B.	do. <sup>b</sup>	34.00	
Bull, H. E.	do. <sup>a</sup>	85.00	
Burtner, Anna R.	do. <sup>a</sup>	106.50	
Butler, William	do.	28.00	
Carr, J. C.	do.	84.00	
Carson, L. Guy	do. <sup>a</sup>	86.00	
Chipman, F. H.	do. <sup>a</sup>	42.75	
Clarke, Rodney G.	do.	84.00	
Clement, R. W.	do.	50.30	
Cline, W. M.	do.	38.50	
Cluett, Sanford L.	do.	28.00	
Coburn, M. E.	do. <sup>c</sup>	116.20	
Coleman, G. D.	do.	21.00	
Compton, James Z.	do.	11.45	
Cone, O. M.	do.	84.00	
Cosby, A. B.	do.	84.00	
Costigan, Lillie M.	do. <sup>b</sup>	34.00	
Covington, Jerry A.	do.	70.00	
Crawford, Annie C.	do.	84.00	
Crawford, R. W.	do.	44.75	
Crossen, Elmer W.	do.	49.00	
Crumbless, H.	do. <sup>d</sup>	130.35	
Cultbertson, Robert S.	do.	52.50	
Cullen, Arthur H.	do.	49.00	
Davis, Chattie May	do. <sup>a</sup>	91.00	
Dean, James L.	do.	42.00	
Deschneau, John.	do.	84.00	
Disney, C. P.	do.	70.00	
Dixon, F. E.	do. <sup>a</sup>	49.00	
Drewry, W. N.	do.	84.00	
Duncan, Thos. M.	do. <sup>a</sup>	92.00	
Dunn, E. N.	do.	84.00	
Edeler, James O.	do.	49.50	
Exner, Felix E.	do.	42.50	
Faires William S.	do.	84.00	

<sup>a</sup> 25 cents for each observation in addition to one a day.

<sup>b</sup> 50 cents for each observation in addition to one a day.

<sup>c</sup> 10 cents for each report delivered.

<sup>d</sup> 15 cents for each report delivered.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 'General expenses, Weather Bureau, 1907, \$630,000'—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fennell, Helen A.	River observer, at \$7 per month.	\$18.67	
Fisher, John W.	do. <sup>a</sup>	85.50	
Flagg, Lester L.	do.	49.25	
Flanagan, V. V.	do.	84.00	
Fogalsang, Frank M.	do. <sup>a</sup>	68.00	
Fonda, Simeon S.	do.	7.00	
Forney, E. L.	do. <sup>a</sup>	46.75	
Forsyth, E. A.	do. <sup>a</sup>	85.00	
Fowler, S. A.	do. <sup>a</sup>	84.50	
Gallagher, J. C.	do.	42.25	
George, David B.	do. <sup>a</sup>	49.25	
George, Harry.	do.	28.00	
Gillis, James A.	do.	84.00	
Gillum, R. G.	do.	55.50	
Do.	River observer, at \$3 per month.	9.00	
Glenn, William T.	River observer, at \$7 per month.	42.95	
Gollon, Frank L.	do. <sup>a</sup>	84.25	
Goodhue, D. P.	do. <sup>a</sup>	86.75	
Goodrich, R. C.	do.	84.00	
Grayson, Mary F.	do.	84.00	
Guise, H. H.	do. <sup>a</sup>	85.50	
Gurr, David.	do.	42.00	
Hall, Frank P.	do. <sup>a</sup>	94.75	
Hall, W. P.	do.	84.00	
Hansen, Peter.	do.	49.25	
Hanson, Aaron H.	do.	42.00	
Harbison, R. T.	do.	84.00	
Heath, Lela K.	do.	9.10	
Hemstreet, Obadiah.	do. <sup>a</sup>	84.50	
Henderson, W. P.	do.	14.00	
Hendricks, J. A.	do.	84.00	
Hicken, Wm. A.	do.	28.00	
Hoffman, Edward L.	do.	28.00	
Holland, John W.	do.	84.00	
Hollister, Abram M.	do.	28.00	
Holmes, Joseph R.	do.	84.00	
Holmes, Mary A.	do. <sup>a</sup>	86.50	
Holstein, A. L.	do.	84.00	
Holt, John.	do.	84.00	
Hornbrook, A. B.	do. <sup>a</sup>	87.50	
Howe, S. G.	do. <sup>a</sup>	86.00	
Hudson, James M.	do.	83.77	
Hurd, Wm. L.	do.	21.00	
Hutchison, Lon H.	do. <sup>a</sup>	84.25	
Hutton, Frank O.	do. <sup>a</sup>	49.50	
Johnson, W. R.	do.	24.50	
Jones, Milton R. R.	do.	56.25	
Keyser, J. F.	do. <sup>b</sup>	35.67	
Kirkbride, W. R.	do. <sup>a</sup>	85.50	
Kramer, Ella Lee.	do. <sup>a</sup>	93.75	
Laden, James H.	do. <sup>b</sup>	37.75	
Libby, Harry T.	do.	49.25	
Ligon, H. H.	do.	84.00	
Logan, Benjamin C.	do. <sup>a</sup>	85.25	
Long, Luther Street.	do. <sup>a</sup>	84.25	
Lorentz, E. C.	do. <sup>a</sup>	92.50	
Love, Joseph B.	do. <sup>a</sup>	84.50	
Lynch, J. R.	do.	49.00	
McAfee, J. M.	do. <sup>a</sup>	44.00	
McGowan, R. T.	do. <sup>a</sup>	107.75	
McLendon, James A.	do. <sup>b c</sup>	79.55	
McLeod, B. B.	do.	42.00	
McLeod, John E.	do.	84.00	
McMeekin, Thomas L.	do. <sup>a</sup>	84.75	
Mackey, John B.	do.	28.00	
Magnus, Theodore.	do.	52.50	
Mahoney, John B.	do.	28.00	
Mallachowitz, Clyde.	do.	35.00	
Marsh, H. N.	do. <sup>a</sup>	85.50	
Marsh, Stephen D.	do. <sup>b</sup>	34.50	

<sup>a</sup> 25 cents for each observation in addition to one a day.

<sup>b</sup> 50 cents for each observation in addition to one a day.

<sup>c</sup> 15 cents for each report delivered.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Marshall, Robert S.	River observer, at \$7 per month.	\$21.00	
Martin, Walter E.	do.	84.00	
Mason, Joel M.	do. <sup>a</sup>	84.75	
Mathews, Sallie B.	do. <sup>a</sup>	84.50	
Maushund, Chas. T.	do.	84.00	
Meldan, John A.	do.	27.30	
Miller, Jacob.	do. <sup>a</sup>	85.00	
Mims, M. J.	do. <sup>a</sup>	28.75	
Molis, William P.	do.	42.00	
Monroe, G. H.	do. <sup>a</sup>	46.00	
Moore, Henry.	do.	49.00	
Morrison, Chester L.	do. <sup>a</sup>	55.18	
Nafus, Nelle.	do.	84.00	
Nease, William B.	do.	28.00	
Nellis, Annie V.	do.	84.00	
Norton, D. A.	do. <sup>a</sup>	48.00	
Norton, M.	do.	49.50	
Oleson, Eric.	do.	14.25	
Orr, H. S.	do.	84.00	
Oswald, G. W.	do.	84.00	
Palmer, W. G.	do.	63.00	
Park, John F.	do.	84.00	
Payne, A. B.	do. <sup>a</sup>	89.50	
Payton, J. E.	do.	84.00	
Pegram, Geo. E.	do.	85.27	
Perley, Frank A.	do.	42.00	
Phillips, H. M.	do. <sup>b</sup>	116.45	
Pickard, Peter C.	do.	28.00	
Pickering, Earl C.	do. <sup>a</sup>	84.25	
Pipal, Henry E.	do. <sup>a</sup>	53.75	
Plantz, Jerry S.	do. <sup>a</sup>	86.25	
Powe, J. H.	do. <sup>a</sup>	85.25	
Proudfoot, F. R.	do. <sup>a</sup>	92.50	
Purcell, Thomas.	do.	84.00	
Pyle, Grant.	do.	13.57	
Quackenbush, William.	do.	28.00	
Quarterman, Robert H.	do.	42.00	
Randecker, Calvin.	do. <sup>c</sup>	138.75	
Rankin, James T.	do.	84.00	
Reed, Seth A.	do.	28.00	
Reynolds, Jas. W.	do.	84.00	
Rinkle, Maggie.	do. <sup>a</sup>	160.75	
Rist, D. D.	do. <sup>a</sup>	84.50	
Roberts, Arthur.	do. <sup>a</sup>	85.50	
Roberts, Luke.	do.	42.00	
Rodibaugh, L. C.	do. <sup>a</sup>	96.25	
Roers, F. R.	do.	40.83	
Roos, Fanny B.	do.	55.23	
Rothenburg, Jno. W.	do.	14.00	
Rousseau, Eugene.	do.	52.50	
Schaefer, Gustave.	do.	84.00	
Schaum, Cora A.	do. <sup>a</sup>	84.25	
Seamands, Oscar A.	do.	14.00	
Shaughnessy, Jas. J.	do.	84.00	
Sheafe, Lemuel B.	do.	49.25	
Sherman, J. H.	do.	84.00	
Shuler, Charles T.	do. <sup>a</sup>	84.75	
Sickenberger, Louis F.	do.	84.00	
Siekman, A. F.	do. <sup>a</sup>	43.75	
Simpson, Jas. K.	do. <sup>a</sup>	93.25	
Sinclair, William F.	do.	49.00	
Sisson, Frank.	do.	28.00	
Smith, David W.	do. <sup>a</sup>	86.25	
Smith, Josie G.	do.	84.00	
Smith, Lebert.	do.	7.00	
Smith, Mary S.	do.	42.00	
Spencer, Thomas C.	do. <sup>d</sup>	94.00	
Spencer, Addison M.	do.	28.00	

<sup>a</sup> 25 cents for each observation in addition to one a day.

<sup>b</sup> 50 cents for each observation in addition to one a day.

<sup>c</sup> 15 cents for each report delivered.

<sup>d</sup> 25 cents for each report delivered.



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Spencer, Charles M.	River observer, at \$7 per month <i>a</i>	\$84.50	
Sprague, Catharine	do. <i>a</i>	85.75	
Stanton, J. Clark	do.	35.25	
Starkweather, H. H.	do.	84.00	
Stearns, William E.	do.	14.00	
Stigall, C. G.	do. <i>b</i>	115.20	
Stone, Clark W.	do.	84.00	
Stone, Sydney M.	do. <i>a</i>	51.50	
Stoner, J. H.	do. <i>a</i>	84.25	
Streeter, Hiram R.	do. <i>c</i>	28.05	
Swann, J. E.	do. <i>c</i>	59.75	
Swift, N. O.	do.	49.00	
Teter, L. I.	do. <i>a</i>	84.25	
Thompson, John	do.	84.00	
Thompson, Joseph B.	do.	61.75	
Thompson, J. K.	do.	49.00	
Toogood, R. S.	do.	84.00	
Towers, W. M.	do. <i>a</i>	87.00	
Tucker, J. J.	do.	84.00	
Turk, H.	do. <i>a</i>	109.50	
Van Gieson, Aaron R.	do.	84.00	
Venable, Lula E.	do.	84.00	
Vrooman, Edward A.	do.	28.00	
Walter, Joseph S.	do.	83.30	
Ward, John M.	do. <i>a</i>	84.25	
Watkins, C. G.	do.	84.00	
Weeks, J. T.	do. <i>a</i>	84.75	
Weir, John C., jr.	do.	84.00	
Welch, Clint.	do.	42.00	
Wentworth, H. A.	do.	42.00	
Wheeler, A. L.	do.	7.00	
White, Lawrence.	do. <i>c</i>	51.25	
Wilkinson, Roscoe T.	do.	52.75	
Willis, J. L.	do.	83.77	
Willis, L. W.	do. <i>a</i>	63.00	
Wintermute, F. C.	do.	86.00	
Wolfe, William B.	do.	84.00	
Wood, William	do.	84.00	
Wright, G. A.	do. <i>c</i>	49.50	
Do.	River observer, at \$3 per month	13.50	
Wyman, W. S.	River observer, at \$7 per month <i>a</i>	86.25	
Yager, Franklin	do. <i>a</i>	85.75	
York, C. V.	do.	84.00	
Young, Charles W.	do.	28.00	
Zimmerman, Wm. E.	do.	14.00	
Angell, W. V.	River observer, at \$6 per month	15.00	
Bellamy, D. W.	do.	56.00	
Bender, John	do.	72.00	
Booth, Tom A.	do.	72.00	
Bridge, Sophie	do.	72.00	
Buchanan, A. F.	do.	72.00	
Dennis, Royal	do.	72.00	
Eisenlohr, F. W.	do. <i>a</i>	72.25	
Elliott, Judson	do.	16.00	
Eubanks, Lilian M.	do.	6.00	
Hall, S. E.	do.	72.00	
Higdon, Carrie W.	do.	18.25	
Higdon, Emily	do.	18.00	
Johnson, J. M.	do.	72.00	
Johnson, T. A.	do. <i>d</i>	74.50	
Kennerly, Thomas C.	do.	48.00	
McLeod, Francis A.	do.	24.00	
Miller, C. A.	do. <i>c</i>	86.50	
Sneed, Fannie.	do.	36.05	
Stroter, Henry W., jr.	do. <i>a</i>	73.50	
Towner, W. L.	do.	66.50	
Tyner, M. J.	do.	4.00	
Whitlock, Nina	do.	36.20	

*a* 25 cents for each observation in addition to one a day.

*b* 10 cents for each report delivered.

*c* 50 cents for each observation in addition to one a day.

*d* 25 cents for each report delivered.



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Worsham, Carrie W.....	River observer at \$6 per month.....	\$12.00	
Zirjacks, Chas. C.....	do.....	73.00	
Austin, J. P.....	River observer, at \$5 per month.....	60.00	
Baldwin, N. P.....	do.....	60.00	
Bateman, D. J.....	do.....	8.00	
Brooks, Millard F.....	do.....	60.00	
Brooks, S. L.....	do.....	60.00	
Buell, M. D. L.....	do.....	10.00	
Butler, Margaret A.....	do. <sup>a</sup> .....	60.50	
Calhoun, W. H.....	do.....	60.00	
Cann, George W.....	do.....	60.00	
Chaffin, G. W.....	do.....	40.00	
Cooney, Michael.....	do.....	30.00	
Doyle, Patrick.....	do.....	16.83	
Fedderly, N. A.....	do. <sup>b</sup> .....	1.50	
French, F. M.....	do.....	60.00	
Harris, J. E.....	do.....	7.50	
Harris, John E., jr.....	do. <sup>b</sup> .....	51.50	
Laing, Mary R.....	do. <sup>b</sup> .....	67.50	
LeFevre, E. M.....	do.....	50.00	
McCall, H. B.....	do. <sup>a</sup> .....	62.75	
Maddocks, William F.....	do.....	20.00	
Mahoney, Edward.....	do. <sup>b</sup> .....	22.50	
Matthews, A. O.....	do.....	60.00	
Mooney, W. C.....	do.....	45.00	
Oldham, J. V.....	do. <sup>a</sup> .....	63.00	
Pfeiffer, Peter J.....	do.....	60.00	
Piper, A. A.....	do.....	60.00	
Power, Marcus C.....	do.....	60.00	
Quattlebaum, M. G.....	do. <sup>a</sup> .....	16.50	
Quattlebaum, Perry C.....	do. <sup>a</sup> .....	47.00	
Schaeffer, Charles L.....	do.....	6.33	
Sewell, G. W.....	do.....	47.50	
Taylor, M. Stanton.....	do.....	5.00	
Tennison, Albert C.....	do.....	20.00	
Thompson, Mammie.....	do.....	60.00	
Van Etten, Margaret.....	do.....	60.00	
Van Keuren, H.....	do.....	60.00	
Welch, J. L.....	do. <sup>a</sup> .....	61.00	
Wood, Trefort.....	do.....	60.00	
Ling, Joseph A.....	River observer, at \$4 per month.....	30.75	
Allen, Warren E.....	River observer, at \$3 per month.....	23.40	
Edwards, Jno. W.....	do. <sup>a</sup> .....	38.75	
Hastings, Warren J.....	do.....	3.50	
Kingsnorth, Samuel.....	do.....	36.00	
Leonard, Lynn.....	do.....	36.00	
Mead, Sarah J.....	do. <sup>b</sup> .....	6.50	
Trine, William H.....	do.....	9.10	
Lybrand, James H.....	River observer, at \$2 per month.....	24.00	
Broyles, L. W.....	River observer, at \$1 per observation.....	18.00	
Foote, W. A.....	do.....	12.00	
Furniss, D. C.....	do.....	1.00	
McBride, Frank D.....	do.....	10.00	
Ross, Pitt.....	do.....	11.00	
Saunders, Chloe.....	do.....	1.00	
Sullivan, V. L.....	do.....	1.00	
Warren, James.....	do.....	10.00	
Anderson, T. J.....	River observer, at 50 cents per observation.....	11.50	
Applegate, Wm. J.....	do.....	2.00	
Atchley, S. L.....	do.....	1.00	
Blake, H. B.....	do.....	4.00	
Blecker, August, jr.....	do.....	.50	
Causey, A. M.....	do.....	12.50	
Coffin, George J.....	do.....	5.00	
Coffin, J. M.....	do.....	1.00	
Courtright, Samuel W.....	do.....	5.00	
Droddy, C. A.....	do.....	8.00	

<sup>a</sup> 25 cents for each observation in addition to one a day.

<sup>b</sup> 50 cents for each observation in addition to one a day.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gast, Neil J.	River observer, at 50 cents per observation	\$4.50	
Haines, Vere J.	do	3.00	
Hughes, William P.	do	21.00	
Hunter, DeWitt	do	.50	
Jones, Oscar	do	2.50	
King, James T.	do	2.00	
Lapish, J. W.	do	21.50	
Miller, John H.	do	9.00	
Murphy, F. D.	do	16.50	
Potts, E.	do	6.50	
Pritchett, Isaac	do	11.50	
Rawlins, Henry O.	do	2.00	
Saunders, B. F.	do	62.50	
Senter, A. C.	do	.50	
Smith, Selby A.	do	.50	
Sonnedecker, T. H.	do	3.00	
Sorrell, Gertrude	do	10.50	
Thomas, E. Stanley	do	2.50	
Whitlock, H. E.	do	1.50	
Wilson, Ella M.	do	1.50	
Woodward, Nelson M.	do	3.50	
Yoest, E.	do	14.00	
Bedilion, R. H.	River observer, at 25 cents per observation	3.00	
Bailey, Francis W.	Water-level observer, at \$1 per month	9.00	
Sones, Earnest B.	Lake observer, at \$1 per month	3.00	
Blinn, W. O.	Snow and ice observer, at \$3 per month	12.00	
Montrose, Geo. A.	do	6.00	
Patterson, S. E.	do	12.00	
Rother, A. J.	do	12.00	
Ballard, L. C.	Snow and ice observer, at 50 cents per observation.	8.50	
Ebbinghausen, Chas.	do	8.50	
Thompson, D. F.	do	8.50	
Webber, D. F.	do	8.00	
Howe, Van V.	Hurricane observer, at \$25 per month	125.00	\$4.25
Miller, Robert Jesse	do	125.00	
Newsam, E. C.	do	112.50	
Rawle, W. A. R.	do	125.00	2.66
Scherer, T.	do	112.50	
Boudreaux, Alex. O.	Sugar and rice observer, at 20 cents per observation.	39.80	
Bonney, Josephine M.	do	21.40	
Buch, Joseph F.	do	39.80	
Champagne, Claude	do	39.80	
Fremaux, Edward C.	do	24.60	
McNeil, Angus P.	do	15.20	
Moore, Charles V.	do	39.80	
Moresi, Andrew	do	39.80	
Park, Edna M.	do	39.80	
Powell, Mary E.	do	18.40	
Westbrook, James L.	do	39.40	
Dillon, Thos. C.	Storm-warning displayman, at \$20 per month	240.00	
Faris, Mark L.	do	10.00	
Lamar, C. W.	do	167.33	
McCormick, C. E.	do	164.00	
Martin, W. D.	do	240.00	
Powell, W. R.	do	72.67	
Smith, Florence M.	do	240.00	
Thompson, Roy E.	do	20.00	
Do	Storm-warning displayman, at \$15 per month	17.00	
Haggerty, T.	Storm-warning displayman, at \$16 per month	128.00	
Brown, Horace	Storm-warning displayman, at \$15 per month	180.00	
Dagwell, Charles T.	do	180.00	
Essing, Matilda H.	do	180.00	
McCann, James	do	180.00	
McCarthy, Herman D.	do	45.00	
Reinelt, Edward C.	do	124.50	
Fisher, E. M.	Storm-warning display man, at \$12.50 per month.	150.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fuller, Sara C.	Storm-warning displayman, at \$12.25 per month.	\$147.00	
Daggett, Hiram	Storm-warning displayman, at \$12 per month.	144.00	
Massard, F. J.	do.	144.00	
Nolen, Alice	do.	99.60	
Paine, Edith L.	do.	144.00	
Small, I. M.	do.	144.00	
Abbott, W. M.	Storm-warning displayman, at \$10 per month.	120.00	
Arner, Samuel J.	do.	30.00	
Barram, John S.	do.	83.67	
Bowley, Lurana W.	do.	10.00	
Bricker, W. S.	do.	120.00	
Brumfield, W.	do.	120.00	
Busselberg, H.	do.	120.00	
Campbell, Carl I.	do.	56.00	
Carland, Barbara	do.	83.00	
Carlson, Annie M.	do.	83.00	
Clark, M. A.	do.	120.00	
Coe, W. A.	do.	120.00	
Coguenhem, Manuel	do.	120.00	
Collins, L. C.	do.	83.00	
Conger, E. R.	do.	120.00	
Dalton, Lurana W.	do.	110.00	
Davis, Francis V.	do.	83.00	
Day, Eva E.	do.	120.00	
Dean, E. C.	do.	19.33	
Dishmaker, John, sr	do.	27.00	
Donahue, Anna	do.	83.00	
Dorchester, J. C.	do.	83.00	
Drake, J. E.	do.	120.00	
Eaton, J. L.	do.	120.00	
Ellison, Jesse O.	do.	83.00	
Ferrin, Geo. L.	do.	120.00	
Foerster, Paschal	do.	120.00	
Foster, Adelaide F.	do.	120.00	
Foster, F. E.	do.	60.00	
Foust, C. M.	do.	83.67	
Frahm, Carrie M.	do.	83.00	
Fuller, Jane M.	do.	120.00	
Gallagher, M. E.	do.	120.00	
Gallagher, Mary T.	do.	45.00	
Garrity, Kate L.	do.	83.00	
Goetz, John F.	do.	73.00	
Halseth, Ida	do.	120.00	
Hartho, Arthur C.	do.	83.00	
Hyland, Mary A.	do.	75.00	
Hyslop, John	do.	120.00	
Italy, Rosetta	do.	5.00	
Jackson, Edmond	do.	7.00	
Kines, Wm. B.	do.	120.00	
Kingham, G. G.	do.	3.67	
LaBonte, R. J.	do.	83.00	
Laughlin, A. D.	do.	56.00	
Layton, C. W.	do.	83.00	
Leberman, A.	do.	83.00	
Lillyblad, Charles E.	do.	78.33	
Long, E. W.	do.	83.00	
Lory, Wm.	do.	120.00	
Luchie, S. P.	do.	120.00	
McArthy, Herman D.	do.	26.50	
McCobb, Charles H.	do.	120.00	
McFarlane, Wm.	do.	83.00	
McMillen, Alonzo C.	do.	78.33	
McNally, J. C.	do.	60.00	
Macintosh, Frederick L.	do.	120.00	
Marquette, Flora	do.	83.00	
Matthews, H. S.	do.	120.00	
Meno, Joseph E.	do.	83.00	
Miles, Wm. J.	do.	83.00	
Morency, Amelia M. E.	do.	83.00	



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Morrison, Sarah	Storm-warning displayman, at \$10 per month.	\$83.00	
Motley, Charles E., jr.	do	83.67	
Motley, E. A.	do	109.50	
Nagle, John	do	120.00	
Newberry, D. O.	do	20.00	
Nickerson, Alfred	do	120.00	
Nickerson, E. C.	do	120.00	
Olsen, Mary E.	do	83.00	
Ostergren, E. A.	do	83.00	
Perkins, Harry W.	do	83.00	
Persons, C. E.	do	83.00	
Pillichody, Henry D.	do	100.00	
Plough, E. J.	do	83.00	
Plummer, Frank	do	120.00	
Pool, V. A.	do	27.00	
Pugh, Clara J.	do	50.00	
Reinheimer, John B.	do	83.67	
Risley, W. B.	do	83.67	
Robb, Josephine R.	do	83.00	
Robinson, M. F.	do	120.00	
Robinson, Thos.	do	120.00	
Root, Melvin L.	do	87.00	
Searle, Charles P.	do	120.00	
Shea, Ida E.	do	120.00	
Skinner, Arvilla P.	do	120.00	
Small, Rebecca M.	do	83.00	
Stacey, Girdler	do	120.00	
Sykes, J. D.	do	120.00	
Tefft, Nellie W.	do	120.00	
Thomas, Alberta E.	do	83.00	
Torrison, T. C.	do	83.00	
Tobin, John E.	do	83.00	
Tristram, Thos. H.	do	83.67	
Truedell, Lena	do	83.00	
Upthegrove, J. G.	do	83.00	
Van Weelden, Jennie	do	70.00	
Wade, Frank H.	do	83.00	
Walker, A. L.	do	100.00	
Watts, G. W.	do	83.00	
Anderson, Emma L.	Storm-warning displayman, at \$9 per month.	70.80	
Clemens, Annie.	do	48.30	
Clemens, Everitt J.	do	27.00	
Dinneen, E. J.	do	75.30	
Eldridge, Allen M.	do	75.30	
Farrell, M. M.	do	75.30	
Ganey, Daniel F.	do	75.30	
Gray, Cassie E.	do	75.30	
O'Connor, Timothy L.	do	75.30	
Rice, Verne M.	do	75.30	
Stearne, Clark M.	do	75.30	
Kenyon, C. S.	Storm-warning displayman, at \$8.50 per month.	102.00	
Duncan, Thos.	Storm-warning displayman, at \$8 per month.	96.00	
Graham, John	do	96.00	
Stevens, Enoch B.	do	96.00	
Webb, A. H.	do	96.00	
Hess, Will J.	Storm-warning displayman, at \$7.50 per month.	22.50	
Lawrence, Joseph.	Storm-warning displayman, at \$7 per month.	84.00	
Tupper, W. M.	do	84.00	
Tait, John W.	Storm-warning displayman, at \$6 per month.	49.80	
Barracrough, J. H.	Storm-warning displayman, at \$5.50 per month.	66.00	
Cotton, James E.	Storm-warning displayman, at \$5.25 per month.	63.00	
Arnold, Harold L.	Storm-warning displayman, at \$5 per month.	41.50	
Bennett, Constantia V.	do	57.67	
Bickford, J. H.	do	60.00	
Bishop, L. A.	do	47.50	
Blackman, E. V.	do	60.00	
Blomquist, John J.	do	35.00	
Brannan, M. J.	do	60.00	
Burekmyer, H. G.	do	60.00	



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Burrows, C. E.	Storm-warning displayman, at \$5 per month.	\$60.00	
Carlson, Anna C.	do.	60.00	
Cason, J. J.	do.	25.00	
Dow, F. S.	do.	60.00	
Duryee, Wm. B. C.	do.	60.00	
Ellis, Henrietta M.	do.	60.00	
Fisher, M. N.	do.	60.00	
Folk, Beulah G.	do.	57.67	
Fox, Henry	do.	41.83	
Geraty, John W.	do.	60.00	
Griesser, Martha M.	do.	41.83	
Hanson, Emma C.	do.	41.50	
Hennig, Karl E.	do.	60.00	
Lutterloh, J. B.	do.	60.00	
Lysaght, Mary	do.	41.50	
McGaw, Sara E.	do.	41.50	
Palmer, James R.	do.	60.00	
Pool, Fredericke.	do.	28.00	
Robinson, Thos. A.	do.	60.00	
Scanlan, Geo. N.	do.	60.00	
Shore, Philip	do.	60.00	
Snow, Freeman A.	do.	60.00	
Sorenson, S. B.	do.	45.00	
Spencer, Charles B.	do.	25.83	
Thomas, W. W., jr.	do.	41.83	
Turbeville, William T.	do.	60.00	
Van Putten, Madalen A.	do.	41.50	
Van Weelden, Jennie.	do.	13.50	
Clark, P. S.	Storm-warning displayman, at \$4 per month.	48.00	
Moore, R. L.	do.	20.00	
Morrish, G. M.	do.	24.00	
Watson, Elwyn G.	Storm-warning displayman, at \$3 per month.	21.00	
Bacon, Alonzo T.	Storm-warning displayman, at \$2.50 per month.	30.00	
Brown, Sol.	do.	30.00	
Broadwell, Wilmer	Storm-warning displayman, at \$2.25 per month.	4.50	
Riegel, Adolph G.	do.	22.50	
Bartlett, Charles M.	Cranberry observer, at \$10 per month.	30.00	
Gurney, A. R.	do.	30.00	
Hackney, James.	do.	30.00	
Hornor, Ivins	do.	30.00	
King, John N.	do.	50.00	
Malde, O. Gustav	do.	50.00	
Total		50,198.54	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Amarillo Drug Co.	\$1.50	Cunningham, Arch.	\$3.40
Andrews Paper Co., R. P.	10,543.68	Davison & Co., H. C.	94.72
Bagley & Co., A. G.	2.65	Decker, F. W.	3.00
Baker Trisler Co.	1.17	Derr, George W.	3.30
Ballantyne, R. Carter.	1,599.05	District of Columbia Paper Manu-	
Brentanos, Inc.	30.13	facturing Co.	277.20
Butler Paper Co., J. W.	324.67	Eagle Pencil Co.	284.73
Buxton & Skinner Stationery Co.	1.35	Faber, Eberhard	35.70
Cannon, C. B.	3.50	Fairservice, A.	12.00
Carter, Rice & Co. (Corporation)	351.98	Friedenwald Co., The	2,861.16
City Drug Store	1.75	Globe-Wernicke Co.	8.65
Collings, A. J.	27.00	Graham & Co., John W.	2.25
Crane & Co.	11.00	Haines, W.	3.85

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery—Continued.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Harger & Blish.....	\$3.50	Alpena Mutual Benefit Telephone Co.....	\$6.50
Harris, George C.....	1.50	Amarillo Drug Co.....	7.50
Hawaiian News Co. (Limited).....	2.00	Amarillo Gas Co.....	25.00
Hill, L. W.....	1.00	American Bureau of Shipping.....	15.00
Jefferson, George H.....	3.25	American District Telegraph Co.....	59.25
Kemp, W. M.....	1.50	American Ice Co.....	9.60
Kenzie, Thos. W.....	1.80	American Linen Supply Co.....	6.00
Kerin, Ed. L.....	.75	American Medicine Publishing Co.....	2.00
Kilham Stationery and Printing Co.....	6.00	American News Co.....	15.60
Kistler Stationery Co., The W. H.....	47.40	American Type Founders Co.....	2,588.29
Library Bureau.....	10.20	American Writing Machine Co.....	3.25
Lindemeyr, Philip.....	3,502.29	Anchor Lamp Co.....	6.72
Logan, E.....	3.00	Anderson Co., A. J.....	4.30
Lowthian, John.....	2.65	Andres, Theodore.....	27.75
McLean, John F.....	2.00	Angell Co., C. H.....	6.50
McNeil, H. H.....	4.50	Anniston Water Supply Co.....	13.30
Macey Co., The.....	19.13	Applegate, W. J.....	80.00
Marshall-Jackson Co.....	87.50	Appleton, Ira W.....	20.00
Maverick-Clarke Lithograph Co.....	2.10	Armbruster, R. H.....	4.00
Megeath Stationery Co.....	4.50	Armstrong, A. E.....	2.25
Miller & Co., George W.....	60.64	Armstrong, J. N.....	2.65
Mooney, O. P.....	3.60	Arnold & Wetherbee.....	5.05
Morrison Paper Co.....	45.00	Artes, Charles F.....	1.50
Nailor & Co., C. E.....	.75	Ashby, T. J.....	65.00
New Wilson-Webb Co.....	1.50	Ashby, W. F.....	52.50
O'Day's Book Store.....	2.00	Atlantic City Carpet Cleaning Works.....	10.00
Office Supply Co.....	4.00	Atlantic Refining Co.....	.85
Parker, D. Frank.....	483.60	Atlantic City Sewerage Co., The.....	10.00
Pioneer Press Co.....	1.30	Austin, J. H.....	2.50
Purnell, W. F.....	4.50	Ayers, John K.....	3.80
Schaal, William.....	8.95	Babbitt Bros.....	2.35
Schlener & Co., John A.....	1.30	Bacon, Wm. J.....	.75
Schmidt, Fred A.....	135.50	Bacon, Willis W.....	3.50
Shipman's Sons, Asa L.....	37.50	Baier, Frank W.....	1.75
Swayze, W. L.....	9,928.89	Bailey & Co., F. O.....	37.25
Swayze, Bailey & Co.....	192.18	Baldwin, James R.....	2.30
Underwood Typewriter Co.....	3,510.30	Ball, Simon R.....	3.50
United States Envelop Co.....	1,927.95	Baker & Co. (Incorporated).....	16.90
Valley Paper Co.....	912.25	Baker-Ossman Hardware Co.....	1.75
Vanderhule & Sampson.....	5.00	Baldwin & Co. (Limited).....	.50
Vaughan & Morrill Co.....	4.00	Baldwin, James R.....	4.60
Vosburg, J. H.....	3.00	Ball, C. C.....	6.00
Webster Co., F. S.....	5.00	Ball, O. R.....	13.15
Weltmer, Jacob.....	5.75	Ball, Simon R.....	3.50
Wheeler, Holland.....	2.15	Ball, Thaddeus A.....	2.00
Williston Drug Co.....	2.00	Ballance, David L.....	32.50
Winch, S. G.....	2.80	Ballauf, D.....	35.00
Yawman & Erbe Manufacturing Co.....	3.50	Ballantyne & Sons, Wm.....	47.00
Zeklerbach & Sons, A.....	3.90	Baltimore Towel Supply Co.....	6.00
Zion's Cooperative Mercantile Institute.....	4.97	Bancroft, D. B.....	2.50
Total.....	37,499.74	Bannans Typewriter Exchange.....	5.50
<i>Miscellaneous supplies, etc.</i>		Barber, Watson H.....	140.00
Abilene Ice Co.....	2.80	Barber & Ross.....	31.50
Abilene Light and Water Co.....	15.00	Barbour, H. F.....	49.50
Abilene Steam Laundry Co.....	6.00	Barger, L. J.....	10.00
Abita Spring Water Co. (Limited).....	19.36	Barnard, Fred. C.....	6.00
Able, O. B.....	42.00	Barnes Co., W. F. & John.....	1.74
Acme Sign Co.....	7.25	Barnes, H. J.....	8.00
Adams, B. S.....	36.44	Barnett, G. A.....	10.50
Adder Machine Co.....	250.00	Barney, Carroll P.....	15.00
Addressograph Co.....	846.36	Barnhart Bros. & Spindler.....	102.73
Ahler Plumbing Co., J. A.....	17.00	Barteldes Seed Co.....	7.25
Albert, Rohns & Co.....	169.00	Bartlett, C. M.....	1.50
Allright & Co., R. S.....	12.50	Bass, Oscar F.....	17.00
Aldridge Selling Co., The W.....	250.00	Baty, G. N.....	5.00
Allen Contracting Co., The.....	3.00	Baum, Daniel.....	1.50
Allen, Henry.....	8.00	Baumgarten Co., Herman.....	76.90
Allen, John T.....	4.00	Baumgarten & Sons, J.....	521.00
Allen, Joseph.....	1.00	Baumgartner, Wm.....	10.00
Allen, L. P.....	2.50	Bausch & Lomb Optical Co.....	6.41
Allen Roofing Co.....	2.00	Baxter, Lemuel.....	6.00
Allen Manufacturing Co., W. D.....	4.32	Beck, Alfred W.....	3.50
		Beck Duplicator Co.....	329.38
		Beck, J. Frank.....	9.00
		Beechwood Ice Co., E. G.....	5.00
		Becker & Co., Charles.....	212.53

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Beesley, George.....	\$53.00	Buhne & Co., H. H.....	\$1.50
Beiselden, James.....	3.50	Bunnell & Co., J. H.....	14.00
Bell Co. (Incorporated) J. P.....	.60	Burchell, Wm.....	14.50
Bell, Jesse H.....	2.00	Burlington City Water Works.....	19.45
Bennett, N. B.....	10.00	Burnett, A. C.....	2.25
Bentley, Wilson A.....	200.00	Burns, B. A.....	84.89
Benton County Hardware Co.....	9.35	Burns, Wm. G.....	16.55
Bergsvik, Chris.....	3.00	Burroughs Adding Machine Co.....	1,420.77
Bernard Co., The E. G.....	399.10	Burrow, Martin & Co.....	5.25
Bernier, Napoleon.....	15.00	Burrowes Co., The E. G.....	25.10
Biddle, James G.....	2.56	Burrows & O'Daniel.....	5.00
Bigelow & Sons Co., The T. L.....	11.20	Burton, G. A.....	2.50
Bigger, R. D.....	4.80	Bush, John A.....	12.00
Biglin, Bernard.....	4.49	Bush-Krebs Co.....	17.54
Bills, T. H.....	18.50	Butscher, Joseph.....	6.00
Bills & Morgan.....	6.00	Butte Typewriter Exchange.....	7.65
Bingham Bros. Co.....	44.90	Cady, Malcolm.....	30.00
Bingham & Runge.....	3.00	Cahn & Co., Sol.....	1.00
Bingham's Son Manufacturing Co., Samuel.....	.80	Callahan, John J.....	4.00
Blaisdell, F. G.....	66.00	Callender, McAuslan & Troup Co.....	5.00
Blank, Chas. A.....	144.50	Campbell, Arthur, and Barney, Fannie A.....	3,036.00
Block, Edward.....	20.50	Campbell Bros. & Co.....	416.13
Blodgett Co., The G. S.....	22.50	Campbell, H. A.....	13.75
Bluement Elevator Co.....	44.75	Campbell Printing Press & Manufacturing Co.....	9.10
Blumenstock, M.....	1.75	Canfield Hardware Co.....	7.00
Blythe, A. M.....	196.00	Cape, Henry L.....	6.00
Board of Public Works, Sault Ste. Marie.....	13.50	Capital Ice and Storage Co., The.....	9.00
Bogue, L. M.....	11.36	Carey Machinery and Supply Co.....	44.62
Bolz, John.....	2.00	Carlin, C. R.....	95.00
Bonn, Geo. N.....	39.50	Carney, O. H.....	5.00
Bork, C. A.....	65.00	Carpenter, W.....	5.50
Born, E. A.....	11.55	Carr, A. M.....	5.00
Bosch Co., Hy.....	2.45	Carr, D. D.....	2.75
Boucher, B. J.....	45.00	Carter Electric Co., W. E.....	55.00
Bowe, C. E.....	3.00	Casey, J. W.....	44.00
Bowe & Co., W. W.....	131.14	Caswell Co., Howard M.....	42.00
Bowers Bros.....	14.25	Caverly, Incorporated, Robert B.....	68.77
Box Bros.....	80.00	Central Lumber Co.....	2.51
Boyd, William.....	12.50	Central Shops.....	36.00
Boyer, W. C.....	3.00	Chadwick, A. S.....	7.00
Brade, Otto.....	62.75	Chamberlin & Co., H. G.....	9.75
Brader, P. H.....	6.00	Chambers, Fred.....	5.00
Bradner Smith & Co.....	7.75	Champlin, J. C.....	15.00
Brand, E. L.....	7.50	Chandler & Price Co., The.....	1.40
Brandon, C. G.....	35.00	Chappell, G. W.....	58.12
Brashear Co., Limited, John A.....	10.00	Charleston Consolidated Rwy., Gas and Electric Co.....	3.50
Brenner, J. F.....	5.00	Chase, Herbert.....	5.00
Brentanos', Incorporated.....	419.05	Chatillon & Sons, John.....	2.16
Brewer, W. H.....	16.00	Cheney Sons, P. H.....	29.82
Briggs & Sons, Thos. H.....	7.45	Chesnutt, H. E.....	21.70
Brink, L. M.....	5.00	Cheyenne Ice Co.....	5.33
Britt Sheet Metal Co.....	2.00	Childs & Co., S. D.....	4.55
Britting, F. C.....	12.00	Chilver, Chas. J.....	12.20
Broadwater, Pepin & Broadwater.....	37.15	Chippewa Hardware Co.....	21.80
Brooks, W. M.....	240.00	Chrisen & Ball.....	30.00
Brossard, H. A.....	11.50	Christianson, H. E.....	205.00
Brower & Co., C. F.....	4.50	Christie & Lowe.....	3.50
Brown, A. C.....	25.00	Christopher & Simpson.....	17.01
Brown & Co., C. B.....	27.95	Church & Stephenson.....	109.68
Brown & Bro., C. O.....	1.25	Churchill, F. B.....	2.00
Brown Co., E. A.....	2.00	City Delivery Co.....	15.00
Brown, Edward M.....	3.50	City of Bentonville.....	13.00
Brown, Frank M.....	1.00	City of Burlington Water Department.....	5.01
Brown, Joseph.....	19.00	City of Havre.....	37.95
Brown, Leander C.....	1.50	City Ice Delivery Co., The.....	19.77
Brown, W. G.....	6.75	City of Lewiston.....	18.00
Brown, William.....	4.00	City of San Jose.....	10.00
Brown & Power, Incorporated.....	7.25	Clapp Ammonia Co., B. P.....	28.35
Brunschog, Carl L.....	9.50	Clark, Carlos F.....	3.25
Bucci, Lorenzo.....	3.00	Clark, John.....	2.00
Buckman, Chas. E.....	1.00	Clark, J. M.....	19.50
Buckner, W. L.....	35.25	Clark, Leon.....	36.00
Buckwalter, Boyd.....	8.00	Clark Co., R. P.....	4.20
Bueches, Christ.....	55.00		
Buffalo Electric Contracting Co.....	52.00		



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Clemens, M. E.	\$2.50	Dalton & Richardson	\$13.00
Clemens Oskamp Co., The	2.50	Daly & Co., Daniel	8.10
Cleveland, Henry	41.75	Daniels, E. S.	2.00
Clifford, Warren H.	10.00	Dash, George	8.00
Clinton, Joseph	2.50	Davies Electric Corporation	2.00
Clucker, Willis W.	3.00	Davies, W. D.	19.50
Clute, Alva B.	6.66	Davis, Allen C.	85.00
Cogan, James B.	3.90	Davis, B. H.	5.00
Cohen & Co., L.	8.40	Davis, Jeff.	90.00
Coleman, Calvin	15.00	Davis, John F.	5.00
Coles, Stephen	10.00	Davison & Co., H. C.	47.36
Colt Co., J. B.	15.00	Day, A. J.	56.92
Columbia Photo Supply Co.	4.00	Dearborn Typewriter Co.	.50
Columbia Pump and Well Co.	47.00	Dearborn & Warfield	1.00
Columbia Stove Co., The	3.25	Des Moines Rubber Stamp Works.	4.00
Colwell, Timothy	2.75	De Mund, A. L.	24.75
Comly, John	50.60	Denaux & Son, W. A.	10.05
Compressed Air Vacuum House		Dennison Manufacturing Co.	41.00
Cleaning Co., The	14.00	Dent, James E.	15.64
Concanon, W. N.	125.00	Derby, J. C.	1.50
Concordia Ice and Cold Storage Co.	9.00	Devine, J. C.	5.00
Cone Ice and Refrigerator Co., D. S.	4.40	Devlin, L. K.	3.25
Conger, E. R.	62.10	Dickinson, C.	4.00
Conklin & Sons	6.00	Dickson Co., The	120.00
Conlon, James E.	80.00	Dickson, W. D.	5.20
Conover, Josiah	5.43	Diefenderfer, Alfred	2,021.75
Conrad Grocery Co.	1.00	Disbursing clerk, Post-Office Depart-	
Considine, A. B.	.50	ment	4.80
Consolidated Electric Light Co., of		Dixie Electrotype Co.	2.66
Maine	2.08	Dobbin, Ferral Co.	127.50
Consolidated Ice Co.	3.60	Dodge, Uriah B.	4.00
Constable Bros. Co., The	12.00	Dodson Printers' Supply Co.	80.02
Consumers' Co., The	10.13	Doellner Painting and Sign Co.	18.00
Consumers' Ice Co.	27.42	Dohrmann Co., Nathan	.52
Consumers' Ice and Cold Storage Co.	4.70	Doshier, St. George & Co.	1.40
Cook, Geo. H.	1.50	Doughty, H. C.	198.00
Cooper, William P.	18.00	Douglas, G. T.	6.00
Copeland Co., M. G.	52.98	Douglas, L.	7.50
Corbel, Malachi	18.00	Doyle, Chas.	3.00
Corbett, Geo. E.	1.30	Dreer (Incorporated), Henry A.	4.85
Corbett, John W.	2.00	Drinkwater, A. E.	10.00
Cordon, Jack	7.00	Drinkwater, W. G.	48.00
Corson, Oliver A.	1.75	Dubuque Cabinet Makers' Associa-	
Coston Signal Co. (Incorporated)	136.00	tion	49.50
Cowell, B.	179.18	Duemcke, Albert	14.00
Coyle, W. A.	.44	Duke, L. R.	8.75
Crane & Co.	79.40	Duluth Van and Storage Co.	15.25
Crane Co.	.85	Dunn, N. H.	1.90
Creff, B. H.	3.00	Dunn & Son, W. E.	.50
Creff, T. R.	4.50	Dunn, W. S.	5.00
Cremner, A. S.	2.00	Dunston, Wm.	5.50
Crescent Paint Co.	9.00	Du Perow, M.	73.87
Crimins, J. T.	9.00	Duplex Manufacturing Co.	1.25
Crippen, Frank	3.00	Duval, Wm. A.	15.00
Crocker, H. S.	6.00	Dyer, Wm. H.	17.15
Crocker, Nelson	1.00	Eagle Cornice and Sheet Metal Works.	.50
Croft, Thos. G.	2.00	Earhart, Harry	45.00
Crosby, W. R.	12.00	Eastern Towel Supply Co.	6.00
Crosswhite, F. M.	2.50	Eastman Kodak Co.	98.85
Crowell, E. W.	4.00	East Tennessee Telephone Co.	1.50
Crowley, Robert	3.75	Eaton, J. L.	40.00
Crozer, W. C.	5.00	Edmonston, Chas. R.	12.00
Crucible Steel Co. of America	10.15	Edwards, H.	395.00
Crumpton, A. L.	3.00	Edwards & Broughton Printing Co.	3.20
Crystal Ice Manufacturing and Cold		Eison, J. M.	13.00
Storage Co., The	5.00	Elder & Foster	9.00
Crystal Ice Co., The	15.60	Eldridge Express Co.	1.00
Cuff & Rey	8.60	Electric Light and Power Co.	1.60
Culbertson, Robert S.	3.00	Electric Service Supplies Co.	6.43
Culp, Fred	8.00	Electric Storage Battery Co.	91.39
Curphey & Mundy	10.00	Electrical Supply Co.	11.00
Currie Co.	10.80	Ellerd, George	15.00
Currier, C. C.	6.00	Ellington, J. C.	45.00
Curtin, A. P.	2.00	Elliott & Co., James	295.00
Curtis, P. P.	75.00	Ellis & Son, B. H.	7.55
Curtis Plumbing Co., The	4.75	Ellis, W.	48.00
Dahlberg, R. N.	5.00	Emblem, O. S.	67.50



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ennis & Son, Geo. T.	\$22.87	Gehlert, Louis.	\$64.15
Epler, I. E.	10.00	Gehring, H. A.	4.00
Erdman, E. R.	27.50	Geiger & Peters	10.00
Ergood & Co., J. C.	656.28	Geiman, J. A.	27.72
Erickson, J.	11.70	General Accumulator and Battery Co.	7.50
Eude, Arthur.	20.00	General Cartage and Storage Co.	20.40
Evans & Meekins	122.40	Genesen, Jacob	1.00
Evans, Wm. S.	3.90	George, David B.	3.00
Evansville Gas and Electric Light Co.	12.50	Georgia-Stimson Furniture and Carpet Co.	4.25
Evansville Planing Mill Co.	1.00	Georgia Telephone and Telegraph Co.	10.00
Everts, F. G.	45.05	Gether Co., C. R.	23.75
Fabacher, Peter.	11.00	Gilbert & Barker Manufacturing Co.	9.40
Fahrman, S. J.	9.00	Gilbert, Fred E.	2.00
Fairbanks Co., The	15.00	Gilerest, J. K. & W. H.	2.85
Fairbanks, G. W.	2.50	Gillespie & Co., J. J.	5.48
Fairservice, A.	10.85	Gilman, Z. D.	32.08
Falk, Charles	45.00	Given, L. T.	9.50
Farley Transfer and Storage Co.	.25	Globe Engraving and Electrotype Co.	1.08
Farmer & Son Type Foundry Co., A. D.	276.74	Godfrey & Co.	2.25
Farmers' Deposit National Bank.	20.78	Goetz, August.	1.50
Farrar & Co., W. T.	22.00	Golart, Frank.	4.50
Farrell, William	14.50	Goldberg, Bower & Co.	4.50
Faunce, E. L.	6.60	Golding & Co.	5.18
Fee & Stewart Co.	8.00	Goldsmith & Son, W. W.	1.00
Feltner, Archie	58.75	Goldthwaite, G. T.	9.05
Feltner, A.	55.00	Good, Harry.	10.00
Fennell, James.	50.00	Good Roads Machinery Co., The	11.00
Felton, Sibley & Co.	2.50	Gough, F. W.	2.70
Ferguson, E.	8.90	Grambs & Wolbert.	268.45
Ferguson, Neil.	1.50	Grammes & Sons, L. F.	499.00
Ferrin, B. R.	4.50	Grand Rapids Electrotype Co.	2.85
Field & Co., Henry K.	10.00	Granzin & Son, Paul.	1.50
Fillion, Joseph F.	23.10	Gray, G. H.	18.50
Finck Stationery and Printing Co., The F. J.	9.00	Gray, George W.	5.00
Finley, James E.	5.00	Gray, J. E.	6.00
Fischer, C. L.	3.75	Gray, John M.	18.00
Fisher-Glassford Hardware Co.	6.30	Gray, R. W.	2.00
Fisher, Thorsen Co.	2.45	Green, John W.	149.40
Fitts & Mann Co.	255.00	Greenberg, A.	4.00
Flagg, L. L.	20.00	Greenwald, Gabriel, estate of.	2,240.00
Flores, Guadalupe.	50.00	Gregory, Geo. B.	2.50
Florida East Coast Hotel Co.	15.00	Gregory, Mayer & Thom Co.	33.25
Florida Electric Co.	8.00	Gribben, James.	1.50
Ford, Thomas.	1.50	Griffin, H. O.	3.00
Forest, Fred.	5.00	Griffin, Sample & Co.	36.00
Forke & Co., C. A.	5,230.25	Griffin, S. A.	.50
Fort Smith Electric Supply Co.	5.00	Griffin, W. J.	27.39
Fortenberry, Harry.	4.00	Grimes, R. B.	45.82
Fowler, Annie L.	334.24	Grinnell, Charles J.	24.00
Fowler, E.	256.00	Groh, Samuel.	10.00
Fowler Manufacturing Co., Ltd.	24.00	Groot, J. H.	12.00
Francis Pharmacy Co.	2.25	Gross, D. D.	9.00
Fraser, S. S.	45.00	Gross Hardware Co., Phillip.	1.00
French, Albert E.	5.00	Grover, John.	1.00
French & Co., Geo. E.	9.00	Gutenberg & Co., H.	25.00
French Laundry.	6.00	Guthrie, J. Hoffman.	20.00
French & Welch.	36.70	Guthrie, Joseph.	1.50
Fresno Ice Delivery.	6.00	Guyon, A.	30.00
Fretz, J. K.	49.25	Haas, James.	1.40
Friday, Isaac.	14.42	Haddon, H. G.	3.50
Fritchie, O. F.	10.00	Hafermann, William	13.00
Fuller, Albert.	5.15	Hahn, A.	2.00
Fuller & Bossout.	56.50	Hales, J. M.	7.50
Fuller Co., E. C.	7.18	Haley, B.	1.25
Fuller, H. E.	10.00	Hallaran, John H.	4.50
Fuller, J. J.	5.00	Hall & Co., W. A.	3.25
Fuller & Co., W. F.	12.00	Halmus, Sol.	2.00
Furbush, E. H.	14.50	Hankins, George G.	2.00
Gallher & Bro., W. T.	243.50	Hansen, H. C.	125.00
Gamble, F. P.	7.00	Hansen, Peter.	15.15
Gamble & Ludwig.	2.70	Harding & Upman.	895.30
Garden City Electrical Co.	119.00	Hardway, G. W.	1.00
Gauzin & Son, Paul.	3.00	Hare & Arnold.	5.00
Geary, John P.	192.50	Harmack, F. W.	3.54
Geary, J. V.	30.50	Harris, A.	2.00
		Harris & Locke	1.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Harris Automatic Press Co., The....	\$1,293.80	Hutchinson, Wm. Seely.....	\$80.88
Hart, Homer.....	9.75	Hydrographic Office, Navy Department.....	1,000.00
Hart, Howard G.....	3.70	Ice Delivery Co.....	1.60
Hart, I. W.....	20.60	Illinois District Telegraph Co.....	60.00
Hartig, Louis.....	1.25	Illwaco Mill and Lumber Co.....	62.00
Hartnett Co., R. W.....	39.54	Imperial Laundry Co.....	3.00
Hartwell, F. S.....	3.50	Indianapolis Electrotype Foundry.....	5.40
Hartwell Electric Co.....	1.00	Inland Type Foundry.....	45.80
Harvey, Sarah.....	2.25	Iseusee, Wm.....	26.50
Hatfield Electric Co.....	11.75	Ivory, A. E.....	9.00
Havener, Robert A.....	2.50	Jackson, Frank H.....	25.00
Havre Drug Co.....	1.25	Jacobs, Edgar A.....	197.00
Hawaiian News Co. (Limited).....	10.50	Jaeger Bros.....	6.15
Hawkins, Edgar.....	2.50	Jamieson Bros.....	9.45
Hawkins, J. Claude.....	9.00	Jaques, G. A.....	8.00
Hayen, Fred J.....	6.00	Jarecki, Herman T.....	3.00
Hayes, F. D.....	7.25	Jeffries Auto Co.....	41.55
Hayman, Daniel W.....	6.00	Jeffries, W. J.....	14.00
Hearn & Co., J. M.....	7.90	Jenks, W. S.....	650.85
Heaton, E. L.....	2.25	Jermin, Thomas.....	26.00
Heckart, H. M.....	2.00	Johns & Augustine.....	1.00
Heiskell, P. H. jr., & Co.....	.80	Johns Hopkins Press.....	23.00
Heliotype Printing Co.....	20.00	Johnson, A. M.....	12.00
Helmes Bros.....	66.00	Johnson, Albert T.....	40.00
Henderson, John.....	4.00	Johnson, B. W.....	48.50
Herman, Harry.....	.90	Johnson, C. A.....	12.00
Herrcke, Robt. T.....	9.00	Johnson & Co., Chas. Eneu.....	3,513.85
Herrick, A. F.....	4.50	Johnson, Clifford B.....	6.00
Hewitt, M. A.....	30.00	Johnson, F. D.....	104.00
Heyer Duplicator Co., T. A.....	5.00	Johnson & Johnson.....	12.00
Hill, H. O.....	4.30	Johnson, W. M.....	87.00
Hillhouse, A. B.....	1.50	Johnston, Lachlan A.....	32.50
Hippely & Myers.....	2.75	Jolly & Wynne Jewelry Co.....	1.50
Hjort, P. J.....	4.00	Jones, J. S.....	17.50
Hodgson, Harry H.....	125.20	Jones, Will G.....	18.00
Hofheinz, E. L.....	2.10	Jordan, J. T.....	8.00
Hoke Engraving Plate Co.....	2,160.61	Jorgensen & Hansen.....	1.30
Holbrook, Eugene W.....	56.11	Joslin, W. C.....	5.00
Holderness, John H.....	75.00	Josten Hardware Co.....	1.20
Holley, D. A.....	120.50	Joyce Engraving Co., The Maurice.....	634.59
Holmberg, F. R.....	1.00	Joyce, J. M.....	21.10
Holmes, William H.....	1.50	Kaiser, C.....	48.50
Holtzer-Cabot Electric Co., The.....	88.50	Kaiser, George.....	1.00
Honeyman Hardware Co.....	73.85	Kast, Andrew.....	5.00
Honolulu Photo Supply Co.....	4.00	Keller & Braun.....	53.00
Hoover, E. G.....	2.00	Kelley, A. J.....	228.00
Hornby, Geo. H.....	8.75	Kelley, G. W.....	104.12
Horsford, F. H.....	3.05	Kelley Hardware Co.....	113.89
Hoskins, R. D.....	35.00	Kelliher, J. J.....	1.00
Houston, Myron.....	2.00	Kemp, Arthur.....	1.70
Howell, Edwin E.....	37.25	Kennedy, P.....	12.80
Howerton, J. A.....	4.80	Kennedy Printing and Stationery Co.....	3.55
Howland, L. C.....	3.85	Kessler, Andrew.....	1.45
Hoxsie, E. A.....	3.00	Ketcham Iron Co.....	3.25
Hoyle & Gilmore.....	7.00	Keuffel & Esser Co.....	66.77
Hubbard, J. A.....	15.00	Key, James R.....	7.50
Huber, J. B.....	65.50	Keystone Type Foundry.....	101.73
Hubert, Charles.....	26.00	Killian, Geo. P.....	24.00
Hubert, Ph.....	3.00	Kimer, Max.....	5.00
Hudson & Co., J. L.....	9.85	Kindel, Geo. J.....	14.00
Hudson, Roy R.....	10.00	Kindley & Co., E. C.....	10.60
Huey, A. S.....	2.75	King Hardware and Stove Co.....	1.10
Hughes & Co., Ed. S.....	2.25	King, John N.....	5.75
Hughes Electric Co.....	25.00	King, W. L.....	2.00
Hughes Paint Co., A. M.....	2.25	Kistler Stationery Co., The W. H.....	5.00
Hull, R. M.....	8.50	Kitching, Pennington.....	11.15
Hummer, F.....	61.25	Klein, A.....	6.00
Humphrey, Robt. L.....	4.00	Knight, F. L.....	6.00
Hunt, Marshall N.....	11.50	Knowles, Thomas M.....	208.00
Hunter, James.....	25.00	Kohl, William.....	55.00
Hunter & Strehlow.....	16.00	Kramer & Co., C. J.....	3.25
Huntington, A. E.....	75.85	Krause, G. C.....	4.00
Huntington, H. M.....	5.00	Krupp, Edward.....	37.00
Hurley, J. E.....	22.35	Ladd & Kneisel.....	13.25
Huron Ice Co.....	6.93	Lake, Augustus C.....	9.00
Hustace-Peck Co. (Limited).....	2.75	Lake, E. E.....	66.73
Hutcherson, Chas. J.....	61.00		

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Lamb & Tilden.....	\$361.02	McConahay, William M.....	\$1.50
Lambie Co., Incorporated, James B.....	538.56	McCormick & Bates.....	5.50
Lamson Consolidated Store Service Co.....	21.00	McCulloh, Carroll B.....	9.15
Lang, John.....	12.50	McFell Electric Co.....	11.50
Langan, P. T.....	10.00	McGillivray, J. J.....	10.00
Langmaid, G. W.....	2.60	McLaughlin Draying Co.....	3.75
Lansburgh & Bro.....	100.25	McLaughlin, W. S.....	90.00
Lawson, Charles.....	4.00	McRae, Geo. F.....	1.50
Lean, W. C.....	1.50	McVeigh, Henry B.....	28.86
Lee Brothers.....	1.75	Maassen, John.....	142.50
Lee, Joseph H.....	2.50	Mackall Bros.....	108.59
Leeds & Northrup Co., The.....	338.00	Mackenroth, C. C.....	30.00
Leland Merc. Co.....	1.50	Malbon, P. J.....	9.45
Le Masters, J. W.....	185.75	March, E. L.....	.75
Lemon & Co., James K.....	4.00	Marshall, M.....	2.50
Lender, Rue.....	10.00	Marshall-Wells Hardware Co.....	2.00
Lenzen & Son Co.....	10.00	Marston, George W.....	23.10
Leslie, J. H.....	285.00	Martin & Co., Otto.....	15.25
Lester, Guy.....	29.00	Martin, J. W.....	1.50
Levy, Max.....	34.05	Martindale, J. H.....	5.00
Lewers & Cooke, Limited.....	15.00	Martin-Strelan Co.....	8.60
Lewin, C. G.....	47.45	Martin, T. C.....	1.00
Lewis, D. S.....	1.75	Mason, E. H.....	7.50
Lewis, Fred E.....	1.50	Mason & Co.....	16.90
Libby & Libby.....	6.60	Massen, John.....	40.00
Libby, Harry T., jr.....	25.00	Materne Manufacturing Co.....	162.58
Lietz Co., The A.....	4.00	Matthews, Jno. E.....	1.50
Light and Power Commission.....	30.00	Maupin, Robert.....	10.00
Light, Walter H.....	1,714.35	Maurer, Joseph M.....	3.00
Lilly Co., The Chas. H.....	1.05	Meekins, Thomas S.....	150.00
Lincoln & Co., C. O.....	2.50	Megeath, Jos. P.....	1.50
Lincoln, Fred S.....	5.70	Meier Co., Geo.....	6.40
Lincoln Motor Works Co., The.....	262.50	Meister & Son, P.....	60.00
Lincoln Transfer Co.....	2.00	Mercer, S. H.....	58.12
Lindenstroth, Peter.....	3.00	Merchant & Evans Co.....	6.88
Lindsay Rubber Manufacturing Co., The M.....	8.75	Merchants Exchange, The.....	58.24
Linville, A.....	8.00	Merchants Transfer Co.....	6.25
Little, C. B.....	44.00	Merrill, J. J.....	32.95
Little, E. A.....	1.65	Merritt & Chapman Derrick and Wrecking Co.....	55.00
Littlefield, Alford & Co.....	259.49	Meteorological committee (London, England).....	44.55
Littlefield, H. R.....	4.00	Meyer & Anselon.....	68.50
Lloyd & Crimmins.....	2.00	Meyer & Schamber Jewelry Co.....	2.00
Lloyd, J. L.....	55.00	Michael, A.....	1.00
Lloyd Transfer Co., Incorporated.....	5.28	Midgett, E.....	5.00
Lodge, W. B.....	1.50	Midgett, W. B.....	5.00
Logan, G. E.....	20.00	Mill Valley and Mount Tamalpais Scenic Rwy.....	18.00
Long, Charles N.....	20.00	Miller & Co., Geo. W.....	297.50
Longmans, Green & Co.....	1.75	Miller, E. C.....	23.23
Longs Towel Supply.....	12.00	Miller, Jno. A.....	7,003.00
Longshore, Geo. W.....	6.00	Miller Machine Works.....	4.50
Lord, Poll & Hake.....	9.00	Miller, Tom L.....	5.74
Loring, Geo. H.....	6.25	Millhollin & Son, C. N.....	2.55
Los Angeles Ice and Cold Storage Co.....	2.00	Milligan, R. A.....	10.35
Loughery, Thos. B.....	20.80	Milwaukee Printers Roller Co.....	12.00
Lount, W. B.....	20.00	Mineralized Rubber Co.....	10.80
Lovett, Herschel.....	2.00	Minnesota Type Foundry Co.....	4.19
Lowdermilk & Co., W. H.....	58.85	Minter, W. H.....	15.00
Lowe & Bro., H. P.....	3.75	Missouri District Telegraph Co.....	18.00
Luce, Stephen C.....	1.75	Mitchell, A. J.....	4.75
Lufkin Rule Co.....	9.00	Mitchell, F. C.....	40.00
Lumiere North American Co., The.....	2.40	Mobile Electric Co.....	3.00
Lund & Co., B. J.....	192.00	Mock, Chas. W.....	25.00
Lunt, Chas. A.....	63.00	Mocklin, J.....	7.00
Lutz & Co.....	166.10	Model Heating Co.....	25.00
Lyon & Garrett.....	4.00	Model Laundry Towel Supply Co.....	12.00
Lyons & Co., I. L.....	1.20	Molter, J. D.....	3.90
Lysaght, Mary.....	2.00	Monarch Electric and Wire Co.....	9.05
McBride, Fred.....	3.75	Monarch Typewriter Co.....	248.00
McCann, James.....	1.50	Moncrieff, Z. E.....	55.95
McClane, A. G.....	4.50	Montague & Co., W. W.....	37.30
McCleery, James.....	3.00	Mooney, Thos. P.....	6.80
McClung, Buffat & Buckwall.....	1.25	Moore, Arthur.....	182.40
McClure Timber Co.....	23.72	Moore, A. L.....	2.95
McClurg & Co., A. C.....	2.40		



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Moore, N. E.	\$5.00	Palumbo, Frank G.	\$5.00
Moore & Miles	84.00	Pancoast, J. C.	25.00
Moran Co., John	41.00	Parker, D. Frank	1,003.90
Morey, O. W.	1.25	Parker, Jonah	.75
Mott, John A.	11.95	Parkersburg Dock Co., The	7.00
Mueller, Chas. R.	21.62	Parks, N. S.	97.80
Mueller, Ernst F.	6.40	Parks, R. E.	7.50
Mulford, J. N.	2.50	Parsons, E. O.	235.00
Mullin, Edward	154.00	Paschal, J. W.	.50
Munson, F. W.	.50	Paul, S. T.	2.75
Murphy Bros.	.50	Payne, A. L.	2.50
Muskegon Electric Co.	1.10	Peacock, C. D.	.75
Muth & Co., Geo. F.	750.89	Pearce Co., Fredk	3.00
Myers, B. E.	2.50	Pechman & Pechman	57.00
Myers, John T.	60.00	Peerless Hand Laundry	5.20
Nahlen, P. M.	1.00	Peerless Steam Laundry & Dyeing Co.	6.00
Nash, W. J.	1.50	Pelouze Paper and Type Co.	19.57
National Autom. Fire Alarm Co., of La	2.25	Pennewill, R. O.	3.60
National Carbon Co.	1,674.75	Peoples Teleg. and Teleg. Co.	2.00
National Electrical Supply Co.	293.67	Peoria Paint and Glass Co.	2.25
National Engineering Co.	3.55	Peoria Water Works Co.	34.30
National Lead Co.	12.05	Pesonen, A. K.	20.50
Nawrath, J. P.	281.46	Peterson, C.	2.50
Nelson, Wilmer D.	.75	Peterson, Gust.	10.00
Newburgh, R.	300.00	Petitdidior, O. E.	11.00
New Era Paint and Varnish Co., The	.50	Pettee & Co., W. J.	72.60
Newnam & Son, Chas.	406.05	Pettet, W. C.	5.00
New York Maritime Register	61.25	Pettis Dry Goods Co.	31.00
Niemeier & Kistenmacher	1.60	Pettit, A. J.	7.00
Nolan, Davis Co., The	25.00	Petty, S. M.	2.70
Nolan, Thomas J.	3.00	Photographic Materials Co., The	8.55
Norby & Hilde	1.70	Phillips, Henry G.	50.00
Nordhoff, Wm.	31.50	Phinney, A. B.	2.00
Norfolk and Portsmouth Traction Co.	20.48	Phoenix Oil Co.	2.00
Norris Bros.	965.26	Pickard, A.	61.50
Northern California Power Co.	16.00	Picken & Denlinger	1.25
North Platte Water Works Co.	21.80	Pierce, Lewis	4.00
Norton, Jesse O.	2.00	Pierce, William, jr.	13.00
Norwood, Samuel H.	28.00	Pierce & Son, J. F.	2.50
Novelty Machine Works	9.00	Pinkney & Smith	15.00
Noyes Art Store	21.25	Pipal, John J.	9.50
Noyes Bros. & Cutler	2.18	Piper, John	43.00
Nye, W. A.	2.00	Pittman, Saml.	21.55
Oates Jewelry Co.	5.00	Plain Dealer Publishing Co.	3.45
O'Brien Bros.	26.00	Plaster, George E., jr.	2,820.50
O'Brien, G. G.	11.00	Pluke, E. G.	19.50
O'Brien, Julia A.	10.50	Polakoff, J.	3.50
Ockel, Hamann A.	3.00	Polar Wave Ice and Fuel Co.	15.30
Odom, W. F.	135.00	Poole, Henry A.	30.00
Office Supply Co.	1.50	Porter-Burnham Co.	15.00
O'Heron, John J.	4.32	Portland Gas Co.	2.40
Oil Well Supply Co.	122.61	Portland Typewriter Exchange	26.00
O. K. Building and Construction Co.	72.00	Postmaster, Philadelphia, Pa.	1.00
Oklahoma City Rwy. Co.	42.50	Potter Bros.	12.00
Okonite Co. (Limited)	1,364.50	Powers, H. W.	2.00
Oleson, Eric	3.00	Powers Mercantile Co.	2.25
Oliver, Albert	415.00	Price Brothers	40.08
Oliver Typewriter Co.	71.09	Priest, Phil. C.	2.50
Ollé, Santiago	20.00	Providence Ice Co.	8.12
Ollrich, Wm.	15.00	Pullman, E. J.	42.13
Omaha Towel Co.	6.00	Purcell, Thomas	1.00
Oneal, W. B.	2.00	Queen & Co., (Inc)	43.50
Oregon Transfer Co.	2.83	Quints Sons Co., S. H.	36.00
Oskamp Co., The Clemens	2.50	Raceuer, A. L.	6.50
Osburn & Bro.	22.10	Raff, Geo., jr.	38.00
Osterreichische Gesellschaft for Me- teorologie K. K. Vienna, Austria.	33.09	Raleigh Electric Co., The	9.12
Otto, Martin & Co.	7.05	Raleigh Construction Co.	20.60
Owens, H. P.	7.50	Ramsay, W. H., jr.	64.50
Pacific Metal Works	38.25	Rand, McNally & Co.	10.50
Pacific Paper Co.	1.36	Ranney, Wm. H.	5.75
Paddock & Co., H.	75.75	Rasmussen & Peterson	47.50
Pahs, Frank	1.50	Rasmussen, Hans J.	8.50
Palestine Ice, Fuel, Gin Co.	4.60	Rathbun & Bird Co., The	5.91
Palmer & Co., Limited, E. C.	28.18	Rau, John C.	181.87
Paltz, John	4.75	Ray Manufacturing Co., W. S.	78.64
		Record Oil Refining Co.	1.55
		Reed, Peter	4.00



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Reliable Steam Laundry Co.....	\$2.50	Seewald, P. H.....	\$2.00
Regan, J. P.....	1.81	Seidler-Miner Electric Co.....	74.87
Reid, H. P.....	.90	Sellers Bros.....	8.00
Reilly, Hugh.....	57.34	Sellers Bros. & Co.....	3.40
Remington Typewriter Co.....	943.97	Senter & Co., William.....	2.00
Renear, W. H.....	2.00	Sentenne & Green, Inc.....	61.48
Rhode Island Sanitary Dust Remover Co.....	8.95	Seth Thomas Clock Co.....	239.85
Richardson, W. V.....	30.00	Sevin, Henry J.....	5.20
Rider, Clark.....	7.00	Shaffer, John W.....	2.50
Rider-Ericsson Engine Co.....	1.45	Sharp & Sons, F.....	35.00
Ries, Hartman.....	8.00	Shaw, Richard A.....	15.64
Rietow, H. W.....	1.50	Shedd & Bro. Co., S. S.....	9.60
Rigby & Wilson.....	7.65	Sheehy Bros. Painting and Decorat- ing Co.....	149.00
Riles Co., R. J.....	2.00	Sheeran, Peter.....	450.00
Ritchie, Peter.....	219.38	Sheldan, J. W.....	6.15
Riverside Cartage & Storage Co., Ltd.	31.00	Shepard, L. H.....	7.50
Rivett Lathe Manufacturing Co.....	4.80	Shetney, H.....	6.00
Robbins Electric Co.....	12.00	Shipp, A. E.....	24.50
Robertson, W. A.....	84.50	Shores, U. G.....	2,503.50
Robinson & Sons Co., W. C.....	3.50	Shull, J. J.....	10.75
Robinson, J. M.....	9.00	Silver Gate Oil Co.....	5.50
Robinson, M. M.....	32.50	Silvius & Schoenbackler.....	7.50
Robison Hardware Co.....	14.15	Simpson, Alfred.....	17.30
Roche & Co., J. R.....	3.00	Sines, Arthur.....	3.00
Rodibaugh, L. C.....	5.00	Singleton, Wm.....	6.00
Rodriguez, Miguel.....	63.00	Skinner, George R.....	17.50
Roelblings Sons Co., John A.....	1,264.32	Sloan, E. D.....	22.50
Rogers, Charles.....	9.75	Smith, Alfred E.....	2.00
Rose & Co., John.....	36.88	Smith, Benj. H.....	2.00
Rose, J. L.....	8.56	Smith Bros.....	2.00
Rossbo, C. A.....	18.00	Smith, Charles.....	41.50
Rothschild Brothers.....	10.50	Smith, C. E.....	7.40
Rousseau, J. A.....	15.00	Smith Electric and Manufacturing Co.	2.00
Rowe Transfer and Coal Co.....	20.00	Smith, Frank.....	18.00
Roy & Cochran.....	27.50	Smith, F. H.....	1.50
Royal Photo View Co.....	2.00	Smith, Geo. J.....	12.50
Royall & Borden Furniture Co.....	36.00	Smith & Sons, Guy W.....	10.50
Rudge & Guenzel Co.....	14.81	Smith, Joseph P.....	6.00
Rudolph & West Co.....	1,011.77	Smith, J. W.....	12.50
Ruffings, Andrew.....	3.50	Smith, M. F.....	620.00
Ruggles-Gale Co., The.....	38.25	Smith Premier Typewriter Co., The..	900.80
Runge, Henry F.....	1.00	Smith, Thomas.....	3.50
Ruzicka, Jos.....	25.30	Smith, T. B.....	1.50
St. Germain, O.....	4.00	Smith, W. H. H.....	14.00
St. Louis Suburban Express.....	26.65	Snedicor, H. T.....	12.00
St. Louis Toilet Supply Co.....	12.00	Snook & Son, Wm. S.....	13.71
St. Louis Transfer Co.....	13.70	Snow Forwarding Co., The.....	6.20
Salt Lake Hardware Co., The.....	5.64	Somers, Fidler & Todd Co.....	19.87
Salt Lake Transfer Co.....	38.00	Somerville Co., Thos.....	143.93
Sanborn, Vail & Co.....	71.60	Sorensen, Ori J.....	4.00
Sanderson, G. T.....	1.75	Soules, Belle.....	31.76
San Diego Hardware Co.....	7.90	Southern Printers' Supply Co.....	2,681.96
Sands Bros. Co.....	8.00	Spaulding Nursery and Orchard Co., The.....	18.00
Sanguinetti, E. F.....	13.00	Spear, Bros.....	14.00
San Pedro, Los Angeles and Salt Lake R. R. Co.....	25.90	Speer, L. S.....	30.00
Santa Fe Concrete Block Co.....	160.00	Spitz, S.....	1.50
Savage, Charles R.....	2.00	Spotswood, H. M.....	16.20
Sawyer, P. P.....	1.50	Spreckels & Bros. Co., J. D.....	475.00
Sawyer's Carpet House.....	3.00	Spring & Prasse.....	31.50
Scarr, Laura E.....	6.00	Springfield Light, Heat, and Power Co.....	8.53
Schafer & Co., E. G.....	268.05	Springfield Water Works.....	20.37
Schmidt, Joseph.....	2.00	Stafford, R. L.....	26.50
Schneider, Henry A.....	8.00	Stafford Engraving Co.....	6.61
Schofield Contract Co.....	225.00	Stager, Jesse.....	8.50
Schooley Stationery Co.....	17.00	Stahl, L. S.....	11.65
Schwakopf, Geo. A.....	50.00	Stainer, Josef.....	9.50
Scientific American Compiling De- partment.....	96.00	Stamford & Morey.....	27.00
Scott, M. A.....	8.00	Standard Oil Co.....	874.46
Scott & Co., Walter.....	5.00	Standard Roller Bearing Co.....	9.58
Scranton Bedding Co., The.....	9.50	Stanfield, R. B.....	1.50
Scruggs, Vandervoort, Barney Dry Goods Co.....	14.75	Star Carpet Cleaning and Rug Manu- facturing Co.....	7.50
Seaboard Electric Co., Inc.....	30.30	State Nursery Co.....	3.25

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Stavelly, Jno. A.....	\$17.40	Tuck, J. A.....	\$5.75
Stebbins Hardware Co.....	4.57	Tucker, Thomas.....	4.50
Stebbins, Robert.....	15.00	Tull & Gibbs (Incorporated).....	3.00
Stechert & Co., G. E.....	415.09	Turner, E. W.....	2.00
Steele, W. S.....	2.00	Turner, S. B.....	5.00
Steger Electrical Works.....	24.50	Turton, Geo. W.....	5.00
Stelk, Gus.....	30.00	Turton, J. Edward.....	2,090.00
Stengel, L. A.....	8.40	Tuttle, Earl W.....	53.50
Stephens, J. H.....	16.00	Tuttle, Forrest.....	4.50
Stephenson, Stanley.....	37.50	Twiford, O. N.....	2.00
Stevens, Bing. S.....	30	Tyler & Co., F. C.....	12.00
Stevens, Jno. L.....	2.50	Typewriter Exchange, The.....	.75
Stevenson, J. S.....	9.50	Typewriter and Office Supply Co.....	21.05
Stewart, Alex. F.....	9.00	Tyrell, E. L.....	1.50
Stift, Chas. S.....	6.00	Underwood, S. J.....	4.50
Stiles Co., The.....	11.30	Underwood Typewriter Co.....	1,167.28
Stokke, Hans.....	50.00	Union Express Co.....	3.00
Storm & Erickson Hardware Co.....	6.35	Union Ice Co., The.....	36.50
Stormont, David.....	20.00	Union Ice Co.....	6.90
Stringfellow, H. W.....	3.00	Union Transfer Co.....	78.54
Stuart, H. G.....	9.00	United Carriage Co.....	24.00
Stunkel & Co., W. A.....	3.00	United States Aluminum Co.....	18.40
Sturrock, Earl D.....	117.90	Vacuum House Cleaning Co.....	12.50
Suck, Leo.....	146.00	Vaeth, Richard.....	1.50
Supé, Otto.....	1.50	Valley City Compressed Air Co.....	36.40
Sutherland & Carr.....	8.40	Van Antwerp, E.....	6.70
Swanson, Carl W.....	11.80	Van Bibber Roller Co.....	4.00
Swanson, Victor E.....	2.00	Van Deren Hardware Co.....	2.50
Swayze, Bailey & Co.....	10.50	Vanderpool, C. F.....	1.00
Sweeney Hardware Co., Tom.....	41.50	Van Winkle Trucking Co.....	6.00
Sweeney, J. M.....	6.00	Veeder Manufacturing Co., The.....	2.00
Swift, F. D.....	16.25	Venable, J. A.....	5.00
Swift Co., I. E.....	1.50	Vincent, C.....	1.00
Swinehart, D.....	7.70	Vinson, John W.....	5.00
Taber-Prang Art Co.....	247.50	Von Blucher, Geo. A.....	12.00
Tacoma Railway and Power Co.....	10.00	Von Daister, Henry W.....	20.00
Tacoma Toilet Supply Co.....	6.00	Vorpahl, R. H.....	12.00
Taft, C. E.....	22.50	Vulcan Machine Co.....	6.80
Taylor, A.....	19.95	Wabash R. R. Co., The.....	27.00
Taylor & Co., G. W.....	18.00	Wachter, C. C.....	19.00
Taylor, S. C.....	10.00	Wadin, J.....	74.50
Taylor, W. R.....	120.50	Wahlgren, Frank.....	2.00
Teague, J. R.....	5.00	Wail, J. B.....	1.50
Teeter, Howard O.....	11.00	Wakefield Water Co.....	28.00
Thatcher Furnace Co.....	8.15	Walker, Frank E.....	7.75
Thayer & Lynn.....	10.00	Walker Sons, J. T.....	11.59
Thiemeyer Co., J. H.....	694.45	Wallace, T. C.....	375.36
Thill & Lapitz.....	17.00	Wannacomet Water Co.....	22.50
Thoenen, R. H.....	8.00	Wanamaker, William J.....	2.75
Thomas Co., Arthur H.....	6.52	Wapler, Nicholas.....	1.30
Thomas, George C.....	3.50	War Department.....	70.00
Thomas, J. & C. N.....	4.50	Ward, Guy.....	6.00
Thomlinson, A.....	28.75	Ward & Co., Montgomery.....	46.80
Thomlinson & Co.....	7.43	Warner, L.....	1.20
Thompson, Henry W.....	44.50	Warner & Swasey Co., The.....	30.00
Thompson, J. D.....	2.00	Washburn Wire Co.....	27.60
Thompson Manufacturing Co., The L. C.....	51.00	Washburn, W. W.....	38.90
Thomson & Dunlap.....	8.60	Water Department of Atlantic City.....	10.89
Thorburn, Thos.....	30.00	Waterbury Battery Co.....	2,432.50
Thorogood, James.....	2.50	Waterfield, J. C.....	8.00
Thorp & Hoberg.....	2.50	Watson, S. J., jr.....	13.95
Tiefenbach, V. J.....	1.50	Watts, W. H.....	47.50
Tinsman, A. J.....	60.00	Waugh, Kealy & Co.....	2.40
Tinsman, E.....	65.00	Weatherbee, W. J.....	17.00
Todd, George B.....	27.50	Weber & Co., F.....	22.20
Tonopah Sewer and Drainage Co.....	36.00	Webster Co., F. S.....	12.05
Tonopah United Water Co.....	109.77	Weeks, Wm.....	80.00
Topham, James S.....	945.80	Weinman Machine Works.....	5.00
Town of Flagstaff.....	22.00	Wentworth, M. R.....	2.50
Treadway Electric Co.....	9.06	Werner Bros.....	.75
Treasury Department.....	390.00	West, Wm. A.....	430.00
Trickey Co., J. B.....	2.50	Western Electric Co.....	13.63
Trine, William H.....	5.00	Western Electric Works.....	2.10
Tripple, C. J.....	20.00	Western Newspaper Union, The.....	14.29
Truett, W. H.....	2.50	West & Rawson.....	2.65
		Western Union Telegraph Co.....	147.10

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture—Continued.</i>	
Westlund, O.....	\$20.70	Broadwater, A. J.....	\$17.00
Whalton, J. C.....	106.50	Bryan Co., The R. L.....	19.75
Wheelock, T. A.....	42.00	Burford, Wm. B.....	105.50
Whitcomb, Hugh F.....	1.00	Burnap Stationery and Printing Co., F. P.....	97.80
White, Fred J.....	5.50	Carpenter Co., The W. B.....	12.35
Whitmore, Alfred O.....	15.75	Chamberlain Co., The.....	13.75
Whittemore & Son, C.....	2.00	Columbia Lumber Manufacturing Co.....	10.00
Whyte, Warren H.....	8.00	Cooper, W. A. L.....	4.00
Wichita Rug Co., The.....	7.25	Cunningham, Arch.....	38.65
Wichman & Co., H. F. (Limited).....	3.00	Cunningham, Curtis & Welch Co.....	32.50
Wickford Light and Water Co.....	18.00	Custodian U. S. court-house and post- office, The.....	106.50
Widman, J. C. & Co.....	315.00	Devlin, L. K.....	.90
Wiendrick, H. H.....	4.00	Eakle, O. M.....	38.25
Wilburn, W. L.....	10.65	Empire State House Furnishing Co.....	280.05
Wild & Stevens, (Incorporated).....	6.20	Fetter Co., Geo. G.....	70.00
Wiley & Russell Manufacturing Co.....	2.13	Finck Stationery and Printing Co., The F. M.....	26.00
Wiley & Sons, John.....	2.25	Fickert, W. C.....	29.95
Wiley, Wm.....	60.37	Field, E. G.....	23.00
Wiley, W. M.....	10.50	Fowler Co., Ed C.....	8.95
Wilks, E. S.....	71.50	Freed Furniture and Carpet Co.....	62.67
Williams, G. R.....	1.50	French, Bassett.....	19.50
Williams, I. N.....	1.09	Frothingham, Heffernan & Co.....	34.50
Williams, Brown & Earle.....	1.44	Gardner & Veitch.....	25.25
Williamson Towel Supply Co.....	6.00	Georgia Stimson Furniture and Car- pet Co.....	15.00
Willis, J. I.....	40.00	Geurtz & Sons, I.....	64.70
Willis, Smith, Crall Co. (Incorporated).....	28.00	Gottfried Furniture and Carpet Co.....	1.00
Willoughby, L. F.....	8.75	Great Success Furniture and Carpet Co.....	1.50
Wilson Hardware Co.....	30.15	Grimes-Stassforth Stationery Co.....	18.50
Wilson, Lobbie.....	6.00	Gunn Furniture Co.....	25.00
Wingard, E.....	5.00	Hackfield & Co. (Limited), H.....	39.40
Winston, R. L.....	3.50	Hall Stationery Co., The.....	4.50
Wise & Co., Ben.....	7.75	Hardy Furniture Co.....	115.00
Wolcott Hardware Co., G. W.....	23.15	Harger & Blish.....	25.25
Wolverton, A. D.....	210.00	Havens Co., The Joseph D.....	60.00
Wood, G. T.....	5.09	Hering & Co., W. C.....	16.15
Wood, L.....	12.00	Hoeke, W. H.....	693.89
Wood, William.....	25.00	Home Furnishing Co.....	3.00
Woodhouse, C. H.....	40.00	Hopp & Co., J.....	15.00
Woodhouse, J. F.....	20.00	Howe, C. A.....	13.00
Woods & Johnson.....	191.80	Hudson & Symington.....	22.50
Woodward, K. G.....	3.20	Iliff Stationery Co., The.....	4.75
Woodward & Lothrop.....	551.31	James, Harry.....	9.80
Woodworth, Ed. A.....	1,500.00	Johnson, Bailey Co.....	5.85
Woolever, W. S.....	10.00	Jordt, John.....	12.50
Wroten, J. A.....	37.50	Keith Furniture and Carpet Co.....	167.75
Wyatt, E. H.....	15.00	Library Bureau.....	59.20
Yarger, S. J.....	1.68	Loring & Co.....	89.15
Yates & Co. (Incorporated).....	58.81	Lovell Clock Co.....	3.50
Young Building Co. (Limited), Alex- ander.....	36.00	McDonald, Angus.....	31.00
Young, Charles W.....	3.05	MacRae, George F.....	18.00
Young, Henry.....	49.75	Macey Co., The.....	147.73
Young, J. R.....	36.00	Meldrum Co., H. A.....	6.50
Young & Hughes.....	.50	Merchants Exchange, The.....	12.75
Youngberg, Carl G.....	1.00	Meyer & Tholheimer.....	18.00
Zeisler, George & Leonard.....	3,522.50	Miller, Davis Printing Co.....	37.50
Zimmerman Hardware Co.....	1.00	Miller, Thomas.....	7.00
Zion's Cooperative Mercantile Insti- tution.....	1.40	Mills Electric Co.....	8.75
Total.....	110,070.06	Moore, W. L.....	1.15
<i>Furniture.</i>		Moses & Sons, W. B.....	1,730.56
Austin, Cleland.....	83.75	Mower, W. K.....	65.00
Baker Office Furniture Co.....	39.50	Neal, Goff & Inglis Co., The.....	27.00
Bannister, W. H.....	88.10	Neel Bros.....	147.30
Barber & Ross.....	21.60	Peck Dry Goods Co., Geo. B.....	43.20
Barrett, Hicks & Co.....	9.00	Phoenix Furniture Co.....	9.00
Bass & Harbam.....	13.50	Pray & Sons Co., John H.....	19.80
Beggs Co., The David C.....	44.35	Purnell, W. F.....	48.90
Bell, Dickerson Co.....	23.00	Remington Typewriter Co.....	33.75
Bentell, H. M.....	77.00	Royall & Borden Furniture Co., The.....	23.50
Bilislly & Bros., W. L.....	56.50	Schoal, William.....	7.80
Boer, John J.....	10.00	Sherm, Hardy Supply Co.....	6.25
Bressmer Co., The John.....	12.75	Shoten, Saygusa.....	8.00



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture—Continued.</i>		<i>Fuel—Continued.</i>	
Simonson Bros. Manufacturing Co.	\$54.00	Lund & Co., B. J.	\$98.38
Smith, Percy	30.50	Maitland Coal Co.	113.36
Stampfer & Jaeggi	131.25	Montoya, Joe	3.50
Stiman, Jule	2.50	Nuding, F. E.	71.50
Stewart, Alex. T.	9.00	Oden, S. S.	119.96
Stoll, Thayer & Co.	15.70	Ortiz, Miguel	7.00
Strong, B. W.	32.00	Pattee, J. R.	56.50
Swayze, Bailey & Co.	4.75	People's Ice and Fuel Co.	132.64
Swayze, W. L.	212.30	Plaster, George E., jr.	785.73
Sweeney Hardware Co., Tom.	102.00	Port Royal Dock Co.	117.00
Sydnor & Hundley (Incorporated)	54.00	Powell & Powell.	55.50
Taylor & Carpenter	70.00	Roberts, Richard P.	50.00
Tenge, Edward	13.00	Robinson Fuel Co., H. A.	191.23
Toledo Desk and Fixture Co., The	234.50	Roundtree, W. J.	49.00
Troxell, G. F.	5.00	St. Clare Coal Co.	36.41
Tull & Gibbs (Incorporated)	138.75	St. Germain, O.	23.00
Turton, Edward J.	250.00	Scott, Chas. B.	219.50
Van Antwerp, E.	15.00	Snow, Don J.	24.50
Vasburgh & Whiting Co.	8.50	Stevenson, J. S.	63.50
Wanamaker, John	40.75	Stoltze, F. H.	230.97
Watrons, Ray	20.00	Stormont, D.	21.00
Wearn & Co., J. H.	90.00	Taylor & Co., George W.	138.60
Webb, W. H., jr.	10.00	Thomasville Ice and Manufacturing Co.	26.50
Widman & Co., C. D.	1,635.00	Wakefield Lumber Co.	125.00
Williams, Edward R.	96.75	Washburn Lignite Coal Co.	164.15
Willoughby, L. F.	41.85	Waterfield, J. C.	33.00
Woodruff Manufacturing Co.	189.50	Watson, R. O.	19.00
Woodward & Lothrop	380.51	Weberhardt, Charles	70.00
Warmser Furniture Co.	9.50	Welker, Charles	30.00
Yawman & Erbe Manufacturing Co.	122.35	Western Fuel Co.	156.00
Zircher Book and Stationery Co., M. L.	19.50	Wittenberg & Co., C. F.	93.63
		Wonderhard, Chester	50.00
Total	9,488.61	Total	5,434.69
<i>Fuel.</i>		<i>Freight.</i>	
Adsit Coal Co., E. S.	164.50	Alabama and Vicksburg Rwy. Co., The	11.58
American Ice Co.	119.82	American Hawaiian Steamship Co.	2.00
Astoria Fuel and Supply Co.	110.00	Atchison, Topeka and Santa Fe Rwy. Co.	429.17
Ayars, G. J.	3.20	Atlantic Coast Line R. R. Co.	31.23
Baker, C. H.	20.00	Baltimore and Ohio R. R. Co.	47.50
Baker, I. P.	37.45	Baltimore and Ohio Southwestern R. R. Co.	14.32
Birge, W. W.	25.05	Boston and Albany R. R., New York Central and Hudson River R. R., lessee	3.60
Burch & Son, W. H.	14.50	Boston and Maine R. R.	13.06
Capel, J. S.	2.00	Boulton, Bliss & Dallett	3.16
Cash Coal Co.	144.50	Campbell, P. D.	1.17
Cheleen, C. A.	40.80	Central of Georgia Rwy. Co.	3.51
Citizens' Coal Co.	35.50	Central R. R. Co. of New Jersey	.83
City Wood and Coal Co.	40.00	Central Vermont Rwy. Co.	4.78
Clearwater Fuel Co.	124.00	Charleston and Western Carolina Rwy. Co.	.90
Columbia Ice and Fuel Co.	98.25	Chesapeake and Ohio R. R. Co.	46.15
Consumers' Ice and Coal Co.	20.50	Chicago and Alton R. R. Co.	.22
Culp, Fred	10.00	Chicago, Burlington and Quincy Rwy. Co.	54.44
Dillon, J. W.	7.20	Chicago, Burlington and Quincy Rwy. Co. lines west of Missouri River	11.42
Doney, Ben, jr.	5.00	Chicago Great Western Rwy. Co.	1.55
Etheridge, A. H.	41.00	Chicago, Milwaukee and St. Paul Rwy. Co.	19.33
Ferguson, Jas. A.	210.20	Chicago and Northwestern Rwy. Co.	43.20
Fernandez, Antone	24.00	Chicago, Peoria and St. Louis Rwy. Co.	.22
Fitzgerald, Harry J.	56.85	Chicago, Rock Island and Pacific Rwy. Co.	18.86
Ford & Dunn Fuel and Feed Co.	14.75	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	16.96
Gastman, David	35.00		
Given, Lena T.	33.75		
Grammond Fuel Co., A. G.	6.00		
Griffin, W. J.	19.00		
Hastings, J. H.	7.00		
Havre Fuel Co.	93.00		
Houle, Raymond	4.00		
Iddings, C. F.	55.08		
Jefferson, George	7.50		
Johannes Coal Co.	157.48		
Jones, E. P.	30.00		
Jordin, A. O.	70.00		
Kemp, George	7.75		
Lawrence, Jesse C.	30.00		
Littlefield, F. Eugene	134.00		



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight—Continued.</i>		<i>Freight—Continued.</i>	
Cincinnati, Hamilton and Dayton Rwy. Co.....	\$1.05	San Francois County Rwy. Co.....	\$1.12
Cleveland, Cincinnati, Chicago, and St. Louis Rwy. Co.....	65.11	San Pedro, Los Angeles and Salt Lake R. R. Co.....	21.91
Colorado Midland Rwy. Co.....	20.31	Seaboard Air Line Rwy. Co.....	1.69
Colusa and Lake Railroad.....	.50	Southern Pacific Co., The.....	18.43
Davis, Turner & Co.....	7.00	Southern Rwy. Co.....	134.09
Delaware, Lackawanna and Western R. R. Co.....	5.65	Spreckels & Bros. Co., J. D.....	175.00
Denver, Northwestern and Pacific Rwy. Co.....	11.05	Star Union Line.....	44.10
Denver and Rio Grande R. R. Co.....	85.24	Steamer, G. W. Danielson.....	1.30
Detroit and Mackinaw Rwy. Co.....	7.39	Toledo, Peoria and Western Rwy. Co.....	2.18
Eastern Steamship Co.....	.35	Union Pacific R. R. Co.....	23.04
Evansville and Terre Haute R. R. Co.....	.71	Vicksburg, Shreveport and Pacific Rwy.....	3.07
Florida East Coast Rwy. Co.....	15.54	Wabash Railroad Co.....	61.44
Galveston, Harrisburg and San Antonio Rwy. Co.....	4.87	Washington County Rwy. Co.....	5.34
Gardner, H. B.....	1.20	Washington Southern Rwy.....	.97
Georgia R. R. Co., The.....	1.83	Western Maryland R. R. Co.....	1.00
Grand Rapids and Indiana Rwy. Co.....	10.78	Western Rwy. of Alabama.....	20.32
Grand Trunk Rwy. Co.....	2.62	Wisconsin Central Rwy. Co.....	.23
Great Northern Rwy. Co.....	49.19		
Humboldt Steamship Co., The.....	6.25	Total.....	2,123.01
Illinois Central R. R. Co.....	22.95		
Iliwaco Rwy. and Navigation Co., The.....	6.63	<i>Express.</i>	
Inter Island Steam Navigation Co., Ltd.....	1.20	Adams Express Co.....	235.17
International and Great Northern R. R. Co.....	4.68	American Express Co.....	.95
Lake Shore and Michigan Southern Rwy. Co.....	.64	Union Express Co.....	3.75
Lehigh Valley R. R. Co.....	3.63	United States Express Co.....	303.41
Lilly Co., The Chas. H.....	.40		
Long Island R. R. Co., The.....	16.21	Total.....	543.28
Louisville and Nashville R. R. Co.....	16.82		
Macon, Dublin and Savannah R. R. Co.....	1.20	<i>Telegraph.</i>	
Mallory Steamship Co.....	3.73	Atlantic De Forest Wireless Co.....	1.56
Michigan Central R. R. Co.....	2.41	Corvallis and Eastern R. R. Co.....	22.80
Minneapolis and St. Louis R. R. Co.....	.18	Direct West India Cable Co., Limited.....	902.66
Missouri, Kansas and Texas Rwy. Co.....	28.29	Great Northern Telegraph Co., Limited, The.....	287.44
Missouri Pacific Rwy. Co.....	18.35	Great Northwestern Telegraph Co., of Canada.....	1,426.72
Narragansett Pier R. R. Co.....	1.83	Harper, J. T.....	43.84
New Bedford, Marthas Vineyard and Nantucket Steamboat Co.....	1.38	International Ocean Telegraph Co.....	1,549.37
New Orleans and Northeastern R. R.....	14.95	Jacksonville and St. Johns Bar Telegraph Line.....	31.75
New York Central and Hudson River R. R. Co.....	11.41	Kelley Island and Sandusky Cable Co., The.....	16.40
New York, New Haven and Hartford R. R. Co.....	18.45	Marconi Wireless Telegraph Co., of America.....	556.84
New York and Porto Rico Steamship Co.....	.34	Marconi Wireless Telegraph Co., of Canada, Limited.....	239.92
New York, Philadelphia and Norfolk R. R. Co.....	.51	Marthas Vineyard Telegraph Co.....	372.39
Norfolk and Southern R. R. Co.....	101.47	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	127.07
Norfolk and Washington (D. C.) Steamboat Co.....	11.35	Pacific States Telephone and Telegraph Co.....	8.70
Norfolk and Western Rwy. Co.....	2.54	Postal Telegraph Cable Co.....	12,370.72
Northern Pacific Rwy. Co.....	61.42	Put in Bay Telegraph Co.....	21.86
Northwestern Steamship Co., Ltd.....	.75	West India and Panama Telegraph Co., Limited.....	1,344.25
Oregon Railroad and Navigation Co.....	20.96	Western Union Telegraph Co.....	170,317.80
Oregon Short Line R. R. Co.....	2.82		
Pennsylvania R. R. Co.....	66.59	Total.....	189,642.09
Peninsular and Occidental Steamship Co.....	25.73		
Pere Marquette R. R. Co.....	3.36	<i>Telephone.</i>	
Puget Sound Navigation Co.....	29.65	Alabama, Mississippi and Tennessee Telephone Co.....	76.00
Philadelphia, Newtown and New York R. R. Co.....	.28	Amarillo Telephone Exchange.....	36.00
Raleigh and Southport Rwy. Co.....	.86	Asheville Telephone and Telegraph Co.....	42.00
Richmond, Fredricksburg and Potomac R. R. Co.....	4.50	Bell Telephone Co., of Buffalo, The.....	159.14
St. Louis and Hannibal Rwy. Co.....	3.89	Bell Telephone Co., of Missouri, The.....	150.00
St. Louis and San Francisco R. R. Co.....	19.84	Bell Telephone Co., of Philadelphia, The.....	69.00
St. Louis Southwestern Rwy. Co. of Texas.....	2.14	Benzie County Telephone Co.....	16.00
		Bluff City Telephone Co.....	42.50
		Cairo Telephone Co.....	13.50

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Telephone—Continued.</i>		<i>Telephone—Continued.</i>	
Cape Vincent Telephone Co.....	\$9.00	Maryland Telephone and Telegraph Co.....	\$73.00
Capitol City Telephone Co.....	15.00	Meridian House Telephone Co.....	36.00
Capital Telephone and Telegraph Co.	18.00	Michigan State Telephone Co.....	569.60
Carr, J. C.....	12.00	Mississippi Valley Telephone Co. of Iowa.....	30.00
Central District and Printing Telegraph Co., The.....	434.20	Missouri and Kansas Telephone Co.....	127.03
Central New York Telephone and Telegraph Co.....	82.50	Mutual Telephone Co. (Iowa).....	36.00
Central Telephone and Telegraph Co., of New York.....	9.00	Mutual Telephone Co. (Pa.).....	24.00
Central Union Telephone Co.....	312.00	Mutual Telephone Co. (H. I.).....	48.00
Cherry County Telephone Co.....	30.00	Nebraska Telephone Co.....	216.00
Chesapeake and Potomac Telephone Co.....	85.03	New England Telephone and Telegraph Co.....	332.95
Chesterfield Telephone and Telegraph Co.....	22.90	New York and New Jersey Telephone Co.....	36.00
Chicago Telephone Co.....	217.07	New York and Pennsylvania Telephone and Telegraph Co.....	129.00
Cincinnati and Suburban Bell Telephone Co., The.....	69.00	New York Telephone Co.....	321.55
Citizens Telephone Co.....	99.65	Niles, C. M.....	14.60
Cleveland Telephone Co.....	84.00	North Arkansas Telephone Co.....	24.00
Colorado Telephone Co., The.....	282.00	North Dakota Independent Telephone Co.....	22.50
Columbia Electric Street Railway Light and Power Co.....	6.72	Northfield, Vt., Telephone Co.....	18.00
Columbia Telephone Co.....	24.00	North Platte Telephone Co.....	24.00
Columbus Citizens Telephone Co.....	40.00	Northwestern Telephone Exchange Co.....	270.80
Concordia Telephone Co.....	24.00	Ohio River Telephone Co., The.....	91.80
Consolidated Telephone Co.....	20.00	Ottawa Home Telephone Co.....	15.00
Consolidated Telephone, Telegraph and Electric Co.....	42.00	Ozark Bell Telephone Co.....	42.00
Consolidated Telephone Companies of Pennsylvania.....	36.00	Pacific Telephone and Telegraph Co., The.....	786.92
Cumberland Telephone and Telegraph Co.....	1,931.28	Pacific States Telephone and Telegraph Co.....	344.91
Cuyahoga Telephone Co., The.....	120.00	Palestine Telephone Co.....	36.00
Dakota Central Telephone Co., Incorporated.....	542.27	Peebles, W. B.....	20.13
Dane County Telephone Co.....	33.00	Peninsular Telephone Co.....	48.00
Delaware and Atlantic Telephone and Telegraph Co.....	45.00	Pennsylvania Telephone Co.....	117.00
Devils Lake Improvement Co.....	99.80	Peoples Telephone and Telegraph Co.....	40.00
Dodge City Telephone Co.....	18.00	Pioneer Telephone and Telegraph Co.....	51.00
Dubuque Telephone Co.....	24.00	Providence Telephone Co.....	123.50
Duluth Telephone Co.....	50.00	Rio Vista Telephone and Telegraph Co., The.....	30.80
East Tennessee Telephone Co.....	459.00	Roberts Telephone and Electric Co., The.....	18.00
Empire State Telephone and Telegraph Co., The.....	30.00	Rocky Mountain Bell Telephone Co.....	483.45
Fayette Home Telephone Co., The.....	24.00	Roswell Telephone and Manufacturing Co.....	42.00
Flagstaff Mutual Telephone Co.....	24.00	San Antonio Telephone Co., The.....	5.00
Frontier Telephone Co., The.....	68.00	Sandusky Telephone Co., The.....	24.00
Georgia Telephone and Telegraph Co.....	60.00	Santa Fe Electric Telephone Co.....	24.00
Great Northern Telephone Exchange.....	6.00	Sharpe & Rust.....	24.00
Great Northern Telephone Co.....	18.00	Shreveport Telephone Co.....	6.00
Home Telephone Co.....	120.80	Snickersville Telephone Co.....	20.00
Home Telephone and Telegraph Co.....	36.00	Southern Bell Telephone and Telegraph Co.....	1,260.59
Hudson River Telephone Co.....	66.50	Southern Bell Telephone and Telegraph Co., of Va.....	63.00
Hughes Electric Co.....	7.50	Southern Nevada Consolidated Telephone and Telegraph Co.....	30.00
Independent Long Distance Telephone Co.....	30.50	Southern New England Telephone Co., The.....	184.00
Independent Telephone Co., Taylor, Tex.....	21.00	Southern States Telephone Co.....	38.00
Independent Telephone Co., Topeka, Kans.....	27.00	Southern Utah Telephone Co.....	36.00
Indianapolis Telephone Co.....	60.00	Southwestern Telephone and Telegraph Co.....	359.00
Interstate Independent Telephone and Telegraph Co.....	36.00	Sunset Telephone and Telegraph Co., Telephone Co., of South Jersey.....	432.40
Iowa Telephone Co.....	208.00	Toledo Home Telephone Co., The.....	78.00
Ithaca Telephone Co.....	24.00	Topeka & Independent Telephone Co.....	9.00
Kansas City Home Telephone Co., The.....	54.00	Tri State Telephone and Telegraph Co.....	61.00
Keystone Telephone Co., of Philadelphia.....	80.00	Tucker Telephone and Telegraph Co.....	60.00
Kinloch Telephone Co.....	69.00	Tyrrell County Telephone Co.....	29.40
Knox Telephone and Telegraph Co.....	4.10	Union Telephone and Electric Light Co.....	15.00
La Crosse Telephone Co.....	30.00	Utah Independent Telephone Co.....	48.00
Lewis, R. L.....	60.00		
Louisville Home Telephone Co., The.....	78.50		

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Telephone—Continued.</i>		<i>Rent—Continued.</i>	
Washington County Telephone Co...	\$29.30	Hicks, Yale, agent.....	\$480.00
Western Electric Telephone System...	18.00	Hughes & Co., Ed. S.....	381.80
Wichita Independent Telephone Co...	30.00	Jefferson, George.....	10.00
Williamson County Telephone Co.....	7.00	Jeffris & Co., L. M.....	500.00
Wisconsin Telephone Co.....	206.35	Jones, E. P.....	107.33
Wythe Mutual Telephone Co.....	12.00	Keating, Fannie L., deceased, estate of.....	504.00
Wytheville Telephone Co.....	12.00	Lamb, P. H.....	600.00
Yankton Telephone Co.....	24.00	Law Building Co.....	250.00
York State Telephone Co.....	30.00	Leddy, Frank, agent Malley Building	760.00
Zenith Telephone Co.....	36.00	Los Angeles Trust Co.....	780.00
Total.....	15,018.04	Lovenskiold, O. C.....	331.00
<i>Rent.</i>		Lovett, George L.....	650.00
Adams, Orson, jr.....	480.00	McCall, F. A.....	550.00
American Surety Co. of New York...	3,500.00	Maduro & Sons, S. E. L.....	260.00
Asheville Library Association.....	300.00	Majestic Co., The.....	140.00
Ashurst, Elizabeth L.....	300.00	Marquette County Savings Bank.....	420.00
Baldwin, Charles.....	450.00	Marty, Albert.....	660.00
Bank of Tehama County (Red Bluff, Cal.).....	384.80	Marx, M.....	825.00
Bank of Wytheville.....	400.00	MaSabe, Jose.....	125.00
Beeson, C. M.....	353.64	Matthiessen, Frederick W.....	360.00
Boucher, Chas. M.....	360.00	Merchants' Exchange, The.....	500.00
Brown University.....	115.00	Merrill-Ring-Bliss Co.....	144.00
Buel, Charles J.....	378.00	Michigan Trust Co. Building.....	1,400.00
Buhne, Dillie L.; Pratt, Mary C.; Buhne, George C.; Buhne, Sophie C.....	369.10	Mill Valley and Mount Tamalpais Scenic Rwy.....	420.00
Capitol Trust Co.....	2.50	Mount Washington Rwy. Co.....	5.00
Capitol Savings and Trust Co., The.....	45.00	Mutual Assurance Society of Virginia.	1,000.00
Century Co., The.....	1,200.00	Nicholas Building Co., The.....	802.36
Chamber of Commerce Building.....	315.00	O'Neil, Eugene.....	540.00
Chemical Building Co.....	1,800.00	Osborn, Edward D.....	500.00
Citizens Bank of Norfolk.....	861.00	Parmentier, Margaret.....	297.00
City Bank and Trust Co.....	1,000.00	Peel, E. H.....	144.00
City of Palestine.....	292.00	Penoyer, E. L.....	235.00
Clark, D. H.....	720.00	Pioneer Press Co., The.....	600.00
Cleary Bros.....	540.00	Prudential Co.....	956.00
Coke, Kate F.....	300.00	Ransom, John E.....	540.00
Commissioner of the interior of Porto Rico.....	684.00	Richard, Emma.....	1,200.00
Connecticut Mutual Life Insurance Co., The.....	600.00	Roach, F. Norman.....	170.00
Connell, James L.....	475.00	Rolle, H.....	36.00
Consolidated Improvement Co.....	660.00	Ross, D. Hope.....	177.16
Cook, A. L.....	360.00	Royal Mail Steam Packet Co., The...	25.81
Crocker, Jacob.....	300.00	Seitz, F. W.....	180.00
Cummins, Katharine.....	440.00	Shelden, Mary E.....	375.00
Cutter, Dwight, attorney.....	65.00	Smith, E. Milner, agent.....	420.00
Dann, Wm. H.....	288.00	Smith, John B.....	300.00
Diaz, Angel, estate of.....	170.00	Smith, Willard A.....	60.00
Dooly, John E.....	1,080.00	Society for Savings in the City of Cleveland.....	1,440.00
Dyal-Upchurch Investment Co.....	750.00	Tacoma Chamber of Commerce Build- ing.....	420.00
Empire Building Trust.....	1,116.00	Talbot, Walter.....	450.00
Farmers' Deposit National Bank, The.	2,500.00	Taylor National Bank.....	540.00
Farmers' National Bank of Fresno.....	480.00	Thoma-Bigelow.....	510.00
First National Bank of Kalispel, The.	360.00	Title Guarantee Loan and Trust Co...	720.00
First National Bank of Portland, The.....	700.00	Union Trust Building Co., Limited...	614.17
Fitzgerald, Harry J.....	420.00	Van Deventer, James and Letitia Flournoy.....	77.42
Frazer, Alice R.....	504.00	Vicini, Laura P. Vda.....	340.00
Fraternal Hall Association.....	420.00	Victory, John P., agent.....	360.00
Fremont Lumber Co.....	351.00	Ware, H. J.....	444.00
Fuller, Earnest P.....	468.00	Warren Mercantile Co., F. E.....	620.00
Geiger, Adam.....	165.32	Western Electric Telephone System...	6.00
Geiser, Frank E.....	412.00	Williams, Burton S.....	327.00
Given, Lena L.....	402.00	Withrow, John A.....	120.00
Gonzales, Vicente.....	200.00	Woodliff, Thomas J.....	475.00
Gregory & Appel.....	1,500.00	Young Building Co., Limited, Alex- ander.....	1,020.00
Hannington, Henry, agent for Boston Building.....	1,710.00	Total.....	62,931.41
Harding, Edgar, estate of.....	540.00	<i>Gas and electricity.</i>	
Hayden Co., The.....	1,200.00	Abilene Light and Water Co.....	19.20
Hayden, Maggie L.....	360.00	Alpena Electric Light Co.....	22.05
Hazell, Louisa.....	650.00	A. and M. College of Kentucky.....	12.00
		Amarillo Water, Light, and Power Co.	64.39



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Gas and electricity—Continued.</i>		<i>Gas and electricity—Continued.</i>	
Anacortes Water Co.....	\$22.50	Huron Village Electric Light Plant (Ohio).....	\$10.70
Annapolis Gas and Electric Light Co.....	36.00	Indianapolis Light and Heat Co.....	38.86
Anniston Electric and Gas Co.....	70.25	Kalispell Water and Electric Co.....	117.00
Asheville Electric Co.....	16.32	Kenosha Gas and Electric Co.....	36.00
Ashland Light, Power, and Street Railway Co.....	38.00	Key West Electric Co.....	37.58
Astoria Electric Co.....	16.00	Lewiston-Clarkson Co.....	64.73
Atlantic Electric Light and Power Co., The.....	108.22	Light and Power Commission (Mar- quette).....	35.90
Benton Harbor and St. Joseph Elec- tric Railway and Light Co.....	25.00	Lincoln Traction Co.....	36.00
Biloxi Electric Railway and Power Co.....	18.00	Loud Henry Nelson.....	12.00
Board of Fire and Water Commis- sion.....	9.27	Manistee Gas and Electric Co.....	15.00
Born, E. A.....	111.00	Marais Lumber Co.....	13.80
Bricker, W. S.....	25.00	Marblehead Municipal Light Depart- ment.....	10.75
Brush Electric Light and Power Co.....	18.00	Marx, M.....	35.00
Burlington Light and Power Co.....	86.14	Menominee and Marquette Light and Traction Co.....	8.28
Cape May Light and Power Co., The.....	42.19	Michigan City Light and Power Co.....	25.00
Charleston Consolidated Railway, Gas, and Electric Co.....	58.98	Miller, J. E., & Son.....	12.42
Charlevoix Electric Light Plant.....	9.00	Milwaukee Electric Railway and Light Co., The.....	25.00
Cheney Sons, P. H.....	15.00	Minneapolis Gas Light Co.....	21.67
Citizens' Electric Co.....	25.00	Minneapolis General Electric Co., The.....	60.00
Citizens' Gas, Electric and Power Co.....	84.50	Morgan City Electric Co., Limited, The.....	30.00
Citizens' Gas and Electric Co., The.....	22.53	Municipal Electric Light Plant.....	21.80
City of Bentonville.....	48.36	Muskegon Traction and Lighting Co.....	30.00
City of Harbor Springs.....	30.00	Mutual Light and Water Co.....	28.80
City of Lake City.....	15.00	Narragansett Electric Lighting Co.....	27.84
City of Milwaukee.....	25.00	Narragansett Pier Electric Light and Power Co.....	42.90
City of Port Angeles.....	27.04	Nashville Gas Co.....	41.20
City of South Haven.....	25.00	Nashville Railway and Light Co.....	15.00
City of Thomasville.....	67.36	Nevada-California Power Co.....	36.00
City Treasurer (Tacoma, Wash.).....	12.44	Nevada Power M. & M. Co., The.....	18.00
Columbia Electric Street Railway, Light, and Power Co.....	39.60	New Bedford Gas and Edison Light Co., The.....	42.42
Commercial Electric Co., The.....	16.20	Newburyport Gas and Electric Co.....	36.64
Commonwealth Electric Co.....	16.05	New England Gas and Electric Co.....	37.05
Consolidated Gas Co. of New Jersey.....	3.80	New Orleans Gas Light Co.....	53.88
Consolidated Gas, Electric Light, and Power Co.....	8.30	New Orleans Railway and Light Co.....	11.00
Consolidated Electric Light Co. of Maine.....	75.00	Newport News and Old Point Rail- way and Electric Co.....	26.67
Day, D. H.....	15.00	Nichols Building Co., The.....	23.54
Del Rio Electric Light and Ice Co.....	2.50	Northern California Power Co.....	2.00
Devils Lake Improvement Co.....	28.48	North Platte Electric Light and Power Co.....	42.36
Dooly, John E.....	30.00	Norwich University.....	86.00
Duluth Edison Electric Co.....	73.01	O'Connor, James.....	16.69
Edison Electric Co., The.....	7.70	Oklahoma Gas and Electric Co.....	71.70
Edison Sault Electric Co.....	80.00	Owens, M. W.....	4.00
Electric Light Co. (Manitowoc, Wis.).....	36.00	Pacific Gas and Electric Co.....	37.97
Electric Light and Power Co. (Mun- ising, Mich.).....	13.80	Palestine Electric Light Co.....	2.25
Elizabeth City Electric Light and Power Co.....	25.00	Pascagoula Street Railway and Power Co.....	18.00
Eureka Lighting Co.....	24.00	Pellston Electric Co.....	25.00
Fall River Electric Light Co.....	24.31	Peoples Gas and Electric Co. of Oswego.....	14.00
Flagstaff Electric Light Co.....	27.00	Peoria Gas and Electric Co.....	98.46
Fort Smith Light and Traction Co.....	11.25	Port Arthur Water Co.....	15.00
Frankfort Electric Light Co.....	25.00	Port Huron Light and Power Co.....	8.00
Galveston Gas Co.....	45.30	Port Lavaca Ice, Light and Power Co.....	14.38
Georgetown Electric Co. (South Caro- lina).....	35.00	Potter, Rae.....	2.00
Gloucester Electric Co.....	19.56	Power Department (Bayfield, Wis.).....	10.00
Grand Haven City Electric Light Co.....	24.84	Quartermasters' Department, U.S.A. (Fort Yellowstone).....	18.79
Grand Rapids Edison Co.....	12.00	Raleigh Electric Co.....	31.56
Grand Rapids Gaslight Co.....	7.47	Red Wing Gas Light and Power Co.....	15.00
Green Bay Gas and Electric Co.....	25.00	Reno Power, Light and Water Co.....	15.60
Gulfport and Mississippi Coast Traction Co.....	12.00	Rockingham County Light and Power Co.....	23.28
Hayre Electric Co.....	126.20	San Antonio Gas and Electric Co.....	12.48
Helena Light and Railway Co.....	65.00	San Francisco Gas and Electric Co.....	4.40
Herrick, Richard.....	1.80	Santa Fe Water and Light Co.....	67.37
Houghton County Electric Light Co.....	23.07	Sheboygan Light, Power and Rail- way Co.....	22.00
Hughes Electric Co.....	86.40		





## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Printing and binding—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Syrus-York Co.	83.00	Blystone, M. E.	\$19.60
Telegraph Herald Publishing Co.	3.00	Blythe, W. T.	90.05
Times-Journal Publishing Co.	135.70	Bolton, J. P.	5.00
Todd, F. T.	2.00	Boyer, H. B.	1.25
Toof & Co., S. C.	3.00	Boyle, J. A.	37.05
Transylvania Co., The	2.00	Brand, A.	2.00
Tree, J. Will.	22.00	Brandenburg, F. H.	382.92
Tri City Lithographing and Printing Co.	1.00	Bridges, T. L.	12.17
Tribune-Reporter Printing Co.	87.00	Bright, C. B.	28.60
Turk, John.	2.25	Brockway, A. L.	430.27
Van Boeckman-Jones Co.	2.50	Brooks, E. M.	20.10
Walker Bros. & Hardy.	3.00	Brown, E. A.	8.62
Wendt & Rausch Co., The	3.00	Buchanan, E. R.	28.70
West, Frank A.	2.50	Buell, A.	2.65
Western Newspaper Union	5.33	Bunnemeyer, B.	130.50
Woodruff-Collins Printing Co.	3.50	Burns, A. G.	22.15
Wolf & Sieloff.	9.00	Burns, E. T.	6.25
World Publishing Co.	19.25	Burns, W. G.	96.04
Total	7,959.10	Byram, J. W.	2.50
<i>Apparatus, instruments, and laboratory material.</i>		Cade, W. R.	2.80
Eimer & Amend.	87.10	Calvert, E. B.	47.50
Electric Storage Battery Co., The	14.00	Chappel, G. M.	38.15
Eriksson, John E.	4.00	Church, V. H.	25.40
Flint & Walling Manufacturing Co.	2,234.25	Clark, R. E.	31.04
Friez, Julien P.	7,637.70	Clark, W. F.	1.00
Gaertner & Co., Wm.	70.00	Cline, I. M.	26.10
Gray & Sons, Peter	144.50	Cline, J. L.	25.30
Green, Henry J.	4,384.13	Coberly, E. D.	49.50
Gurley, W. & L. E.	6.00	Cogswell, D. B.	62.92
Harn, A. C.	25.00	Collins, P.	33.85
Jenks, W. S.	225.50	Collins, T. S.	3.00
Mogey, W. & D.	195.50	Conger, N. B.	532.58
Philadelphia Thermometer Co.	427.50	Connor, P.	41.55
Queen & Co., Inc.	589.50	Considine, T. J.	26.74
Richard, J.	1,217.27	Conway, M. E.	3.40
Schneider Bros.	68.10	Cooke, H. C.	41.00
Taylor, Taylor & Hobson (Limited)	127.50	Cover, L. C.	5.70
Toepfer & Sohn, Otto	17.21	Covert, R. N.	97.85
Warren, Henry E.	99.98	Cox, H. J.	511.06
Total	17,574.74	Cronk, J. W.	3.00
<i>Travel and station and field expenses.</i>		Cunningham, N. M.	79.79
Abbe, C.	19.16	Currier, W. S.	5.50
Adams, G. B.	32.30	Cushing, F. S.	9.45
Alciatore, H. F.	65.45	Cuthbertson, D.	102.84
Alexander, W. H.	9.25	Daingerfield, L. H.	1.25
Alps, H. F.	19.91	Day, W. L.	11.16
Andree, H. J.	10.00	Demain, E. R.	4.45
Armington, J. H.	71.04	Denson, L. A.	7.70
Ashenberger, A.	3.45	Devereaux, W. C.	76.55
Ashley, A. McC.	159.41	Dewing, C. R.	365.00
Bailey, W.	.75	Dey, Laura M.	14.75
Baldwin, H. McP.	52.35	Dey, Luther M.	1.20
Balster, J. A.	1.75	Dick, H. B.	4.00
Barger, G. J. P.	51.25	Disterdick, F. L.	45.15
Barron, W. E.	2.35	Dorman, L.	8.95
Bartlett, J. L.	15.25	Drake, T. F.	228.45
Bassler, S. S.	22.00	Drinkwater, A.	.96
Bate, H. C.	11.99	Dudley, W. M.	7.93
Bauer, J. W.	21.14	Dyke, R. A.	31.28
Beals, E. A.	128.12	Emery, E. H.	214.34
Belden, W. S.	50.54	Evans, E. A.	52.40
Bell, A. H.	3.50	Fassig, O. L.	71.16
Bell, W.	.75	Faulk, M. C.	67.65
Bennett, W. J.	1.90	Felger, G. W.	16.55
Berry, J.	3.00	Firestone, T. D.	21.50
Bigelow, F. H.	461.25	Fisher, R. L.	8.70
Blair, W. R.	13.25	Flattery, C. W.	27.55
Bliss, G. S.	57.30	Frankenfield, H. C.	647.33
Blosser, C. T.	51.70	Fuller, M. L.	4.40
		Garrason, J. S.	45.45
		Gariott, E. B.	89.25
		Gaskins, W. H.	48.75
		Geren, H. O.	114.90
		Gibson, T.	4.00
		Glass, E. J.	12.75
		Glenn, S. W.	63.56

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i>		<i>Travel and station and field expenses—</i>	
<i>Continued.</i>		<i>Continued.</i>	
Gosewisch, F. Z. ....	\$6.35	McDowall, G. W. ....	\$28.95
Grant, R. Q. ....	2.50	McGann, E. W. ....	.75
Grasse, H. W. ....	2.25	McGuinness, W. C. ....	69.70
Gray, J. J. ....	46.39	McLean, J. J. ....	25.85
Gregg, W. R. ....	48.65	Madden, S. H. ....	26.70
Grimes, G. E. ....	9.23	Marbury, J. B. ....	63.30
Groene, E. F. ....	9.55	Marean, E. F. ....	29.15
Gross, H. C. ....	.50	Marks, H. A. ....	14.33
Grover, J. ....	83.35	Marvin, C. F. ....	49.50
Grunow, D. C. ....	19.00	Maxwell, L. V. ....	18.45
Guthrie, L. J. ....	59.80	Middlesworth, V. ....	87.75
Hackett, S. ....	3.15	Miller, E. R. ....	47.63
Hadley, O. M. ....	10.31	Mills, C. L. ....	12.08
Haines, E. H. ....	61.57	Minehart, E. M. ....	66.60
Hamrick, A. M. ....	46.50	Mitchell, A. J. ....	58.70
Hardinge, R. M. ....	45.30	Mitchell, C. L. ....	36.15
Hare, W. B. ....	130.31	Mitchell, W. A. ....	7.48
Hart, F. J., jr. ....	4.48	Moore, W. L. ....	122.22
Hart, H. G. ....	29.78	Moxom, W. J. ....	27.75
Hartwell, F. E. ....	231.91	Neifert, W. W. ....	60.63
Hass-Hagen, G. ....	10.86	Newson, J. F. ....	26.96
Hayden, J. C. ....	159.34	Nichols, E. S. ....	87.12
Hayes, M. W. ....	71.43	Nimmo, E. H. ....	1.00
Hazen, J. S. ....	9.80	Norquest, C. E. ....	88.40
Henry, A. J. ....	83.65	Noyes, G. H. ....	1.30
Hersey, H. B. ....	634.48	Oberholzer, G. R. ....	89.34
Hess, P. ....	10.10	O'Donnell, J. J. ....	481.77
Hobbs, E. C. ....	7.00	Olds, W. J. ....	77.35
Hobbs, H. E. ....	4.55	Outram, T. S. ....	10.00
Hovde, M. R. ....	37.07	Page, J. ....	17.40
Howard, M. S. ....	56.75	Palmer, W. S. ....	59.12
Howe, H. C. ....	13.83	Parker, O. ....	9.50
Howe, Van V. ....	4.25	Parrott, L. S. ....	19.20
Humphreys, W. J. ....	259.08	Passallaigue, L. F. ....	27.80
Hutchison, J. E. ....	44.04	Patrick, W. ....	70.33
Hyatt, R. J. ....	47.60	Pennywitt, H. ....	17.65
Hyle, C. A. ....	.75	Peterson, S. P. ....	28.55
Jakl, V. E. ....	3.50	Pettet, R. D. ....	23.70
Jennings, T. B. ....	17.20	Piercy, J. C. ....	8.25
Jensen, N. H. ....	12.35	Pilcher, C. H. ....	3.00
Jermin, F. ....	32.80	Pindell, L. M. ....	26.10
Jesunofsky, L. N. ....	35.27	Pollock, R. E. ....	370.30
Johnson, C. E. ....	1.00	Pugh, A. W. ....	46.75
Johnson, E. H. ....	80.20	Purssell, U. G. ....	45.50
Johnson, H. N. ....	48.75	Randall, A. V. ....	26.46
Jones, E. P. ....	62.65	Rasmussen, M. ....	26.36
Jones, J. ....	2:4 55	Rawle, W. A. R. ....	2.66
Judkins, L. A. ....	35.21	Reed, C. D. ....	8.00
Justice, A. A. ....	12.90	Reed, W. F., jr. ....	18.20
Kadel, B. C. ....	35.12	Reeder, G. ....	43.43
Kelley, J. M. ....	4.70	Richards, G. M. ....	10.80
Kelliher, J. J. ....	35.25	Richardson, H. W. ....	47.05
Kenealy, J. ....	39.13	Roberts, O. W. ....	55.10
Kichline, H. E. ....	45.92	Robinson, J. H. ....	152.66
Kimball, H. H. ....	37.85	Robinson, M. A. ....	28.99
Kimball, J. H. ....	32.80	Roche, H. H. ....	14.22
King, T. H. ....	18.45	Roosa, I. P. ....	8.70
Kirk, J. M. ....	25.70	Ross, D. Hope ....	43.26
Lady, G. W. ....	39.20	Ryker, J. N. ....	19.75
Landis, D. S. ....	14.25	Salisbury, G. N. ....	8.55
Larcombe, B. P. ....	19.10	Sanford, M. R. ....	16.35
Lawton, G. E. ....	2.45	Scarr, J. H. ....	58.85
Lehman, W. F. ....	9.25	Schneider, C. F. ....	33.78
Lemmon, W. R. ....	27.25	Schoppe, W. J. A. ....	4.70
Lindley, R. T. ....	2.42	Scott, R. A. ....	47.70
Ling, C. W. ....	3.00	Seeley, D. A. ....	84.50
Linney, C. E. ....	107.98	Sherier, J. M. ....	5.60
Lodholz, L. ....	72.35	Shipman, T. G. ....	33.90
Lomasney, J. B. ....	101.91	Simons, W. U. ....	3.15
Loveland, G. A. ....	11.05	Slaughter, J. P. ....	71.80
Lyman, H. ....	27.55	Smith, E. D. ....	38.80
McAdie, A. G. ....	146.66	Smith, E. P. ....	24.55
McCallum, D. P. ....	11.85	Smith, H. C. ....	43.30
McClelland, H. ....	33.78	Smith, H. E. ....	5.05
McDonough, P. ....	60.85	Smith, J. H. ....	4.25



## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i>		<i>Travel and station and field expenses—</i>	
Continued.		Continued.	
Smith, J. W.....	\$69.54	von Herrmann, C. F.....	\$105.52
Smith, J. Warren.....	66.76	Voorhees, J. F.....	61.17
Smith, R. W.....	15.95	Vose, E. C.....	21.10
Smyth, P. H.....	2.35	Waldron, B. L.....	12.85
Snyder, J. B.....	166.25	Walz, F. J.....	42.80
Spencer, J. H.....	248.70	Warner, R. C.....	5.00
Spindler, H. H.....	1.75	Watters, W. H.....	18.50
Stewart, C.....	4.80	Weber, W.....	47.35
Stewart, O. D.....	74.10	Webert, L. P.....	42.10
Stewart, W. P.....	14.34	Weeks, J. R.....	2.50
Stockman, W. B.....	403.45	Wells, E. L.....	73.80
Stone, J. R.....	9.25	Whittier, B. B.....	18.65
Strong, C. M.....	3.75	Widmeyer, J. I.....	2.00
Stubbs, M. B.....	16.15	Wiesner, A.....	14.19
Sullivan, R. H.....	20.51	Wiest, E. S.....	25.65
Summey, A. T.....	54.66	Williams, F. L.....	4.19
Sutton, L. G.....	171.12	Williams, J. R.....	15.00
Tait, L. E.....	13.05	Wilson, G. N.....	4.70
Tarr, L. M.....	14.55	Wilson, W. M.....	61.39
Taylor, N. R.....	1.60	Wollaber, A. B.....	50.40
Thiessen, A. H.....	38.17	Wright, M.....	13.55
Thomas, W. W.....	54.50	Wurtz, G. B.....	12.46
Thompson, C. D. C.....	7.27	Wyland, W. L.....	103.10
Thompson, E. C.....	184.04	Young, F. A.....	2.40
Thorson, A. R.....	2.71	Young, R. F.....	85.70
Todd, G. T.....	28.94	Yeager, E. E.....	.50
Toole, J. P.....	7.31		
Townsend, T. F.....	10.14	Total.....	16,608.41

Total amount of appropriation.....	\$630,000.00
Total expenditures under above groups.....	529,764.77
Unexpended balance.....	100,235.23

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Atlantic De Forest Wireless Co.....	Telegraph.....	\$1.56
Corvallis and Eastern R. R. Co.....	do.....	22.80
Great Northern Telegraph Co. (Limited), The	do.....	287.44
Great North Western Telegraph Co., of Canada, The	do.....	1,426.72
Harper, J. T.....	do.....	43.84
International Ocean Telegraph Co.....	do.....	1,549.37
Jacksonville and St. John's Bar Telegraph Line.	do.....	31.75
Marconi Wireless Telegraph Co. of America	do.....	556.84
Marconi Wireless Telegraph Co. of Canada (Limited).	do.....	239.92
Marthas Vineyard Telegraph Co.....	do.....	372.39
Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	do.....	127.07
Pacific States Telephone and Telegraph Co.....	do.....	8.70
Postal Telegraph-Cable Co.....	do.....	12,370.72
Put-in-Bay Telegraph Co.....	do.....	21.86
Western Union Telegraph Co., The	do.....	170,317.80
Alabama, Mississippi, and Tennessee Telephone Co.	Telephone.....	76.00
Bell Telephone Co. of Buffalo, The.....	do.....	159.14
Central District and Printing Telegraph Co., The	do.....	434.20
Chesterfield Telephone and Telegraph Co.....	do.....	22.90
Citizens' Telephone Co.....	do.....	99.65
Cumberland Telephone and Telegraph Co.....	do.....	1,931.28
Dakota Central Telephone Co. (Incorporated)	do.....	542.27
East Tennessee Telephone Co.....	do.....	459.00
Home Telephone Co.....	do.....	120.80
Iowa Telephone Co.....	do.....	208.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Weather Bureau, 1907, \$630,000"—Continued.

## CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Michigan State Telephone Co.....	Telephone .....	\$569.60
New England Telephone and Telegraph Co.....	do.....	332.95
Niles, C. M.....	do.....	14.60
Northwestern Telephone Exchange Co., The.....	do.....	270.80
Ohio River Telephone Co., The.....	do.....	91.80
Pacific Telephone and Telegraph Co., The.....	do.....	786.92
Pacific States Telephone and Telegraph Co.....	do.....	344.91
Peebles, W. B.....	do.....	20.13
Rocky Mountain Bell Telephone Co.....	do.....	483.45
Southern Bell Telephone and Telegraph Co.....	do.....	1,260.59
Tucker Telephone and Telegraph Co.....	do.....	60.00
Tyrrell County Telephone Co., The.....	do.....	29.40
Union Telephone and Electric Light Co.....	do.....	15.00
Washington County Telephone Co.....	do.....	29.30
Direct West India Cable Co., The (Limited).....	Cable.....	902.66
Kelley Island and Sandusky Cable Co.....	do.....	16.40
Total.....		196,660.53
Miller, John A.....	Construction of building at La Crosse, Wis.....	9,732.50
Servey, Albert G.....	Construction of building at Iola, Kans.....	8,957.24
Shores, Ulysses G.....	Construction of building at Sheridan, Wyo.....	9,900.00
Woodworth, Ed. A.....	Construction of building at Charles City, Iowa.....	8,134.00
Total.....		36,723.74

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Buildings, Weather Bureau, 1907, \$53,000."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous, supplies etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Alder, A. H.....	\$51.87	Jackson, Frank H.....	\$925.00
Alder, J.....	130.12	Kelley, G.....	123.38
Allder, S.....	45.00	Kelley, G. W.....	13.00
Arnette, W. F.....	136.87	Kelley, J.....	194.25
Ashby, T. J.....	169.37	Kelley, O.....	43.00
Ashby, W.....	180.00	Kelly, A.....	49.50
Ashby, W. F.....	167.50	King, Charles T., & Co.....	1,250.00
Baker, C. W.....	155.25	Kluckhuhn & Bro.....	117.00
Barber & Ross.....	131.00	Lambie Co., Incorporated, James B.....	50.18
Bishop, Harry A.....	3,240.00	Lehman, William F.....	1.50
Blair, Algernon.....	7,306.92	Leslie, J. H.....	615.20
Bromilaw Brick Co.....	420.00	Lloyd, A.....	167.25
Carroll, George.....	52.87	Lloyd, J. L.....	283.74
Carroll, J.....	51.37	Lloyd, R.....	109.12
Carter, F.....	174.75	Lunceford, J. H.....	123.75
Champ, N.....	129.00	McCarthy, J. A.....	52.50
Chappell, G. W.....	99.38	McDonough, W. H.....	556.50
Clark, William F.....	1.00	Mahorney, A.....	132.75
Corning, J. H.....	147.89	Martz, C.....	196.87
Dove, J. M.....	91.25	Martz, F.....	146.90
Dyer, Wm. H.....	316.75	Martz, J. W.....	529.12
Elsa, R. T.....	81.00	Martz, S.....	171.50
Emery, Eben H.....	1.50	Martz, W.....	160.50
Everhart, H. O.....	239.25	Mayor and aldermen of Birmingham.....	60.00
Everhart, S. E.....	134.25	Mercer, N.....	55.50
Faester, W.....	174.75	Mercer, S. H.....	90.00
Feltner, Archie.....	91.25	Mitchell Co., The M. C.....	1,170.00
Feltner, A.....	264.37	Moran Co., John.....	30.00
Field & Co., Henry K.....	1,821.00	Murphy Co., Incorporated, E. J.....	150.00
Fowler, J.....	151.12	Muth & Co., Geo. F.....	45.79
Furr, J.....	52.87	Norris, Bros.....	810.94
Furr, M.....	103.87	Osburn & Bro.....	42.12
General Fireproof Co., The.....	80.64	Poston, T., jr.....	49.50
Grimes, G. W.....	4.50	Poston, T. F.....	111.00
Grove Lime and Coal Co., The.....	1,505.00	Prowell Hardware Co.....	55.30
Harding & Upman.....	876.44	Pyne, M. M.....	111.75
Hummer, F.....	82.50	Quintard Land Co.....	1,798.75
Hummer, W. S.....	198.00	Rosslyn Supply Co.....	173.80
Hummer, W. T.....	157.50	Rudolph & West Co.....	19.71

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Buildings, Weather Bureau, 1907, \$53,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture.</i>	
Scott, H. R.	\$550.00	Alliston & Paschall	\$17.75
Seth Thomas Clock Co.	12.00	Dewberry and Montgomery State Co.	12.50
Shafer, M. N.	222.00	Hoeke, W. H.	39.76
Smallwood, F. M.	298.50	McIntyre, Frank	1.00
Smoot, L. E.	566.10	Stowers Furniture Co.	109.00
Sowers, A.	29.25	Swayze, W. L.	3.20
Sowers, H.	238.87	Trigg Steele Co.	20.00
Spangler Co., The Frank	169.50		
Tavener, M. D.	210.00	Total	203.21
Thompson, A. W.	46.87	<i>Apparatus, instruments, and labora-</i>	
Tinsman, A. J.	237.50	<i>tory material.</i>	
Tinsman, E.	190.00	Flint and Walling Manufacturing Co.	71.00
Tinsman, W. H.	105.75	Friez, Julien P.	225.00
Tumblin, M.	51.37	Green, Henry J.	120.00
Walker Sons, J. T.	34.54	Richard, J.	120.24
Wolfsteiner Co., O. L.	1,475.00		
Total	34,441.89	Total	536.24

Total amount of appropriation..... \$53,000.00  
 Total expenditures under above group..... 35,181.34

Unexpended balance..... 17,816.66

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Buildings, Weather Bureau, 1907, \$53,000."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Blair, Algernon	Construction of building at Anniston, Ala.	\$10,458.92
Bishop, Harry A.	Construction of building at Birmingham, Ala.	13,750.00
King, Chas. T. & Co.	Heating apparatus at Mount Weather, Va.	2,102.68
Leslie, J. H.	Plumbing work at Mount Weather, Va.	1,296.78
Total		27,608.38

## RECAPITULATION.

Statutory salaries	\$193,918.11
Lump-fund salaries:	
In Washington	21,042.61
Outside of Washington	570,000.85
Stationery	38,277.04
Miscellaneous supplies and services, equipment, books, machinery, etc.	155,991.22
Furniture	12,441.88
Fuel	8,913.25
Freight	2,123.92
Express	747.69
Telegraph	189,642.09
Telephone	15,536.08
Rent	62,931.41
Gas and electricity	4,843.23
Apparatus, instruments, and laboratory material	18,166.09
Printing and binding	8,202.29
Travel and station and field expenses	16,608.41
Total for entire Weather Bureau	1,319,386.17
Total amount of appropriations	1,439,240.00
Total expenditures under above groups	1,319,386.17
Unexpended balance September 30, 1907	119,853.83
Outstanding liabilities (estimated)	102,430.58
Balance to be turned back to the Treasury (estimated)	17,423.25



## PROJECTS.

The principal projects conducted by the Weather Bureau during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

The general work of the Weather Bureau outside of Washington, except the construction of observatory buildings, was carried on under the authority contained in two appropriations, viz., "Salaries, Weather Bureau," from which all commissioned and temporary employees were paid, and "General expenses, Weather Bureau," from which all other expenses were paid. The commissioned employees were located at 206 stations, the majority of which served as centers for the prosecution of forecast, climatological, crop, river and flood work, etc., in the surrounding sections. The official in charge and the employees under him were engaged in the performance of the various lines of work that were carried on at each station. This work has been divided into projects, which are hereafter described. As an illustration: The official in charge of the station at New Orleans is in charge of the climatological work of the State of Louisiana, the forecasting of stages for the rivers within the State, the taking and recording of observations, the issuing of daily weather and temperature forecasts, the making of frost and cold-wave forecasts for several States, the dissemination of storm and hurricane warnings, the collection and dissemination of special meteorological crop observations, ocean meteorological observations, the printing and issuing of weather maps, bulletins, forecast cards, etc. All of this work is done by the official in charge and his corps of assistants, much of it being done simultaneously, the total time devoted to any one project varying from day to day according to existing weather conditions. The whole work is done in the same office, using the same furniture, stationery, and having a common expense for fuel, gas, electricity, etc. The work is so coordinated as to accomplish the greatest amount with the least expense, but the impracticability of determining an accurate cost of rent, gas, electricity, fuel, stationery, furniture, and other miscellaneous expenses, and the exact salary cost for each line of work is evident. The condition at New Orleans is typical of other stations. Therefore the cost indicated for each project has been approximated, but it is reasonably correct.

## No. 1. ADMINISTRATION.

Willis L. Moore, Chief of Bureau in Washington.

*Cost.*

Salaries in Washington.....	\$122, 160. 00
Traveling and field expenses.....	297. 57
Fuel, lights, repairs, supplies, etc.....	19, 842. 87
Total.....	142, 300. 44

## No. 2. THE MONTHLY WEATHER REVIEW.

Cleveland Abbe, professor of meteorology (Washington), editor.

A summary of the weather of the month and the year showing average temperature and other climatological data for about 3,500 land stations in the United States. The aim is to present the meteorological conditions for each month so that the weather of any part of the United States can be easily compared with that of any other, or with any portion of the world.

*Cost.*

Salaries.....	\$4, 200. 00
Traveling and field expenses.....	19. 16
Paper, composition, presswork, etc.....	12, 650. 00
Total.....	16, 869. 16

## No. 3. FORECAST WORK.

Edward B. Garriott, professor of meteorology (Washington), in charge.

(a) *Weather and temperature forecasts.*—Made twice daily for all States; based upon observations of meteorological conditions made at about 230 stations in the United States, the West Indies, Hawaiian Islands, Alaska, the Azores, Iceland, Canada, and a few points in Europe and Asia.

(b) *Storm Warnings*.—Warnings of storms likely to imperil shipping; distributed by telegraph, telephone, and other expeditious means to all ports on the Atlantic, Pacific, and Gulf seacoasts, and Great Lakes that are within the threatened zone.

(c) *Cold waves*.—Advices of coming of cold waves given in threatened districts twelve to thirty-six hours in advance by means of telegraph, telephone, mail, flag signals, etc.

(d) *Frost warnings*.—Issued during crop-growing seasons in the interest of fruit, truck, tobacco, and other growers.

(e) *Hurricane warnings*.—Special advices to threatened districts on Atlantic and Gulf coasts of approach of West Indian hurricanes.

(f) *Heavy snow warnings*.—For the benefit of transportation lines both in and out of cities.

(g) The daily distribution of forecasts and meteorological information by maps, bulletins, forecast cards, etc.

*Cost.*

Salaries.....	\$364, 465. 60
Traveling and field expenses.....	9, 486. 20
Miscellaneous supplies and expenses.....	319, 136. 10
Total.....	693, 087. 90

#### NO. 4. RIVER AND FLOOD SERVICE.

Harry C. Frankenfield, professor of meteorology (Washington), in charge.

For the staging of rivers and the issuing of daily forecasts of water stages and of flood warnings in the interest of commerce and navigation and for the saving of life and property.

*Cost.*

Salaries.....	\$43, 631. 57
Traveling and field expenses.....	1, 047. 33
Miscellaneous supplies and expenses.....	34, 811. 21
Total.....	79, 490. 11

#### NO. 5. CRANBERRY MARSH INVESTIGATIONS.

Henry J. Cox, professor of meteorology (Chicago), in charge.

Conducted in the marshes of Wisconsin for the purpose of improving frost warnings for benefit of this industry, which is peculiarly subject to damage by frost.

*Cost.*

Salaries.....	\$650. 00
Traveling and field expenses.....	300. 00
Miscellaneous supplies and expenses.....	50. 00
Total.....	1, 000. 00

#### NO. 6. CLIMATOLOGICAL AND CROP WORK.

James Berry, Chief of Division (Washington), in charge.

(a) *Climatological work*.—Establishing the climatology of the United States by means of meteorological observations taken at regular stations and by about 3,600 cooperative observers located in each county of the United States. The data for each State are collected monthly at a regular station designated as the State center, and published in quarto size.

(b) *Meteorological crop reports*.—Special observations of weather, precipitation, and temperature taken at about 290 places in the great cereal and cotton belts and telegraphed daily to district centers, where they are issued in bulletin form for the benefit of the corn, cotton, sugar, rice, and wheat interests. Weekly bulletins giving the summary of weather conditions for the preceding week that have had marked bearing on crops are printed and issued from each State center.

*Cost.*

Salaries.....	\$109, 596. 54
Traveling and field expenses.....	2, 325. 00
Miscellaneous supplies and expenses.....	76, 749. 13
Total.....	188, 670. 67

## NO. 7. OCEAN METEOROLOGY.

Henry L. Heiskell, Chief of Division (Washington), in charge.

(a) *Ocean meteorology work*.—The collection of meteorological and physical information pertaining to the oceans for vessels of war, of commerce, etc., plotting the data on daily synoptic charts, etc., and the preparation of data for use in the monthly pilot charts of the Atlantic and Pacific oceans issued by the Hydrographic Office.

(b) *Vessels reporting*.—The arrival and departure of passing vessels for the benefit of commerce and navigation at certain stations located on the Atlantic, Gulf, and Pacific coasts.

*Cost.*

Salaries.....	\$14, 113. 44
Traveling and field expenses.....	250. 00
Miscellaneous supplies and expenses.....	1, 712. 02
Total.....	16, 075. 46

## NO. 8. RESEARCH OBSERVATORY.

William J. Humphreys, professor of meteorological physics (Mount Weather, Va.), in charge.

For conducting meteorological observations for the improvement of weather forecasts, warnings, etc.

(a) *Meteorological observation station work*.

(b) *Studies of the atmosphere at the surface of the earth, and at various altitudes; determinations of its temperature, moisture content, pressure, state of electrification, direction, and magnitude of its movements, its cloudiness, dust content, absorption of light, of heat, and of electric waves, and its various other properties.*

(c) *Solar investigations, involving a careful measurement of the insolation, or amount of solar energy reaching the earth in a unit of time, the size and distribution of sun spots, faculæ, and prominences; and an especial effort to detect all changes in the registered amounts of the solar energy, and a careful effort to refer these changes to their real causes, whether of terrestrial or of solar origin.*

(d) *Terrestrial magnetism*—a study of the regular and of the irregular changes in the magnitude and direction of the earth's magnetic force, in connection with other terrestrial phenomena and with solar activities of all kinds.

(e) *Laboratory investigations*—the reproduction under controllable conditions of various meteorological phenomena, and experiments that may aid in explaining the origin and laws of weather conditions; also the construction and standardizing of certain apparatus.

NOTE.—Investigations classed under (b) and (d) are now being made, and preparations are being made for other lines of work as indicated.

*Cost.*

Salaries.....	\$14, 189. 33
Traveling and field expenses.....	300. 00
Miscellaneous supplies, apparatus, etc.....	10, 212. 33
Total.....	24, 701. 66

## NO. 9. INSTRUMENTS.

Charles F. Marvin, Professor of Meteorology (Washington), in charge.

Testing, comparing, devising, and making the delicate and dependable instruments that are required in practical and scientific meteorological work.

*Cost.*

Salaries.....	\$21, 926. 88
Traveling and field expenses.....	49. 50
Miscellaneous supplies and expenses.....	19, 816. 45
Total.....	41, 792. 83



## No. 10. INSPECTION OF STATIONS.

Norman B. Conger, inspector, Detroit, Mich.; Henry B. Hersey, inspector, Milwaukee, Wis.

Two officials who are charged with the inspection of the personnel, records, and service at the 206 regular stations of the Bureau.

*Cost.*

Salaries.....	\$4, 479. 17
Traveling and field expenses.....	1, 678. 06
Total.....	6, 157. 23

## No. 11. TELEGRAPH SERVICE.

Jesse H. Robinson, Chief of Division (Washington), in charge.

The collection and dissemination of observations, reports, forecasts, warnings, etc., including the maintenance and repair of telegraph and cable lines. The Government owns the following telegraph and cable lines, which are maintained for the securing of meteorological observations and in the interest of navigation, including the reporting of wrecks and marine casualties.

From—	Length of cables.	Length of land lines.
	<i>Miles.</i>	<i>Miles.</i>
Nantucket to Edgartown, Mass.....	24	10
Block Island to Narragansett Pier, R. I.....	11	20
Norfolk, Va., to Hatteras, N. C.....	6½	163
Key West to Sand Key, Fla.....	10	.....
Alp na to Thunder Bay and Middle Island, Mich.....	5½	31
Glen Haven to North and South Manitou Island, Mich.....	12½	17½
Charlevoix to Beaver Island, Mich.....	35	4
San Francisco to Farallon Island, Cal.....	21	58
Fort Stevens, Oreg., to North Head, Wash.....	8½	2
Port Crescent to Tatoosh Island, Wash.....	.....	64
Total.....	134	369½

*Cost.*

Salaries.....	\$17, 863. 44
Traveling and field expenses.....	452. 66
Miscellaneous supplies and expenses.....	561. 11
Total.....	18, 877. 21

## No. 12. RECORDS.

Frank H. Bigelow, professor of meteorology (Washington), in charge.

Taking observations, correcting and compiling the meteorological records made by the Bureau at all regular stations.

*Cost.*

Salaries.....	\$68, 107. 84
Traveling and field expenses.....	403. 22
Miscellaneous supplies and expenses.....	18, 299. 13
Total.....	86, 810. 19

## No. 13. BUILDINGS.

Edgar B. Calvert, assistant chief Division of Accounts (Washington), in charge.

The construction of observatory buildings which furnish offices, uniform and permanent conditions for accurate observations, and living quarters.

*Buildings erected and cost.*

Anniston, Ala.....	\$14, 860. 44
Birmingham, Ala.....	16, 178. 06
Charles City, Iowa.....	12, 304. 99
La Crosse, Wis.....	15, 642. 93
Mount Weather, Va. (2).....	21, 088. 48
Sheridan, Wyo.....	13, 890. 10
Iola, Kans.....	12, 018. 89
Total.....	105, 983. 89

## BUREAU OF ANIMAL INDUSTRY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Animal Industry, 1907, \$84,780."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Melvin, A. D.	Chief of Bureau, at \$4,500.	\$4,500.00	\$562.49
Jones, E. B.	Chief clerk, at \$2,000.	2,000.00	
Abel, Joseph.	Clerk, class 4.	1,425.00	157.78
Goodpasture, C. O.	do.	375.00	63.05
Carroll, Charles C.	do.	1,800.00	144.55
Chase, James L.	do.	1,800.00	
Pickens, J. M.	Editor, at \$2,000.	2,000.00	
Fossum, Andrew.	Clerk, class 3.	440.00	
La Pelle, Zebedee.	do.	533.34	
Newmyer, E. J.	do.	1,600.00	
Reynolds, McPherson	do.	1,266.67	
Rice, J. A.	do.	1,600.00	
Roberts, John	do.	1,600.00	
Bennett, E. A.	Clerk, class 2.	291.67	2.80
Cohran, John R.	do.	466.67	
La Pelle, Zebedee.	do.	933.33	
Cross, C. H.	do.	1,500.00	
Edsall, H. M.	do.	1,400.00	
Hornbaker, J. N.	do.	1,283.34	
Housman, A. M.	do.	1,400.00	
Johnston, E. C.	do.	1,400.00	
Magee, R. W.	do.	1,263.89	
Moran, Harry E.	do.	1,283.34	
More, F. C.	do.	1,217.23	
Myers, Carrie.	do.	1,400.00	
Price, Harry N.	do.	140.00	
Reynolds, McPherson	do.	291.66	
Rogers, Beatrice O.	do.	1,287.22	25.94
Allen, Burr.	Clerk, class 1.	400.00	
Cohran, John R.	do.	800.00	
Browning, A. J.	do.	450.00	
Gibbs, B. H.	do.	596.67	
Dent, Mary T.	do.	1,140.00	
Dyer, Robert W.	do.	443.33	
Sartz, Richard S. N.	do.	350.00	
Fagan, Mary E.	do.	1,200.00	
Gibbs, Henry C.	do.	230.00	
Haley, Joseph.	do.	800.00	
Graves, J. M.	do.	1,020.00	
Haughton, N. F.	do.	1,200.00	
Hornbaker, J. N.	do.	100.00	
Swank, W. R.	do.	1,100.00	
Mahon, M. H.	do.	1,200.00	
Pfender, C. A.	do.	1,200.00	
Reeves, S. R.	do.	300.00	
Meyst, F. W.	do.	50.00	
Russell, Geo. H.	do.	1,200.00	
Allen, Burr.	Clerk, at \$1,000.	666.66	
Walters, Mildred	do.	208.34	
Arlitt, John L.	do.	916.67	
Brown, Grace S.	do.	888.90	
Coleman, Irving E.	do.	306.94	
Waring, John H.	do.	250.00	
Hickey, Edward J.	do.	916.67	
Swank, W. R.	do.	83.33	
Meyst, F. W.	do.	958.33	
Summer, Louis C.	do.	655.56	
Woodin, G. L.	do.	183.33	
Tyson, Fanny	do.	1,000.00	
Henderson, Alice.	Clerk, at \$900.	900.00	
Hickey, Edward J.	do.	75.00	
Rapp, Emma V.	do.	825.00	
Field, Jas. E.	Clerk, at \$840.	140.00	
Rapp, Emma V.	do.	70.00	
Walters, Mildred E.	do.	595.00	
Simonton, L. J.	do.	840.00	
Field, J. E.	Clerk, at \$720.	510.00	
Walters, Mildred E.	do.	60.00	
Jones, Willie W.	do.	720.00	30.00
Schwahn, Ella	do.	218.00	
Wright, Alice J.	do.	240.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Animal Industry, 1907, \$84,780."—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Johnson, V. E.	Clerk, at \$600.	\$596.67	
Patton, H. Maria.	do.	600.00	
Brez, Colman.	Mechanic, at \$1,200.	1,200.00	
Maloy, Edward J.	Messenger and custodian, at \$1,000.	250.00	\$53.14
Stedman, Royal G.	do.	750.00	
Thompson, R. E. L.	Carpenter, at \$1,100.	1,100.00	62.26
Stedman, Wm. P.	Messenger, at \$840.	840.00	
Nichols, John.	Messenger, at \$720.	720.00	
Perry, Owen R.	do.	720.00	
Shimoneck, Wm. C.	do.	720.00	
Stedman, R. G.	do.	18.00	
Williams, F. S.	do.	702.00	
Goetz, Lena B.	Skilled laborer, at \$840.	840.00	
Cassell, A. C.	Skilled laborer, at \$720.	300.00	
Hollidge, A. H.	do.	150.00	
Perry, J. M.	do.	720.00	
Berlin, S. S.	Skilled laborer, at \$600.	300.00	
Cassell, A. C.	do.	300.00	
Phillips, Annie E.	do.	300.00	
Wesley, Charles.	do.	300.00	
Sheerer, George W.	Skilled laborer, at \$660.	660.00	
Berlin, S. S.	Skilled laborer, at \$480.	240.00	
Phillips, Annie E.	do.	240.00	
Castleman, S. D.	Fireman, at \$720.	210.00	
Haines, W. S. D.	Illustrator, at \$1,400.	1,400.00	

Total amount of appropriation	\$84,780.00
Total amount paid for salaries	76,642.76
Unexpended balance	8,137.24

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Farrington, A. M.	Assistant chief of Bureau, at \$3,000.	\$3,000.00	\$54.75
Mohler, John R.	Chief, pathological division, at \$3,000.	3,000.00	456.96
Washburn, H. J.	Assistant chief, pathological division, at \$2,000.	2,000.00	130.37
Dorset, Marion.	Chief, biochemical division, at \$3,000.	3,000.00	558.35
Steddum, R. P.	Chief, inspection division, at \$2,500 and \$3,000.	2,750.00	508.08
Wooden, Morris.	Assistant chief, inspection division, at \$2,000.	166.66	185.34
Hickman, R. W.	Chief, quarantine division, at \$2,750.	2,750.00	246.71
Ransom, B. H.	Chief, zoological division, at \$2,000.	2,000.00	616.31
Webster, Ed. H.	Chief, dairy division, at \$2,500.	2,500.00	1,300.57
Lane, C. B.	Assistant chief, dairy division, at \$1,800.	1,800.00	669.41
Schroeder, E. C.	Superintendent, experiment station, at \$2,500.	2,500.00	114.43
Rommel, George M.	Animal husbandman, at \$2,000.	2,000.00	741.85
Bell, G. A.	Assistant in animal husbandry, at \$1,500.	1,500.00	1,188.21
Ritzman, E. G.	Assistant animal husbandman, at \$1,200.	1,103.33	
Samson, George R.	do.	1,153.33	
Emery, James A.	Assistant in biochemical division, at \$2,000.	2,000.00	215.48
Kerr, Robert H.	Assistant in biochemical division, at \$1,200.	600.00	129.50
West, Albert M.	Assistant in biochemical division, at \$1,200 and \$1,400.	725.00	
Bolton, B. M.	Assistant bacteriologist, at \$2,000.	2,000.00	95.46
Rogers, L. A.	Bacteriological chemist, at \$1,600.	400.00	305.52
Floeken, C. F.	Assistant bacteriologist, at \$1,400.	128.33	71.12
Morse, Geo. B.	Assistant in pathological division, at \$1,800.	1,800.00	
Hart, George H.	Assistant in pathological division, at \$1,600.	1,600.00	11.87



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Buckley, John S.	Assistant pathologist, at \$1,800	\$1,800.00	\$193.67
Brown, E. W.	Assistant physiologist, at \$1,400	1,400.00	351.67
Hassall, Albert	Assistant in zoological division, at \$1,800	1,800.00	
Cotton, W. E.	Expert assistant, at \$1,800	1,800.00	
Formad, R. J.	Expert laboratory assistant, at \$1,600	1,248.89	420.85
Brett, G. W.	Assistant, at \$1,200	1,200.00	
Cave, Roy A.	Herdbook assistant, at \$1,200	550.00	38.48
Slocum, Rob. R.	Poultry assistant, at \$1,200	1,150.00	362.25
Gray, C. E.	Assistant dairyman, at \$2,000	500.00	694.58
White, B. D.	Expert in dairy division, at \$2,000	500.00	959.66
Santee, E. M.	Expert in dairy division, at \$1,600	1,262.22	1,004.76
Weld, Ivan C.	Assistant dairyman, at \$1,600	871.11	333.16
Whitaker, Geo. M.	Dairy inspector, at \$1,600	400.00	683.22
Latimer, W. J.	Expert in dairy division, at \$75 per month	322.50	12.50
White, G. Franklin	Expert, at \$1,200	600.00	107.45
Ramsay, R. A.	Veterinary inspector, at \$2,000 and \$2,500, and associate chief of division, at \$2,500	202.78	1,319.01
Eichorn, Adolph	Veterinary inspector, at \$1,500, \$1,600, and \$1,800	1,579.17	364.25
Pitney, Albert L.	Special agent, at \$1,800	1,545.00	
McBryde, C. N.	Scientific assistant, at \$1,800	1,800.00	541.06
Price, T. M.	do	1,800.00	201.53
Dexter, Wm. Hart	Scientific assistant, at \$1,400	1,400.00	302.74
Stuart, Duncan	Scientific assistant, at \$1,200 and \$1,400	516.66	640.26
Tilley, Frank W.	Scientific assistant, at \$1,200	53.33	
Davies, L. R.	Scientific assistant, at \$1,000	250.00	451.05
Graybill, H. W.	Scientific assistant, at \$1,000 and \$1,200	975.00	233.64
Hall, Maurice C.	Scientific assistant, at \$1,000	30.56	
Stevenson, E. C.	Scientific assistant, at \$1,000 and \$1,200	902.78	155.70
Raub, Ruth D.	Scientific assistant, at \$840 and \$1,000	555.01	
Rector, F. L.	Scientific assistant, at \$840	536.67	
Riley, Edward H.	do	840.00	138.39
Swanger, Chas. H.	Scientific assistant, at \$840 and \$1,200	459.00	549.66
Shore, H. J.	Laboratory assistant, at \$1,000; scientific assistant, at \$1,400	1,033.33	
McAuley, H. S.	Laboratory helper, at \$720	720.00	
Timberlake, T. O.	Laboratory helper, at \$540	165.00	68.50
Davis, B. J.	Laboratory helper, at \$480 and \$540	334.67	68.45
Ingersoll, E. H.	Laboratory helper, at \$480 and \$600	410.00	
Brereton, Louise	Assistant microscopist, at \$600	600.00	
Parks, G. H.	Architect, at \$1,800	1,800.00	754.72
Burgess, J. Ross	Architect, at \$1,400	70.00	
Parks, Karl E.	do	466.67	
Lockie, J. A.	Architect and draftsman, at \$1,000	249.99	
Bell, Mary E.	Clerk, at \$1,000	500.00	
Pirtle, T. R.	do	766.67	
Curtis, Maury	Clerk, at \$900	447.50	
Gibbs, Henry	Clerk, at \$900	450.00	
Sehorn, Victor H.	Clerk, at \$900, and clerk, stenographer, and typewriter, at \$1,000	775.00	
Chapman, Leola E.	Clerk, at \$840	420.00	
Gardner, Edith F.	Clerk, at \$840 and \$900	650.67	
Lambert, May A.	Clerk, at \$840	420.00	
Langille, L. A.	do	420.00	
McFarland, Hattie B.	do	420.00	
Scheele, Mabel A.	do	420.00	
Sherman, Caroline B.	do	280.00	
Temple, Susan B.	do	361.67	
Yates, Nellie	do	420.00	
Harbaugh, Kate L.	Clerk, at \$600	25.00	
Phillips, Ella M.	do	50.00	
Stamper, W. S.	Laboratory clerk, at \$1,200	1,200.00	
Duvall, Louise	Library clerk, at \$900	360.00	
Stein, S. B.	Clerk, stenographer, and typewriter, at \$1,000	41.67	
Baldwin, Henry B.	Clerk, stenographer, and typewriter, at \$900	7.50	
Waters, Joseph H.	do	35.00	
Troupe, Jo	Clerk, stenographer, and typewriter, at \$840	81.66	
Wood, Elizabeth J.	Clerk, stenographer, and typewriter, at \$480 and \$840	707.33	
Fogarty, John P.	Clerk-typewriter, at \$840	79.33	
Linton, Hunter B.	Clerk-typewriter, at \$720 and \$900	637.50	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Richardson, C. L.	Carpenter, at \$4 per diem	\$58.00	
Spalding, A. C.	do	60.00	
Cookman, Chas. L.	Carpenter, at \$3.50 per diem	731.50	
Forrest, Leon D.	do	5.25	
Golladay, L. C.	Carpenter, at \$3.50 and \$4 per diem	544.75	
Herbert, G. F.	do	169.50	
Robinson, W. P.	Carpenter, at \$3.50 per diem	3.50	
Sands, John K.	Plumber, at \$4 per diem	392.00	
Cratty, James A.	do	100.00	
Kesler, Wm. T.	Cabinetmaker, at \$3.50 per diem and \$1,000	594.84	
Neilson, C. W. C.	Cabinetmaker, at \$3.50 per diem	31.50	
Carter, Alonzo	Painter, at \$3.50 per diem	227.50	
Smith, Andrew J.	do	59.50	
Wood, Henry S.	do	105.00	
Fenton, Lee.	Electric wireman, at \$3 per diem	177.00	
Trice, T.	Skilled laborer, at \$840	\$40.00	
Poore, W. R.	Skilled laborer, at \$65 per month	780.00	
McCallion, Chas.	Skilled laborer, at \$720	334.00	
Andrews, Albert A.	Skilled laborer, at \$600	100.00	
Moxxey, J. A.	Laborer, at \$60 per month, and skilled laborer, at \$840.	750.00	
Seek, R. E.	Laborer, at \$60 per month, and skilled laborer at \$840.	750.00	
Shipley, J. W.	Laborer, at \$60 per month	84.00	
Stadtler, G. M.	Laborer, at \$55 and \$60 per month	690.00	
Alexander, Wm.	Laborer, at \$50 per month	600.00	
Caywood, E. V.	do	600.00	
Gingell, C. E.	do	600.00	
Henderson, H.	Laborer, at \$600	600.00	
Voigt, A.	Laborer, at \$50 per month	450.00	
Richards, J.	Laborer, at \$500	354.16	
Coleman, G. F.	Laborer, at \$45 per month	540.00	
Darr, Henry	do	540.00	
Mathews, F.	Laborer, at \$45 and \$50 per month	570.00	
Holmes, A.	Laborer, at \$40 per month	480.00	
Lancaster, F.	do	480.00	
Samuel, J.	Laborer, at \$40 and \$45 per month	510.00	
Woodland, Robert	Laborer, at \$40 per month	93.33	
Leftwich, J.	Laborer, at \$35 and \$40 per month	450.00	
Clipper, Cleave	Laborer, at \$30 per month	277.00	
Clipper, Will	do	201.00	
Drummonds, W. H.	Laborer, at \$30 and \$35 per month	390.00	
Gingell, W. E.	Laborer, at \$30 per month	173.00	
Houser, Lester	Laborer, at \$30 and \$35 per month	263.17	
Pugh, J. R.	Laborer, at \$30 per month	67.00	
White, G.	do	300.00	
Delaney, John	Unskilled laborer, at \$50 per month	470.00	
Epps, Richard	do	471.67	
Fox, C. W.	Unskilled laborer, at \$480	22.67	
Gill, C. T.	Unskilled laborer, at \$40 per month	480.00	
Harris, Alice V.	Unskilled laborer, at \$480	28.00	
Harris, Peter	do	13.33	
Hughes, M. L.	Unskilled laborer, at \$40 per month	480.00	
Lane, Clarence	Unskilled laborer, at \$480	5.33	
Mason, Sam.	do	18.67	
Talbot, Jennie	Unskilled laborer, at \$40 per month	10.66	
Willis, C. F.	Unskilled laborer, at \$480	292.00	
Wilson, Cornelius	do	22.67	
Brooks, William	Unskilled laborer, at \$360	104.00	
Crist, Frank	do	82.00	
Keene, George W.	do	80.00	
Pugh, Andrew D.	do	89.00	
Bailey, Helen	Unskilled laborer, at \$20 per month	4.67	
Douglas, Laura	do	18.01	
Simms, Isabella	do	21.33	
Castleman, S. D.	Fireman, at \$840	595.00	
Pugh, W. T.	Watchman, at \$60 per month	720.00	
Myers, H. B.	do	720.00	
Reamy, Thomas B.	Messenger, at \$840	840.00	
Voigt, F.	Messenger, at \$65 per month	780.00	
Fletcher, A. E.	Messenger, at \$360	103.00	
Griffith, G. L.	do	263.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
McCormick, J. D.	Messenger, at \$30 per month	\$20.00	
Mann, E. L.	Messenger, at \$30 per month and \$480	450.00	
Moore, Lawrence W.	Messenger, at \$360	178.00	
Bailey, Alice T.	Charwoman, at \$480	40.00	
De Atley, Alice V.	do.	480.00	
Fleming, Elizabeth	Charwoman, at \$40 per month	49.33	
Franklin, Julia R.	Charwoman, at \$480	40.00	
Jones, Jennie	do.	480.00	
O'Rourke, Estelle L.	do.	440.00	
Ridley, Cora M.	do.	78.67	
Sullivan, Maggie E.	Charwoman, at \$480, and laborer, at \$600	565.00	
Douglas, Louise	Charwoman, at \$240	44.67	
Winfield, Fannie E.	do.	150.00	
Total		111,460.67	
<i>Out of Washington.</i>			
Wray, W. H.	Veterinary inspector, at \$12.50 per diem	387.50	\$517.20
Cowie, Charles	Veterinary inspector, at \$8 diem and \$1,800	1,264.00	172.04
Russell, F. L.	Veterinary inspector, at \$8 per diem	792.00	382.15
Corlis, W. S.	Veterinary inspector, at \$5 per diem	200.00	57.90
Cumming, D.	do.	820.00	
Deadman, John F.	Veterinary inspector, at \$3 per diem	63.00	
Potter, H. T.	Veterinary inspector, at \$3 and \$5 per diem	278.00	48.24
Geddes, Toobie A.	Veterinary inspector, at \$2,000 and \$2,500	1,208.33	1,038.85
Ramsay, Robert A.	Veterinary inspector, at \$2,000	1,833.32	
Andrews, Wm. R.	Veterinary inspector, at \$1,800	210.00	143.79
Everly, O. W.	do.	450.00	588.62
Price, John O. F.	do.	375.00	151.64
Allen, Leslie J.	Veterinary inspector, at \$1,600	133.33	451.02
Bray, Thomas A.	Veterinary inspector, at \$1,600 and \$1,800	1,700.00	269.05
Clarke, Lowell	Veterinary inspector, at \$1,600, \$2,000, and \$2,250	2,008.33	998.82
Coleman, Arthur T.	Veterinary inspector, at \$1,600 and \$1,800	408.88	154.96
Davidson, F. T.	Veterinary inspector, at \$1,600 and \$2,000	1,896.67	1,212.92
Henderson, Edwin P.	Veterinary inspector, at \$1,600	400.00	726.95
Holcombe, A. A.	Veterinary inspector, at \$1,600 and \$1,800	1,650.00	305.10
Metsker, Louis	do.	638.33	176.32
Niles, W. B.	do.	1,716.66	112.65
Payne, Albert J.	Veterinary inspector, at \$1,600	133.33	742.68
Thompson, Wm.	do.	400.00	630.22
Treacy, R. H.	Veterinary inspector, at \$1,600, \$1,800, and \$2,000	1,816.67	1,475.71
Turner, Thomas J.	Veterinary inspector, at \$1,600 and \$1,800	1,400.00	216.28
Weibe, Walter E.	do.	371.11	276.24
Wiley, Morris C.	do.	685.56	331.05
Zink, Chas. H.	do.	1,700.00	473.10
Adair, H. B.	Veterinary inspector, at \$1,500, \$1,600, and \$1,800	1,675.00	
Ball, Harry M.	Veterinary inspector, at \$1,500	733.33	220.95
Barth, W. C.	Veterinary inspector, at \$1,500, \$1,600, and \$1,800	1,675.00	976.86
Batchelder, H. M.	do.	1,629.17	542.38
Beechy, Levi P.	Veterinary inspector, at \$1,500 and \$1,600	775.00	168.55
Blanche, Richard J.	Veterinary inspector, at \$1,500, \$1,600, and \$1,800	1,625.00	295.77
Bond, G. A.	Veterinary inspector, at \$1,500 and \$1,600	721.66	351.95
Canfield, Chas. H.	Veterinary inspector, at \$1,500, \$1,600, and \$1,800	1,570.83	119.31
Clawson, Clarence A.	do.	1,066.67	424.88
Cosford, S. E.	do.	1,675.00	415.19
Day, W. E.	Veterinary inspector, at \$1,500	691.67	518.50
Denning, Chas. W.	do.	625.00	407.23
Drake, Roy N.	Veterinary inspector, at \$1,500, \$1,600, and \$1,800	1,625.00	567.10
Eells, Frank C.	Veterinary inspector, at \$1,500	379.17	130.80
Fish, J. G.	Veterinary inspector, at \$1,500, \$1,600, and \$1,800	1,675.00	737.38
Fleming Wm. R.	do.	1,228.61	521.00
Fretz, Warren J.	do.	949.44	948.26
Hammond, H. J.	do.	1,625.00	618.02
Hanawalt, D. C.	Veterinary inspector, at \$1,500	175.00	853.08
Hancock, Henry J.	do.	325.00	133.90
Hicks, H. H.	Veterinary inspector, at \$1,500, \$1,600, and \$1,800	1,616.67	1,047.60
Hopkins, F. W.	Veterinary inspector, at \$1,500	208.33	259.75
Hutchinson, E. N.	Veterinary inspector, at \$1,500, \$1,600, and \$1,800	1,675.00	775.92
Imes, Marion	Veterinary inspector, at \$1,500, \$1,800, and \$2,000	1,645.84	785.94
Irwin, Albert N.	Veterinary inspector, at \$1,500 and \$1,800	1,262.50	309.74



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Jacobs, J. Otis.....	Veterinary inspector, at \$1,500 and \$1,600.....	\$1,121.66	\$478.18
Kershner, Peter I.....	Veterinary inspector, at \$1,500, \$1,600, and \$1,800.....	1,675.00	452.69
Kiernan, J. A.....	Veterinary inspector, at \$1,500, \$1,600, \$1,800, and \$2,000.....	1,191.68	1,450.89
Lantz, Matthias S.....	Veterinary inspector, at \$1,500.....	250.00	375.23
Lawton, Russell G.....	Veterinary inspector, at \$1,500, \$1,600, and \$1,800.....	1,491.66	810.61
Murray, F. E.....	do.....	956.94	801.07
O'Rourke, Isaac W.....	Veterinary inspector, at \$1,500.....	237.50	61.10
Parker, Joseph W.....	do.....	125.00	717.15
Savage, W. A.....	Veterinary inspector, at \$1,500, \$1,600, and \$1,800.....	1,625.00	424.96
Siggins, E. L.....	do.....	1,675.00	495.05
Smith, Nathaniel B.....	Veterinary inspector, at \$1,500 and \$1,600.....	1,054.99	312.10
Totten, Geo. E.....	Veterinary inspector, at \$1,500, \$1,600, and \$1,800.....	1,629.17	735.27
Townsend, N. L.....	Veterinary inspector, at \$1,500 and \$1,600.....	258.33	196.72
White, Thomas.....	Veterinary inspector, at \$1,500.....	625.00	462.96
Bailey, Alfred L.....	Veterinary inspector, at \$1,400.....	657.23	259.85
Beattie, Joseph G.....	do.....	342.22	127.65
Behler, C. R.....	Veterinary inspector at \$1,400 and \$1,600.....	1,450.00	519.20
Berdan, Augustus.....	Veterinary inspector, at \$1,400.....	233.34	184.00
Blackwell, Albert M.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,500.00	534.67
Bracken, Wm. J.....	Veterinary inspector, at \$1,400 and \$1,600.....	1,450.00	497.25
Brewer, Frank W.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,500.00	470.48
Browning, Geo. W.....	Veterinary inspector, at \$1,400, \$1,500, \$1,600, and \$1,800.....	1,575.00	456.92
Burgett, John L.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,208.34	394.01
Butler, Wm. J.....	Veterinary inspector, at \$1,400 and \$1,600.....	1,399.45	779.40
Campbell, Larkin S.....	do.....	1,450.00	425.75
Cary, Emerson J.....	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.....	1,600.00	843.76
Cater, Fred C.....	Veterinary inspector, at \$1,400.....	268.34	80.21
Coffy, Joseph P.....	do.....	291.67	180.38
Cohenour, Howard H.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,492.22	710.35
Cole, Guy T.....	Veterinary inspector, at \$1,400.....	350.00	144.52
Crewe, Wilton F.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,200.00	644.35
Eagle, Thos. J.....	Veterinary inspector, at \$1,400.....	540.55	203.64
Echols, Bryon C.....	do.....	256.67	179.35
Evans, Fred.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,500.00	353.24
Flaherty, Geo. F.....	Veterinary inspector, at \$1,400.....	233.34	108.84
Gallagher, B. A.....	Veterinary inspector, at \$1,400 and \$1,800.....	508.34	725.20
Gallagher, F. L.....	Veterinary inspector, at \$1,400.....	159.45	152.95
Glynn, Frank J.....	Veterinary inspector, at \$1,400 and \$1,600.....	1,364.44	587.77
Graham, Ralph.....	do.....	1,158.34	368.96
Hamilton, Wm.....	do.....	1,450.00	386.75
Heacock, Clyde C.....	do.....	1,450.00	535.50
Henderson, L. C.....	do.....	1,450.00	153.78
Hiatt, William L.....	Veterinary inspector, at \$1,400.....	85.56	337.04
Hills, John V.....	do.....	256.67	229.13
Hougendobler, J. J.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,500.00	700.52
Hoyman, Harry J.....	Veterinary inspector, at \$1,400 and \$1,600.....	1,450.00	338.51
Hurst, Wilbur H.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,500.00	596.92
Johnson, Western L.....	do.....	1,500.00	860.97
Jones, Wm. F.....	do.....	1,500.00	563.45
McCall, Charles A.....	do.....	1,500.00	143.90
McCarthy, Thos. A.....	Veterinary inspector, at \$1,400.....	233.34	181.70
McClure, S. W.....	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.....	1,550.00	962.53
McFarland, Claude M.....	Veterinary inspector, at \$1,400.....	116.66	519.90
MacKellar, Wm. M.....	do.....	58.33	721.03
McNally, Henry R.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,500.00	190.29
Mahoney, Alfred J.....	Veterinary inspector, at \$1,400.....	116.67	.....
Marshall, Henry.....	Veterinary inspector, at \$1,400 and \$1,600.....	317.22	389.15
Mason, W. D.....	Veterinary inspector, at \$1,400.....	268.33	232.79
Miller, Arthur W.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,500.00	428.30
Myers, Murray J.....	do.....	881.67	753.75
Nightbert, E. M.....	do.....	566.66	561.85
Norgaard, Victor A.....	Veterinary inspector, at \$1,400.....	1,400.00	.....
Noyes, Orrin W.....	Veterinary inspector, at \$1,400 and \$1,600.....	1,450.00	726.94
Nutting, L. A.....	Veterinary inspector, at \$1,400 and \$1,800.....	1,500.00	966.10
O'Connor, John P.....	Veterinary inspector, at \$1,400 and \$1,600.....	1,450.00	817.25
Oldaker, Emery E.....	Veterinary inspector, at \$1,400.....	159.45	124.60
Peabody, Horace C.....	do.....	27.23	48.45

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Pearson, Charles.....	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	\$1,458.88	\$281.65
Perry, F. M.....	Veterinary inspector, at \$1,400, \$1,500, and \$1,800.	1,338.34	212.10
Pfaffman, Geo. A.....	Veterinary inspector, at \$1,400.	268.33	96.15
Potter, Geo. M.....	do	342.22	170.89
Proper, L. J.....	do	101.11	100.05
Rich, Theodore S.....	do	466.66	151.95
Robbins, Hartwell.....	do	342.22	230.96
Ruth, Adolph.....	do	350.00	47.45
Schumacher, Wilhelm.....	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,481.11	713.45
Scott, Preston B.....	Veterinary inspector, at \$1,400.	128.34	97.45
Simpson, John M.....	Veterinary inspector, at \$1,400 and \$1,800.	1,500.00	432.63
Songer, Lee C.....	Veterinary inspector, at \$1,400 and \$1,600.	1,450.00	992.53
Stauffer, J. A.....	Veterinary inspector, at \$1,400 and \$1,800.	1,500.00	810.15
Stout, Edgar N.....	do	1,500.00	434.20
Teuple, Geo. R.....	Veterinary inspector, at \$1,400.	175.00	35.80
Ward, G. W.....	Veterinary inspector, at \$1,400 and \$1,800.	1,600.00	101.84
Yager, E. P.....	Veterinary inspector, at \$1,400.	159.45	152.75
Young, John M.....	Veterinary inspector, at \$1,400 and \$1,600.	1,450.00	394.45
Allen, Rollin M.....	Veterinary inspector, at \$1,200 and \$1,400.	1,250.00	648.67
Anders, Thos. O.....	do	1,140.00	343.81
Anglicker, Jacob.....	Veterinary inspector, at \$1,200.	83.33	261.75
Babson, S. C.....	do	363.33	110.90
Barr, Edwin E.....	do	250.00	92.35
Baumann, Ernest H.....	Veterinary inspector, at \$1,200 and \$1,600.	398.89	.....
Beattie, Robert S.....	Veterinary inspector, at \$1,200.	300.00	368.65
Boazman, James B.....	do	166.67	305.43
Brimhall, S. D.....	Veterinary inspector, at \$1,200 and \$1,400.	1,275.00	361.00
Buffington, R. M.....	do	890.00	405.84
Bundy, Edward A.....	Veterinary inspector, at \$1,200.	300.00	526.00
Butler, J. S.....	do	250.00	216.45
Cady, Bert J.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,325.00	750.15
Caldwell, Harry.....	Veterinary inspector, at \$1,200 and \$1,400.	400.00	804.45
Carle, Edward C.....	Veterinary inspector, at \$1,200.	400.00	.....
Casper, Geo. T.....	Veterinary inspector, at \$1,200 and \$1,400.	1,275.00	608.35
Cock, James H.....	Veterinary inspector, at \$1,200.	246.67	14.30
Comley, Chas. C.....	Veterinary inspector, at \$1,200 and \$1,400.	816.67	294.05
Cracroft, T. Byron.....	do	586.67	204.75
Cummins, Wm. M.....	Veterinary inspector, at \$1,200.	600.00	116.00
Dallas, John T.....	Veterinary inspector, at \$1,200 and \$1,400.	1,123.33	40.65
Davidson, Wm. A.....	Veterinary inspector, at \$1,200.	200.00	68.59
Dennis, Vernon A.....	do	73.33	399.16
Dill, Robert.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,391.67	866.65
Drake, Edward J.....	Veterinary inspector, at \$1,200.	526.66	348.85
Drummond, Robt. H.....	do	576.67	388.93
Dumbauld, Harry.....	Veterinary inspector, at \$1,200 and \$1,400.	800.00	358.98
Elwell, Fred N.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,325.00	652.09
Exline, James C.....	Veterinary inspector, at \$1,200 and \$1,400.	1,358.33	786.08
Fish, Wesley F.....	Veterinary inspector, at \$1,200.	366.67	521.21
Foster, J. P.....	do	400.00	297.85
Fry, Wm. A.....	do	200.00	579.83
Gallagher, John J.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,433.34	1,208.37
Gilbert, Niron O.....	Veterinary inspector, at \$1,200.	146.67	124.55
Glenn, Harry H.....	Veterinary inspector, at \$1,200 and \$1,400.	450.00	123.05
Graham, Ralph.....	Veterinary inspector, at \$1,200.	600.00	519.65
Grimes, Robt. B.....	Veterinary inspector, at \$1,200 and \$1,400.	916.67	258.05
Gross, Wm. F.....	do	1,220.00	559.20
Harmon, Arthur A.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,433.34	742.55
Harrington, D. W.....	Veterinary inspector, at \$1,200.	190.00	.....
Hart, Harry M.....	Veterinary inspector, at \$1,200 and \$1,400.	1,140.00	572.02
Hood, H. B.....	Veterinary inspector, at \$1,200.	190.00	682.95
Hughes, Albert N.....	do	783.33	41.50
Johnson, Fred E.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,408.33	748.09
Johnson, Levi E.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,416.67	296.20
Jones, Robert W.....	Veterinary inspector, at \$1,200.	250.00	118.25
Lamb, Morgan B.....	do	163.33	13.65
Lash, Elmer.....	Veterinary inspector, at \$1,200 and \$1,400.	193.34	73.90

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lauman, Fred J.	Veterinary inspector, at \$1,200.	\$250.00	\$82.96
Lipp, Geo. A.	Veterinary inspector, at \$1,200 and \$1,400.	1,341.67	242.45
Lowe, John H.	Veterinary inspector, at \$1,200, \$1,400, and \$1,800.	1,483.34	615.25
Lull, Elmer E.	Veterinary inspector, at \$1,200.	250.00	225.00
Lytle, Wm. H.	Veterinary inspector, at \$1,200 and \$1,400.	950.00	487.35
McClure, Will E.	Veterinary inspector, at \$1,200.	560.00	142.91
McGinnis, R. W.	Veterinary inspector, at \$1,200 and \$1,400.	1,145.00	321.95
Martin, Robt. M.	Veterinary inspector, at \$1,200.	146.67	66.95
Mauldin, C. E.	do.	660.00	417.72
Mayer, Oliver C.	do.	46.67	17.45
Mayne, H. D.	Veterinary inspector, at \$1,200, \$1,400, and \$1,800.	1,550.00	279.85
Morin, C. L.	Veterinary inspector, at \$1,200.	1,200.00	152.55
Myers, Willis A.	Veterinary inspector, at \$1,200 and \$1,400.	400.00	680.44
Nance, Joseph E.	Veterinary inspector, at \$1,200.	183.33	73.52
Naylor, Ralph E.	Veterinary inspector, at \$1,200 and \$1,400.	200.00	86.25
Ney, Wm. O.	Veterinary inspector, at \$1,200.	200.00	61.90
Noyes, Ralph E.	Veterinary inspector, at \$1,200 and \$1,400.	253.34	175.85
Olbeter, Rudolph M.	Veterinary inspector, at \$1,200.	300.00	309.95
Owen, F. D.	Veterinary inspector, at \$1,200 and \$1,400.	441.66	165.92
Paxton, I. B.	do.	973.33	787.52
Peck, Scott W.	Veterinary inspector, at \$1,200.	1,170.00	770.00
Petty, John W.	do.	100.00	33.65
Philpott, L. B.	do.	240.00	145.25
Pinkerton, H. E.	Veterinary inspector, at \$1,200 and \$1,400.	1,250.00	590.06
Ragland, Marcus J.	do.	1,275.00	363.61
Rietz, John H.	do.	943.33	482.45
Rigdon, Frank.	do.	1,016.67	477.59
Rigdon, Scott J.	do.	400.00	136.44
Robards, Jesse.	do.	1,000.00	465.96
Rodibaugh, S. J.	do.	134.99	137.99
Royce, J. A.	Veterinary inspector, at \$1,200.	120.00	117.55
Schneider, F. L.	Veterinary inspector, at \$1,200 and \$1,400.	1,125.00	887.40
Silverwood, Herbert.	Veterinary inspector, at \$1,200.	276.67	214.45
Singleton, Henry.	do.	500.00	88.55
Skinner, Wm. A.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,400.00	810.45
Smith, S. M.	Veterinary inspector, at \$1,200.	1,000.00	622.38
Snyder, Rudolph.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,325.00	666.82
Spencer, Wm. T.	Veterinary inspector, at \$1,200 and \$1,400.	293.34	218.80
Steele, Joseph G.	do.	430.00	142.04
Talbot, Seth P.	do.	1,150.00	410.70
Thomas, George E.	do.	1,050.00	621.42
Thrower, John D.	Veterinary inspector, at \$1,200.	200.00	.....
Tiffany, John B.	Veterinary inspector, at \$1,200 and \$1,400.	108.89	47.70
Traum, Jacob.	do.	1,275.00	755.19
Treloar, Delbert C.	Veterinary inspector, at \$1,200.	296.67	269.25
Van Allstyne, Wm. C.	do.	546.67	375.20
Warner, Dick E.	Veterinary inspector, at \$1,200 and \$1,400.	840.00	509.83
Webster, John Henry.	Veterinary inspector, at \$1,200.	210.00	.....
Will, Evan J.	do.	283.33	231.28
Woollen, D. M.	do.	400.00	470.15
Yard, William W.	do.	956.67	170.07
Yenner, William.	Veterinary inspector, at \$1,200 and \$1,400.	1,266.67	118.83
Gray, C. E.	Expert in dairying, at \$2,000, and assistant dairyman, at \$2,000.	1,500.00	.....
White, B. D.	Expert in dairying, at \$2,000.	1,416.67	.....
Smarzo, W. S.	Expert in dairying, at \$1,800, assistant dairyman, at \$1,800, and expert, at \$10 per diem.	1,420.00	274.55
Credicott, H. J.	Expert in dairying, at \$1,600.	1,582.23	329.38
Doane, C. F.	do.	1,600.00	615.38
Rawl, B. H.	do.	133.33	1,958.88
Willis, Samuel B.	Expert in dairying, at \$5 per diem.	110.00	.....
Sammis, John L.	Expert in dairying, at \$1,200.	1,200.00	68.98
Moore, J. W.	Expert in dairying, at \$1,000.	750.01	131.30
Thomson, F. R.	Expert in dairying, at \$720.	60.00	.....
Lang, M. W.	Dairy inspector, at \$2,000.	2,000.00	1,275.51
Wells, Levi.	Dairy inspector, at \$1,800.	1,800.00	1,500.92
Whitaker, Geo. M.	Dairy inspector, at \$1,600.	1,200.00	.....



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McAdam, Robert	Dairy inspector, at \$1,500.	\$1,500.00	\$1,868.09
McDonald, E. A.	do.	1,500.00	1,696.02
Weld, I. C.	Assistant dairyman, at \$1,600.	266.67	
Shaw, Roscoe H.	Dairy expert, at \$1,800.	1,800.00	24.65
Barrett, Joseph H.	Dairy expert, at \$5 per diem.	5.00	
Kieffer, P. H.	Dairy expert, at \$1 per diem, and expert, at \$10 per diem.	33.00	41.72
Thom, Charles	Cheese expert, at \$1,500, and assistant dairyman, at \$1,500.	1,500.00	115.06
Dox, Arthur W.	Cheese expert, at \$900, \$1,000, and \$1,200.	1,154.17	371.47
Issajeff, Theo W.	Expert cheese maker, at \$75 per month and \$1,000.	995.84	86.26
Rogers, L. A.	Bacteriological chemist, at \$1,600.	1,200.00	
Douglas, A. H.	Assistant chemist, at \$720.	32.00	
Cheney, L. S.	Botanical expert, at \$4 per diem.	104.00	32.87
Fryhoier, C. W.	Scientific assistant, at \$900 and \$1,200.	937.50	466.95
Perkins, Albert E.	Scientific assistant, at \$900.	447.50	
Davies, L. R.	Scientific assistant, at \$840 and \$1,000.	710.00	
Wilson, James.	Scientific assistant, at \$840.	21.00	
Shaw, E. L.	Assistant in animal husbandry, at \$1,800.	35.00	19.77
Dean, Albert.	Live stock agent, at \$1,800 and \$2,000.	1,833.34	368.41
Hickox, Geo. S.	Live stock agent, at \$1,600 and \$1,800.	1,783.33	405.52
McCunningham, Dan	Live stock agent, at \$1,400.	350.00	494.51
Bruser, Joseph	Live stock agent, at \$1,200.	1,200.00	
Hill, W. E.	do.	116.67	
Jordan, Wm. D.	do.	150.00	388.95
Moser, Geo. C.	Live stock agent, at \$1,200 and \$1,400.	1,241.67	328.81
Stine, B. L.	Live stock agent, at \$1,200.	1,200.00	92.77
Burch, S. Royden	Special agent, at \$1,000.	888.89	370.50
Pepe, Geo. W.	Superintendent of station, at \$1,600 and \$1,800.	1,633.33	585.58
Wade, Wm. H.	Superintendent of station, at \$900.	900.00	
Coyle, Thomas.	Vessel inspector, at \$1,400 and \$1,500.	1,441.67	55.75
Carter, George.	Vessel inspector, at \$1,200.	1,200.00	
Flannery, James.	do.	1,200.00	
Johnston, Robert	Collaborator, at \$10 per diem.	35.00	
White, C. A.	Collaborator, at \$7 per diem.	28.00	
Campbell, Colin	Special field stock examiner, at \$1,000.	833.33	399.50
Dunn, R. H.	do.	83.33	
Armstrong, Harry E.	Field stock examiner, at \$1,000.	1,000.00	611.05
Brown, Chas. A.	Field stock examiner, at \$1,000 and \$1,200.	1,100.00	584.91
Campbell, Chas. E.	Field stock examiner, at \$1,000.	555.56	284.97
Cooley, F. C.	do.	424.99	221.00
Dennis, Wm. R.	do.	333.33	46.25
Drake, W. H.	do.	241.67	77.20
Durham, Leon.	do.	1,000.00	436.15
Gillett, S. D.	do.	1,000.00	731.05
Hascall, Morris T.	do.	1,000.00	5-9.82
Hodges, David R.	Field stock examiner, at \$1,000, and clerk, at \$1,200.	1,183.33	11.25
Jackson, R. E. L.	Field stock examiner, at \$1,000 and \$1,200.	1,100.00	457.28
Lowry, Thomas J.	do.	1,100.00	954.55
McCoul, Joseph E.	Field stock examiner, at \$1,000.	313.89	88.10
McDonald, Harry L.	Field stock examiner, at \$1,000 and \$1,200.	1,100.00	592.60
Merrill, Jay.	Field stock examiner, at \$1,000, and stock examiner, at \$1,200.	1,100.00	871.84
O'Neil, Ernest R.	Field stock examiner, at \$1,000.	1,000.00	756.49
Petty, F. O.	do.	461.10	
Proudfoot, Wm.	Field stock examiner, at \$1,000, and stock examiner, at \$1,200.	1,100.00	1,279.24
Rea, Thomas B.	Field stock examiner, at \$1,000.	930.56	910.66
Redmond, Thos.	Field stock examiner, at \$1,000, and clerk, at \$1,200.	1,111.66	152.80
Richards, Isaiah.	Field stock examiner, at \$1,000.	347.22	198.00
Roberts, Herbert.	do.	297.22	44.20
Robinson, Chas. H.	do.	1,000.00	664.40
Robinson, Geo. H.	Field stock examiner, at \$1,000 and \$1,200.	1,050.00	1,264.44
Rork, Charles F.	Field stock examiner, at \$1,000.	1,000.00	969.45
Sargent, Linus E.	do.	1,000.00	514.31
Schafer, Cecil K.	do.	972.22	753.16
Speake, Edward O.	do.	1,000.00	525.43
Upton, Wallace L.	do.	999.99	1,198.49

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bibb, A. G.	Stock examiner, at \$1,200.	\$276.67	\$236.70
Morgan, Porter.	do.	200.00	1.40
Shale, Solomon C.	Stock examiner, at \$1,000.	416.67	
Best, George.	Stock examiner, at \$900 and \$1,000.	249.44	205.10
Biggs, Anson W.	do.	914.17	
Blackmar, C. E.	Stock examiner, at \$900 and \$1,200.	1,050.00	49.25
Broadhurst, R. A.	Stock examiner, at \$900; field stock examiner, at \$1,000, and stock examiner, at \$1,200.	1,091.67	623.23
Bruton, A. R.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Cannon, Earl C.	Stock examiner, at \$900 and \$1,000.	819.44	
Crandall, W. W.	do.	950.00	74.58
Ewing, Frank A.	Stock examiner, at \$900 and \$1,200.	550.00	
Flynn, Wm. T.	do.	1,050.00	
Gill, Edgar.	Stock examiner, at \$900 and \$1,000.	950.00	3.45
Hanton, G. T.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Haskett, Bert.	Stock examiner, at \$900 and field stock examiner, at \$1,000.	954.17	553.20
Holland, Jeremiah	Stock examiner, at \$900 and \$1,000.	950.00	
Honan, Wm. C.	Stock examiner, at \$900.	42.50	
Kochanowski, R.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Lawson, James M.	Stock examiner, at \$900, and field stock examiner, at \$1,000.	991.67	1,060.29
Lint, Henry M.	Stock examiner, at \$900.	672.50	
McGuire, Wm. R.	Stock examiner, at \$900 and \$1,000.	950.00	
Markert, Geo.	Stock examiner, at \$900 and \$1,200.	1,050.00	550.85
Morrissey, Leo. W.	Stock examiner, at \$900, field stock examiner, at \$1,000, and clerk, at \$1,200.	1,016.67	486.55
Mowrer, Wm. E.	Stock examiner, at \$900, \$1,000, and \$1,200.	878.33	
Nelson, Jean I.	Stock examiner, at \$900, and field stock examiner, at \$1,000.	904.17	573.70
Persells, Herman V.	Stock examiner, at \$900 and \$1,000.	533.33	
Pidcock, W. S.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Quirk, Michael J.	Stock examiner, at \$900, and field stock examiner, at \$1,000.	408.33	
Saunders, Wm. H.	Stock examiner, at \$900.	242.50	308.05
Sawtell, Joseph E.	Stock examiner, at \$900 and \$1,000.	950.00	
Schiermann, John F.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Shannon, John D.	Stock examiner, at \$900 and \$1,000.	950.00	
Shepherd, R. C.	Stock examiner, at \$900.	280.00	148.55
Smith, Edward M.	Stock examiner, at \$900 and \$1,000.	950.00	138.60
Spindler, Edwin S.	Stock examiner, at \$900, and field stock examiner, at \$1,000 and \$1,200.	999.45	736.05
Wagner, A. E.	Stock examiner, at \$900 and \$1,200.	1,050.00	48.60
Crech, Gilbert T.	Tagger, at \$840, and stock examiner, at \$900.	845.00	356.20
De Laney, John V.	Tagger, at \$840.	840.00	649.30
Gilmore, Elias.	Tagger, at \$840 and \$900.	870.00	8.62
Herbert, Clay M.	Tagger, at \$840, and clerk, at \$1,000.	953.33	62.10
Hinkson, Ransom	Tagger, at \$840 and \$900.	870.00	
Newman, Robert R.	Tagger, at \$840.	389.66	629.05
Archer, Rollie J.	Tagger, at \$720 and \$840, and stock examiner, at \$900.	787.50	668.85
Atwood, Elmer R.	Tagger, at \$720.	540.00	7.15
Bray, Stephen.	Tagger, at \$720 and \$840.	734.33	
Brown, Virgil L.	do.	211.00	140.60
Carter, Clifton.	do.	740.00	
Corbett, Chas. M.	Tagger, at \$720 and \$840, stock examiner, at \$900 and veterinary inspector, at \$1,200 and \$1,400.	741.17	100.95
Covington, Percy C.	Tagger, at \$720 and \$840, and stock examiner, at \$900.	835.00	611.70
Edmond, Chas. L.	Tagger, at \$720.	120.00	
Fladness, Sever O.	do.	180.00	205.31
Gove, Arthur W.	Tagger, at \$720 and \$840, and stock examiner, at \$900.	797.50	
Harrington, C. F.	Tagger, at \$720 and \$840.	340.00	163.55
Keyser, Chas. T.	Tagger, at \$720.	720.00	
Lowe, C. D.	Tagger, at \$720 and \$840, and stock examiner, at \$900.	802.50	1,166.20
Overton, Fred C.	Tagger, at \$720 and \$840.	148.00	132.70
Raub, Austin J.	Tagger, at \$720.	718.00	
Rieman, Joseph J.	Tagger, at \$720 and \$840.	730.00	
Shelton, James E.	Tagger, at \$720.	60.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Sigrist, Fred C.....	Tagger, at \$720 and \$840.....	\$255.33	.....
Smith, Walter A.....	Tagger, at \$720 and \$840, and veterinary inspector, at \$1,200 and \$1,400.....	871.67	\$3.65
Sutton, Clemmons G.....	Tagger, at \$720 and \$840.....	750.00	2.00
Tellejohn, Edwin H.....	do.....	780.00	.....
Tierney, D. D.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.....	790.00	.....
Weaver, Flavus.....	Tagger, at \$720.....	180.00	.....
Zimmerman, Herman E.....	Tagger, at \$720 and \$840.....	734.00	.....
Tunstall, Jennie.....	Assistant microscopist, at \$600.....	600.00	.....
Snyder, Harry.....	Expert in nutrition investigations, at \$10 per diem.....	1,000.00	.....
Curtice, Cooper.....	Expert in tick eradication, at \$200 per month.....	600.00	.....
Clark, H. A.....	Expert in tick eradication, at \$5 per diem.....	10.00	9.70
Porter, W. S.....	do.....	10.00	10.40
Roberts, G. A.....	Expert in tick eradication, at \$1,500.....	170.84	79.90
Frederick, H. J.....	Expert in contagious diseases of sheep, at \$200.....	25.00	58.85
Klein, Louis A.....	Expert in Texas fever, at \$200.....	16.66	208.43
Van Es, Leunis.....	Agent, at \$12 per diem.....	312.00	.....
Kay, John Boyd.....	Agent, at \$900.....	900.00	8.96
Kirkpatrick, W. F.....	Agent in turkey investigation, at \$900.....	285.00	.....
Cole, Leon J.....	Agent in turkey investigation, at \$700.....	174.99	.....
Beck, Morris.....	Agent in scabies eradication, at \$6 per diem.....	486.00	23.95
Bidegaray, Domingo.....	do.....	90.00	.....
Blair, J. N.....	do.....	288.00	.....
Blemer, Chas. H.....	do.....	144.00	.....
Clay, Leslie G.....	do.....	420.00	.....
Compton, Carson.....	do.....	264.00	.....
Gianella, Thos. A.....	do.....	162.00	.....
Ginn, J. H.....	do.....	54.00	.....
Giraldo, Alex.....	do.....	156.00	.....
Grimshaw, T. M.....	do.....	204.00	.....
Johnstone, S. A.....	do.....	150.00	.....
Lindsay, J. W.....	do.....	114.00	.....
Morris, Andrew.....	do.....	42.00	.....
Neal, John T.....	do.....	66.00	.....
Rawling, W. J.....	do.....	708.00	9.15
Ryan, W. M.....	do.....	660.00	20.30
Stevens, Joseph W.....	do.....	204.00	.....
Taylor, Joseph.....	do.....	84.00	.....
Terry, G. M.....	do.....	246.00	.....
Tornquist, Alfred.....	do.....	150.00	.....
Young, E. J.....	do.....	276.00	.....
Allen, Ed. R.....	Agent in scabies eradication, at \$1,200.....	300.00	164.7
Mayer, N. J.....	do.....	300.00	178.95
James, I. L.....	do.....	296.67	302.80
Bentley, Chas. A.....	Agent in scabies eradication, at \$1,000.....	127.78	131.47
Corbin, E. A.....	do.....	250.00	220.87
Dunn, Piatt.....	do.....	250.00	168.48
McCabe, B. D.....	do.....	602.78	146.80
Logan, James.....	do.....	127.78	100.35
Adams, John D.....	Agent in scabies eradication, at \$900.....	160.00	168.15
Alyea, W. C.....	do.....	42.67	100.20
Asher, Henry E.....	do.....	248.00	173.98
Bertrand, Charles.....	do.....	248.00	157.35
Chambers, Leroy M.....	do.....	80.00	99.05
Cunningham, M. F.....	do.....	248.00	152.60
Curry, Hugh E.....	do.....	248.00	162.78
Dill, Bennie.....	do.....	240.00	186.95
Duffy, R. F.....	do.....	184.00	109.55
Ewers, Smith V.....	do.....	248.00	156.96
Freeman, Carl E.....	do.....	248.00	247.39
Hearn, Joseph L.....	do.....	178.67	171.45
Hickox, Claude.....	do.....	240.00	187.25
Ivers, Robert.....	do.....	240.00	91.21
Kaller, Warren C.....	do.....	240.00	254.87
Law, F. W.....	do.....	42.67	94.60
Leeper, John C.....	do.....	109.33	8.20
McBroom, Ralph.....	do.....	248.00	382.13
McFall, Jonathan.....	do.....	200.00	44.76
Mahoney, W. J.....	do.....	34.67	45.85



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Osborn, Wm. F.	Agent in scabies eradication, at \$960	\$248.00	\$185.30
Petty, Fred L.	do.	160.00	197.75
Pickett, James F.	do.	248.00	380.06
Pine, David B.	do.	248.00	104.40
Pine, Henry E.	do.	248.00	163.60
Sorrell, Warren.	Agent in scabies eradication, at \$960, and veterinary inspector, at \$1,400.	284.67	182.15
Stults, Clinton L.	do.	284.67	204.90
Swaney, Frank C.	Agent in scabies eradication, at \$960.	37.33	.....
Watters, Sidney A.	do.	248.00	271.66
Wilkes, R. W. A.	do.	160.00	166.00
Douglas, Hopson O.	Agent in scabies eradication, at \$900.	32.50	15.77
Hammack, L. C.	do.	675.00	342.46
Lackey, Sidney.	do.	187.50	46.70
Smith, Cyrus R.	do.	150.00	.....
Adams, E. L.	Agent in scabies eradication, at \$840.	16.33	43.40
Anderson, William C.	do.	189.00	225.35
Barnard, Wirt R.	do.	189.00	151.58
Blake, C. F.	do.	158.67	156.75
Blickhahn, George.	do.	32.67	42.20
Brown, G. H.	do.	16.33	12.00
Burkholder, C. E.	do.	189.00	300.40
Collins, Alva G.	do.	189.00	144.45
Collins, G. C.	do.	42.00	94.40
Conard, John A.	do.	210.00	227.60
Davis, W. L.	do.	16.33	15.75
Dodson, Geo. J.	do.	210.00	198.50
Donnelly, Edgar W.	do.	210.00	77.65
Dunaway, Whig F.	do.	205.33	156.45
Dye, William C.	do.	189.00	296.86
Eddingfield, A. A.	do.	189.00	231.85
Ellis, C. Roland.	do.	172.67	222.55
Ellis, Walter J.	do.	175.00	238.95
Emonts, Joseph.	do.	170.33	189.40
Ettling, Christian.	do.	189.00	41.50
Fish, R. J.	do.	14.00	48.40
Foster, Samuel L.	do.	210.00	158.75
Gilbert, Louis C.	do.	128.33	118.25
Gonel, Charles.	do.	189.00	107.00
Heckart, H. L.	do.	210.00	315.00
Holbrook, Justin B.	do.	189.00	142.93
Hulbush, Chas.	do.	128.33	191.55
Jones, John S.	do.	16.33	46.50
Jung, Otto E.	do.	189.00	213.40
Justin, Miner M.	do.	189.00	150.80
Kinsey, O., jr.	do.	49.00	72.70
Korb, Walter A.	do.	193.67	265.42
Kramer, Welker F.	do.	189.00	103.15
Lamborn, George E.	do.	156.33	164.80
Lemery, Albio A.	do.	189.00	184.70
Mason, Frank H.	do.	70.00	106.65
Mather, Chalmer A.	do.	175.00	209.45
Morris, David Karl.	do.	189.00	241.60
Nelson, Swen.	do.	156.33	207.45
Pelsne, Owen E.	do.	91.00	.....
Perry, James.	do.	189.00	175.25
Phillips, Allen G.	do.	16.33	16.25
Ring, Nathaniel S.	do.	105.00	177.41
Rockwel, G. M. H.	do.	245.00	24.85
Roney, Byrle C.	do.	37.33	72.45
Rooper, John A.	do.	210.00	121.65
Sawhill, W. H.	do.	42.00	93.05
Schafer, Conrad.	do.	210.00	323.55
Shraiberg, S. G.	do.	140.00	311.93
Simpson, Harry H.	do.	28.00	70.95
Smith, Lee C.	do.	189.00	124.30
Sullivan, Dan C.	do.	175.00	225.75
Tremper, Henry J.	do.	189.00	241.89
Vance, Arthur.	do.	156.33	168.60
Waugh, Erick N.	do.	30.33	51.10
Williams, Robt. E.	do.	16.33	15.75

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Willits, Earl V.	Agent in scabies eradication, at \$840.	\$42.00	\$48.65
Worswick, R. C.	do.	189.00	228.55
Zimmerman, Asa	do.	16.33	11.30
Armistead, Henry	Agent in tick eradication, at \$6.50 per diem	357.50	
Winfree, Patrick B.	do.	97.50	
Ricardson, M. H.	Agent in tick eradication, at \$6.25 per diem	131.25	
Bacon, Geo. H.	Agent in tick eradication, at \$6 per diem	72.00	
Eastman, Charles	Agent in tick eradication, at \$1,200, and veterinary inspector, at \$1,200.	250.00	96.25
Clark, W. G.	Agent in tick eradication, at \$3 per diem	45.00	
Covington, T. R.	do.	36.00	
Edwards, James H.	do.	63.00	
Glick, S. H.	do.	162.00	
Lawson, Wm. F.	do.	168.00	
Niven, J. F.	do.	36.00	
Plyler, P. P. W.	do.	63.00	
Winfree, Robert N.	do.	45.00	
Becker, Chas. J.	Agent in tick eradication, at \$1,000.	166.67	84.83
Benson, Thomas H.	do.	211.11	16.35
Cash, John	do.	83.34	
Cole, William W.	do.	388.90	153.00
De Hart, H. L.	do.	177.78	80.00
Finley, G. M.	do.	208.34	79.31
Gibson, Charles H.	do.	250.00	328.40
Gorton, Charles T.	do.	250.00	70.52
Graham, Joseph	do.	172.22	126.69
Jones, Clinton H.	do.	250.00	90.65
Kooken, Mark	do.	250.00	337.91
Lane, Givens	do.	250.00	117.05
Merritt, Joseph G.	do.	250.00	129.70
Rubel, Chester W.	do.	166.67	194.75
Saunders, John B.	do.	208.34	94.86
Seymour, C. H.	do.	113.89	46.55
Shearer, John C.	do.	244.44	107.98
Wallace, Willis A.	do.	386.12	153.57
Wood, E. P.	do.	125.01	101.84
Moreno, Ruben J.	Agent in tick eradication, at \$960	42.67	46.35
Crockett, James L.	Agent in tick eradication, at \$900	207.50	14.30
McClelland, John D.	do.	267.50	71.10
Riseling, Frederick	do.	225.00	
Andrews, C. L.	Agent in tick eradication, at \$840	39.67	
Andrews, E. B.	do.	53.67	20.65
Andrews, Lucien	do.	140.00	13.92
Arnett, David N.	do.	140.00	31.20
Baker, J. E.	do.	49.00	
Beakley, W. A.	do.	140.00	
Beckham, J. M.	do.	49.00	
Berry, James C.	do.	140.00	32.35
Bowers, S. B.	do.	179.67	9.70
Boyd, M. D.	do.	25.67	
Brawley, Wm.	do.	210.00	
Bullington, W. H.	do.	140.00	
Burkholter, J. D.	do.	182.00	6.56
Butler, C. T.	do.	11.11	
Cain, W. S.	do.	140.00	
Cantwell, John H.	do.	140.00	34.35
Carlock, L. H.	do.	79.33	
Carpenter, Geo. C.	do.	140.00	11.15
Carter, B. D.	do.	16.33	
Clare, Hilrey D.	do.	175.00	51.61
Clark, Louis N.	do.	210.00	52.10
Coleman, Walter A.	do.	280.00	148.90
Davidson, C. M.	do.	70.00	
Davis, Herbert F.	do.	172.67	18.80
Davis, J. H.	do.	175.00	14.25
Deahl, Nestor H.	do.	210.00	47.10
Denman, William A.	do.	210.00	65.05
Drake, James B.	do.	205.33	83.55
Enochs, Nathan	do.	177.33	25.70
Enos, Elbert M.	do.	203.00	94.31
Evans, David	do.	140.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fanning, J. H.	Agent in tick eradication, at \$840.	\$23.33	
Floyd, J. N.	do.	140.00	
Frady, J. E.	do.	105.00	
Frazier, F. A.	do.	177.33	\$7.97
Fry, Chas. P.	do.	140.00	39.35
Fry, John L.	do.	140.00	18.76
Gaines, John L.	do.	105.00	
Gallagher, Frank A.	do.	175.00	22.80
Garrett, O. M.	do.	11.67	67.05
Gideon, Oliver P.	do.	198.33	
Good, Hampton H.	do.	175.00	16.70
Greer, H. C., jr.	do.	140.00	
Gunn, John H.	do.	140.00	
Hampton, John M.	do.	102.66	
Harbison, G. W.	do.	177.33	11.02
Harton, David L.	do.	175.00	
Henry, James T.	do.	105.00	
Herring, L. J.	do.	70.00	112.52
Hine, Ernest.	do.	136.50	
Holloway, J. H.	do.	179.67	9.57
Jarvis, Daniel A.	do.	175.00	15.35
Jarvis, G. W.	do.	177.33	7.97
Johnson, Edward.	do.	60.67	
Johnson, J. D.	do.	95.67	
Jones, A. C.	do.	70.00	106.20
Kell, O. T.	do.	95.67	
Knowles, P. P.	do.	49.00	
Koonce, L. F.	do.	70.00	111.10
Lentz, G. W.	do.	175.00	14.50
Lowrey, Edward H.	do.	175.00	15.35
McArmick, Chas. E.	do.	140.00	45.65
McCampbell, C. W.	do.	175.00	99.00
McClain, A. Wm.	do.	79.33	
McLelland, Wm. W.	do.	140.00	12.60
Mathews, Virgil A.	do.	140.00	34.33
Meaders, Frank M.	do.	189.00	30.30
Miller, Ira.	do.	312.67	86.45
Mitchell, Frank P.	do.	133.00	
Mock, Bert H.	do.	198.33	44.25
Moore, H. W.	do.	16.33	
Moore, M. D.	do.	16.33	
Nivin, Chas. F.	do.	189.00	321.56
Nivin, L. A.	do.	189.00	329.55
Offield, John W.	do.	210.00	56.75
Oglesby, W. B.	do.	149.33	163.17
Overton, James E.	do.	70.00	114.59
Owens, Claude S.	do.	193.67	82.65
Owens, C. T.	do.	32.67	
Pack, B.	do.	177.33	13.85
Pearce, Bart.	do.	165.67	56.59
Pennington, J. F.	do.	172.67	19.60
Persse, John C.	do.	140.00	11.85
Phillips, Robert.	do.	109.67	
Pinkstone, Theodore.	do.	107.33	
Puryear, E. F.	do.	65.33	
Query, A. J.	do.	16.33	
Robinson, Chas. I.	do.	105.00	
Robinson, Chas. W.	do.	140.00	
Romines, J. P.	do.	49.00	
Safley, Jesse C.	do.	165.67	19.60
Shepherd, Miram K.	do.	205.33	51.20
Shipley, H. R.	do.	149.33	11.40
Sims, W. A.	do.	175.00	16.68
Smallmon, D. M.	do.	149.34	11.30
Smith, Frank M.	do.	210.00	75.35
Sommers, Frank.	do.	210.00	102.03
Sparkman, I. L.	do.	170.34	37.80
Spoon, Jesse P.	do.	70.00	91.17
Stone, Rene E.	do.	179.67	53.23
Storie, I. R.	do.	170.33	20.80
Swalm, J. L.	do.	184.33	14.33



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Talbott, J. G. ....	Agent in tick eradication, at \$840	\$168. 00	
Turlington, John E. ....	do.	70. 00	\$96. 65
Wasson, S. B. ....	do.	102. 67	
Waters, John T. ....	do.	189. 00	24. 85
Whitson, M. E. ....	do.	186. 67	20. 40
Willbanks, T. S. ....	do.	65. 33	
Williams, J. F. ....	do.	16. 33	
Williams, J. T. ....	do.	105. 00	
Willis, W. G. ....	do.	65. 33	
Wright, T. M. ....	do.	105. 00	
Park, A. B. ....	Agent in tick eradication, at \$50 per month	175. 00	321. 82
Quillian, Chas. M. ....	Agent in tick eradication, at \$50 per month and \$1,000.	203. 89	292. 55
Shelton, E. W. ....	Agent in tick eradication, at \$50 per month	175. 00	
Wolf, Max. ....	Clerk, at \$1,000	250. 00	151. 58
Newlove, Harry S. ....	Clerk, at \$900	450. 00	23. 65
Featherston, Oscar A. ....	Clerk, at \$840	74. 67	
Hartwell, Chas. K. ....	Clerk, at \$840, \$900, and \$1,000	913. 34	
Kitzhofer, Joseph H. ....	Clerk, at \$840	32. 67	41. 55
Newberry, Geo. W. ....	do.	177. 33	44. 10
Sherwood, Everett C. ....	Clerk, at \$840 and \$1,000	866. 67	
Clarke, Michael H. ....	Clerk and stenographer, at \$900	690. 00	
Cole, E. J. A. ....	Clerk, stenographer, and typewriter, at \$900	207. 50	
Ulmann, Oscar. ....	do.	270. 00	
Brown, Arthur O. ....	Clerk, stenographer, and typewriter, at \$840	732. 67	
Slicer, Heber M. ....	Clerk-typewriter, at \$840	203. 00	
Smith, George. ....	do.	16. 33	
Davis, Tobias A. ....	Skilled laborer, at \$720	630. 00	3. 01
Baillie, Geo. ....	Laborer, at \$4 per diem	24. 00	
Barnette, Richard. ....	do.	44. 00	
Boice, Fred. ....	do.	40. 00	
Dolan, John P. ....	do.	40. 00	
George, Chas. H. ....	do.	32. 00	
Partridge, C. E. ....	do.	28. 00	
Pbaeging, Wm. H. ....	do.	40. 00	
Schroebel, Edw. H. ....	do.	16. 00	
Schroeder, Wm. C. ....	do.	28. 00	
Shipley, Wm. B. ....	do.	40. 00	
Sommer, David F. ....	do.	40. 00	
Stuckey, Geo. ....	do.	32. 00	
Williams, Harry. ....	do.	36. 00	
Hume, Harry F. ....	Laborer, at \$720, and tagger, at \$720	720. 00	
Biehl, John. ....	Laborer, at \$2 per diem	66. 00	
Copeland, James. ....	Laborer, at \$2 per diem and \$720	722. 00	
Hambleton, G. H. ....	Laborer, at \$2 per diem	468. 00	
Allett, A. ....	Laborer, at \$1.75 per diem	229. 25	
Mongin, X. ....	do.	85. 32	
Noval, Dominic. ....	do.	199. 06	
Tuthill, H. ....	Laborer, at \$50 per month	600. 00	
Kolbe, D. W. ....	Laborer, at \$37 per month	111. 00	
Smith, Archie. ....	Laborer, at \$1 per diem	51. 50	
Hazzard, Frank L. ....	Guard, at \$2.50 per diem	100. 00	
Reger, Richard O. ....	do.	127. 50	
Dewhurst, Wm. R. ....	Guard, at \$60 per month	174. 00	
Total. ....		374,098. 13	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co. ....	\$181.84	Beckham, J. M. ....	\$21.00
American Office Specialty Co. ....	7.00	Bedell Manufacturing Co. ....	21.50
Andrews Co., A. H. ....	57.91	Bee Hive Department Store. ....	7.62
Andrews Paper Co., R. P. ....	355.25	Bee Publishing Co. ....	4.00
Ballantyne, R. Carter. ....	167.27	Bell, C. H. ....	300.00
Baumgarten & Sons, J. ....	1.50	Belo & Co., A. H. ....	12.75
Bell Co., J. F. ....	3.60	Benson, Thomas H. ....	152.00
Brentano's (Incorporated). ....	20.50	Bernasco, Joseph. ....	383.07
Contingent expenses, Department of Agriculture. ....	12.44	Berry, James C. ....	120.00
Davison & Co., H. C. ....	116.96	Betz, Ernest. ....	9.00
District of Columbia Paper Manufac- turing Co. ....	100.80	Bickford, W. E. ....	15.51
Eagle Pencil Co. ....	28.67	Biddell & Bogart Painters' Supply Co. ....	78.92
Gaylord Bros. ....	.75	Biescker, J. S. ....	5.90
Globe Printing Co. ....	1.50	Birch Lumber Co., S. M. ....	26.62
Houston Co., F. J. ....	5.00	Blanche, Richard J. ....	187.50
Index Bureau. ....	35.00	Bolgiano & Co., F. W. ....	154.43
Johnston & Co., W. G. ....	15.00	Bowers, S. B. ....	69.00
Lamb & Tilden. ....	61.72	Boyd, M. D. ....	41.00
Library Bureau. ....	870.01	Bramhall, Deane Co. ....	110.11
Lindemeyer, Philip. ....	26.20	Brandon Printing Co. ....	6.75
Moore, E. ....	1.25	Brawley, Wm. ....	90.00
Morrison Paper Co., E. ....	50.46	Brennan, Edward. ....	72.00
Newman, E. S. ....	1.50	Brentano's (Incorporated). ....	8.90
Parker, D. Frank. ....	723.65	Brewer, Frank W. ....	250.00
Roberts Co., W. F. ....	.50	Briley, Algie S. ....	60.00
Rockford Pencil Knife Co. ....	1.00	Brown, S. Thomas. ....	37.50
Savannah Stationery and Printing Co. ....	10.50	Bueyrus Copper Kettle Works. ....	98.76
Schmidt, Fred A. ....	97.72	Bullington, R. M. ....	390.00
Sharp & Sons, F. ....	11.70	Bullington, W. H. ....	60.00
Siebert, J. F. ....	2.50	Burch & Co., F. S. ....	2.95
Smith & Butterfield. ....	4.90	Burgdorf, Ernest. ....	6.00
Stockett Fiske Co. ....	31.88	Burkhalter, J. B. ....	70.00
Swayze, Bailey & Co. ....	.75	Burrell & Co., D. H. ....	1.15
Swayze, W. L. ....	1,734.02	Burrell, R. W. ....	90.70
Taylor Hardware Co. ....	7.00	Burroughs Adding Machine Co. ....	585.00
Typewriter and Office Supply Co. ....	8.25	Burton & Son, R. C. M. ....	6.50
Union Envelope Co. ....	168.35	Butler, C. T. ....	11.00
United States Envelope Co. ....	512.43	Butler Co., W. H. ....	.60
Waterman & Co., L. B. ....	1.20	Cain, W. S. ....	60.00
Yawman & Erbe Manufacturing Co. ....	55.55	Campbell, J. F. ....	45.00
		Campbell, Morrell & Co. ....	198.00
		Cantwell, John H. ....	120.00
		Capital Paper Box Co. ....	15.00
		Capital Tractor Co. ....	70.00
		Carlock, L. H. ....	34.00
		Carpenter, F. L. ....	167.15
		Carpenter, George C. ....	120.00
		Carr, James F. ....	25.00
		Carr, J. H. ....	120.00
		Carter, B. D. ....	7.00
		Cash, John. ....	60.00
		Casper, George T. ....	187.50
		Cass, Ida. ....	15.00
		Castleberg's National Jewelry Co. ....	2.40
		Cater, Fred G. ....	68.00
		Catlin Co., Elmer H. ....	20.00
		Chappel, N. W. ....	225.00
		Charlotte Observer. ....	6.38
		Church & Stephenson. ....	4,063.89
		Claire, Hilrey D. ....	87.50
		Clarion Ledger. ....	5.50
		Clark, Louis N. ....	105.00
		Clarke Co., R. P. ....	18.75
		Clawson, Clarence A. ....	175.00
		Coe, S. R. ....	35.00
		Cole, W. W. ....	140.00
		Coleman, Walter A. ....	228.00
		Collector of taxes, District Columbia. ....	4.84
		Commercial Publishing Co. ....	3.00
		Constitution Publishing Co. ....	5.00
		Coon, William H. ....	98.40
		Copeland, James. ....	82.50
		Cornell Incubator Manufacturing Co. ....	25.36
		Corning, John H. ....	1.75
		Cotton, James S. ....	81.82
		Covert, James R. ....	25.00
		Craig, Isaac. ....	99.72
Total. ....	5,494.03		
<i>Miscellaneous supplies, etc.</i>			
Age Herald Publishing Co. ....	1.47		
Albert Lea Dairy Association. ....	57.00		
Albuquerque Hardware Co. ....	2.50		
Allen Manufacturing Co., W. D. ....	16.75		
American Felt Co. ....	4.50		
American Linen Supply Co. ....	12.00		
Anderson & Ireland Co. ....	16.15		
Andrews, C. L. ....	17.00		
Andrews, F. B. ....	46.00		
Andrews, Lucien. ....	120.00		
Angle & Co., P. S. ....	1.00		
Argus Leader Co. ....	5.18		
Arizona Publishing Co. ....	5.70		
Armour & Co. ....	1.92		
Arnett, David N. ....	120.00		
Bailey, Mabel. ....	50.00		
Baist, G. Wm. ....	15.00		
Baker, J. F. ....	21.00		
Baker, L. W. ....	50.00		
Ballantyne & Sons, Wm. ....	38.60		
Baltimore Paint and Glass Co. ....	10.18		
Bamford, H. J. ....	15.00		
Barber & Ross. ....	301.02		
Barrett Manufacturing Co. ....	25.00		
Beakley, W. A. ....	60.00		
Beatrice Creamery Co. ....	96.72		
Beattie, Robt. S. ....	130.00		
Beavers, John M. ....	9.50		
Becker & Co., Chas. ....	88.32		
Becker, E. H. ....	7.00		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Creamery Package Manufacturing Co.	\$143.67	Gedney Farm	\$3.45
Crockett, James L.	166.00	Geissler Plumbing and Heating Co.	322.75
Cyphers, Charles A.	23.81	Gibson, C. H.	180.00
Cyphers Incubator Co.	60.46	Gideon, Oliver P.	99.17
Dairymen's Supply Co.	1.50	Glenn, Harry H.	48.00
Dale, James	25.00	Globe Printing Co.	13.50
Darling & Co.	2.88	Goldenberg, M.	1.35
Davenport, Louisa	13.00	Goldsmith & Son, M.	4.75
Davidson, C. M.	21.00	Good, Hampton H.	67.00
Davis, H. C.	44.00	Gorton, Chas. T.	105.00
Davis, Herbert F.	66.00	Graham, Geo. H.	112.00
Davis, J. H.	67.00	Graham, Joseph	56.25
Deahl, Nestor H.	105.00	Graham, Ralph	227.50
De Hart, H. L.	80.00	Great Bear Spring Co.	21.00
De Laney, John V.	280.00	Greer, Frank H.	4.00
Democrat Publishing Co.	2.40	Greer, H. C., jr.	60.00
Denman, Wm. A.	180.00	Griffith & Turner Co.	3.32
Dennison Manufacturing Co.	1.00	Grove, W. S.	32.00
Densmore Typewriter Co.	.95	Gunn, John H.	60.00
Dinsmore & Co., T. M.	58.25	Guy, Curran & Co.	1.50
Dodds, Guy	75.00	Hambleton, G. H.	134.50
Doremus & Snyder	6.50	Hampton, John M.	44.00
Douglass, A. H.	113.33	Harbison, G. W.	68.00
Douglas, Hopson O.	10.83	Harris & Shafer Co.	1.60
Douglas, W. H.	9.60	Hartig, Louis	60.10
Drake, James B.	102.67	Haston, David L.	69.00
Drummond, Robert H.	166.83	Haverford Cycle Co.	55.00
Du Bois & Co., F. N.	46.00	Hazleton, E. P.	7.75
Dulin & Martin Co.	26.00	Heacock, C. C.	187.50
Dumbauld, Harry	390.00	Heiskell & Co., P. H., jr.	118.24
Du Perow, M.	133.62	Heistand, A. B.	105.00
Dyer, Wm. H.	26.00	Henderson, L. C.	180.00
Dyett, F. G.	2.00	Henry, James T.	45.00
Edmiston, Walter	12.00	Higginbotham, A. L.	120.00
Edmonston, Chas. R.	173.28	Hine, Ernest	58.50
Eisinger Bros.	61.00	Hoge & McDowell Co. (Incorporated)	6,682.74
Elliott & Co., James	141.73	Holcomb Manufacturing Co., J. I.	6.00
Empire Towel Supply and Laundry Co.	9.00	Holloway, J. H.	69.00
Enoch, Nathan	68.00	Holtzer-Cabot Electric Co.	81.75
Enos, Elbert M.	77.00	Home Ice Co.	344.03
Ergood & Co., J. C.	45.49	Hopkins & Co., John C.	42.61
Espey, John B.	48.60	Howard Label Co.	12.00
Evans, David	60.00	Hubinger, Chas.	90.56
Excelsior Wire and Poultry Supply Co.	4.40	Hurley, J. E.	10.50
Faber, Albert	3.80	Hutchinson, W. Seely	2.85
Fairbanks Co.	146.50	Hygienic Soap Gran. Co.	12.00
Fanning, J. H.	10.00	Imler, F. A.	6.00
Farmers' Store Co.	502.74	Independent Publishing Co.	8.21
Fausch, J. E.	36.00	Irwin, A. N.	200.00
Finley, G. M.	93.75	Jarvis, Daniel A.	67.00
Fireman, Peter	4.00	Jarvis, G. W.	68.00
Fishel, A. R.	133.29	Johns Manville Co., H. W.	20.52
Fisher, W. T.	30.00	Johnson, Albert L.	27.64
Fleming & Sovie Co.	35.00	Johnson, Edward	26.00
Floyd, J. N.	60.00	Johnson, J. D.	41.00
Forker & Co., C. A.	11.40	Johnson, Oscar	182.35
Forum Printing Co.	8.40	Jolliffe, S. M.	90.00
Fowler, Frank	1,268.55	Jones, Clinton H.	112.50
Fox River Butter Co.	2.65	Jordan, Wm. D.	225.00
Frady, J. E.	45.00	Joyce Engraving Co., M.	2.42
Franklin & Co.	1.75	Kann, Sons & Co., S.	5.09
Frazier, F. A.	68.00	Karlen & Son, Jacob	9.25
Freeman, Geo.	1.00	Kaufman, D. J.	2.25
French, Scott	40.00	Keasbey & Mattison Co.	82.89
Friedenwald Co.	90.00	Keiser, Lewis	770.00
Fries, Beall & Sharp Co.	205.08	Kell, O. T.	41.00
Fritch & Son, Geo. T.	22.50	Kellogg Switchboard and Supply Co.	8.75
Fry, Chas. P.	120.00	Kellum & Co., L.	4.90
Fry, John L.	70.00	Kelly, Albert	28.00
Gaertner & Co., Wm.	14.33	Kelly, G. W.	30.00
Gaines, John L.	45.00	Kendall, Maj. H. N.	25.00
Gallagher, Frank A.	150.00	Kinnar, A. F.	70.00
Garrett, O. M.	5.00	Knight, C. W.	4.00
Gazette Publishing Co.	5.10	Knowles, P. P.	21.00
		Kookan, Mark	105.00
		Kooser, Cap.	145.00



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Kreh, J. F.	53.80	O'Brien & Bro. Co., R. J.	\$48.40
Lamb & Tilden	9.06	O'Bryon, Philip M.	15.00
Lamberd Co., S. L.	44.45	Offield, John W.	105.00
Lambie Co. (Incorporated), J. B.	322.75	Oklahoma State Capitol	8.20
Lane, Givens	180.00	Okonite Co. (Limited)	51.75
Lansburgh & Bro.	50.30	Oliver Machinery Co.	236.00
Larson, Anton	4.00	Oliver Typewriter Co.	3.10
Lawson, W. M.	15.00	Oregonian Publishing Co.	11.76
Lentz, G. W.	67.00	Owen Farms	17.50
Lindsay Rubber Manufacturing Co., M.	14.85	Owens, Claude S.	96.83
Linge, Anton	30.00	Owens, C. T.	14.00
Lipp, Geo. A.	187.50	Pack, B.	68.00
Lochte, L. Leroy	158.50	Palais Royal	15.00
Lock, Daniel A.	9.80	Parkes File Co.	6.63
Longmans, Green & Co.	5.25	Parkes, Frank	36.00
Lowdermilk & Co., W. H.	14.10	Pearce, Bart	142.00
Lowman, H. S.	99.00	Pennington, James F.	66.00
Lowrey, Edward H.	67.00	Percival, C.	4.00
Lutz & Co.	81.65	Perry, J. E.	75.00
McArmick, Chas. F.	70.00	Persse, John C.	120.00
McClain, William	34.00	Peterson Hardware Co.	15.26
McClelland, John D.	136.00	Phillips, Robt.	47.00
McCubbin Co., C. J.	7.30	Pierce, T. B.	15.00
McCunningham, Daniel	180.00	Pinkstone, Theo.	46.00
McDaniel, W. F.	12.50	Post-Office Department	2.40
McDonald, W. A.	40.00	Potomac Electric Power Co.	16.20
McGeorty, M. G.	12.50	Potomac Lime and Stone Co.	494.91
McLelland, Wm. W.	70.00	Potter, A. L.	20.65
McNally, Henry R.	360.00	Prairie State Incubator Co.	32.49
McSparren, J. C.	114.27	Probey Carriage Co.	22.00
Macmillan Co.	12.00	Puryear, F. F.	28.00
Manhart, T. F.	36.00	Querry, A. J.	7.00
Maroney, Thomas	36.00	Queen City Supply Co.	12.60
Mathews, Virgil A.	120.00	Ransom, Mrs. Fannie	51.60
Matson, James	9.75	Rapier, Thomas G.	7.20
Mayfield & Brown	24.25	Rau, John C.	78.75
Meaders, Frank M.	71.00	Record-Stockman Publishing Co.	8.80
Melcher, C. A.	.60	Reed Manufacturing Co.	1.11
Merritt, Joseph G.	180.00	Reilly, Hugh	79.22
Metropolis	3.22	Remington Typewriter Co.	2,641.54
Miller, Arthur W.	360.00	Reno Gazette Publishing Co.	3.30
Miller, Ira	140.00	Rigdon, Frank	120.00
Mineralized Rubber Co.	53.25	Rigdon, Scott J.	150.00
Minneapolis and St. Louis R. R. Co.	4.31	Robards, Jesse	450.00
Mitchell, Frank P.	57.00	Rabb, James	24.50
Mitchell Co., M. C.	349.75	Robinson, Chas. I.	45.00
Mock, Bert H.	99.17	Robinson, Chas. W.	120.00
Mohler, John R.	180.00	Rock Creek Auto and Wagon Works	50.00
Monarch Typewriter Co.	121.00	Rodee, H. A.	100.00
Montgomery & Co.	1.80	Roebing's Co., Jno. A.	30.00
Moore Co.	85.00	Romines, J. P.	21.00
Moore, H. W.	7.00	Roswell Register-Tribune	5.13
Moore, M. D.	7.00	Rowland, John B.	70.00
Moyer, H. A.	19.00	Rudolph & West Co.	1,270.31
Mueller Manufacturing Co., H.	57.30	Safley, Jesse C.	63.00
Munn, Fred	218.00	St. John, Alex.	23.50
Muth & Co., Geo. F.	213.11	Salt Lake Tribune Publishing Co.	3.52
Nance, Joseph E.	86.00	San Francisco Call	3.80
National Electric Supply Co.	597.97	Saunders, John B.	93.75
National Enameling and Stamp Co.	3.50	Savage, W. A.	187.50
National Mortar Co.	343.30	Schafer & Co., E. G.	107.88
National Phonograph Co.	225.80	Schermerhorn & Son, C. S.	306.43
Nawrath, J. P.	2.80	Schmid, Edw. S.	62.30
Neunmeyer, Co.	6.80	Schneider's Sons, C. A.	16.25
Ney, Wm. O.	90.00	Schneider, Frederick L.	187.50
Niagara Radiator Co.	58.37	Schuler & Son, M.	85.23
Nicholson & Son, J. A.	27.88	Scott, Guy	25.00
Nickerson & Collins Co.	10.00	Seamark, Harry F.	127.45
Niles, N. L.	99.50	Seltman, Robert	8.00
Niles, W. B.	10.90	Seymour, C. H.	51.25
Niswender, J. L.	39.10	Shapiro & Levenson	20.36
Northern Creamery Supply House	13.35	Shea, F. P.	1,579.00
Nowlen, A. E.	20.00	Shea, M.	650.00
Oakwood Farm	2.80	Shea, N. H.	26.24
O'Brien, Geo. W.	27.00	Shearer, John C.	108.75
		Shepherd, Miram K.	102.67

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Shipley, H. R.	\$60.00	Woolf & Co., C. M.	\$80.00
Shore, Charles	19.00	Wright, T. M.	45.00
Simpson, John M.	300.00		
Skinner, W. A.	187.50	Total	60,699.50
Smallman, D. M.	58.00		
Smith, Cyrus R.	70.00	<i>Furniture.</i>	
Smith, Frank M.	180.00	Albuquerque Planing Mill Co.	45.00
Smith, Thomas W.	57.36	Baker & Folsom	62.00
Somerville Co., Thomas	558.58	Bedell Manufacturing Co.	46.58
Sommers, Frank	105.00	Curtin, A. P.	12.90
Southern Printers' Supply Co.	1,403.49	Curtis, C. L.	88.50
Sparkman, I. L.	65.00	Emmons, J. D.	30.00
Spindler, E. S.	187.50	Fielder & Allen Co.	95.45
Standard Oil Co.	5.13	Hoeko, W. H.	1,059.03
State Co.	5.80	Hunter, Lewis	50.75
Statesman Printing Co.	5.60	Knatvold, B. H.	76.75
Steckert & Co., G. E.	27.78	Lansburgh Furniture and Carpet Co., Julius	258.75
Steele, Joseph G.	184.00	Library Bureau	250.45
Steiger & Co., E.	.88	Lincoln, Fred S.	46.75
Stewart & Co.	4,266.26	Moses & Sons, W. B.	888.09
Stewart Crook Hardware Co.	27.53	Revell & Co., Alex. H.	227.00
Stone, Rene E.	73.50	Voigt, Edward	11.00
Storie, I. R.	65.00	Wahlgren Furniture Co.	43.75
Storr's Agricultural Experiment Sta- tion	14.30	Webb Bros.	76.35
Sturges, James D.	.35	Woodward & Lothrop	714.39
Swain, J. L.	72.00	Yawman & Erbe Manufacturing Co.	1,091.21
Swenson Bros. Building Co.	15.90		
Talbot, J. G.	72.00	Total	5,174.70
Tapager & Hansen	212.79		
Taylor, J. A.	52.50	<i>Fuel.</i>	
Texas Co.	637.08	Zeh Co. (Incorporated), Wm. J.	858.65
Thompson, C.	110.00		
Thompson, C. W.	59.60	<i>Freight.</i>	
Thompson, R. C.	137.50	Baltimore and Ohio R. R. Co.	8.12
Times Despatch Co.	3.90	Burrell & Co., D. H.	.40
Times Mirror Co.	4.20	Knox Express Co., Geo. W.	.50
Times Printing Co.	2.55	Littlefield, Alvord & Co.	28.27
Toomey & Sons, J. H.	9.62	Merchants' Transfer and Storage Co.	11.42
Topeka Capital	3.20	O'Heron, John J.	.75
Topham, James S.	69.05	Pennsylvania R. R. Co.	35.04
Torsch Co., Chas. H.	2.73	Roosa, I. P.	.50
Tribune Publishing Co.	5.68	Snow Forwarding Co.	.25
Typewriter and Office Supply Co.	115.90	Star Union Line	1.14
Underwood Typewriter Co.	511.41	Thompson & Wulff Transfer and Storage Co.	8.25
Union Stock Yards Co.	1.30		
University of Wisconsin	406.35	Total	91.64
Van Fleet, C. W.	10.00		
Voigt, Edward	7.50	<i>Express.</i>	
Wagner & Co., Lewis	81.51	Adams Express Co.	528.16
Wallace, W. A.	240.00	United States Express Co.	248.04
Ward Leonard Electric Co.	4.47		
Warner, Dick E.	240.00	Total	776.20
Warner, L.	192.00		
Washington Market Co.	5.65	<i>Telegraph.</i>	
Wasson, S. B.	44.00	Postal Telegraph-Cable Co.	61.35
Waters, John T.	75.00	Western Union Telegraph Co.	223.30
Watson, H. R.	133.03		
Wawa Dairy Farms	2.90	Total	284.65
Wellman, Lon.	17.00		
Wesley, Maggie	21.00	<i>Telephone.</i>	
West Disinfecting Co.	8.75	Boone County Telephone Co.	12.00
Westinghouse Air Brake Co.	80.50	Chesapeake and Potomac Tele- phone Co.	302.81
Whiting, A. A.	71.00	Colorado Telephone Co.	70.09
Whitson, M. E.	72.00	Cumberland Telephone and Tele- graph Co.	8.73
Wiegand, Martin	17.00	New England Telephone and Tele- graph Co.	14.94
Wilcox & Harvey Manufacturing Co.	19.75		
Wiley & Sons, John	3.94		
Wiley, M. C.	187.50		
Willbanks, T. S.	28.00		
Williams, J. F.	7.00		
Williams, J. T.	45.00		
Willis, W. G.	28.00		
Willow Brook Farm	1.44		
Woltman, Peter	65.00		
Woodward & Lothrop	197.18		





## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i>		<i>Travel and station and field expenses—</i>	
Continued.		Continued.	
Bertrand, Chas.....	\$157.35	Coyle, Thomas.....	\$55.75
Best, George.....	205.10	Cracroft, T. Byron.....	204.75
Bibb, A. G.....	256.70	Credicott, H. J.....	329.38
Bird, W. N. D.....	19.99	Creech, Gilbert T.....	356.20
Blackmar, C. E.....	49.25	Crewe, Wilton F.....	644.35
Blackwell, A. M.....	534.67	Crockett, J. L.....	14.30
Blake, C. F.....	156.75	Cummings, Wm. M.....	96.50
Blanche, Richard J.....	295.77	Cunningham, M. F.....	152.60
Blickhahn, Geo.....	42.20	Curry, H. E.....	162.78
Blume, R. B.....	6.23	Curcie, Cooper.....	443.21
Boazman, James B.....	99.27	Dallas, John T.....	40.65
Bolton, B. M.....	95.06	Davidson, R. J.....	25.80
Bond, Geo. A.....	264.25	Davidson, William A.....	68.59
Bonde, R. J.....	8.35	Davies, L. R.....	451.05
Boyle, C. W.....	34.30	Davis, B. J.....	68.45
Bracken, Wm. J.....	497.25	Davis, T. A.....	3.01
Bray, Thomas A.....	241.55	Davis, W. L.....	15.75
Brewer, Frank W.....	470.48	Davidson, F. T.....	1,211.92
Brimhall, S. D.....	361.00	Day, L. Enos.....	71.75
Broadhurst, Robt. A.....	623.23	Day, W. E.....	470.25
Brown, Chas. A.....	584.91	Deahl, N. H.....	47.10
Brown, G. H.....	12.00	Dean, Albert.....	238.12
Brown, Virgil L.....	140.60	De Hart, H. L.....	80.00
Browning, G. W.....	424.43	De Laney, John V.....	649.30
Buckley, John S.....	193.67	Denning, C. W.....	211.63
Buffington, R. M.....	308.93	Denman, W. A.....	65.05
Bundy, Edward A.....	519.63	Dennis, Vernon A.....	179.31
Burch, S. R.....	27.05	Dennis, Wm. R.....	46.25
Burch, S. Royden.....	370.50	Dexter, Wm. H.....	302.74
Burgett, John L.....	318.93	Dill, Bennie.....	186.95
Burkholder, C. E.....	300.40	Dill, Robert.....	866.65
Burton, J. W.....	281.55	Doane, C. F.....	615.38
Butin, G. E.....	175.25	Dodson, G. J.....	198.50
Butler, J. S.....	216.45	Donnelly, E. W.....	77.65
Butler, Wm. J.....	779.40	Dorman, J. E.....	69.83
Cady, B. J.....	750.15	Dorset, Marion.....	222.31
Caldwell, Harry.....	404.55	Douglas, H. O.....	15.77
Campbell, Chas. E.....	265.71	Dox, A. W.....	115.25
Campbell, Colin.....	599.51	Dunaway, W. F.....	156.45
Campbell, L. S.....	425.76	Dye, W. C.....	296.86
Canfield, Chas. H.....	119.51	Drake, Edward J.....	348.85
Cantwell, John H.....	34.35	Drake, J. B.....	83.55
Carpenter, G. C.....	11.15	Drake, Roy N.....	567.10
Cary, E. J.....	843.76	Drake, Wm. H.....	77.20
Casper, Geo. T.....	608.35	Drummond, Robt. H.....	165.52
Cater, Fred C.....	80.21	Duffy, R. F.....	109.55
Cave, R. A.....	38.48	Dumbauld, Harry.....	255.94
Chambers, L. M.....	99.05	Dunn, Piatt.....	168.48
Chaney, Herbert B.....	220.75	Durfee, C. O.....	11.01
Cheney, L. S.....	52.87	Durham, Leon.....	436.15
Chapin, Dwight D.....	12.50	Eagle, Thomas J.....	203.64
Clare, H. D.....	51.61	Eastman, Chas.....	96.25
Clark, H. A.....	9.70	Echols, B. C.....	175.60
Clark, L. N.....	52.10	Eddingfield, A. A.....	231.85
Clarke, Lowell.....	998.82	Eells, Frank C.....	27.80
Clawson, Clarence A.....	317.42	Ellenberger, W. P.....	123.78
Cock, James H.....	8.75	Ellis, C. R.....	222.55
Coffy, J. P.....	141.68	Ellis, W. J.....	238.95
Cohenour, H. H.....	710.35	Elwell, F. N.....	652.09
Cole, Guy T.....	133.17	Emery, Frank E.....	528.06
Cole, W. W.....	76.61	Emery, James A.....	59.75
Coleman, Arthur T.....	92.04	Emonts, Joseph.....	189.40
Coleman, W. A.....	148.90	Enos, E. M.....	94.31
Collins, A. G.....	144.45	Ettling, Christian.....	41.50
Collins, G. C.....	94.40	Evans, Fred.....	353.24
Conard, John A.....	227.60	Everly, O. W.....	219.26
Conley, C. C.....	264.75	Ewers, S. V.....	156.96
Connell, R. M.....	125.01	Exline, James C.....	786.08
Conover, John A.....	36.75	Finley, G. M.....	79.31
Cooley, F. C.....	221.00	Fish, J. G.....	737.38
Corbett, C. M.....	100.95	Fish, R. J.....	48.40
Corbin, E. A.....	220.87	Fish, W. F.....	521.21
Cortis, W. S.....	57.90	Fladness, S. O.....	205.31
Cosford, S. E.....	415.19	Flaherty, G. F.....	108.84
Covington, Percy C.....	611.70	Fleming, Wm. R.....	521.00
Cowie, Charles.....	172.04		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i>		<i>Travel and station and field expenses—</i>	
<i>Continued.</i>		<i>Continued.</i>	
Formad, Robt. J.	\$420.85	Humphrey, M. E.	\$2.80
Foster, J. P.	297.85	Hunter, Wm. R.	13.04
Foster, S. L.	158.75	Hurst, Wilbur H.	596.92
Frederick, H. J.	58.85	Imes, Marion.	785.94
Freeman, Carl F.	249.37	Irwin, A. N.	309.74
Fretz, W. J.	911.34	Issajeff, Theo. W.	86.26
Fry, Chas. P.	39.35	Ivers, Robert.	91.21
Fry, J. L.	18.76	Jackson, Roy E.	114.03
Fry, William A.	117.49	Jackson, R. E. L.	457.28
Fryhofer, C. W.	466.95	Jacobs, J. Otis.	478.18
Gallagher, B. A.	394.95	James, I. L.	302.80
Gallagher, F. A.	22.80	Jelen, Frank.	196.10
Gallagher, F. L.	152.95	Johnson, Fred E.	748.09
Gallagher, J. J.	1,208.37	Johnson, Levi E.	296.20
Geddes, T. A.	1,028.66	Johnson, Western L.	860.97
Gibson, Chas. H.	116.40	Jones, A. C.	106.20
Gideon, O. P.	67.05	Jones, C. H.	90.65
Gilbert, Louis C.	118.25	Jones, J. S.	46.50
Gilbert, Niron O.	124.55	Jones, R. W.	118.25
Gill, Edgar.	3.45	Jones, Thomas H.	2.50
Gillett, Stephen D.	731.05	Jones, Wm. F.	563.45
Gilmore, Elias.	8.62	Jorden, Wm. D.	104.05
Glenn, H. H.	123.05	Jung, Otto E.	213.40
Glynn, Frank J.	587.77	Justin, M. M.	150.80
Gomel, Charles.	107.00	Kaller, W. C.	254.87
Gorton, C. T.	70.52	Kay, John Boyd.	8.96
Gourley, Thos. M.	70.05	Kerr, R. H.	129.50
Graham, Joseph.	126.69	Kershner, P. I.	452.69
Graham, Ralph (Arkansas City, Kans.)	504.13	Ketchum, F. D.	10.00
Graham, R. (National Stock Yards, Ill.)	466.70	Kieffer, P. H.	41.72
Gray, C. E.	694.58	Kiernan, J. A.	945.39
Graybill, H. W.	233.64	Kinsey, O., jr.	72.70
Grimes, Robt. B.	258.05	Kookan, Mark.	81.15
Gross, Wm. F.	559.20	Koonce, L. F.	111.10
Hahn, Royal H.	52.59	Korb, W. A.	265.42
Hamilton, Wm.	386.75	Kramer, W. F.	103.15
Hammack, L. C.	342.46	Lackey, Sidney.	46.70
Hammond, H. J.	587.19	Lacy, W. J.	31.80
Hanawalt, David C.	225.85	Lamb, Morgan P.	13.65
Hancock, Henry J.	95.70	Lamborn, G. E.	164.80
Harmon, A. A.	742.55	Lane, C. B.	669.41
Hart, G. W.	11.87	Lane, Givens.	12.95
Hart, Harry M.	572.02	Lang, M. W.	1,285.51
Harrington, C. F.	151.60	Lantz, Matthias S.	156.70
Harrington, D. W.	76.30	Lash, Elmer.	73.90
Hascall, M. T.	549.82	Lauman, F. J.	82.96
Haskett, Bert.	553.20	Lavery, W. F.	59.98
Heacock, Clyde C.	535.50	Law, F. W.	94.60
Hearn, J. L.	171.45	Lawson, James M.	1,060.29
Heckart, H. L.	315.00	Lawton, R. G.	810.61
Hedrick, H. A.	5.50	Leeper, J. C.	8.20
Heldring, J. J. L.	2.64	Lemery, A. A.	184.70
Henderson, P. P.	387.71	Lentz, Edward S.	70.15
Henderson, L. C.	152.03	Lewallen, W. M.	71.26
Herbert, Clay M.	62.10	Lincoln, Willis P.	10.35
Herring, L. J.	112.52	Lipp, Geo. A.	242.45
Hess, O. B.	42.00	Logan, Albert H.	4.28
Hiatt, William L.	95.56	Logan, James.	100.35
Hickox, Claude.	187.25	Lowe, C. D.	1,166.20
Hickox, Geo. S.	405.52	Lowe, J. H.	615.25
Hickman, R. W.	246.71	Lowry, Thomas J.	954.55
Hicks, H. H.	1,047.60	Luepke, J. F.	1.05
Hills, J. V.	187.38	Lull, E. D.	225.00
Hodges, David R.	11.25	Lytte, Wm. H.	487.35
Holbrook, J. B.	142.93	McAdam, Robt.	1,868.69
Holcombe, A. A.	305.10	McArmick, C. E.	45.65
Hood, H. B.	313.65	McBirney, John.	6.41
Hopkins, F. W.	110.98	McBroom, Ralph.	382.13
Howes, Ben.	3.57	McBryde, C. N.	252.06
Hughes, Albert N.	6.95	McCabe, B. D.	129.30
Hulbush, Chas.	191.55	McCabe, Geo. P.	273.20
Hutchinson, E. N.	776.12	McCall, Chas. A.	143.90
Hougendobler, John J.	700.52	McCampbell, C. W.	99.00
Hoyman, H. J.	338.51	McCarthy, T. A.	181.70
		McClelland, J. D.	71.10
		McClelland, R. L.	3.15

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i>		<i>Travel and station and field expenses—</i>	
<i>Continued.</i>		<i>Continued.</i>	
McClure, S. W.	\$962.53	Park, A. B.	\$123.25
McClure, W. E.	142.91	Parker, Joseph W.	221.04
McCullum, P. L.	6.62	Parks, G. H.	4.25
McCoul, J. F.	88.10	Paul, Arthur	175.54
McCunningham, Dan'l.	72.27	Paxton, I. B.	787.32
McDonald, E. A.	1,696.02	Payne, A. J.	202.93
McDonald, H. L.	592.60	Peabody, H. C.	48.45
McFall, Jonathan	44.76	Peabody, W. J.	75.00
McGinnis, R. W.	321.95	Pearce, Bart.	56.59
McLelland, W. W.	12.60	Pearson, Chas.	281.65
McNally, H. R.	190.29	Peck, S. W.	770.00
MacKellar, W. M.	154.13	Perry, F. M.	212.10
Mahoney, W. J.	45.85	Perry, James	175.25
Maloney, A. J.	98.27	Persells, H. V.	215.55
Markert, George	550.85	Persse, J. C.	11.85
Marshall, Henry	196.12	Petty, F. O.	334.30
Martin, R. M.	31.60	Pettibone, A. H.	75.31
Mason, F. H.	106.55	Petty, F. L.	197.75
Mason, W. D.	232.79	Petty, J. W.	33.65
Mather, C. A.	209.45	Plaffman, G. A.	74.90
Mathews, V. A.	34.33	Phillips, A. G.	16.25
Mauldin, C. E.	179.80	Phillips, E. F.	9.01
Mayer, N. J.	178.95	Philpott, L. B.	145.25
Mayne, H. D.	279.85	Pickett, James F.	380.06
Meadors, W. H.	18.31	Pine, David B.	104.40
Merrill, Jay	871.84	Pine, H. E.	163.60
Merritt, Jos. G.	69.60	Pinkerton, H. E.	590.06
Metsker, Louis	92.81	Pope, Geo. W.	585.58
Miller, Arthur W.	428.30	Porter, W. S.	10.40
Miller, Chester	18.25	Potter, G. M.	110.77
Miller, Ira	78.70	Potter, H. T.	48.24
Miller, Joshua	5.52	Pratt, R. T.	530.15
Moosers, C. A.	17.79	Price, J. O. F.	101.14
Mock, B. H.	44.25	Proper, L. J.	100.05
Mohler, John R.	265.76	Proudfoot, Wm.	1,279.24
Moore, J. W.	131.30	Quillian, C. M.	97.91
Moreno, R. J.	46.35	Quirk, Michael J.	596.37
Morgan, H. A.	25.69	Ragland, M. J.	347.82
Morgan, Porter	1.40	Ramsay, R. A.	1,319.01
Morin, C. L.	149.75	Ransom, B. H.	449.86
Morledge, Ralph	35.78	Raque, Chas. A.	54.00
Morris, D. K.	241.60	Rawl, B. H.	216.06
Morrissey, Leo W.	486.55	Rawling, W. J.	9.15
Moser, G. C.	328.81	Rea, T. B.	910.66
Murphy, W. J.	165.76	Redmond, Thos.	152.80
Murray, F. E.	441.20	Repp, Geo. E.	2.00
Myers, Murray J.	107.59	Rich, T. S.	107.70
Myers, Willis A.	167.42	Richards, Isaiah	198.00
Nance, Joseph E.	73.52	Richardson, A. G. G.	4.00
Naylor, Ralph E.	86.25	Ridgway, J. W.	12.02
Nelson, Jean I.	573.70	Reitz, John H.	482.45
Nelson, Swen	207.45	Rigdon, Frank	391.53
Newberry, G. W.	44.10	Rigdon, Scott J.	136.44
Newman, Robert R.	629.05	Riley, E. H.	138.39
Ney, Wm. O.	61.90	Ring, N. S.	177.41
Nighbert, E. M.	115.36	Robards, Jesse	390.92
Niles, W. B.	112.65	Robbins, Hartwell	134.21
Niven, A. B.	21.51	Roberts, G. A.	79.90
Niven, C. F.	321.56	Roberts, Herbert	44.20
Niven, L. A.	329.55	Robinson, Chas. H.	664.40
Noyes, O. W.	726.94	Robinson, Geo. H.	1,088.94
Noyes, R. E.	148.65	Robinson, L. A.	12.84
Nutting, L. A.	966.10	Rockwell, M. H.	24.85
O'Connor, John P.	817.25	Rodibaugh, S. J.	86.10
Offield, J. W.	56.75	Rogers, Beatrice C.	25.94
Oglesby, W. B.	163.17	Rogers, L. A.	305.52
Olbeter, Rudolph M.	309.95	Rommel, Geo. M.	303.70
Oldaker, E. E.	124.60	Roney, B. C.	72.45
O'Leary, J. P.	18.84	Roome, Henry	261.65
O'Neil, Ernest R.	756.49	Rooper, J. A.	121.65
O'Rourke, I. W.	61.10	Rork, Chas. F.	969.45
Osborn, W. F.	185.30	Rosenberger, M.	156.36
Overton, Frederick C.	132.70	Royce, Joe A.	117.55
Overton, J. E.	114.59	Rubel, Chester W.	72.75
Owen, F. D.	11.75	Russell, F. L.	382.15
Owen, Thomas M.	657.38	Ruth, Adolph	47.45
Owens, Claude S.	82.65		



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i>		<i>Travel and station and field expenses—</i>	
Continued.		Continued.	
Ryan, W. M. ....	\$20.30	Stone, R. E. ....	\$53.23
Ryder, Frank .....	14.20	Stout, Edgar M. ....	434.20
Ryder, H. R. ....	5.12	Stuart, Duncan .....	44.05
Ryder, J. F. ....	30.22	Stults, C. L. ....	204.90
Sammis, John L. ....	68.98	Sullivan, D. C. ....	225.75
Santee, E. M. ....	1,004.76	Talbot, Seth P. ....	410.70
Sargent, L. E. ....	514.31	Teepie, G. R. ....	35.80
Sanders, J. B. ....	94.86	Thom, Chas. ....	115.06
Saunders, W. H. ....	261.85	Thomas, G. E. ....	621.42
Savage, W. A. ....	424.96	Thomason, Hugh .....	14.00
Sawhill, W. H. ....	93.05	Thompson, Wm. ....	420.65
Schafer, Conrad .....	323.55	Tiffany, J. B. ....	47.70
Schafer, Cecil K. ....	753.16	Timberlake, T. O. ....	68.50
Schaffter, E. P. ....	.45	Totten, Geo. E. ....	735.27
Schneider, F. L. ....	887.40	Traum, Jacob .....	755.19
Schofield, Major .....	34.10	Treacy, R. H. ....	1,475.71
Schroeder, E. C. ....	114.43	Treeman, Fred B. ....	44.56
Schumacher, W. ....	713.45	Tremper, H. J. ....	241.89
Scott, P. B. ....	97.45	Treeloar, D. C. ....	200.30
Seymour, C. H. ....	46.55	Tuck, R. W. ....	11.50
Shaw, Edward L. ....	19.77	Turner, Thomas J. ....	216.28
Shaw, R. H. ....	24.65	Turlington, J. E. ....	96.65
Shearer, J. C. ....	107.98	Upton, W. L. ....	1,198.49
Shelton, E. W. ....	121.73	Van Allstyne, Wm. C. ....	365.95
Shepherd, M. K. ....	51.20	Vance, Arthur .....	168.60
Shepherd, R. C. ....	148.55	Voigenau, E. L. ....	8.27
Shraiberg, S. G. ....	311.93	Wagner, A. E. ....	48.60
Siegmund, W. C. ....	46.13	Wallace, W. A. ....	132.17
Siggins, E. L. ....	495.05	Waller, H. N. ....	255.37
Silverwood, Herbert .....	214.45	Walter, Harry K. ....	7.40
Simpson, H. H. ....	70.95	Ward, G. W. ....	92.24
Simpson, John H. ....	432.63	Warner, Dick E. ....	255.21
Sims, W. A. ....	16.68	Washburn, Henry J. ....	130.37
Singleton, Henry .....	73.75	Watters, S. A. ....	271.66
Skinner, Wm. A. ....	810.45	Waugh, E. M. ....	51.10
Stocum, R. R. ....	362.25	Webster, Ed. H. ....	1,130.37
Smarzo, W. S. ....	274.55	Weihe, Walter E. ....	89.95
Smith, Edward M. ....	138.60	Weld, Ivan C. ....	333.16
Smith, F. M. ....	75.35	Wells, Levi .....	1,500.92
Smith, Herbert M. ....	16.71	West, Laomer .....	526.37
Smith, L. C. ....	124.30	Whitaker, Geo. M. ....	583.36
Smith, N. B. ....	308.75	White, B. D. ....	959.66
Smith, S. M. ....	622.38	White, Thomas .....	206.50
Smith, W. A. ....	3.65	Wiley, M. C. ....	309.30
Smith, W. B. ....	41.75	Wilkes, R. W. A. ....	166.00
Smith, W. G. ....	90.40	Will, E. J. ....	231.28
Smith, Wm. H., jr. ....	17.06	Williams, J. S. ....	33.45
Snyder, Rudolph .....	666.82	Williams, M. D. ....	4.67
Sommers, Frank .....	102.03	Williams, R. E. ....	15.75
Somerville, Samuel, jr. ....	1.15	Willits, E. V. ....	48.65
Songer, Lee C. ....	992.53	Wolf, Max .....	22.10
Sorrell, Warren .....	182.15	Wood, E. P. ....	101.84
Sorrell, Walter .....	186.55	Woodward, B. T. ....	9.00
Sorensen, N. C. ....	9.73	Woolen, D. M. ....	294.55
Speake, Edward O. ....	525.43	Wootton, Wm. C. ....	15.14
Spencer, W. T. ....	218.80	Worcester, W. W. ....	248.85
Spoon, J. P. ....	91.17	Worswick, R. C. ....	228.55
Spindler, E. S. ....	737.05	Wray, W. H. ....	405.99
Squires, J. H. ....	445.01	Yager, E. P. ....	152.75
Stafford, R. J. ....	4.10	Yard, W. W. ....	170.07
Stauffer, J. A. ....	805.15	Yenner, Wm. ....	118.83
Steddum, R. P. ....	212.30	Young, John M. ....	394.45
Steele, J. G. ....	142.04	Zimmerman, Asa .....	11.30
Stevenson, E. C. ....	153.70	Zink, C. H. ....	473.10
Stewart, W. J. ....	145.31		
Stine, B. L. ....	92.77		
		Total .....	161,037.36

Total amount of appropriation, including \$2,500 for rent .....	\$812,200.00
Total expenditures under above groups .....	738,840.41
Unexpended balance .....	73,359.59
Repayments to credit of appropriation .....	53.62
Net unexpended balance .....	73,413.21

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry, 1907, \$812,200."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Storrs Experiment Station, Connecticut.	Cheese investigations.....	\$3,876.30
University of Wisconsin, Madison, Wis.	Cheese investigations.....	3,281.62
University of Missouri, Columbia, Mo.	Milk secretion investigations.....	1,988.48
Rhode Island Agricultural Experiment Station.	Experiments regarding the nature, cause, and prevention of infectious entero-hepatitis in turkeys and other farm poultry.	510.99
Utah Agricultural Experiment Station.	Experiments for the purpose of studying the nature, cause, and treatment of "big head" in sheep.	83.85
Total.....		9,741.24

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Animal Industry (southern dairy work), 1907, \$20,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Slater, H. N.....	Expert in dairying, at \$1,600.....	\$1,071.10	\$1,237.00
Ridgway, J. W.....	Expert in dairying, at \$1,000.....	958.34	989.19
Stuart, Duncan.....	Assistant in dairying, at \$1,400.....	875.01	.....
Woodward, T. E.....	Expert in dairying, at \$1,200.....	236.67	130.52
Conover, John A.....	Scientific assistant in dairying, at \$900 and \$1,200.	1,025.00	886.85
Total.....		4,166.12	.....
<i>Out of Washington.</i>			
Barnes, S. E.....	Expert in dairying, at \$1,500, and assistant dairyman, at \$1,600.	1,479.17	1,015.43
Dorman, J. E.....	Expert in dairying, at \$1,400, and assistant dairyman, at \$1,600.	1,341.68	1,114.25
Moser, C. O.....	Dairy expert, at \$1,400, and assistant dairyman, at \$1,400.	350.00	98.60
Rawl, B. H.....	Dairy expert, at \$1,400 and \$1,600.....	1,458.34	.....
Risser, A. K.....	Assistant dairyman, at \$1,400.....	116.67	92.09
Woodward, T. E.....	Assistant dairyman, at \$1,200.....	100.00	.....
Lykes, H. P.....	Agent in dairying, at \$840.....	37.33	43.47
Michels, John.....	Collaborator, at \$4 per diem.....	26.80	7.59
Total.....		4,909.99	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
"General expenses, Bureau of Animal Industry (southern dairy work), 1907,  
\$20,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Yawman & Erbe Mfg. Co. ....	\$4.00	Taylor, Taylor & Hobson.....	\$39.09
<i>Miscellaneous supplies, etc.</i>		Wagner Glass Works.....	12.44
Barber Creamery Sup. Co. ....	150.00	Total.....	310.92
Burrell & Co., D. H. ....	96.00	<i>Travel and station and field expenses.</i>	
Topham, James S. ....	51.70	Barnes, S. E. ....	878.39
Total, supplies, etc. ....	297.70	Conover, J. A. ....	850.10
<i>Furniture.</i>		Dorman, J. E. ....	1,044.42
Thomas & Sons, R. ....	57.10	Lykes, H. P. ....	43.47
<i>Telegraph.</i>		Michels, John.....	7.59
Postal Telegraph Cable Co. ....	1.68	Moser, C. O. ....	98.60
<i>Apparatus, instruments, and laboratory material.</i>		Rawl, B. H. ....	1,742.82
Barber Creamery Sup. Co., A. H. ....	56.25	Ridgway, J. W. ....	977.17
Feast & Co., H. D. ....	174.15	Risser, A. K. ....	92.09
Pullman, E. J. ....	28.99	Slater, H. N. ....	1,237.09
		Stuart, Duncan.....	596.21
		Webster, Ed. H. ....	182.53
		Whitaker, Geo. M. ....	99.88
		Woodward, T. E. ....	130.22
		Total.....	7,980.88
Total amount of appropriation.....			\$20,000.00
Total expenditures under above groups.....			17,728.39
Unexpended balance.....			2,271.61

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
"General expenses, Bureau of Animal Industry (diseases of domestic animals,  
Minnesota), 1907, \$5,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Flocken, Chas. F. ....	Assistant in bacteriology, at \$1,800.....	\$1,275.00	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
"General expenses, Bureau of Animal Industry (diseases of domestic animals,  
Minnesota), 1907, \$5,000."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Telephone.</i>	
Allen Bros. ....	\$7.90	Northwestern Telephone Exchange Co. ....	\$3.40
Cotton, Chas. E. ....	65.00	<i>Apparatus, instruments, and laboratory material.</i>	
Kunz Oil Co. ....	12.00	Noyes Bros. & Cutler.....	127.82
Miller, Frank.....	4.20	<i>Travel and station and field expenses.</i>	
Russell, Edwin.....	3.00	Flocken, Chas. F. ....	71.12
State Experiment Station.....	6.00	Mohler, John R. ....	39.05
State Live Stock Sanitary Board.....	41.94	Total.....	110.17
Total.....	140.04		
<i>Furniture.</i>			
New England Furniture and Carpet Co. ....	35.33		
Total amount of appropriation.....			\$5,000.00
Total expenditures under above groups.....			1,691.76
Unexpended balance.....			3,308.24



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (diseases of domestic animals, Minnesota), 1907, \$5,000."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Minnesota Agricultural Experiment Station.	Investigations of the diseases known as hemorrhagic septicemia, infectious cerebro-spinal meningitis, and malignant catarrh.	\$1,691.76

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (animal breeding and feeding), 1907, \$25,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Buffum, B. C.	Chairman of board to purchase sheep, at \$10 per diem.	\$40.00	\$49.15
King, Francis S.	Member of board to purchase sheep, at \$10 per diem.	120.00	142.32
Carlyle, W. L.	Expert in animal husbandry, at \$1,000.	1,000.00	132.42
Hammond, W. F.	do.	988.89	152.79
Kirkpatrick, Wm. F.	Expert in animal husbandry, at \$900.	675.00	.....
Cole, Leon J.	Expert in animal husbandry, at \$700.	408.34	.....
Duggar, J. F.	Expert in animal husbandry, at \$50 per month	150.00	10.34
Gowell, G. M.	Expert in animal husbandry, at \$600.	600.00	.....
Curtice, Cooper.	Expert in animal husbandry, at \$500.	20.83	1,033.21
Morton, Geo. E.	do.	352.77	480.38
Gaumanitz, Daniel A.	Expert in animal husbandry, at \$400.	300.00	73.81
Gray, D. T.	Expert in animal husbandry, at \$300.	225.00	48.51
Ward, W. F.	Scientific assistant in animal husbandry, at \$720.	696.00	189.83
Armsby, Henry P.	Expert in animal nutrition, at \$1,000.	1,000.00	83.39
Fries, J. August.	Expert in animal nutrition, at \$840.	840.00	.....
Braman, Winfred W.	do.	840.00	.....
Christensen, F. W.	Expert in animal nutrition, at \$35 per month	420.00	.....
Hutton, James.	Expert groom, at \$1,200.	1,200.00	.....
Peck, Cassius.	Expert supervisor, at \$300.	75.00	.....
Kernachan, John S.	Collaborator, at \$100.	99.99	.....
Desjadin, Simon.	Laborer, at \$40 per month.	100.00	.....
Lee, Fred M.	do.	97.33	.....
Lee, W. T.	do.	97.33	.....
Kolbe, D. W.	Laborer, at \$37 per month.	333.00	.....
Gilbert, L. C.	Laborer, at \$300.	50.00	.....
Stannard, C. A.	do.	25.00	.....
Hughes, Ed. J.	Laborer, at \$3 per diem.	33.00	.....
Hughes, James.	do.	37.50	.....
Cosgrove, C. J.	Laborer, at \$2 per diem.	12.00	21.35
Cota, Charles	Laborer, at \$1.50 per diem.	43.50	.....
Cota, Henry	do.	43.50	.....
Guyette, A. W.	do.	33.00	.....
Langworthy, C. G.	do.	27.00	.....
Moroney, T. F.	do.	51.00	.....
Pinney, J. W.	do.	14.25	.....
Sears, John	do.	12.00	.....
Walker, H. C.	do.	51.00	.....
Woodworth, Guy C.	do.	45.00	.....
Yarter, Frank Y.	do.	19.50	.....
Walker, W. S.	Laborer, at \$1 per diem.	4.00	.....
Total.		11,180.73	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (animal breeding and feeding), 1907, \$25,000."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Freight.</i>	
Allen, L. O. ....	558.20	Carlyle, W. L. ....	\$161.95
Bainbridge, C. N. ....	3.95	Knox Express Co., Geo. W. ....	10.00
Baldwin Sheep and Land Co. ....	80.00	Pacific Express Co. ....	430.70
Bissonett, F. W. ....	609.75	Rutland R. R. Co. ....	20.00
Butterfield Live Stock Co. ....	80.00	Total .....	622.65
Carey, A. W. ....	11.60	<i>Telephone.</i>	
Chapman Lumber Co. ....	47.68	Champlain Valley Telephone Co. ....	13.93
Chapman, Max. ....	150.00	New England Telegraph and Telephone Co. ....	5.21
Cosgrove, C. J. ....	29.23	Total .....	19.14
Dodge, L. B. ....	10.05	<i>Apparatus, instruments, and laboratory material.</i>	
Edmiston, Walter. ....	36.00	Buttolph, J. E. ....	255.00
Elmer, John. ....	40.98	Sheldon, W. N. ....	2.79
Farnsworth & Co., F. A. ....	87.96	Total .....	257.79
Ferguson & Adsit Co. ....	16.45	<i>Travel and station and field expenses.</i>	
Forbes Bros. ....	112.00	Bell, G. A. ....	1,145.71
Given, G. C. ....	12.00	Boss, Andrew. ....	92.47
Greenacre Bros. ....	1,043.98	Buffum, B. C. ....	49.15
Harrison, A. S. ....	200.00	Carlyle, W. L. ....	132.42
Hartswick, N. ....	36.00	Cosgrove, C. J. ....	21.35
Hinds & Son, E. D. ....	35.00	Farley, F. A. ....	44.11
Kidder, Tuce. ....	47.00	Gaumnitz, D. A. ....	73.81
Kimble, Chas. A. ....	75.00	Gray, D. T. ....	48.51
King Bros. Co., F. S. ....	375.00	Hammond, H. J. ....	30.83
Lincoln, Dwight. ....	200.00	Hammond, W. F. ....	152.79
Moore, E. M. ....	200.00	King, F. S. ....	142.32
Moore-Jackson Grain Co. ....	488.10	Morton, Geo. E. ....	480.38
Orvis, J. H. ....	113.50	Rommel, Geo. M. ....	502.90
Robinson Edwards Lumber Co. ....	300.00	Ward, W. F. ....	189.83
Rogers & Wells. ....	20.35	Total .....	3,106.58
Ryder, E. C. ....	15.00	<i>Total amount of appropriation. ....</i>	
Seeley, John H. ....	90.00	<i>.....</i>	
Stewart, John M. ....	100.57	<i>.....</i>	
Taylor, Robert. ....	600.00	<i>.....</i>	
Thomas, E. H. ....	373.35	<i>.....</i>	
Thomas & Weeks. ....	116.20	<i>.....</i>	
Towle & Co., J. C. ....	399.71	<i>.....</i>	
Troub, H. F. ....	42.00	<i>.....</i>	
Vermont Agricultural Experiment Station. ....	1,471.70	<i>.....</i>	
White, C. F. ....	695.00	<i>.....</i>	
Wood & Sons, A. A. ....	400.00	<i>.....</i>	
Total .....	8,883.31	<i>.....</i>	

Total amount of appropriation. .... \$25,000.00  
 Total expenditures under above groups. .... 24,070.20

Unexpended balance. .... 929.80

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (animal breeding and feeding), 1907, \$25,000."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Pennsylvania Experiment Station. ....	Animal nutrition investigations. ....	\$3,199.95
Maine Experiment Station. ....	Poultry breeding. ....	1,000.00
Vermont Experiment Station. ....	Morgan-horse breeding. ....	2,384.80
Rhode Island Experiment Station. ....	Turkey breeding. ....	1,437.17
Colorado Experiment Station. ....	Carriage-horse breeding. ....	4,111.48
Minnesota Experiment Station. ....	Breeding Shorthorn cattle. ....	512.96
Wyoming Experiment Station. ....	Range-sheep breeding. ....	4,684.08
Total .....		17,330.41

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Houck, U. G.	Associate chief of division, at \$2,500	\$1,972.22	\$225.36
Behnke, Albert E.	Associate chief of division, at \$2,000 and \$2,500	1,202.78	103.59
Wooden, Morris.	Assistant chief of division, at \$2,000 and associate chief of division, at \$2,500	1,869.45	
Smith, Wm. H., jr.	Veterinary inspector, at \$1,800 and \$2,000	764.44	644.89
Woodward, B. T.	Veterinary inspector, at \$1,400	132.23	9.00
Stafford, Rosslyn J.	Veterinary inspector, at \$1,200 and \$1,400	383.33	35.35
Chapin, Robt. M.	Assistant chemist, at \$1,200	453.33	
Roop, Archer H.	do.	400.00	56.25
Castleman, Philip.	Scientific assistant, at \$840, and assistant chemist, at \$1,200	820.00	
Smith, William B.	Scientific assistant, at \$1,000	7.78	139.40
Miller, Samuel M.	Meat inspector, at \$1,000, and clerk, at \$1,000	627.78	38.55
Mink, Wm.	Inspector of meat products, at \$1,000, and meat inspector, at \$1,000 and \$1,200	878.78	
Valaer, Peter, jr.	Expert assistant, at \$840	648.67	
Ingersoll, Edwin H.	Laboratory helper, at \$840	245.00	
Gedes, H. H.	Clerk, at \$1,800	915.00	
Goodpasture, C. O.	do.	1,425.00	
Abel, Joseph.	Clerk, at \$1,600	333.33	
Evans, I. C. I.	do.	1,600.00	
Pew, I. W.	Clerk, at \$1,600 and \$1,800	1,633.33	
Davis, Alfred C.	Clerk, at \$1,400	1,030.56	
Fravel, F. R.	do.	1,400.00	
Gregory, F. N.	do.	1,400.00	
Keleher, P. J.	do.	633.90	
Lyons, Evelyn.	do.	1,400.00	
Peppers, Harry B.	do.	1,022.78	
Sullivan, Mary.	do.	1,400.00	
Watson, H. L.	do.	1,069.44	53.25
Young, George D.	do.	960.56	44.45
Bennett, E. A.	Clerk, at \$1,200	786.67	
Browning, A. J.	Clerk, at \$720 and \$1,200	310.00	
Cartan, Margaret S.	Clerk, at \$1,200	800.00	
Corey, Chas. R.	do.	686.67	
Fegan, H. J.	Clerk, at \$1,200, and clerk, stenographer, and typewriter, at \$1,400	441.67	
Gates, Otis H.	do.	441.67	
McGinty, George B.	do.	941.67	149.65
Marshall, Mary G.	Clerk, at \$1,200	1,200.00	
Schuman, Charles.	do.	900.00	117.75
Scribner, Le Roy.	do.	1,200.00	
Towberman, Wm. L.	do.	103.34	
Wasdon, B. G.	do.	1,200.00	
White, H. C.	do.	596.67	
Anderson, M. N.	Clerk, at \$1,000	758.33	
Bell, Mary E.	do.	230.56	
Griffith, T. E.	do.	325.00	
Harris, A. E.	do.	450.56	34.00
Jacobs, Harry C.	do.	183.34	
Jullian, George M.	do.	163.89	
King, James L.	do.	83.34	21.65
Kling, Marcus W.	do.	766.67	
Richardson, Wm. T.	do.	916.67	
Stein, S. B.	do.	680.55	
Tomlinson, W. F.	do.	791.67	
Bingman, Harry.	Clerk, at \$900	427.50	
Brauner, Adolph.	do.	400.00	
Hatchitt, Nina.	do.	447.50	
Lipp, Paul H.	do.	445.00	
Sammis, E. C.	do.	562.50	
Simpson, John M.	do.	692.50	
Cunningham, S. H.	Clerk, at \$840	326.67	
Field, James E.	do.	35.00	
Griswold, Grace.	Clerk, at \$840 and \$1,000	753.34	
Feild, Jennie E.	Clerk, at \$720	540.00	
Floyd, P. B.	do.	552.00	
Healey, Bessie M.	Clerk, at \$720 and \$900	545.00	26.70
Lane, Jennie M.	Clerk, at \$720	270.00	
Le Flohic, George.	Clerk, at \$720 and \$900	558.50	
Lucas, Ethel.	Clerk, at \$720	540.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Parkinson, E. F.	Clerk, at \$720	\$450.00	
Puette, Grace	Clerk, at \$720 and \$900	605.50	\$31.35
Sullivan, Etta M.	Clerk, at \$900	225.00	
Wright, Alice J.	do	235.00	
Wagner, Harvey	Clerk, stenographer, and typewriter, at \$1,000	286.11	
Flavin, Phillip T.	Clerk, stenographer, and typewriter, at \$900	300.00	
Alexander, Emma C.	Clerk, stenographer, and typewriter, at \$840	35.00	
Block, Theodore	do	224.00	
Phillips, Cecilla D.	do	107.33	
McFarland, Hattie B.	Clerk, stenographer, and typewriter, at \$480	40.00	
Burruss, R. P.	Bookkeeper, at \$100 per month	200.00	
Jensen, John	do	200.00	
Perry, Clarence A.	Clerk (bookkeeper), at \$1,000	436.11	
Neis, C. J.	Clerk-typewriter, at \$900	360.00	
Hughes, Geo. H.	Clerk-typewriter, at \$840	294.00	46.20
Brookington, Bernard	Carpenter, at \$4 per diem	52.00	
Cross, J. C.	do	100.00	
Scott, James	do	112.00	
White, Edward	do	118.00	
Cookman, Chas. L.	Carpenter, at \$3.50 per diem	49.00	
Shipley, Geo. J.	do	474.25	
Maloy, Edward J.	Messenger and custodian, at \$1,200	900.00	
Crompton, Harry	Messenger, at \$840	627.67	
Stedman, R. G.	Messenger, at \$720	162.00	
Eldridge, J. E.	Messenger, at \$360	304.00	
Jump, W. A.	do	48.00	
Long, H. P.	do	309.00	
Moore, Grover E.	Messenger, at \$360 and \$480	290.67	
Travers, C. E.	Messenger, at \$360	276.00	
Wilmeth, John F.	Messenger, at \$360 and \$480	297.33	
Hollidge, A. H.	Skilled laborer, at \$900	712.50	
Wesley, Chas.	Skilled laborer, at \$600	300.00	
Myers, William	Unskilled laborer, at \$1.50 per diem	32.25	
Neale, Alfred	do	44.25	
Nelson, Edward	do	41.25	
Parker, Edward	do	1.50	
Beach, Freddie	Charwoman, at \$240 and \$480	160.00	
Total		58,272.86	
<i>Out of Washington.</i>			
Wray, W. H.	Veterinary inspector, at \$12.50 per diem, and \$4,000.	4,058.33	
Bennett, S. E.	Veterinary inspector, at \$2,500, \$2,750, and \$3,000.	2,708.33	296.07
Heddes, Tooie A.	Veterinary inspector, at \$2,500	1,250.00	
Houck, U. G.	do	527.78	
Rose, W. H.	Veterinary inspector, at \$2,250	2,250.00	138.37
Ayer, Don C.	Veterinary inspector, at \$2,000 and \$2,500	2,083.33	90.00
Baker, Lewis R.	do	2,083.33	132.76
Ryder, J. F.	Veterinary inspector, at \$2,000, \$2,250, and \$2,500.	2,250.00	562.50
Brougham, James J.	Veterinary inspector, at \$1,800 and \$2,250	1,875.00	272.05
Clancy, J. B.	Veterinary inspector, at \$1,800, \$2,000, and \$2,250.	2,008.33	256.11
Schauffer, Chas. A.	do	1,991.66	521.52
Baker, Geo. S.	Veterinary inspector, at \$1,800 and \$2,000	1,942.23	759.70
Burt, S. W.	do	1,833.34	50.25
Metsker, Louis	do	1,178.34	
Sorensen, Niels C.	do	1,833.34	139.53
Waller, Harry N.	do	1,966.67	484.53
Johnston, James	Veterinary inspector, at \$1,800	1,800.00	
Richardson, A. G. G.	do	215.00	35.67
Smith, Nathaniel B.	do	55.00	
Ditwig, George.	Veterinary inspector, at \$1,000, \$1,800, and \$2,250.	1,858.33	1,136.77
George, Harrison H.	do	1,849.44	216.27
Johnson, G. A.	do	1,775.00	135.04
Ketchum, Frank D.	do	1,841.66	109.34
Mattatall, Ira C.	do	1,849.99	1,717.88

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Beechy, Levi P.	Veterinary inspector, at \$1,600, \$1,800, and \$2,000.	\$883.34	
Faville, Geo. C.	do.	1,733.34	\$117.85
Hess, Orlando B.	do.	1,800.00	662.23
Huelsen, Julius	do.	1,800.00	299.24
Schaffter, Edward P.	do.	1,800.00	236.12
Townsend, N. L.	do.	1,416.68	
Wende, Bernhard P.	do.	1,800.00	200.83
Behnke, Albert E.	Veterinary inspector, at \$1,600 and \$1,800.	683.33	
Bond, Geo. A.	do.	833.33	
Fleming, James.	do.	1,733.33	7.30
Hedrick, H. A.	do.	1,733.33	152.96
Howe, Walter E.	do.	416.66	4.05
Lanigan, O. J.	do.	1,700.00	
Lavery, William F.	do.	1,650.00	59.98
McBirney, John.	do.	1,015.56	83.06
McFarland, Claude K.	do.	1,014.45	
Thompson, Wm.	do.	1,275.00	
Eells, Frank C.	Veterinary inspector, at \$1,600.	520.00	
Fleming, William R.	do.	400.00	
Fretz, Warren J.	do.	675.00	
Hamilton, Robt. H.	do.	266.67	
Smith, Wm. H., jr.	do.	933.33	
Pistor, A. J.	Veterinary inspector, at \$1,500, \$1,800, and \$2,250.	1,837.50	1,440.64
Abel, Louis.	Veterinary inspector, at \$1,500, \$1,600, \$1,800, and \$2,000.	1,708.34	115.80
Ainsworth, F. W.	do.	1,658.06	114.00
Bertram, Eli L.	Veterinary inspector, at \$1,500, \$1,800, and \$2,000.	1,796.67	554.75
Blackwell, John E.	Veterinary inspector, at \$1,500, \$1,600, \$1,800, and \$2,000.	1,716.68	113.55
Brown, H. E.	do.	1,666.68	160.06
Busman, H.	do.	1,700.01	143.05
Butler, Geo. W.	Veterinary inspector, at \$1,500, \$1,800, and \$2,000.	1,796.67	220.01
Casper, A. M.	Veterinary inspector, at \$1,500, \$1,600, \$1,800, and \$2,000.	1,708.34	68.35
Cloud, Joel E.	do.	1,594.45	25.25
Darling, Robert.	do.	1,716.68	310.30
Day, Charles M.	Veterinary inspector, at \$125 per month, \$1,600, \$1,800, and \$2,000.	1,708.34	50.30
Deming, Charles W.	Veterinary inspector, at \$1,500, \$1,800, and \$2,000.	983.34	
De Wolf, F. L.	Veterinary inspector, at \$1,500, \$1,600, \$1,800, and \$2,000.	1,716.68	79.15
Dowd, Edward P.	do.	1,666.68	79.90
Green, L. K.	do.	1,716.68	154.38
Irons, Geo. T.	do.	1,666.68	64.50
Kelly, James S.	do.	1,716.68	100.25
Long, Albert.	do.	1,666.68	112.29
Martins, Alfred F.	do.	1,683.34	178.23
Miller, Joshua.	Veterinary inspector, at \$1,500, \$1,800, and \$2,000.	1,683.34	93.93
Neil, Wesley N.	do.	1,783.34	182.12
Rishel, Albert E.	do.	1,783.34	288.15
Scott, Thomas W.	Veterinary inspector, at \$1,500, \$1,600, \$1,800, and \$2,000.	1,666.68	88.29
Shipley, T. A.	do.	1,716.68	138.24
Wallace, A. H.	Veterinary inspector, at \$1,500, \$1,800, and \$2,000.	1,702.78	352.95
Anderson, M. O.	Veterinary inspector, at \$1,500, \$1,600, and \$1,800.	1,650.00	41.16
Armstrong, Thos. L.	Veterinary inspector, at \$1,500, and \$1,800.	1,211.67	1.45
Atherton, I. K.	Veterinary inspector, at \$1,500, \$1,600, and \$1,800.	1,683.34	35.60
Atherton, O. G.	do.	1,683.34	55.10
Babcock, Henry C.	do.	1,625.00	
Baldwin, Boyd.	do.	1,675.00	
Bird, W. N. D.	do.	1,633.34	49.77
Boyce, Nelson V.	do.	1,625.00	79.55

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Braginton, Frederick.....	Veterinary inspector, at \$1,500, and \$1,800.....	\$1,650.00	\$31.25
Brister, Henry.....	Veterinary inspector, at \$1,500, \$1,600, and \$1,800.	1,048.34	.....
Bugbee, Clinton H.....	do.....	1,616.67	.....
Carnachan, Thomas W.....	do.....	1,658.33	64.90
Castor, Thomas.....	do.....	1,675.00	33.89
Chaney, Herbert B.....	do.....	1,629.17	220.75
Cooper, Dean G.....	do.....	1,641.66	.....
Cooper, W. Ross.....	do.....	1,675.00	.....
Davies, C. H.....	do.....	1,666.67	.....
Day, L. Enos.....	do.....	1,683.34	219.90
Eagle, R. F.....	do.....	1,616.67	87.89
Fegley, Nathan K.....	do.....	1,675.00	90.95
Grove, John S.....	do.....	1,625.00	47.60
Harrison, Robt. H.....	do.....	1,666.67	23.37
Hawley, H. W.....	do.....	990.00	.....
Hayes, John J.....	do.....	1,500.00	52.92
Hendren, Samuel G.....	do.....	1,650.00	.....
Hope, J. G.....	do.....	1,641.66	44.35
Hopkins, Fred W.....	do.....	1,158.34	.....
Hopper, John B.....	do.....	1,675.00	.....
Howes, Benjamin.....	do.....	1,666.67	65.43
Hynes, William R.....	do.....	1,500.00	.....
Johnson, Raymond.....	do.....	1,633.34	87.55
Lantz, M. S.....	do.....	1,375.00	.....
Lincoln, Willis B.....	do.....	1,023.89	291.37
McBride, Archibald.....	do.....	1,683.34	8.75
McCurdy, Frank C.....	do.....	1,625.00	.....
Mead, Rolla H.....	do.....	1,633.34	41.25
Meadors, W. H.....	do.....	1,290.56	236.25
Miller, Chester.....	do.....	1,633.34	119.05
Miller, Monroe B.....	do.....	1,625.00	.....
Morrison, Robt. J.....	do.....	1,625.00	9.25
Mullowney, Patrick H.....	do.....	1,454.16	50
Murphy, B. W., jr.....	do.....	1,625.00	.....
O'Leary, John P.....	do.....	1,683.34	18.84
Otterman, James L.....	do.....	1,625.00	1.95
Palmer, Chas. F.....	do.....	1,633.34	330.74
Patton, D. W.....	do.....	852.78	172.40
Paxson, H. D.....	do.....	1,675.00	.....
Price, John O. F.....	do.....	1,258.34	.....
Robinson, Louis A.....	do.....	1,293.34	18.47
Roome, Henry.....	do.....	1,585.41	312.24
Shumway, Daniel G.....	do.....	1,633.34	141.90
Siegmund, Wm. C.....	do.....	1,657.78	120.73
Smith, Herbert M.....	do.....	1,638.34	407.12
Snyder, O. W.....	do.....	1,683.34	28.65
Sparhawk, Wm. T.....	do.....	1,625.00	59.60
Stevens, Fred L.....	do.....	1,625.00	124.74
Swedberg, A. W.....	do.....	1,679.17	.....
Thackaberry, Jos. J.....	do.....	1,650.00	61.28
Thompson, Harry Q.....	do.....	1,658.33	137.94
Tuck, Richard W.....	do.....	1,625.00	91.77
Turnbull, Robert.....	do.....	1,633.34	.....
Walter, Harry K.....	do.....	1,633.34	132.13
Ward, Edward K.....	do.....	1,638.34	65.10
White, Thomas.....	Veterinary inspector, at \$1,500 and \$1,800.....	950.00	.....
Wight, Alex. E.....	Veterinary inspector, at \$1,500, \$1,600, and \$1,800.	1,308.33	.....
Worcester, W. W.....	do.....	1,625.00	266.85
Wright, John B.....	do.....	1,625.00	39.63
Bruette, W. A.....	Veterinary inspector, at \$1,500 and \$1,600.....	490.00	.....
Dillingham, W. I.....	do.....	468.33	.....
Greene, Theodore T.....	do.....	1,050.00	.....
Ryder, Herman R.....	do.....	867.78	19.67
Volgenau, Ernest L.....	do.....	370.00	8.27
Ball, Harry M.....	Veterinary inspector, at \$1,500.....	654.17	.....
Caldwell, Herbert.....	do.....	237.50	.....
Day, Wm. E.....	do.....	433.33	.....
Ellenberger, W. P.....	do.....	62.50	838.60



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hancock, H. J.	Veterinary inspector, at \$1,500.	\$1,175.00	.....
Hayes, Wm. R.	do.	125.00	.....
Jackson, R. E.	do.	125.60	\$496.34
Loveberry, Clarence	do.	137.49	4.50
Murphy, W. J.	do.	125.00	.....
Joss, E. C.	Veterinary inspector, at \$1,400, \$1,800, and \$2,000.	1,533.34	479.40
Montague, J. W.	do.	1,533.34	125.95
Andress, Wm. R.	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,390.00	.....
Barnhart, Chas W	Veterinary inspector, at \$1,400 and \$1,800.	1,500.00	.....
Benner, Willis G.	do.	1,500.00	86.30
Burneson, J. C.	do.	1,500.00	37.35
Burnett, D. Clifton	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,599.99	136.08
Cochrane, Robt. E.	Veterinary inspector, at \$1,400 and \$1,800.	1,472.77	11.58
Crossman, Edgar A.	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,550.00	73.75
Dell, Harry H.	Veterinary inspector, at \$1,400 and \$1,800.	1,500.00	47.91
De Ronde, John D.	do.	1,492.22	48.62
Durfee, Clarence O.	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,616.67	20.93
Eagle, Thomas J.	do.	918.33	.....
Eckl, Wm.	Veterinary inspector, at \$1,400 and \$1,800.	1,500.01	.....
Fotheringham, Wm.	do.	1,500.00	78.93
Gillies, Duncan R.	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,600.00	27.65
Grundy, Geo. G.	Veterinary inspector, at \$1,400 and \$1,800.	1,500.00	.....
Hollenbeck, John B.	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,616.66	30.15
Huntington, F. W.	Veterinary inspector, at \$1,400 and \$1,800.	1,600.00	99.07
Hyde, Andrew.	do.	1,500.00	.95
Jay, Robert.	do.	1,499.98	37.99
Jerome, Geo.	do.	1,500.00	24.62
Kanstoroom, D. S.	do.	1,500.00	.....
Keppel, John.	do.	1,500.00	1.30
Krowl, Isaac N.	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,274.99	.....
Leeper, Robt. B.	Veterinary inspector, at \$1,400 and \$1,800.	1,500.00	.....
Luks, A. E.	do.	1,500.00	36.14
McHugh, Wm. O.	do.	1,500.00	24.74
Madsen, Jens.	do.	1,500.00	.....
Mahon, James.	do.	1,500.00	33.88
Morrow, Chas. J.	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,599.99	46.35
Niles, Edwin P.	Veterinary inspector, at \$1,400 and \$1,800.	1,500.00	.....
Niven, Andrew B.	do.	1,500.00	27.73
Owen, F. D.	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	992.22	.....
Painter, Geo. D.	Veterinary inspector, at \$1,400 and \$1,800.	1,499.99	92.85
Perry, Milton T.	do.	1,500.00	32.68
Pote, Thomas B.	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,600.00	16.45
Powell, Norman C.	Veterinary inspector, at \$1,400 and \$1,800.	1,500.00	9.95
Reidy, John B.	do.	1,500.00	57.33
Rich, Theodore S.	do.	1,033.34	.....
Richmond, Kavla I.	do.	1,500.00	.....
Roe, John F.	do.	1,500.00	.....
Sappington, Morey A.	do.	1,500.01	67.85
Shaw, Silas L.	do.	1,500.00	.....
Slee, John G.	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,566.67	.....
Sloan, John A.	Veterinary inspector, at \$1,400, \$1,500, \$1,600, and \$1,800.	1,575.00	124.90
Stingley, Orville A.	Veterinary inspector, at \$1,400 and \$1,800.	1,500.00	24.20
Sturges, Frank P.	do.	1,500.00	30.59
Suit, F. T.	do.	1,500.01	29.17
Thomas, R. H.	do.	1,500.00	119.20
Timmerman, Herman J.	do.	1,500.00	.....
Trenbeth, Wm. B.	do.	1,029.45	.....
Walls, Alexander C.	do.	1,500.00	79.43
Winant, Frank I.	do.	1,500.00	97.30
Wootton, Wm. C.	do.	1,500.01	37.46
Bailey, Alfred L.	Veterinary inspector, at \$1,400 and \$1,600.	792.78	.....
Boazman, James B.	do.	866.67	.....
Hays, Daniel S.	do.	1,450.00	.....
Ruth, Adolph.	do.	1,100.00	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Weihe, Walter E.....	Veterinary inspector, at \$1,400 and \$1,600.....	\$1,112.21	.....
West, Laomer.....	Veterinary inspector, at \$1,400, \$1,600, and \$1,800.	1,458.88	\$526.37
Wiley, Morris C.....	Veterinary inspector, at \$1,400 and \$1,600.....	864.44	.....
Barnhart, Emmett, P.....	Veterinary inspector, at \$1,400.....	62.22	7.85
Bontrager, Chas. F.....	do.....	62.22	.....
Buck, John M.....	do.....	62.22	8.00
Cox, Walter P.....	do.....	54.44	.....
Dean, Arlton K.....	do.....	132.23	.....
De Fosset, Albert J.....	do.....	62.22	4.40
Everly, Ora W.....	do.....	610.55	.....
Fitzpatrick, A. C.....	do.....	1,400.01	.....
Gallagher, B. A.....	do.....	408.32	.....
Grimes, Robert B.....	do.....	350.00	.....
Hadley, Fred B.....	do.....	62.22	6.27
Haworth, Frank E.....	do.....	81.67	.....
Hela, Hannes.....	do.....	1,011.11	.....
Herrold, Wm. C.....	do.....	62.22	6.00
Holzman, W. R.....	do.....	42.78	.....
Kellog, Clarence F.....	do.....	42.78	.....
Laddey, John V.....	do.....	66.11	.....
Loffer, Solomon F.....	do.....	350.00	.....
McClelland, Robt. L.....	do.....	699.98	32.55
Myers, Harry H.....	do.....	62.22	.....
Nighbert, E. M.....	do.....	392.78	.....
Payne, Charles F.....	do.....	62.22	13.55
Pease, Edwin H.....	do.....	81.67	.....
Purcell, John T.....	do.....	186.67	.....
Raque, Charles A.....	do.....	245.00	443.22
Rhoades, Marion H.....	do.....	350.00	.....
Rogers, Arthur B.....	do.....	81.67	17.15
Sowers, Harry S.....	do.....	81.67	10.00
Thrower, John D.....	do.....	276.12	.....
Trone, Winson O.....	do.....	62.22	5.35
Bower, Walter C.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,800.	1,467.79	67.65
Bullock, Alfred D.....	Veterinary inspector, at \$1,200, \$1,600, and \$1,800.	1,333.33	68.89
Cooper, J. D.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,800.	1,483.34	.....
Elliott, Clarence L.....	do.....	1,483.33	.....
Gibbs, W. H.....	Veterinary inspector, at \$1,200 and \$1,800.....	923.33	3.00
Hirleman, Arden L.....	Veterinary inspector, at \$1,200, \$1,400, \$1,600, and \$1,800.	1,466.67	154.20
Keane, Jos. S.....	Veterinary inspector, at \$1,200, \$1,600, and \$1,800.	1,370.00	39.20
Knorr, George W.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,800.	1,483.34	31.40
Lewis, Walter K.....	Veterinary inspector, at \$1,200, \$1,400, \$1,600, and \$1,800.	1,442.23	.....
Logan, Albert H.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,800.	1,475.00	22.95
McKeown, Thomas H.....	Veterinary inspector, at \$1,200, \$1,500, and \$1,800.	1,400.00	193.55
Mauldin, C. E.....	Veterinary inspector, at \$1,200, \$1,600, and \$1,800.	673.33	.....
Myer, Elisha.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,800.	1,483.34	131.40
Otis, George M.....	Veterinary inspector, at \$1,200, \$1,400, \$1,600, and \$1,800.	1,433.88	30.42
Repp, Geo. E.....	Veterinary inspector, at \$1,200, \$1,600, and \$1,800.	1,333.33	49.60
Selby, Stephen A.....	Veterinary inspector, at \$1,200, \$1,400, \$1,600 and \$1,800.	1,383.33	89.55
Stuart, James T.....	Veterinary inspector, at \$1,200, \$1,400, and \$1,800.	1,575.00	25.50
Yingst, Walter H.....	do.....	1,483.34	.....
Anglicker, Jacob.....	Veterinary inspector, at \$1,200 and \$1,600.....	1,113.33	.....
Babson, S. C.....	do.....	836.67	.....
Baker, Howard.....	do.....	1,299.99	24.20
Balmer, Wm. N.....	do.....	1,300.00	40.68
Bender, John E.....	do.....	1,293.33	28.50

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Blount, Stephen L.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	\$1,433.34	\$99.93
Brady, Patrick J.	Veterinary inspector, at \$1,200 and \$1,600.	1,300.00	49.50
Bundy, Edward A.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	983.33	
Carle, Edward C.	Veterinary inspector, at \$1,200 and \$1,600.	900.00	
Cherrington, K. G.	do.	1,300.00	41.75
Cock, James H.	do.	1,053.33	
Cohenour, Wm. L.	do.	1,300.00	
Conway, Wm. T.	Veterinary inspector, at \$1,200, \$1,400 and \$1,600.	1,366.67	
Cummins, W. M.	Veterinary inspector, at \$1,200 and \$1,600.	700.00	
Davenport, Miles L.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,349.45	
Drake, Francis B.	Veterinary inspector, at \$1,200 and \$1,600.	1,277.78	
Eagle, John G.	do.	1,300.00	107.10
Farley, Abraham J.	do.	1,300.00	15.60
Faunce, A. L.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,283.33	101.81
Goff, Wesley M.	Veterinary inspector, at \$1,200 and \$1,600.	1,300.00	41.25
Graham, Ralph.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	749.45	
Gregory, Marvin.	Veterinary inspector, at \$1,200 and \$1,600.	1,300.00	29.55
Heldring, J. J. L.	do.	1,299.99	100.64
Herold, Charles H.	do.	1,300.00	
Hollis, Alfred B.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,353.33	
Holm, R. E.	Veterinary inspector, at \$1,200 and \$1,600.	1,300.00	
Isaac, Moses.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,433.34	
Johnston, C. A.	Veterinary inspector, at \$1,200 and \$1,600.	1,293.33	
Jones, Thomas A.	do.	1,300.00	
Kampschmidt, F. L.	do.	1,300.00	
Knowles, Adam T.	do.	996.67	
Licking, Lewis A.	do.	1,300.00	25.10
Lint, Hilton C.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,433.34	39.09
Mitchell, W. Clyde.	Veterinary inspector, at \$1,200 and \$1,600.	971.67	65.45
Murphy, Michael J.	do.	1,246.67	1,030.85
Owens, Irvin.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,425.00	
Parkerson, C. A., jr.	do.	1,283.33	43.77
Partlan, Thos. S.	Veterinary inspector, at \$1,200 and \$1,600.	1,300.00	
Perkins, C. R.	do.	1,300.00	20.97
Quinn, Patrick E.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,433.34	33.03
Raban, Robert M.	do.	1,366.67	33.07
Rapp, Chas. A.	Veterinary inspector, at \$1,200 and \$1,600.	1,300.00	
Reber, Abram N.	Veterinary inspector at \$1,200, \$1,400, and \$1,600.	1,073.89	
Rosekrans, Wm. R.	Veterinary inspector, at \$1,200 and \$1,600.	1,300.00	38.77
Sevenster, John.	do.	1,284.44	17.25
Smart, J. J.	do.	1,300.00	129.59
Stephens, Russell A.	do.	1,300.00	
Stewart, Charles A.	do.	870.00	213.14
Thomas, Reginald.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,152.22	14.80
Veldhuis, Zachary.	Veterinary inspector, at \$1,200 and \$1,600.	1,300.00	
Wagoner, C. Otto.	Veterinary inspector, at \$1,200, \$1,400, and \$1,600.	1,350.00	47.67
West, William L.	do.	1,093.90	381.58
Woolfolk, George H.	do.	1,283.33	34.90
Woollen, D. Murton.	do.	883.33	
Alexander, E. V.	Veterinary inspector, at \$1,200 and \$1,400.	216.67	
Allen, Frank T.	do.	1,250.00	211.00
Anderson, Fred N.	do.	1,133.33	19.32
Atherton, Wm. T.	do.	1,250.00	28.58
Aufente, John R.	do.	1,040.00	5.25
Bair, Henry H.	do.	780.00	
Baldwin, C. R.	do.	1,053.33	
Bann, Edwin.	do.	1,150.00	
Barr, Albert C.	do.	1,033.34	22.50
Barthold, E. W.	do.	1,250.00	26.00
Bennett, Edwin B., jr.	do.	1,250.00	
Berdan, Augustus.	do.	533.33	
Bond, Stanley L.	do.	1,150.00	12.70
Breckenridge, W. K.	do.	703.33	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Brinkamp, Frank F.....	Veterinary inspector, at \$1,200 and \$1,400.....	\$405.00	.....
Brock, Ralph O.....	do.....	926.67	\$65.44
Bromell, George W.....	do.....	1,250.00	.....
Buckner, Geo. W.....	do.....	766.67	.....
Burt, James H.....	do.....	1,250.00	.....
Bushong, J. P.....	do.....	916.67	.....
Butin, George E.....	do.....	1,250.00	175.25
Caldwell, G. R.....	do.....	896.67	.....
Calph, Edward J.....	do.....	1,236.67	83.60
Cater, Fred C.....	do.....	354.99	.....
Caughey, James B.....	do.....	766.67	.....
Chambers, Edgar.....	do.....	933.33	.....
Chase, Jesse M.....	do.....	1,083.33	.....
Clark, Clarence W.....	do.....	933.33	.....
Clement, Chas. B.....	do.....	1,050.00	18.35
Clements, Ralph L.....	do.....	950.00	17.39
Coffy, Joseph P.....	do.....	665.00	.....
Cole, Clarence G.....	do.....	1,196.67	.....
Coleman, Arthur T.....	do.....	901.11	.....
Collins, Frank H.....	do.....	946.67	.....
Collins, Horace R.....	do.....	766.67	21.25
Colson, Charles F.....	do.....	1,250.00	6.55
Cook, Stanley C.....	do.....	1,086.67	.....
Copithorn, Harry K.....	do.....	493.33	.....
Courtright, Wm. W.....	do.....	940.00	.....
Cowles, E. M.....	do.....	926.67	.....
Cullen, David.....	do.....	726.67	44.29
Daughtrey, Geo. H.....	do.....	348.33	.....
Davis, Wm. F.....	do.....	1,043.33	21.85
Davitt, Michael H.....	do.....	963.33	11.15
Deuell, Bert.....	do.....	963.33	.....
Dickey, Elvon S.....	do.....	1,150.00	.....
Dingley, Ernest C.....	do.....	950.00	.....
Doak, H. T.....	do.....	885.33	17.30
Eadie, John A.....	do.....	770.00	.....
Eagle, Alexander F.....	do.....	993.33	324.19
Eagle, William W.....	do.....	1,216.66	13.85
Echols, Byron C.....	do.....	706.66	.....
Ellis, James E.....	do.....	686.67	.....
English, Andrew.....	do.....	1,196.67	.....
Evans, Calvin S.....	do.....	933.33	.....
Fahey, John F.....	do.....	1,176.67	60.90
Fauteck, L. R.....	do.....	950.00	8.65
Fess, F. J.....	do.....	1,250.00	11.75
Fetter, Geo. E.....	do.....	933.34	42.22
Flaherty, George F.....	do.....	486.66	.....
Foster, Frank L.....	do.....	1,150.00	.....
Foster, John V.....	do.....	1,246.67	19.00
Franks, Joseph W.....	do.....	1,133.33	16.55
Gallagher, Francis L.....	do.....	1,087.22	.....
Gallagher, Peter J.....	do.....	928.34	.....
Games, William M.....	do.....	1,250.00	.....
Gilchrist, W. D.....	do.....	1,250.00	13.10
Giltner, Leigh T.....	do.....	1,250.00	.....
Glaisyer, W. V.....	do.....	331.67	.....
Gordon, Waldron M.....	do.....	1,250.00	.....
Goubchand, Geo. J.....	do.....	468.33	.....
Grace, Wm. A.....	do.....	438.34	.....
Greeder, Herman.....	do.....	236.67	.....
Guillaume, Michael.....	do.....	1,150.00	.....
Hackett, C. N.....	do.....	706.67	.....
Hackler, Henry D.....	do.....	950.00	.....
Hahn, Frank G.....	do.....	873.33	.....
Hart, Carroll P.....	do.....	1,250.00	.....
Hartman, John D.....	do.....	725.00	.....
Henneberger, W. B.....	do.....	1,246.67	.....
Henry, Michael F.....	do.....	1,133.33	.....
Hill, J. Bryan.....	do.....	666.67	.....
Hills, John V.....	do.....	893.33	.....
Hoberg, John.....	do.....	1,250.00	.....
Huff, Logan B.....	do.....	476.66	78.86

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hughes, Albert N.	Veterinary inspector, at \$1,200 and \$1,400.	\$338.34	
Hunt, Fred W.	do.	427.22	
Hunter, William R.	do.	923.33	\$27.76
Huth, Otto J.	do.	200.00	
Igoe, Edward J.	do.	1,100.00	
Imler, F. A.	do.	1,243.33	
Iverson, J. P.	do.	886.67	
Ives, Leland D.	do.	963.33	
James, John Alvin	do.	963.33	
James, Philip M.	do.	946.67	26.19
Jameson, Edward F.	do.	1,150.00	
Jelen, Frank.	do.	1,250.00	196.10
Jerome, Chas. A.	do.	143.34	
Jones, Thomas B.	do.	266.67	
Jones, Thomas H.	do.	1,250.00	2.50
Joss, Jesse W.	do.	886.67	11.05
Kean, Thos. J.	do.	950.00	
Kennedy, E. D.	do.	716.67	74.90
Kickbusch, Frank O.	do.	656.67	
Knowles, Virgil W.	do.	236.67	
Koen, Albert R.	do.	1,250.00	46.32
Krause, Clarence A.	do.	920.55	
Lacy, Walter J.	do.	1,122.77	74.85
Ladson, Thomas A.	do.	1,100.00	33.57
Leininger, Daniel B.	do.	1,150.00	
Leonard, Harry B.	do.	1,250.00	24.25
Lindburg, O. Enoch	do.	1,246.67	45.60
Little, Elbert W.	do.	1,200.00	
Livers, Roy C.	do.	1,246.67	26.10
Loth, Henry	do.	926.67	
Lundell, Alvin O.	do.	1,250.00	4.58
Lyon, William A.	do.	986.67	
McCarthy, Thos. A.	do.	1,016.66	
McCauley, Robert A.	do.	1,250.00	
McCray, Willis E.	do.	1,250.00	
McEachran, Wm.	do.	1,250.00	75.60
Madson, Wm. E.	do.	1,250.00	
Maloney, Alfred J.	do.	1,133.33	98.27
Mansfield, Chas. M.	do.	166.67	
Marquardt, S. J.	do.	450.00	
Martin, James I.	do.	766.67	
Mason, W. D.	do.	921.67	
Mawer, George C.	do.	920.00	19.90
Mayer, Oliver C.	do.	483.33	
Mayes, James M.	do.	1,200.00	
Megary, Jos. N., jr.	do.	893.33	
Merry, Albert E.	do.	433.33	
Meyer, Philip F. R.	do.	1,050.00	16.95
Michael, Leo. B.	do.	1,103.33	
Middleton, Wm. G.	do.	583.33	33.40
Miner, George H.	do.	1,250.00	
Minge, Benj. O.	do.	750.00	20.00
Mullings, Robt. M.	do.	960.00	
Murdock, Dawson C.	do.	1,246.67	
Neff, George W.	do.	686.67	
Nelligan, Walter	do.	827.22	
Nelson, Conrad L.	do.	993.33	
Nelson, Oscar	do.	890.00	
Newberg, Geo. C.	do.	1,150.00	10.05
Newton, Howard M.	do.	1,246.67	135.05
O'Donoghue, John	do.	576.67	
Oldaker, Emery E.	do.	607.22	
Palmer, L. I.	do.	910.00	63.90
Peabody, Horace C.	do.	739.44	
Pfaffman, Geo. A.	do.	978.34	
Pollard, Wm. S.	do.	1,063.33	34.07
Potratz, Henry F.	do.	1,068.34	
Potter, Geo. M.	do.	437.78	
Potts, Fred W.	do.	943.33	
Predmore, G. M.	do.	316.67	
Proper, L. J.	do.	862.22	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Renter, Walter W.....	Veterinary inspector, at \$1,200 and \$1,400.....	\$118.89	.....
Rice, Robt. G.....	do.....	963.33	.....
Riddell, Theodore W.....	do.....	613.33	.....
Roadhouse, Chester L.....	do.....	1,150.00	\$25.70
Robbins, Hartwell.....	do.....	756.12	.....
Rodibaugh, Alfred B.....	do.....	926.67	.....
Rodibaugh, Samuel J.....	do.....	715.00	.....
Rosenberger, Guy W.....	do.....	933.33	.....
Roser, Joseph F.....	do.....	780.00	.....
Rothermel, Robt. O.....	do.....	801.67	36.87
St. Clair, Frank P.....	do.....	1,246.67	11.00
Sallade, James W.....	do.....	705.56	.....
Saunders, Fred.....	do.....	950.00	.....
Schaefer, Edward H.....	do.....	1,200.00	.....
Schmidt, John P.....	do.....	923.33	17.93
Scott, Preston B.....	do.....	1,068.33	.....
Seitz, Elmer E.....	do.....	748.33	.....
Selby, Joseph V.....	do.....	903.33	.....
Shale, Harvey L.....	do.....	1,243.34	23.25
Shaw, Edgar B.....	do.....	926.67	.....
Simpson, Wm. H.....	do.....	933.33	.....
Singleton, Henry.....	do.....	750.00	.....
Skidmore, Don I.....	do.....	1,250.00	23.70
Skrable, Frank L.....	do.....	850.00	76.34
Smith, Arthur W.....	do.....	940.00	.....
Smith, Ernest I.....	do.....	950.00	.....
Smith, Howard E.....	do.....	1,236.67	21.50
Smith, J. M.....	do.....	933.33	.....
Smith, Jesse P. F.....	do.....	993.33	.....
Smith, Wm. M.....	do.....	786.67	36.90
Somerville, Saml., jr.....	do.....	1,206.67	18.97
Sorrell, Walter.....	do.....	500.00	186.55
Soule, Albion M. M.....	do.....	753.33	.....
Spear, W. H.....	do.....	950.00	.....
Spindler, John E.....	do.....	780.00	.....
Springer, Saml. E.....	do.....	963.33	.....
Stafford, Joseph.....	do.....	1,150.00	36.42
Stillwell, John D.....	do.....	336.67	.....
Swanson, Chas. A.....	do.....	1,020.00	.....
Tade, James M.....	do.....	402.22	.....
Talbert, Joseph F.....	do.....	933.33	5.20
Thomas, Arend J.....	do.....	933.33	8.13
Tower, Elmer E.....	do.....	973.33	.....
Townley, Henry D.....	do.....	940.00	.....
Treman, Walter.....	do.....	1,150.00	.....
Van Ailstynne, Wm. C.....	do.....	703.33	.....
Veit, William.....	do.....	1,200.00	.....
Verduin, F. J.....	do.....	750.00	.....
Vermillion, R. C.....	do.....	713.33	.....
Vermilya, Ralph F.....	do.....	435.56	.....
Walton, Charles M.....	do.....	708.89	.....
Washburn, Leo.....	do.....	916.67	125.54
Weagly, C. B.....	do.....	710.00	214.69
Webster, John H.....	do.....	1,040.00	173.35
Weeks, Lewis C.....	do.....	880.00	34.85
Whipple, Fredk. R.....	do.....	886.67	.....
White, Jesse H.....	do.....	1,250.00	.....
Whiting, Rex A.....	do.....	1,176.67	.....
Wilbur, B. R.....	do.....	943.33	.....
Williams, Jesse B.....	do.....	1,135.00	.....
Woodward, B. T.....	do.....	1,117.77	.....
Yager, E. P.....	do.....	790.55	.....
Yenner, Benjamin H.....	do.....	1,250.00	.....
Zollinger, J. H.....	do.....	750.00	.....
Arnold, Thomas F.....	Veterinary inspector, at \$1,200.....	420.00	.....
Aitchison, James G.....	do.....	1,000.00	11.60
Baumann, E. H.....	do.....	646.67	462.98
Block, D. Eugene.....	do.....	713.33	.....
Bowers, John F.....	do.....	490.00	.....
Bowlus, Lawrence W.....	do.....	546.67	.....
Broadwell, John M.....	do.....	916.67	.....



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Brown, Levi F.....	Veterinary inspector, at \$1,200.....	\$183.33	
Brown, Wm. A.....	do.....	16.67	
Bunting, Elwood B.....	do.....	976.67	
Burnett, Theodore A.....	do.....	426.66	
Caldwell, Harry.....	do.....	473.33	
Campbell, Lawrence.....	do.....	23.33	
Casey, Charles M.....	do.....	830.00	
Champlain, Lloyd.....	do.....	330.00	
Cole, Guy T.....	do.....	606.67	
Collins, Daniel E.....	do.....	510.00	
Collom, William B.....	do.....	763.34	
Conley, Charles C.....	do.....	200.00	
Craven, Evert C.....	do.....	700.00	
Cravens, Lewis H.....	do.....	553.33	
Dade, J. S.....	do.....	593.33	\$23.95
Daugherty, W. A.....	do.....	870.00	3.10
Davis, Benjamin F.....	do.....	150.00	
Deckard, I. K.....	do.....	100.00	
Dorney, Albert H.....	do.....	620.00	
Drummond, Robt. H.....	do.....	23.33	
Duenner, Robt. H.....	do.....	206.67	
Dunn, Charles W.....	do.....	173.33	
Dunn, Louis J.....	do.....	853.33	
Edwards, Warren T.....	do.....	890.00	
Fauks, Carl H.....	do.....	243.33	
Ferley, John T.....	do.....	873.33	
Ferneyhough, Robt. E.....	do.....	253.33	
Fisk, A. G.....	do.....	496.67	22.00
Fox, W. W.....	do.....	500.00	
Fretz, H. L.....	do.....	76.67	75.75
Galt, Sid.....	do.....	173.33	13.15
Gaston, John T.....	do.....	253.33	
Gibson, Jonathan E.....	do.....	403.34	
Giles, William W.....	do.....	806.67	
Glenn, Harry H.....	do.....	500.00	
Glennon, Harry J.....	do.....	363.33	
Hansen, Ingild.....	do.....	606.67	
Hart, Clarence E.....	do.....	876.67	
Hedley, Clarke.....	do.....	160.00	
Henderson, E. P.....	do.....	526.67	
Henrickson, Henry J.....	do.....	896.67	
Hill, M. V.....	do.....	870.00	
Hogan, Edwin A.....	do.....	876.67	
Huebschmann, John.....	do.....	253.33	
Hughes, Mearl W.....	do.....	740.00	
Humphrey, E. H.....	do.....	613.33	
Huntsberger, S. E.....	do.....	706.66	
Hurt, Leslie M.....	do.....	230.00	
Ingmand, J. E.....	do.....	320.00	
Ingram, S. R.....	do.....	823.33	5.80
Jansman, Edward B.....	do.....	220.00	
Johnson, Augustus F.....	do.....	296.67	
Johnson, Edward P.....	do.....	463.33	
Johnston, G. A.....	do.....	910.00	11.95
Johnston, Samuel H.....	do.....	510.00	
Juckneiss, Paul.....	do.....	443.33	
Kay, Gustave A.....	do.....	700.00	22.40
King, Roland T.....	do.....	633.33	
Kinter, Joseph B.....	do.....	1,000.00	
Korfhagen, Harry J.....	do.....	110.00	
Laden, James F.....	do.....	900.00	
La Rue, Edgar N.....	do.....	243.33	
Lash, Elmer.....	do.....	23.33	
Lawrence, Howard L.....	do.....	596.62	48.26
Lentz, William J.....	do.....	16.67	
Loffer, Solomon F.....	do.....	143.33	
McCollum, Peter L.....	do.....	150.00	6.62
McGurty, O. J.....	do.....	23.33	
McKenney, Ashton D.....	do.....	716.67	
McKillip, D. W.....	do.....	523.33	
McLean, Wm. C.....	do.....	893.34	69.70

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McLeod, Edward J. . . . .	Veterinary inspector, at \$1,200. . . . .	\$853.33	
McPhillips, William. . . . .	do	463.33	
Marshall, Henry. . . . .	do	660.00	
Marshall, Leslie G. . . . .	do	524.17	\$4.40
Martin, Robert M. . . . .	do	553.33	
Mayer, Henry N. . . . .	do	453.33	
Mendenhall, M. H. . . . .	do	873.33	
Miller, T. I. . . . .	do	200.00	
Mollan, P. A. . . . .	do	200.00	
Moloney, James J. . . . .	do	923.33	
Moyer, Oliver R. . . . .	do	700.00	31.52
Mulick, J. M. . . . .	do	256.67	
Murphy, Daniel S. . . . .	do	103.34	
Murphy, Joseph W. . . . .	do	690.00	
Musser, Robt. C. . . . .	do	100.00	54.35
Myers, Henry H. . . . .	do	400.00	
Myers, Willis A. . . . .	do	430.00	
Olbeter, Rudolph M. . . . .	do	190.00	
Olsen, O. C. . . . .	do	300.00	
Osborn, George M. . . . .	do	300.00	
Parker, Julian J. . . . .	do	550.00	
Paul, Arthur . . . . .	do	210.00	647.74
Peabody, C. H. . . . .	do	300.00	
Pearson, Albert A. . . . .	do	213.33	
Peck, Edwin J. . . . .	do	333.33	
Pohl, Emil. . . . .	do	900.00	
Price, John W. . . . .	do	300.00	
Prien, Otto L. . . . .	do	613.33	
Reasner, Wm. F. . . . .	do	136.67	
Reinert, Daniel E. . . . .	do	876.67	
Rhoades, Marion H. . . . .	do	776.67	
Reitz, John H. . . . .	do	306.67	
Rigdon, Scott J. . . . .	do	366.67	
Robertson, Andrew. . . . .	do	853.33	
Rockwell, Clarence S. . . . .	do	900.00	
Rosenberger, M. . . . .	do	200.00	644.18
Roueché, Ross C. . . . .	do	436.67	
Rozell, Wm. O. . . . .	do	150.00	
Ruth, Erwin C. . . . .	do	243.33	
Schloemer, August . . . . .	do	173.33	
Schmitt, Chas. . . . .	do	366.67	
Schofield, Major . . . . .	do	300.00	569.61
Shaffer, Fred W. . . . .	do	223.33	
Shaw, John . . . . .	do	280.00	
Shend, S. K. . . . .	do	413.33	
Sherman, J. P. . . . .	do	570.00	
Silfoer, Oscar . . . . .	do	84.00	
Smith, Henry V. . . . .	do	700.00	
Snyder, E. J., jr. . . . .	do	73.33	
Stafford, R. J. . . . .	do	590.00	
Steele, Joseph G. . . . .	do	720.00	
Stephens, S. H. . . . .	do	1,156.67	
Stever, Arthur C. . . . .	do	253.33	
Stewart, Mark A. . . . .	do	190.00	
Thomas, George E. . . . .	do	186.67	
Thornton, E. L. . . . .	do	253.33	
Tiffany, J. B. . . . .	do	216.67	
Treloar, D. C. . . . .	do	483.34	
Veenstra, John Y. . . . .	do	230.00	
Walmer, Morris H. . . . .	do	700.00	
Ward, G. R. . . . .	do	1,196.67	39.00
Watkins, Spencer E. . . . .	do	996.67	15.05
Weaver, William P. . . . .	do	393.33	
Wellner, Herman . . . . .	do	900.00	
Williams, Herbert S. . . . .	do	456.67	
Williams, Mark D. . . . .	do	890.00	11.30
Winnes, H. C. . . . .	do	63.33	
Woodroffe, H. A. . . . .	do	56.67	
Yoder, E. C. . . . .	do	290.00	
Young, George D. . . . .	do	376.67	
Graham, Alex E. . . . .	Chemist, at \$1,500. . . . .	1,175.00	210.60

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, Wm. B.	Chemist, at \$1,400	\$1,166.67	
Hoagland Ralph	Expert assistant in analytical chemistry at \$1,400	1,061.67	
Boyer, E. A.	Expert assistant in analytical chemistry, at \$900, and chemist, at \$1,200	912.50	\$68.20
Roop, Archer H.	Laboratory inspector, at \$1,200	100.00	
Balzer, Emil	Microscopist, at \$1,400, and inspector, at \$1,800	1,566.66	
Williams, Mary E.	Assistant microscopist, at \$2.10 per diem	119.70	
Swanger, Chas. H.	Scientific assistant, at \$1,200	650.00	
Marsh, Clarence T. N.	Scientific assistant, at \$1,000	479.23	
Carhart, Edward R.	Special agent, at \$5 per diem	140.00	12.00
Burch, S. Royden	Special agent, at \$1,000	111.11	
Bouchner, Geo. H.	Live stock agent, at \$900	210.00	
Watson, Arda	Live stock agent, at \$900, and stock examiner, at \$1,200	1,012.50	
Byers, John D.	Expert assistant in meat inspection, at \$1,400	1,022.78	391.29
Groh, William	do	906.11	224.08
Scarlet, Thomas	Agent in meat inspection, at \$1,000	497.23	
Blume, Rufus B.	Meat inspector, at \$1,000, and veterinary inspector, at \$1,200 and \$1,400	846.11	6.23
Lee, Frank P.	Meat inspector, at \$1,000 and \$1,400	808.33	271.05
Shields, Hugh	Meat inspector, at \$1,000, and expert assistant in meat inspection, at \$1,400	988.89	260.18
Benjamin, Frank E.	Meat inspector, at \$1,000 and \$1,200	700.00	65.50
Callahan, John J.	do	755.56	3.17
Crow, H. M.	do	783.33	5.05
Garbi, Louis, sr.	do	822.22	7.00
Gibson, James	do	841.66	174.99
Herrick, Henry B.	do	777.77	45.55
Hopkins, Percy R.	do	783.33	33.30
Hurley, John	do	777.77	2.00
Jackson, Freeman H.	do	816.66	69.20
Jennings, Wm. E.	do	794.44	15.95
McCarty, Wm. F.	do	783.33	4.70
Ramsdell, Harry R.	do	800.00	25.43
Rathman, Fred J.	do	802.77	10.15
Riemer, Julius F.	do	783.33	14.90
Sartor, Scott	do	841.68	9.50
Sullivan, Wm. D.	Meat inspector, at \$1,000, and veterinary inspector, at \$1,200	950.00	22.97
Tindall, Wm. S.	Meat inspector, at \$1,000 and \$1,200	791.66	24.10
Abbe, Clarence M.	Meat inspector, at \$1,000	750.00	11.08
Abbot, Everett W.	do	649.99	43.48
Abraham, Jacob	do	738.89	
Ackerknecht, Chas. A.	do	769.44	36.99
Adams, Charles	do	750.00	
Adams, Wm. H.	do	769.44	
Albert, Frank A. B.	do	250.00	
Alden, Chas.	do	833.34	56.85
Allan, James A.	do	769.44	35.85
Allcutt, Clemmons T.	do	305.56	
Allott, L. J.	do	750.00	30.35
Auck, William H.	do	283.33	
Andreas, Oscar	do	750.00	
Andrews, Thomas A.	do	769.44	86.90
Angel, John F.	do	761.11	
Anthony, Geo. A.	do	111.12	
Anthony, James R.	do	825.00	
Apperson, Joseph E.	do	750.00	
Archer, Edward A.	do	436.11	
Arnett, James B.	do	808.33	
Arnold, Raymond	do	747.23	
Ashcroft, Wm. M.	do	250.00	
Atwell, Frank M.	do	166.67	
Auer, Chas. T.	do	800.00	
Augusterfer, John A.	do	769.44	22.45
Aulds, Thomas	do	750.00	
Avey, Jesse J.	do	83.34	
Bagby, E. E.	do	213.90	
Bailey, Wm. S.	do	58.33	
Baker, Troy H.	do	755.56	46.87



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ballantine, John	Meat inspector, at \$1,000	\$758.33	
Balliet, Edward R.	do	750.00	
Banker, Richard R.	do	833.34	
Barnaby, Emory F.	do	613.90	
Barr, Walter S.	do	750.00	
Barranger, Joseph E.	do	255.55	
Barry, Patrick T.	do	750.00	
Bateman, Roy L.	do	761.11	\$2.00
Bauer, John M.	do	352.78	
Bauer, Michael	do	763.89	
Baumeister, Gustav	do	38.89	
Bayler, Theo. M.	do	794.44	8.95
Beatty, Wm. A.	do	744.45	49.85
Beaudette, Horace F.	do	763.89	
Bechtel, Charley O.	do	750.00	
Beck, Everett W.	do	750.00	
Beck, Jacob	do	161.12	
Behrens, Alfred D.	do	666.66	330.50
Bell, Edward A.	do	750.00	
Bennett, John	do	769.44	
Benninger, Fred C.	do	758.33	
Benson, Robert	do	797.22	
Berry, Oliver W.	do	758.33	
Bestwick, Francis T.	do	433.34	
Bevins, Joseph F.	do	750.00	
Beymer, C. B.	do	684.72	
Billington, Wm. J.	do	758.33	
Binz, Frank K.	do	513.89	
Birce, George	do	763.89	
Birce, Joseph	do	763.89	
Bischof, Julius	do	726.39	
Blake, Walter H.	do	755.56	
Blakley, David	do	83.34	
Bleistein, Wm. F.	do	750.00	
Blowers, William J.	do	744.45	6.20
Blundell, Wm. L.	do	302.78	
Boals, Thomas M.	do	727.78	10.08
Boatman, Clay	do	163.90	
Boehm, H. A.	do	747.23	
Boehm, Joseph H.	do	197.23	
Bolden, R. E.	do	302.78	
Bowers, Benjamin F.	do	500.01	
Bowser, Edwin B.	do	16.67	21.10
Boyd, Robert	do	250.00	
Boyle, Chas. F.	do	738.89	
Boyle, Herman E.	do	833.34	
Boyle, James	do	758.33	
Boyle, Oscar S.	do	750.00	
Boyle, Thomas M.	do	750.00	8.65
Brackin, Peter J.	do	47.22	
Breakey, James J.	do	769.44	12.35
Brennan, Anthony P.	do	802.78	
Brennan, Michael J.	do	758.33	
Brennan, Thomas A.	do	761.11	14.30
Brockhoff, Frederick	do	133.34	
Brokenshar, Benj.	do	333.34	
Brooks, Williard H.	do	769.44	
Brosard, John	do	141.66	
Brown, James L.	do	738.89	
Brown, Robert E.	do	769.44	
Brown, Richard H.	do	769.44	
Brown, Thomas P.	do	769.44	
Browne, Wm. F.	do	750.00	10.27
Bruce, John G.	do	166.67	1.10
Bruce, Philip H.	do	808.33	
Brutt, Herman W.	do	652.78	
Bryan, Walter N.	do	755.56	50.72
Bryant, Levi	do	808.33	
Buckley, Michael J.	do	769.44	
Bucknam, Geo. H.	do	425.00	
Bucknam, Wm. D.	do	808.33	93.39

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bugele, George T.	Meat inspector, at \$1,000	\$758.33	
Bull, F. A.	do	747.23	
Burbank, Thomas H.	do	702.78	\$16.00
Burcham, Devirda H.	do	788.89	
Burchill, George D.	do	761.12	
Burkin, Charles F.	do	758.33	
Burnes, James M.	do	666.67	
Burroughs, James W.	do	788.89	
Busch, John F.	do	888.89	
Butow, Charles J.	do	486.11	
Byrnes, Peter J.	do	438.89	
Byron, Wm. J.	do	133.34	
Callahan, Andrew T.	do	769.44	
Callanan, James F.	do	497.23	
Campbell, Chas. M.	do	761.11	13.99
Canniff, John.	do	788.89	
Canty, Patrick E.	do	747.23	5.65
Cappell, John.	do	480.56	46.51
Carbray, John.	do	780.56	
Carey, Jeremiah J.	do	763.89	
Carey, Patrick L.	do	769.44	
Carligen, Chas. E.	do	802.78	25.05
Caron, Emery.	do	750.00	
Carpenter, Albert H.	do	47.22	
Carrigan, James M.	do	769.44	34.15
Carroll, Christopher.	do	508.34	
Carroll, Edward M.	do	83.34	
Cartmill, Lewis J.	do	808.33	
Carver, Edward S.	do	750.00	
Carver, Patrick P.	do	780.56	
Casey, Charles.	do	758.32	
Casey, Robert M.	do	722.21	
Casey, Thos. A.	do	755.56	
Casserly, Timothy.	do	747.23	
Cervantes, A. A.	do	188.89	
Chadima, J.	do	186.11	139.85
Chapman, W. A.	do	761.11	
Cherniss, David B.	do	833.34	
Clancy, S. J.	do	775.00	
Clark, Ed. H.	do	763.89	
Clark, Geo. E.	do	266.67	
Clark, Louis.	do	500.00	
Clohesy, Edwin J.	do	769.44	1.80
Cole, Charles C.	do	769.44	10.11
Collier, William P.	do	794.44	
Collins, Patrick.	do	738.89	
Collins, Patrick.	do	211.11	
Colvin, Will P.	do	300.00	
Condon, Peter J.	do	666.68	
Conklin, William D.	do	750.00	
Conlon, Edward G.	do	666.66	
Connelly, Alonzo.	do	761.11	11.40
Connor, Michael O.	do	750.00	
Connors, John J.	do	133.34	
Cook, Elisha B.	do	794.44	1.45
Cook, John F.	do	477.78	
Coppock, David M.	do	763.88	3.45
Corcoran, Patrick J.	do	191.67	
Cornyn, John J.	do	786.11	70.20
Cory, Robert M.	do	377.78	
Cossar, Geo. R.	do	58.33	
Costello, M. J.	do	266.67	
Cowan, Joseph.	do	758.33	
Crahan, Thomas W.	do	761.11	
Crandall, Homer E.	do	833.34	
Crawford, Frank R.	do	719.44	
Crawford, John W.	do	763.89	90.92
Crayne Charles E.	do	738.89	
Creighton, Frank.	do	561.11	16.80
Creighton, George.	do	750.00	
Cronin, John J.	do	50.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Crosby, Joseph A.	Meat inspector, at \$1.000	\$761.11	
Cross, Harry G.	do	272.22	
Crowley, John T.	do	780.56	\$7.95
Crowley, Timothy M.	do	266.67	
Cummings, James H.	do	747.22	9.15
Cummins, Daniel G.	do	758.32	
Cunningham, B. J.	do	738.89	
Curless, U. S. G.	do	766.67	
Curran, Joseph J.	do	750.00	
Curran, Thomas	do	825.01	35.85
Daley, Dennis J.	do	750.01	
Daley, James A.	do	750.00	.90
Daly, John J.	do	111.12	
Daly, Joseph J.	do	763.89	
Daly, Wm. H.	do	750.00	
Danner, Henry G.	do	788.89	
Dasback, Harry A.	do	125.01	
Davis, Warren H.	do	766.67	12.00
Davis, William R.	do	750.00	9.75
De Bow, James F.	do	750.00	
Decker, John W.	do	825.00	
Dengler, Chas. L.	do	750.00	
Denney, Geo. W.	do	499.99	
Dennis, Jesse T.	do	808.33	
Desmond, Timothy J.	do	761.11	70.20
Detweiler, Horace S.	do	66.67	
Devany, Thomas	do	833.34	19.06
Devine, Matthew	do	158.33	
Dickey, Geo. F.	do	19.44	
Dinkelberg, Philip J.	do	763.89	8.17
Dischner, Henry	do	208.34	
Dischner, John E.	do	769.44	
Dixon, Frank J.	do	758.33	14.60
Dixon, Frank T.	do	750.00	
Dixon, Joseph C.	do	758.33	
Dobler, Robert J.	do	761.11	
Doherty, Patrick H.	do	211.11	
Domnosky, Herman G.	do	763.89	32.15
Donahue, Walter J.	do	761.11	1.30
Donnellan, Thomas	do	408.34	
Donovan, James E.	do	222.23	
Donovan, John P.	do	808.33	
Doody, Wm. E.	do	211.12	
Dougherty, Frank P.	do	794.44	
Doyle, James C.	do	747.23	
Doyle, John F.	do	738.89	
Doyle, Patrick F.	do	769.44	57.70
Drout, James E.	do	833.34	2.00
Drown, Chas. S.	do	747.23	8.65
Duclos, Alfred E.	do	786.11	
Duffy, John L.	do	375.01	35.10
Durfor, Walter	do	388.90	
Dwyer, Frank H.	do	211.11	
Dykstra, Frank J.	do	755.56	10.90
Eddy, Arthur F.	do	808.33	3.00
Egan, Henry J.	do	83.34	
Eikerenkatter, E. A.	do	802.78	
Eisenmenger, L. A.	do	747.23	
Elledge, Charles	do	750.00	
Ellis, Samuel B.	do	213.88	
Emerick, George A.	do	724.99	
Erler, Gustav A.	do	750.00	
Espenlaub, David F.	do	794.44	
Espey, Ora E.	do	769.44	45.15
Esslinger, E. F. G.	do	702.78	69.25
Evans, Timothy J.	do	750.00	71.10
Ewald, Edward W.	do	769.44	
Eyssen, William P.	do	750.00	7.60
Fagan, Thomas W.	do	416.67	
Fair, Joseph F.	do	302.78	
Falk, William	do	750.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fallon, John	Meat inspector, at \$1,000	\$152.78	
Farrell, John H.	do	141.66	
Farthing, Clyde L.	do	738.89	\$4.60
Fassbender, Frank H.	do	833.34	
Faul, Frank J.	do	250.00	
Faunce, Charles S.	do	750.56	5.12
Feeney, B. J.	do	25.00	
Feeney, John F.	do	769.44	
Feeney, Patrick J.	do	294.44	
Fegan, James.	do	755.56	64.30
Feicker, Paul.	do	533.34	
Fein, John H.	do	172.23	
Fennell, Charles A.	do	738.89	
Ferguson, R. B.	do	750.00	45.45
Ferrin, Chas. A.	do	780.56	
Ferris, John.	do	466.66	
Feucht, C.	do	650.00	
Finnegan, Patrick	do	677.78	
Finnegan, Peter J.	do	208.34	
Fischbeck, Wm. F.	do	769.44	7.92
Fish, Charles S. B.	do	750.00	3.75
Fisher, Herbert M.	do	750.00	
Fisk, Manuel.	do	722.22	27.65
Fitzgerald, James A.	do	259.71	
Fitzgerald, James H.	do	758.33	
Fitzgerald, John J.	do	763.89	
Fitzgerald, M. J.	do	758.33	
Fitzpatrick, John A.	do	627.78	
Flaitz, Chas. W.	do	794.44	
Flannagan, Frank J.	do	833.34	
Flége, Louis W.	do	498.89	
Fleischauer, Hugo	do	750.00	
Flory, Art.	do	172.23	
Flynn, James J.	do	750.00	
Foley, Daniel F.	do	752.77	
Follmer, V. E.	do	747.23	
Folmer, H. Clayton	do	747.23	
Folster, Fred W.	do	477.78	
Fortner, Wm. W.	do	750.00	24.35
Fortune, John J.	do	111.12	
Foster, John E.	do	750.00	
Foster, James R.	do	258.34	47.40
Foster, W. F.	do	572.22	
Francisco, Charles	do	163.89	
Frank, Chas. A.	do	750.00	2.90
Franzman, Peter A.	do	741.67	
Frazer, Harry L.	do	58.33	
French, Alexander W.	do	750.00	
Frett, Peter W.	do	750.00	
Frey, Ferdinand	do	769.44	15.45
Fritsch, Fred J.	do	105.56	
Fulmer, Samuel C.	do	747.23	
Funke, Charlie.	do	761.11	70.20
Gagner, Alex. L.	do	230.56	
Galbreath, Chas. H.	do	125.01	
Gall, August.	do	355.56	
Gallagher, Hugh J.	do	780.56	26.15
Gallagher, James E.	do	744.45	
Gannon, Joseph.	do	800.00	
Garland, James T.	do	58.33	
Garrigan, John W.	do	738.89	
Garrity, Michael H.	do	758.33	
Gaunt, Samuel M.	do	769.44	
Geddes, Geo. E.	do	766.67	
Geertsema, B. H.	do	769.44	
Gent, Alfred.	do	508.32	23.15
George, Edward.	do	80.56	
Gibson, Charlie R.	do	750.00	
Gibson, Thos. H.	do	825.00	
Gidney, Charles A.	do	833.34	7.00
Gidney, Walter M.	do	769.44	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Giffin, Charles A.	Meat inspector, at \$1,000	\$55.56	
Gilgenberg, Anthony	do.	516.67	
Gilmore, Harry B.	do.	177.78	
Gitzinger, Chas. R.	do.	686.10	
Gleason, Philip W.	do.	497.21	
Glenn, Perry C.	do.	758.33	\$34.15
Godbout, Medrick	do.	50.00	
Goodrich, Edgar	do.	499.99	
Gordon, Harris F.	do.	808.33	
Gore, Thomas	do.	833.34	
Gorman, John J.	do.	758.33	
Gossi, Balthasar	do.	758.33	
Gowe, Clarence B.	do.	158.34	
Grace, Frank D.	do.	747.23	
Graebner, George S.	do.	125.01	
Graham, Harry A.	do.	305.56	
Graham, Leroy B.	do.	730.56	
Green, Francis P.	do.	738.89	
Green, Arthur W.	do.	758.33	
Greenlaw, Walter A.	do.	747.23	
Greenough, A. F.	do.	33.33	
Gregory, Chas. A.	do.	58.33	
Grier, Robt. G.	do.	838.89	
Grimm, Charles H.	do.	166.67	
Grimes, Edw. B.	do.	808.33	
Grother, Wm. J.	do.	841.67	
Grumewald, C. L.	do.	750.00	
Gruener, J. Peter	do.	761.11	27.75
Gsell, Anton G.	do.	761.11	
Guerin, Michael J.	do.	780.56	
Haas, Charles C.	do.	188.89	
Hacker, Charles	do.	788.89	
Hafner, George	do.	750.00	
Haines, A. R.	do.	493.05	
Hall, T. E.	do.	750.00	25.55
Hall, Willard W.	do.	750.00	
Hallett, Richard C.	do.	750.00	
Hamilton, Andrew	do.	758.33	
Hams, John M.	do.	83.33	
Hancock, John	do.	752.77	
Hand, Harry E.	do.	761.11	11.37
Handren, J. S.	do.	808.33	
Hanlon, Barney O.	do.	11.11	
Hanrahan, John	do.	399.99	
Hans, John W.	do.	844.45	1.45
Hansen, John Henry	do.	763.89	
Hanson, Adolph C.	do.	644.45	
Hardy, Thomas R.	do.	736.11	
Harrington, T. H.	do.	272.22	
Harris, John H.	do.	741.67	8.55
Harris, John M.	do.	666.67	
Harris, Scott H.	do.	186.12	26.30
Hartman, Max R.	do.	794.44	
Hasburg, James E.	do.	438.89	
Haskins, Geo. A.	do.	769.44	
Hatch, John W.	do.	216.67	
Haug, Charles H.	do.	763.89	2.97
Haupt, John A.	do.	761.11	
Hawkins, Charles O.	do.	769.44	
Hawthorne, Joseph J.	do.	658.34	17.10
Hayes, Michael J.	do.	755.56	
Hayward, Warren L.	do.	750.00	3.85
Heck, Henry M.	do.	808.33	
Hefter, Richard A.	do.	672.23	
Heiberger, L. F.	do.	72.22	
Hellmuth, Martin	do.	755.56	
Helm, John G.	do.	388.90	
Hempy, Oliver P.	do.	750.00	
Henderson, Frank	do.	761.11	7.25
Henry, Frank T.	do.	738.89	
Hering, Chas. H.	do.	147.22	
Hern, Fred	do.	33.33	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hervey, Wm. E.	Meat inspector, at \$1,000	\$775.00	\$7.86
Herz, Ludwig A.	do	258.33	.....
Hesser, W. H.	do	719.45	68.90
Hettrick, William F.	do	341.67	.....
Heatzman, Albert M.	do	750.00	.....
Higbie, Weston.	do	763.89	.....
Hilgert, Theodore T.	do	833.34	30.71
Hill, Eli E.	do	272.22	.....
Hilsmann, R. F.	do	477.78	.....
Hirschel, Isaak.	do	769.44	7.20
Hoag, Marion A.	do	763.89	.....
Hoar, John M.	do	750.00	4.00
Hodgen, Robert E.	do	802.78	.....
Hoelzle, Elmer G.	do	747.23	.....
Hoffer, Henry.	do	750.00	.....
Hoffheimer, I. N.	do	780.56	.....
Hofman, Henry J.	do	413.90	.....
Hogan, Thomas F.	do	83.34	.....
Hogan, Thos. L.	do	750.00	.....
Holmes, Daniel.	do	763.89	.....
Holmes, Matthew M.	do	755.56	.....
Hoopman, Ludwig.	do	211.11	.....
Hopkins, J. D.	do	749.99	.....
Horgan, Patrick.	do	230.56	.....
Horn, M. J.	do	852.78	162.69
Horrigan, John J.	do	499.99	10.27
Houck, Christ G.	do	166.66	.....
Hovey, Silas B.	do	755.56	.....
Howard, Clarence R.	do	758.33	12.00
Howlett, Louis H.	do	750.00	1.89
Hudson, Frank E.	do	758.34	.....
Hueben, Frank W.	do	802.78	.....
Huggins, Roy.	do	822.22	.....
Hult, Oscar G.	do	769.44	7.50
Humbert, Geo. W.	do	833.34	8.05
Hunter, Jas. H.	do	750.00	.....
Hurley, Daniel P.	do	750.00	.....
Hurt, Wm. A.	do	808.33	.....
Hutton, Aubrey T.	do	769.44	.....
Hyatt, F. A.	do	766.66	.....
Hyde, Charles W.	do	769.43	9.30
Hyde, Patrick H.	do	780.56	2.10
Hydrick, George L.	do	747.23	.....
Hyland, Wm.	do	225.00	.....
Jackson, Bert C.	do	780.56	8.50
Jackson, Walter.	do	58.33	.....
Jacobs, Emery A.	do	683.33	7.22
Jacobs, Fred H.	do	758.33	.....
James, Ernest R.	do	747.23	.....
Jensen, Carl R.	do	91.67	.....
Jentoft, Fredk. E.	do	769.44	.....
Jerome, Lawrence R.	do	755.56	.....
Jeselsohn, Ralph.	do	477.78	.....
Johnson, Arthur O.	do	697.23	.....
Johnson, Nathan H.	do	833.34	.....
Jones, Albert.	do	597.23	28.40
Jones, George H.	do	827.78	44.64
Jourdan, E. M.	do	719.45	71.65
Joyce, Thomas.	do	627.78	20.00
Kahdeman, Richard P.	do	625.01	.....
Kaltwasser, Frank.	do	833.34	27.75
Kann, Joseph.	do	183.34	.....
Kaufmann, Siegfried.	do	769.44	4.15
Kavanagh, B.	do	825.00	.....
Kearns, Herbert F.	do	761.11	.....
Keating, John J.	do	741.67	.....
Keating, William.	do	750.00	.....
Keefe, David J.	do	763.88	.....
Keinath, Chas. F.	do	733.34	.....
Kelleher, Daniel J.	do	388.88	.....
Keller, Clement J.	do	452.77	.....



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Keller, Peter	Meat inspector, at \$1,000.	\$311.11	
Kelly, Peter F.	do.	461.12	
Kelly, Wm. T.	do.	808.33	
Kelting, Henry C.	do.	755.56	
Kenneally, James	do.	750.00	
Kennedy, Henry D.	do.	750.00	\$84.37
Kennedy, John A.	do.	769.44	
Kennedy, James W.	do.	750.00	
Kenney, M. J.	do.	750.00	
Kenny, Patrick	do.	794.44	
Kerley, Michael J.	do.	83.33	
Kern, Conrad	do.	750.00	
Kern, John	do.	330.56	11.65
Kerr, Chas. L. E.	do.	272.22	
Kessler, Henry	do.	163.89	
Kessler, William A.	do.	813.89	
Kiely, Daniel B.	do.	808.33	
Kilanoski, Samuel P.	do.	738.89	
Killoran, John J.	do.	780.56	
Kindergan, James P.	do.	747.23	
King, Alfred A.	do.	750.00	
King, Herbert J.	do.	763.89	
Kirkpatrick, R. H.	do.	250.00	
Kleiber, Henry	do.	194.45	
Klenk, Chas.	do.	783.33	
Kline, Edward	do.	80.56	
Klouse, Frank	do.	761.11	
Knecht, Chas., jr.	do.	711.11	
Knepper, A. L.	do.	825.00	35.10
Knight, Charles W.	do.	769.45	
Knodel, William F.	do.	369.45	21.37
Knoehr, C. M.	do.	266.67	
Koehler, Adolph G.	do.	330.57	
Kohl, John G.	do.	416.67	4.25
Konz, Albert W.	do.	216.67	
Kopp, John C.	do.	750.00	
Kramer, Richard H.	do.	466.66	33.25
Kraus, Geo. F.	do.	852.78	
Kropp, Otto E.	do.	747.23	
Krug, Ernest A.	do.	394.44	27.75
Kruse, John Wm.	do.	763.89	
Kuehner, Henry	do.	438.89	
Kuenzel, Geo. A.	do.	416.67	
Langer, John F.	do.	750.00	
Lappin, John C.	do.	616.67	
Larimore, Bruce L.	do.	111.12	
Lawler, Patrick E.	do.	769.44	
Laybourn, Robert	do.	761.11	
Leahy, Timothy J.	do.	52.78	
Lee, Alfred N.	do.	808.33	
Lee, John H.	do.	166.67	
Lehman, Arthur J.	do.	111.11	
Lehr, Wm. G.	do.	794.44	6.94
Lennon, Edward J.	do.	761.12	
Lewinson, Louis	do.	766.67	37.41
Lewis, George R.	do.	75.00	
Lightner, Chas. P.	do.	750.00	
Lindenberger, G. F.	do.	747.23	
Lindner, William L.	do.	247.21	
Lindsay, Edmund A.	do.	363.90	
Lirely, Wm. H.	do.	769.44	
Lobdell, Grosvenor	do.	416.67	
Lockwood, Wm. M.	do.	758.33	
Loeble, August	do.	350.00	
Lomelino, Geo.	do.	494.43	
Long, William J.	do.	758.33	
Love, David D.	do.	833.34	78.95
Lunkley, Nick	do.	761.11	
Lunt, John W.	do.	762.50	
Lutz, Chas. N.	do.	769.44	
Lynch, Jeremiah	do.	11.11	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lynch, Thomas S.	Meat inspector, at \$1,000.	\$111.12	
Lynn, John F.	do.	125.01	
Lyons, Harvey E.	do.	747.23	
McCabe, James L.	do.	413.90	
McCarthy, Dennis.	do.	702.78	
McCarthy, James.	do.	230.56	
McCasin, Bert L.	do.	750.00	
McClelland, Will C.	do.	747.23	\$18.40
McConnell, Henry.	do.	499.99	
McConville, Frank.	do.	775.00	
McCormack, B.	do.	750.00	
McCormick, James G.	do.	394.44	
McDonald, Francis J.	do.	802.78	
McDonough, John F.	do.	598.62	
McDonough, J. H.	do.	750.00	7.57
McElroy, Addison H.	do.	16.66	
McEvoy, Howard S.	do.	708.34	
McFall, Elex. J.	do.	769.44	
McGahey, James.	do.	852.78	
McGehee, Lewis X.	do.	750.00	
McGowan, B.	do.	375.00	17.00
McIntyre, Aloysius.	do.	766.66	
McIntyre, Chas. I.	do.	813.89	
McKee, Hugh K.	do.	205.56	
McKee, James.	do.	750.00	
McKelvey, R. M.	do.	553.33	
McLaughlin, Edward J.	do.	177.78	
McLean, Herbert T.	do.	775.00	
McLean, James B.	do.	833.34	
McLeish, Alexander.	do.	300.00	
McLeod, Walter S.	do.	750.00	
McMullin, Thos. J.	do.	750.00	
McMullin, Wm.	do.	750.00	
McNamara, John J.	do.	163.90	
McNaughton, Robt.	do.	686.10	
McNaughton, Wm.	do.	761.10	
McShane, John E.	do.	769.44	
McSwiggan, Dan.	do.	747.22	
McWilliams, John.	do.	775.00	
Macdonald, Burt K.	do.	769.44	
Mahaney, Thomas B.	do.	755.56	
Maher, Joseph P.	do.	788.89	
Mallen, Ole L.	do.	761.11	
Mallory, Elmer T.	do.	750.00	61.80
Malone, E. J.	do.	741.67	13.40
Malone, James J.	do.	166.66	
Mann, Kemp P.	do.	833.34	
Manning, Michael.	do.	711.11	59.00
Manuel, Loyd D.	do.	769.44	
Marshall, Chas. A.	do.	750.00	
Marshall, Frank R.	do.	744.44	
Martin, Alvin L.	do.	758.33	
Martin, Robert.	do.	36.11	
Martineau, Claude H.	do.	758.33	5.60
Matteson, Seth A.	do.	633.34	13.10
May, Claude A.	do.	430.55	41.70
May, Hermann A.	do.	394.45	
Mayer, Albert C.	do.	808.33	
Meador, Herman E.	do.	750.00	
Medick, Gustave H.	do.	738.89	10.20
Meinecke, Wm. H.	do.	500.01	
Mellen, George H.	do.	738.89	
Melly, George L.	do.	711.11	54.85
Melvin, Joe.	do.	761.10	
Merwick, Wm.	do.	769.44	
Metz, John F.	do.	769.44	
Metzger, Geo. C.	do.	750.00	
Meyer, Ernst.	do.	483.33	
Miller, Archie.	do.	750.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Miller, E. J.	Meat inspector, at \$1,000	\$125.01	
Miller, Edward P.	do	705.56	
Miller, Frederick	do	730.56	\$18.00
Miller, James C.	do	794.44	
Miller, Roy W.	do	794.44	
Miller, Wilfred M.	do	541.67	
Minard, George S.	do	141.67	
Mitzel, Hal J.	do	738.89	
Mohr, Joseph	do	305.56	
Moline, Oscar G.	do	583.33	
Moore, David	do	158.34	
Moore, John J.	do	750.00	47.72
Moore, James	do	111.12	
Moore, Wm.	do	747.23	
Moran, John A.	do	769.44	10.15
Moran, Michael J.	do	758.33	
Morgan, James B.	do	766.67	20.25
Morley, Fred A.	do	750.00	
Morrissey, John H.	do	761.11	
Morrissey, John J.	do	488.89	
Morton, Fred B.	do	750.00	
Mosier, Chas. B.	do	766.67	19.10
Mulcahy, Patrick J.	do	763.89	8.55
Mullin, Thomas F.	do	794.44	
Murdock, John L.	do	497.23	2.90
Murphy, James H.	do	738.89	23.40
Murphy, Michael J.	do	466.66	
Murphy, Patrick H.	do	758.33	
Murray, Clarence F.	do	738.89	
Murray, Henry T.	do	250.00	
Murray, Louis C.	do	133.34	
Myers, Ira M.	do	802.78	8.70
Myers, Wm. H.	do	769.44	
Mytinger, A. E.	do	833.34	
Nachmann, Abraham	do	775.01	
Neville, Daniel	do	416.67	
Newton, Thomas E.	do	833.34	
Nichols, William B.	do	83.34	
Niven, George	do	463.89	
Noone, Thomas	do	750.00	
Norris, David F.	do	769.44	
Norton, Frank P.	do	747.23	
Nugent, Michael J.	do	780.56	
Nutto, Louis	do	794.44	
O'Brien, John A.	do	738.89	
Ochs, John J.	do	388.89	6.72
O'Connell, Daniel	do	463.89	
O'Connell, Daniel A.	do	761.11	
O'Connell, Michael J.	do	780.56	9.95
O'Connor, John	do	597.23	
O'Connor, John J.	do	769.44	
Oefelein, John L.	do	500.00	
Oelschlegel, Geo. C.	do	763.89	6.35
O'Grady, James	do	750.00	
O'Hanlon, Barney	do	83.34	
O'Hara, James	do	805.56	
O'Hern, James F.	do	802.78	5.75
O'Malley, Patrick	do	763.89	
O'Neill, James P.	do	636.12	49.79
Opal, John A.	do	769.44	
Ormond, D. W.	do	19.44	
Osfield, Frank B.	do	750.00	
O'Shonessey, Thomas	do	736.11	
Page, Fred	do	825.00	
Page, Geo. A.	do	758.33	
Pahlman, J. P., jr	do	750.00	5.45
Palm, Edward A.	do	672.23	
Palmer, Tyler A.	do	780.56	
Palmer, Willis A.	do	763.89	8.00
Parker, William J.	do	786.12	18.00
Parks, T. C.	do	58.33	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Parsons, Sidney J.....	Meat inspector, at \$1,000.....	\$794.00	\$16.60
Patenge, Otto K.....	do.....	125.00	
Paull, Wm. L.....	do.....	758.33	
Pawly, Frank.....	do.....	808.33	
Peacock, Burrell W.....	do.....	413.88	96.75
Pemberton, Henry W.....	do.....	747.23	
Perkins, Lawrence C.....	do.....	541.67	7.67
Perry, Ralph W.....	do.....	705.56	
Peters, John.....	do.....	250.00	
Peterson, Albert.....	do.....	788.89	
Pettengill, H. E.....	do.....	250.00	
Pfeiffer, Frank W.....	do.....	808.33	
Phillips, Filmore.....	do.....	291.67	
Pierce, Fred M.....	do.....	666.67	
Pierson, Carl M.....	do.....	794.44	
Pigott, Andrew.....	do.....	794.44	
Pinger, Wm. R.....	do.....	686.11	121.79
Piper, Frank.....	do.....	748.62	
Pironi, Leon James.....	do.....	750.00	32.90
Poage, John W.....	do.....	769.44	
Pontious, Frank L.....	do.....	766.67	43.65
Potrykus, Joseph.....	do.....	94.45	
Powell, Frank S.....	do.....	758.33	
Powers, John T.....	do.....	755.56	
Priller, Fred W.....	do.....	758.33	42.20
Pritchard, Walter R.....	do.....	738.89	
Proetz, Henry W.....	do.....	833.34	
Puletz, John W.....	do.....	738.89	11.64
Purviance, Austin E.....	do.....	738.89	36.50
Quigley, Walter F.....	do.....	780.56	
Quincy, Thomas E.....	do.....	738.89	11.80
Quinn, Henry.....	do.....	350.01	
Quinn, John.....	do.....	436.11	
Quinn, John T.....	do.....	750.00	
Rafferty, John E.....	do.....	833.34	
Rath, Frank.....	do.....	794.44	
Rathman, Geo. A.....	do.....	225.00	
Raven, John, jr.....	do.....	769.44	
Razer, Frank.....	do.....	83.34	
Redden, Wm. J.....	do.....	797.22	
Reed, Ernest L.....	do.....	250.00	
Reed, E. Manford.....	do.....	747.23	
Rehbein, Wm. H.....	do.....	750.00	
Reidy, Martin C.....	do.....	766.67	
Reiners, Hajo H.....	do.....	438.89	
Reisser, Michael.....	do.....	750.00	
Rhoads, Chas. H.....	do.....	750.00	
Rhodes, Julius J.....	do.....	750.00	
Richards, Albert S.....	do.....	666.67	
Richards, Frank D.....	do.....	808.33	
Richards, H. S.....	do.....	75.00	
Richards, Wm.....	do.....	769.44	
Richardson, D. T.....	do.....	186.10	
Richardson, Wm. L.....	do.....	763.87	
Richter, Sprigg C.....	do.....	738.89	2.50
Ries, Geo. Fred.....	do.....	144.44	
Ring, Frank D.....	do.....	780.56	
Roach, James.....	do.....	83.34	
Robinson, Chas. M.....	do.....	750.00	
Robinson, Mark.....	do.....	166.67	
Robinson, Wm.....	do.....	769.44	
Roche, Thomas.....	do.....	294.44	
Rodgers, Arthur W.....	do.....	761.11	
Rogenmoser, Chas. J.....	do.....	844.45	
Rogers, Patrick J.....	do.....	133.34	
Roling, William.....	do.....	80.56	
Roney, Herbert J.....	do.....	499.99	
Roscher, Ernest.....	do.....	197.23	
Roth, Gustav F.....	do.....	750.00	
Ruehlmann, Adam.....	do.....	80.56	
Rumming, Wm. J.....	do.....	833.34	6.00

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Rupprecht, Robt. A.....	Meat inspector, at \$1,000.....	\$500.00	\$0.90
Ryan, Stephen D.....	do.....	763.88	.....
Ryan, Thomas E.....	do.....	758.33	.....
Sabourin, Napoleon M.....	do.....	769.44	14.55
Sachse, Herman F.....	do.....	630.56	14.35
Sahland, Julius E.....	do.....	750.00	.....
Salmon, John P.....	do.....	225.00	.....
Salmon, Michael F.....	do.....	125.01	.....
Samson, Eugene H.....	do.....	750.00	.....
Sanderson, Owen M.....	do.....	736.10	45.30
Sandy, James Thomas.....	do.....	763.89	4.98
Sanger, Fred W.....	do.....	141.66	.....
Saunders, Wm. H.....	do.....	780.56	.....
Sayers, Clinton H.....	do.....	191.67	.....
Schafer, George J.....	do.....	750.00	.....
Schaub, Emil C.....	do.....	111.12	.....
Scheffel, Joseph G.....	do.....	483.33	.....
Schell, Gustav A.....	do.....	725.00	.....
Schenkalowski, J. A.....	do.....	738.89	.....
Schmidt, Raymond R.....	do.....	758.33	.....
Schneider, F. W. A.....	do.....	758.33	.....
Schmiebs, Joseph A.....	do.....	758.33	.....
Schoenleber, A. C.....	do.....	852.78	.....
Schoenleber, Wm.....	do.....	844.45	.....
Schopfer, Chas. B.....	do.....	583.34	2.42
Schueler, Edward.....	do.....	80.56	.....
Schultz, Emil E.....	do.....	750.00	21.75
Schuyler, Samuel E.....	do.....	738.89	.....
Schwab, Walter J.....	do.....	502.78	.....
Schwarz, John R.....	do.....	763.89	.....
Seaton, Thos.....	do.....	763.89	.....
Selby, Chas. C.....	do.....	825.00	8.80
Sergeant, Harry C.....	do.....	469.45	.....
Severance, W. A.....	do.....	747.23	.....
Sexton, John J.....	do.....	758.33	41.90
Shackleford, W. O.....	do.....	544.44	.....
Shafer, John C.....	do.....	172.23	.....
Shaffer, Harry L.....	do.....	791.66	37.95
Shaw, Herbert F.....	do.....	808.33	.....
Shay, James J.....	do.....	825.00	.....
Shea, John F.....	do.....	711.11	.....
Sheehan, John J.....	do.....	761.10	.....
Sheehy, Patrick J.....	do.....	661.11	5.30
Sheeran, Peter H.....	do.....	747.23	.....
Sheldon, Frank H.....	do.....	263.89	1.95
Shields, Erastus P.....	do.....	38.89	.....
Shopier, Chas. B.....	do.....	161.11	.....
Short, Daniel J.....	do.....	27.77	.....
Sieger, Joseph C.....	do.....	499.99	.....
Sievert, Theo. J.....	do.....	769.44	.....
Simpson, Geo. B.....	do.....	602.79	23.35
Sindlinger, Charles.....	do.....	825.00	8.75
Slattery, Cornelius.....	do.....	775.00	.....
Sloan, David.....	do.....	827.76	16.80
Smart, Hugh C.....	do.....	477.78	.....
Smiley, Wm. H.....	do.....	758.33	.....
Smith, Chas. J.....	do.....	250.00	.....
Smith, Geo. L.....	do.....	777.78	.....
Smith, John.....	do.....	745.84	.....
Smith, James F.....	do.....	433.34	.....
Smith, Lewis F.....	do.....	755.56	.....
Smith, Robt. E.....	do.....	802.78	.....
Smith, Samuel.....	do.....	794.44	31.76
Smith, Wm. H.....	do.....	769.44	.....
Snider, Chas. H. P.....	do.....	769.44	4.10
Somerville, Wm. E.....	do.....	463.89	.....
Spalding, Edwd. B.....	do.....	133.34	.....
Sparling, Homer L.....	do.....	786.11	.....
Specht, Jacob.....	do.....	250.00	.....
Spechley, George.....	do.....	166.67	.....
Speigelberger, Henry.....	do.....	416.67	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Spencer, J. A.	Meat inspector, at \$1,000	\$205.55	\$70.15
Spraul, Edwin	do.	633.34	68.95
Stadler, August C.	do.	769.44	
Stankey, Arthur H.	do.	769.44	
Steere, James P.	do.	455.56	5.62
Stephens, James F.	do.	758.33	41.05
Sterrett, W. H.	do.	711.11	
Stevens, Arthur H.	do.	736.11	
Stevens, Simon G.	do.	250.00	32.60
Stevenson, Harry H.	do.	769.44	5.62
Stewart, James F.	do.	780.56	
Stock, Sebastian	do.	291.67	
Stoddard, Omar	do.	552.78	
Stosberg, Rudolph R.	do.	808.33	
Stratton, Harry H.	do.	769.44	
Stratton, John J.	do.	833.34	6.43
Strobel, Ambrose	do.	491.67	
Sullivan, Charles G.	do.	738.89	
Supe, Chas., jr.	do.	11.11	
Swan, Charley J.	do.	730.56	7.00
Sweeney, George H.	do.	266.67	
Sweeney, Peter M.	do.	183.34	
Sweet, James	do.	769.44	84.42
Swisher, Frank P.	do.	105.56	
Taber, Allen W.	do.	736.10	24.06
Tawney, Oliver M.	do.	738.89	
Tebbens, C. J.	do.	788.89	
Tebbens, Henry	do.	747.23	
Thayer, Geo. E.	do.	786.11	
Thiem, E. B.	do.	747.23	
Thomas, Leslie L.	do.	747.23	19.35
Thompson, Chas. A.	do.	413.89	
Thompson, James K.	do.	769.44	38.86
Thompson, John D.	do.	763.89	
Thompson, Lee W.	do.	180.56	
Tillery, Eby A.	do.	805.56	22.45
Titcomb, Geo. A., jr.	do.	780.56	
Toomey, Dennis J.	do.	758.33	
Towl, Ralph K.	do.	405.55	
Tracy, John M.	do.	125.01	
Trafton, Alonzo H.	do.	808.33	
Trail, Charles J.	do.	213.88	
Traver, Dolph	do.	208.34	
Traynor, Hugh F.	do.	744.55	
Tregay, William	do.	352.78	
Trittle, Fred L.	do.	750.00	
Tucker, Frank S.	do.	750.00	
Tucker, Geo. F.	do.	808.33	
Turner, Frank W.	do.	708.34	
Veach, Thos. N.	do.	808.33	
Viezens, Paul.	do.	761.12	
Virchow, Albert G.	do.	499.99	2.90
Vogt, Louis	do.	750.00	42.30
Volz, Wm. F.	do.	758.33	11.30
Voss, Frederick	do.	738.89	
Wakefield, Eugene H.	do.	750.00	
Walker, Ernest L.	do.	750.00	31.60
Walsh, Daniel J.	do.	761.11	
Walsh, Joseph J.	do.	838.90	
Walsh, Patrick	do.	158.34	
Walsh, Thomas W.	do.	202.77	
Wandel, Adolph C.	do.	761.11	
Ward, Edmund W.	do.	758.33	
Washburn, Walter E.	do.	472.23	
Watkins, Wallace C.	do.	833.34	
Watson, Michael F.	do.	769.44	91.40
Weed, Ralph P.	do.	750.00	
Wegner, Wm. H.	do.	769.44	
Weil, Gabriel	do.	761.11	
Weiss, Adam	do.	22.22	
Weiss, Joseph J.	do.	116.67	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Welch, Harry F.	Meat inspector, at \$1,000	\$750.00	
Wentworth, James A.	do.	750.00	\$9.38
West, Walter M.	do.	747.23	24.90
Wetzel, Charles A.	do.	761.11	
Whalin, Charles V.	do.	111.12	
White, Richard A.	do.	750.00	
Whitney, James M.	do.	158.34	
Wieggers, John H.	do.	750.00	
Wilkins, Henry	do.	788.89	17.29
Willie, M. W.	do.	758.33	45.55
Wilson, Albert H.	do.	763.88	19.70
Wilson, George H.	do.	741.67	
Wilson, Robt. H.	do.	769.44	
Winn, Willis D.	do.	94.44	
Winter, Geo.	do.	588.89	
Wolff, Frederick	do.	438.89	
Wolverton, Thos. J.	do.	758.33	
Wood, Thomas A.	do.	288.89	
Woods, Ambrose H.	do.	750.00	
Woodward, Charles C.	do.	38.89	
Woolsey, Cardinal W.	do.	808.33	14.50
Worth, Geo. A.	do.	16.67	
Wright, Davis H.	do.	250.00	
Wright, John	do.	211.11	
Yoos, John H.	do.	750.00	
Young, George A.	do.	416.67	
Young, Henry W.	do.	738.89	
Youngs, Robt.	do.	761.11	
Zahn, Henry G.	do.	427.77	
Ziegler, Frank G.	do.	802.78	
Ziegler, John	do.	683.34	
Zofkie, Charles F.	do.	738.89	
Zollner, Chas. M.	do.	750.00	
Wright, Isaac H.	Meat inspector, at \$1,000; tagger, at \$720 and \$840, and stock examiner, at \$900.	594.95	
Sine, J. B.	Special stock examiner, at \$1,200	1,200.00	112.48
Ewing, Frank A.	Stock examiner, at \$1,200	500.00	
Jordan, J. F.	Patrol stock examiner, at \$1,000, and stock examiner, at \$900 and \$1,200.	1,095.83	
Kidder, Julius	Patrol stock examiner, at \$1,000 and \$1,200	1,000.00	
Burgess, John L.	Patrol stock examiner, at \$1,000	977.77	34.09
Iring, Artemus	do.	1,000.00	
Foley, Wm.	Stock examiner, at \$1,000 and \$1,200.	1,100.00	
Miller, Sol.	do.	1,100.00	
Campbell, Chas. E.	Stock examiner, at \$1,000	444.44	
Cannon, Earl C.	do.	83.33	
Persells, Herman V.	do.	416.67	215.55
Beattie, Joseph G.	Stock examiner, at \$900, and veterinary inspector, at \$1,200 and \$1,400.	818.61	
Cooper, Charles M.	do.	1,225.00	
Oldham, James S.	do.	1,237.50	13.85
Adams, N. R.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Adams, Charles	do.	1,037.50	
Baumel, Henry	do.	1,058.34	
Bell, E. W.	do.	997.50	
Benton, Walter D.	do.	1,050.00	
Best, George	do.	675.00	
Bibb, Adelbert G.	Stock examiner, at \$900, foreman of taggers, at \$1,000, and stock examiner, at \$1,200.	785.83	
Bone, C. C.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Burdick, H. D.	do.	1,050.00	
Burgess, William	do.	1,050.00	
Burke, George C.	do.	1,047.50	7.90
Butterfass, Jacob F.	do.	1,050.00	
Byrd, Oliver W.	do.	1,050.00	
Carney, James W.	Stock examiner, at \$900, and patrol stock examiner, at \$1,000 and \$1,200.	1,086.95	
Cathel, George T.	Stock examiner, at \$900 and \$1,200	412.50	
Chamberlain, Chas. J.	do.	1,050.00	
Cherrington, Wm. P.	do.	965.00	
Clark, Thos. G.	do.	1,050.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Cramer, Chas. F.	Stock examiner, at \$900, foreman of taggers, at \$1,000, and stock examiner, at \$1,200.	\$1,650.00	\$1.00
Duffey, J. J.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Eichstaedt, J. J.	do.	1,050.00	
Elmer, Chas.	do.	1,021.25	
Farley, David S.	Stock examiner, at \$900, patrol stock examiner, at \$1,000, and stock examiner, at \$900 and \$1,200.	976.67	
Flora, Josiah D.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Fox, Jacob.	do.	1,050.00	
Franklin, George A.	do.	1,050.00	
Freeman, Harry D.	do.	1,050.00	
Frisch, David.	do.	922.50	
Gardner, James.	do.	1,050.00	
Gerrish, James L.	do.	1,050.00	
Gobble, Washington.	do.	1,050.00	
Haggerty, John J.	do.	1,050.00	
Harpst, William.	do.	1,050.00	
Herriman, James.	do.	1,050.00	
Hickey, W. P.	do.	1,050.00	
Hiller, Christian.	Stock examiner, at \$900, and patrol stock examiner, at \$1,000 and \$1,200.	1,087.23	
Jacobson, John.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Jerome, Hiram.	do.	912.50	
Kelly, J. F.	do.	1,050.00	
Kennally, James S.	Stock examiner, at \$900, foreman of taggers, at \$1,000, and stock examiner, at \$1,200.	1,050.00	
Knee, Ira F.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Koontz, Geo. W.	do.	1,050.00	
Leland, Henry.	do.	1,050.00	
Libby, Thos. M.	do.	1,050.00	
Lyman, R. E.	do.	1,050.00	
McLeland, Thomas A.	do.	1,050.00	
Madden, Michael J.	do.	1,050.00	
Massie, John C.	do.	665.00	
Morgan, Porter.	do.	850.00	
Morley, Henry.	do.	1,050.00	
Murphy, John.	do.	1,050.00	
Murphy, Jas. A.	do.	1,050.00	
Newton, Harrison L.	do.	1,050.00	
O'Brien, Terence.	do.	1,050.00	
Oshel, Thos. W.	do.	1,050.00	
Payne, Jacob I.	do.	990.00	
Pepperman, Alfred N.	do.	1,050.00	
Quirk, M. J.	do.	675.00	637.17
Richardson, J. H.	do.	1,050.00	
Rieman, Henry L.	do.	1,050.00	
Rowse, Charles W.	Stock examiner, at \$900, and patrol stock examiner, at \$1,000 and \$1,200.	1,083.34	
Rue, Ernest E.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Ryan, John J.	do.	1,050.00	
Sarsfield, J. W.	Stock examiner, at \$900, meat inspector, at \$1,000, and stock examiner, at \$1,200.	763.89	
Saunders, Wm. H.	Stock examiner, at \$900 and \$1,200.	807.50	
Schauer, Henry.	do.	1,047.50	
Schroeder, Frank.	do.	1,050.00	
Simpson, Fred. L.	do.	1,050.00	
Stephens, Edwin E.	do.	1,050.00	
Stoner, Walter E.	do.	1,050.00	
Timmons, Wm. H.	do.	1,050.00	
Tippett, Wm. T.	Stock examiner, at \$900; meat inspector, at \$1,000, and stock examiner, at \$1,200.	964.99	7.80
Trainer, John.	Stock examiner, at \$900; patrol stock examiner, at \$1,000, and stock examiner, at \$1,200.	1,086.95	
Turner, Jos. M.	Stock examiner, at \$900; patrol stock examiner, at \$1,000, and stock examiner, at \$1,200.	784.17	
Wade, T. J.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Wampler, James W.	do.	1,050.00	
Warner, Geo. D.	Stock examiner, at \$900, \$1,000, and \$1,200.	1,050.00	1.05
Weller, H. B.	Stock examiner, at \$900 and \$1,200.	1,050.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Wheeler, D. N.	Stock examiner, at \$900; foreman of taggers, at \$1,000, and stock examiner, at \$1,200.	\$1,019.45	
Williams, Harvey D.	Stock examiner, at \$900 and \$1,200.	1,050.00	
Winnie, D. A.	do.	1,050.00	
Zuendel, T. B.	Stock examiner, at \$900, \$1,000, and \$1,200.	664.17	
Akin, L. C.	Stock examiner, at \$900 and \$1,000.	950.00	
Baldwin, Wm. A.	do.	742.50	\$456.25
Berry, Winfield E.	do.	950.00	
Bollinger, Howard L.	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	975.00	
Borden, John J.	Stock examiner, at \$900, and meat inspector, at \$1,000.	964.72	79.50
Burkard, Jacob	Stock examiner, at \$900 and \$1,000.	950.00	
Burton, J. W.	do.	950.00	281.55
Carlton, Florence E.	Stock examiner, at \$900, and meat inspector, at \$1,000.	949.99	
Chapin, A. C.	Stock examiner, at \$900 and \$1,000.	950.00	
Cunningham, Bernard	do.	950.00	
Curtis, Chester J.	do.	950.00	
Doyle, Wm. J.	do.	933.34	
Fahrenbach, Frank A.	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	975.00	
Feighner, John E.	Stock examiner, at \$900 and \$1,000.	950.00	
Fila, Frank	do.	950.00	
Forbes, Walter A.	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	975.00	
Garlick, Wm. B.	Stock examiner, at \$900 and \$1,000.	950.00	
Ford, James	do.	950.00	
Fowkes, Albert, sr.	do.	950.00	
Frantz, Will A.	do.	975.00	
Garrity, John J.	do.	950.00	
Hall, William E.	do.	950.00	
Hansen, Thomas.	do.	912.51	
Healey, F. A.	do.	769.72	
Herlinger, Frank H.	do.	916.67	
Herron, F. P.	do.	950.00	
Hoerner, Geo. J.	do.	950.00	
Hogan, Edward P.	do.	950.00	
Howard, De Lannes.	do.	950.00	
Hoyt, Seymour R.	Stock examiner, at \$900; patrol stock examiner, at \$1,000, and stock examiner, at \$1,000.	973.06	
Humphrey, M. E.	Stock examiner, at \$900 and \$1,000.	950.00	2.80
Hutchinson, Chas. B.	do.	913.34	
Jacobs, Harry C.	Stock examiner, at \$900; patrol stock examiner, at \$1,000; foreman of taggers, at \$1,000, and clerk, at \$1,000.	800.00	27.75
Jaqua, Geo. E.	Stock examiner, at \$900 and \$1,000.	950.00	
Johnson, H. C.	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	979.17	
King, James L.	Stock examiner, at \$900; clerk, at \$900 and \$1,000.	887.50	
Kling, Myron H.	Stock examiner, at \$900 and \$1,000.	950.00	
Knipple, Robt. G.	do.	950.00	
Lauck, Edward C.	Stock examiner, at \$900 and \$1,000, and clerk, at \$1,000.	950.00	
Luepke, John F.	Stock examiner, at \$900 and \$1,000.	950.00	
McClure, John H.	Stock examiner, at \$900, and clerk at \$1,000.	929.17	
McDonald, James	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	979.17	
McGill, James L.	Stock examiner, at \$900; meat inspector, at \$1,000, and stock examiner, at \$1,000.	981.67	
Mackut, Frank.	Stock examiner, at \$900 and \$1,000.	950.00	
Mahana, R. M.	do.	933.34	
Mahoney, Arthur A.	Stock examiner, at \$900 and \$1,000, and foreman of taggers, at \$1,000.	950.00	
Mahoney, T. B.	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	962.50	126.88
Marshall, Geo. O.	Stock examiner, at \$900, and meat inspector, at \$1,000.	947.22	156.65
Messemer, George.	do.	950.00	
Miller, Arthur E.	do.	950.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Molloy, J. J.	Stock examiner, at \$900, and meat inspector, at \$1,000.	\$975.00	
Munn, John E.	do.	975.00	\$53.45
Noonan, Thomas.	Stock examiner, at \$900 and \$1,000.	920.84	
Nowlan, Frank P.	Stock examiner, at \$900, and meat inspector, at \$1,000.	975.00	
O'Keefe, Matthew.	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	880.28	21.25
Olmstead, O. E. G.	Stock examiner, at \$900, and patrol stock examiner, at \$1,000.	979.17	
Pagle, Chas. W., jr.	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	979.17	1.10
Petty, Frederick O.	Stock examiner, at \$900 and \$1,000.	535.00	369.00
Pollitt, Frank E.	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	975.00	
Quinn, Matthew.	Stock examiner, at \$900 and \$1,000.	947.50	
Risley, Samuel A.	do.	950.00	
Robinson, Matthew.	do.	950.00	
Schmitt, C. J.	do.	950.00	
Schumacher, Geo. E.	do.	950.00	
Scott, A. R.	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	310.00	
Shale, Solomon C.	Stock examiner, at \$900 and \$1,000.	533.33	
Shannon, John W.	do.	950.00	
Sharp, Guy A.	do.	950.00	
Simpson, J. R.	do.	875.00	
Smith, Philip.	Stock examiner, at \$900, and patrol stock examiner, at \$1,000.	975.00	
Smith, Samuel T.	Stock examiner, at \$900 and \$1,000.	916.67	31.50
Sommer, Joseph M.	Stock examiner, at \$900, and foreman of taggers, at \$1,000.	961.67	
Sowers, Sylvester S.	do.	975.00	
Stumpf, Louis N.	Stock examiner, at \$900 and \$1,000.	950.00	
Sullivan, Wm. J.	Stock examiner, at \$900, and vessel inspector, at \$1,000.	975.00	
Valentine, S. I.	Stock examiner, at \$900 and \$1,000.	950.00	
Walch, Charles I.	do.	950.00	
White, T. A.	do.	950.00	
Wood, G. W.	do.	916.67	21.15
Alton, Daniel R.	Stock examiner, at \$900.	900.00	
Dreyer, Lewis S.	do.	900.00	
Frick, W. C.	do.	880.00	
Graham, E. R.	do.	150.00	
Granger, Dighton.	do.	900.00	
Hendricks, Frank.	do.	900.00	
Hersey, Walter H.	do.	900.00	
Lee, Arthur J.	do.	900.00	
Leyser, Jeremiah C.	do.	675.00	
Lint, Henry M.	do.	225.00	
Lovejoy, James E.	do.	267.50	
McDonald, Donald.	do.	890.00	
McFarland, Arthur J.	do.	40.00	
McFarland, P. J.	do.	900.00	
Mader, Abraham.	do.	567.50	
Magee, Morton.	do.	137.50	
Manny, Abram M.	do.	660.00	
Mowrer, Wm. E.	do.	75.00	
O'Neill, Frank.	do.	202.50	
O'Rourke, Arthur J.	do.	375.00	
Purcell, John, jr.	do.	900.00	
Rarey, M. J.	do.	900.00	
Somers, J. P.	do.	470.00	
Sutherland, George.	do.	612.50	
Waterman, F. D.	do.	440.00	
Elliott, John A.	Patrol tagger, at \$900, and veterinary inspector, at \$1,400.	947.23	4.40
Janison, J. S.	do.	941.67	
Loman, Fred.	do.	951.39	21.35
Walkley, S. J.	do.	956.95	12.30
Allen, J. S.	Patrol tagger, at \$900, and meat inspector, at \$1,000.	975.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Edmond, Charles S.	Patrol tagger, at \$900, and foreman of taggers, at \$1,000.	\$787.51	
Payne, A. D.	Patrol tagger, at \$900, and meat inspector, at \$1,000.	975.00	
Henry, Paul C.	Patrol tagger, at \$900, and stock examiner, at \$900.	900.00	
Griffin, P. H.	Patrol tagger, at \$900.	900.00	
Jacobus, Herman	do.	900.00	
Walsh, Richard	do.	900.00	
Weaver, Flavus	do.	675.00	
Goebel, Fred J.	Tagger, at \$840 and \$900.	870.00	\$13.82
Harrington, Chas. F.	Tagger, at \$840, and stock examiner, at \$900.	497.50	
Kostal, Anton	Tagger, at \$840, and patrol tagger, at \$900.	885.00	
Leddy, Thomas	Tagger, at \$840 and \$900.	870.00	
Summers, John	Tagger, at \$840, and patrol tagger, at \$900.	890.00	3.80
Vandervoort, Chas.	Tagger, at \$840 and \$900.	858.33	
Dishong, Geo. M.	Tagger, at \$840.	354.67	
Burke, Henry	Tagger, at \$720, patrol tagger, at \$900, and veterinary inspector, at \$1,200 and \$1,400.	413.00	
Koen, John S.	Tagger, at \$720, foreman of taggers, at \$1,000, and veterinary inspector, at \$1,400.	955.54	19.60
Reid, Joseph C.	Tagger, at \$720, and veterinary inspector, at \$1,200 and \$1,400.	356.22	
Burns, Edward J.	Tagger, at \$720, and meat inspector, at \$1,000 and \$1,200.	966.44	6.93
Campbell, P. W.	do.	965.66	23.13
Hattery, Morton	Tagger, at \$720, and veterinary inspector, at \$1,200.	414.00	
Lynch, John E.	Tagger, at \$720, patrol tagger, at \$900, and veterinary inspector, at \$1,200 and \$1,400.	703.89	
Alexander, Wm. S.	Tagger, at \$720, and meat inspector, at \$1,000.	930.00	
Augsburger, Otto	Tagger, at \$720, meat inspector, at \$1,000, and tagger, at \$840.	890.00	
Babb, George F.	Tagger, at \$720, patrol tagger, at \$900, and foreman of taggers, at \$1,000.	952.50	
Bailey, I. H.	Tagger, at \$720, and meat inspector, at \$1,000.	930.00	86.45
Boone, Frank L.	do.	457.78	38.40
Brown, Geo. S.	do.	913.67	43.70
Burrows, Wm. E.	Tagger, at \$720, and foreman of taggers, at \$1,000.	930.00	
Caudy, W. M.	Tagger, at \$720 and \$840, patrol tagger, at \$900, and patrol stock examiner, at \$1,000.	819.17	
Churchill, W. E.	Tagger, at \$720, and foreman of taggers, at \$1,000.	930.00	6.06
Crean, Michael	Tagger, at \$720, and meat inspector, at \$1,000.	860.00	7.90
Crumbaugh, L. W.	do.	856.89	25.49
Dalzell, Howard H.	Tagger, at \$720, meat inspector, at \$1,000, and tagger, at \$840.	884.89	
Danaher, W. E.	Tagger, at \$720, and foreman of taggers, at \$1,000.	895.01	
Edinger, Harry L.	Tagger, at \$720, patrol tagger, at \$900, and meat inspector, at \$1,000.	945.00	
Eyre, Will H.	Tagger, at \$720, and meat inspector, at \$1,000.	900.00	
Fenstermacher, L. S. A.	Tagger, at \$720, patrol tagger, at \$900, and foreman of taggers, at \$1,000.	888.34	19.86
Fisher, Wm. H.	Tagger, at \$720 and \$840, and foreman of taggers, at \$1,000.	826.67	
Fletcher, G. C.	Tagger, at \$720, and meat inspector, at \$1,000.	929.99	
Ford, A. W.	do.	930.00	
Gilmore, Frank J.	Tagger, at \$720, and foreman of taggers, at \$1,000.	930.00	22.72
Grant, Geo. K.	do.	883.34	16.00
Halbisch, Harry	do.	941.67	
Jordan, Charles N.	do.	918.34	
McMinistry, Charles	do.	941.67	
Matthews, J. K.	Tagger, at \$720, and meat inspector, at \$1,000.	930.00	
Maxwell, George E.	Tagger, at \$720, meat inspector, at \$1,000, and tagger, at \$840.	890.00	
Miller, Harry L.	Tagger, at \$720 and \$900, and meat inspector, at \$1,000.	929.17	29.05

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Miller, Thomas C.	Tagger, at \$720, meat inspector, at \$1,000, and tagger, at \$840.	\$877.17	
Milner, Clarence A.	Tagger, at \$720, and foreman of taggers, at \$1,000.	930.00	
Moon, Roddy K.	Tagger, at \$720, and meat inspector, at \$1,000.	930.00	\$26.40
Roberts, E. S.	Tagger, at \$720, and foreman of taggers, at \$1,000.	937.67	
Shelton, James E.	do.	893.34	
Sigrist, Fred C.	Tagger, at \$720, meat inspector, at \$1,000, and tagger, at \$840.	634.67	
Smith, H. A.	Tagger, at \$720, foreman of taggers, at \$1,000, and stock examiner, at \$900.	929.17	
Snyder, Alva.	Tagger, at \$720, patrol tagger, at \$900, and meat inspector, at \$1,000.	782.22	36.20
Stubbs, Sherman C.	Tagger, at \$720, and meat inspector, at \$1,000.	930.00	7.81
Turner, A. J.	Tagger, at \$720, patrol tagger, at \$900, and patrol stock examiner, at \$1,000.	\$47.17	
Ulmer, Henry C.	Tagger, at \$720, and foreman of taggers, at \$1,000.	930.00	
Wagner, Clarence L.	Tagger, at \$720, and meat inspector, at \$1,000.	870.00	8.80
White, Timothy P.	Tagger, at \$720, patrol tagger, at \$900, patrol stock examiner, at \$1,000 and stock examiner, at \$900.	915.84	14.30
Wilhelm, John W.	Tagger, at \$720, and foreman of taggers, at \$1,000.	941.67	
Wride, Geo. A.	do.	930.00	
Adams, Ethan.	Tagger, at \$720 and \$840, and stock examiner, at \$900.	794.50	
Amos, Win. M.	Tagger, at \$720, and patrol tagger, at \$900.	653.00	
Atchison, John L.	Tagger, at \$720 and \$900, and stock examiner, at \$900.	789.00	2.80
Bagshaw, Kenzie S.	Tagger, at \$720 and \$840, and stock examiner, at \$900.	797.50	31.30
Bennett, Wm.	Tagger, at \$720 and \$900.	810.00	
Bitner, W. A.	do.	810.00	
Blair, John T.	do.	810.00	
Blondell, Joseph E.	do.	808.00	
Botteron, F. A.	Tagger, at \$720 and \$840, and stock examiner, at \$900.	787.50	
Bratton, James W.	Tagger, at \$720, and patrol tagger, at \$900.	870.00	
Breid, David W.	do.	855.00	
Brown, James R.	do.	534.50	
Brown, John W.	do.	870.00	
Bryant, Wm. C.	do.	875.50	
Bullard, Lewis L.	Tagger, at \$720 and \$900.	810.00	
Burleigh, Frank H.	Tagger, at \$720 and patrol tagger, at \$900.	870.00	
Cain, Wm. H.	do.	750.00	
Cannon, James R.	do.	862.50	
Carr, Joseph G.	Tagger, at \$720 and \$900.	780.00	
Chamberlin, Wm. E.	Tagger, at \$720 and \$840, and clerk, at \$900.	797.50	12.95
Chojnacki, Michael.	Tagger, at \$720, and patrol tagger, at \$900.	855.00	
Clark, W. D.	Tagger, at \$720 and \$900.	810.00	
Clifford, Maxwell.	Tagger, at \$720, and clerk, at \$900.	674.50	
Condon, James.	Tagger, at \$720 and \$900.	806.00	
Cooper, Frederick H.	Tagger, at \$720, and patrol tagger, at \$900.	737.00	
Culver, E. G.	do.	614.00	19.80
Cunningham, N. G.	Tagger, at \$720 and \$840, and stock examiner, at \$900.	800.00	
Damman, F. A.	Tagger, at \$720 and \$900.	633.50	
Denton, Jacob M.	Tagger, at \$720, and patrol tagger, at \$900.	692.00	
Dey, Robert F.	do.	673.50	
Donham, Lewis S.	do.	739.50	
Donohue, Will W.	do.	665.00	
Driscoll, Louis J.	do.	755.50	
Durkee, John R.	Tagger, at \$720 and \$840, and stock examiner, at \$900.	797.50	
Ebling, John W.	Tagger, at \$720, patrol tagger, at \$900, and tagger, at \$840.	359.67	
Eisenreich, Chas.	Tagger, at \$720 and \$900.	726.00	
Evans, Elmer E.	Tagger, at \$720, and clerk, at \$900.	832.50	
Ewing, John L.	Tagger, at \$720, and stock examiner, at \$900.	832.50	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Faulder, Ernest T.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.	\$792.50	.....
Foley, James.....	Tagger, at \$720 and \$900.....	806.00	.....
Forbes, Reuben.....	do.....	810.00	.....
Fox, William.....	do.....	810.00	.....
Gale, Howard C.....	Tagger, at \$720, and patrol tagger, at \$900.....	640.50	.....
Gjertson, Albert G.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.	790.00	\$36.70
Glover, Edward K.....	do.....	797.50	.....
Gray, Robert.....	Tagger, at \$720 and \$900.....	810.00	.....
Hunn, G. Z.....	Tagger, at \$720, and patrol tagger, at \$900.....	462.00	.....
Hagemann, Louis C.....	do.....	855.00	.....
Hard, Larkin E.....	do.....	527.00	.....
Harney, Lloyd C.....	do.....	658.00	.....
Harper, E. A.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.	781.50	.....
Harper, William A.....	Tagger, at \$720, and patrol tagger, at \$900.....	725.50	.....
Hart, John E.....	Tagger, at \$720 and \$900.....	810.00	.....
Harwood, Thomas.....	Tagger, at \$720, and patrol tagger, at \$900.....	733.00	.....
Hauber, John F.....	do.....	555.00	.....
Helvey, Orlando W.....	do.....	855.00	6.20
Huxley, W. J.....	do.....	552.50	12.30
Jeffrey, James G.....	Tagger, at \$720, and stock examiner, at \$900.....	832.50	.....
Jenkins, William.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.	785.00	19.70
Johnson, Mandius.....	Tagger, at \$720, and patrol tagger, at \$900.....	519.00	.....
Jones, Fred B.....	do.....	726.50	20.30
Jost, August.....	do.....	877.50	.....
Justinger, Michael.....	Tagger, at \$720 and \$900.....	810.00	.....
Kellner, Aaron F.....	Tagger, at \$720, patrol tagger, at \$900, and stock examiner, at \$900.	870.00	.....
Kelly, John J.....	Tagger, at \$720, and patrol tagger, at \$900.....	822.00	.....
Ketcham, J. F.....	do.....	440.00	.....
Knox, Harrison H.....	Tagger, at \$720 and \$900.....	810.00	.....
Laird, E. E.....	do.....	810.00	.....
Leech, Walter W.....	Tagger, at \$720, and patrol tagger, at \$900.....	572.50	3.27
Leismann, Jacob.....	Tagger, at \$720 and \$900.....	807.50	.....
Lewis, John D.....	Tagger, at \$720, and patrol tagger, at \$900.....	705.00	.....
Lightner, Len C.....	do.....	463.00	8.12
Lorenzen, John C.....	Tagger, at \$720 and \$900.....	809.00	.....
Lynch, Daniel.....	do.....	810.00	.....
Lyon, Raymond F.....	Tagger, at \$720, and patrol tagger, at \$900.....	750.00	7.95
McCann, John.....	Tagger, at \$720 and \$900.....	803.00	.....
McCraith, Daniel L.....	Tagger, at \$720 and \$840, and patrol tagger, at \$900.	807.83	.....
McEwen, James E.....	Tagger, at \$720, and patrol tagger, at \$900.....	694.50	.....
McKay, William.....	Tagger, at \$720 and \$900.....	585.00	.....
McKibbin, John A.....	Tagger, at \$720, patrol tagger, at \$900, tagger, at \$840, and stock examiner, at \$900.	707.50	.....
McLaughlin, P. S.....	Tagger, at \$720, patrol tagger, at \$900, and stock examiner, at \$900.	870.00	.....
Maxon, Albert T.....	Tagger, at \$720, and patrol tagger, at \$900.....	410.00	.....
Maxson, Rufus Y.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.	795.00	.....
Meade, Albert M.....	do.....	790.00	.....
Metzger, Michael.....	Tagger, at \$720 and \$900.....	510.00	.....
Meyers, Geo. W.....	Tagger, at \$720, and clerk, at \$900.....	825.00	.....
Miller, Samuel H.....	Tagger, at \$720, and patrol tagger, at \$900.....	870.00	.....
Moore, Charles E.....	do.....	780.00	.....
Muncy, Simon G.....	do.....	877.50	.....
Murphy, Wm. H.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.	797.50	.....
Payton, John B.....	Tagger, at \$720 and \$900.....	758.00	.....
Pearce, Chas. E.....	Tagger, at \$720, and patrol tagger, at \$900.....	825.00	.....
Pickett, Theo.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.	800.00	.....
Pilchard, Mack R.....	do.....	797.50	4 05
Platt, Daniel S.....	Tagger, at \$720 and \$900.....	810.00	.....
Purdum, Burt O.....	do.....	498.50	.....
Ray, John C.....	Tagger, at \$720, and patrol tagger, at \$900.....	679.50	.....
Revercomb, Loris T.....	do.....	474.00	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ringle, Albert M., jr.....	Tagger, at \$720, and patrol tagger, at \$900.....	\$374.50	
Robertson, James T.....	Tagger, at \$720 and \$900.....	810.00	
Rohrer, Leonard S.....	Tagger, at \$720, and patrol tagger, at \$900.....	877.50	
Russell, Rufus C.....	do.....	803.00	\$28.95
Rust, Vinton D.....	do.....	612.50	
Sauer, Theodore.....	Tagger, at \$720 and \$900.....	810.00	
Schopp, Henry.....	Tagger, at \$720, and patrol tagger, at \$900.....	855.00	
Schroeder, Geo. H.....	Tagger, at \$720 and \$900.....	810.00	
Shatzell, Harry A.....	do.....	810.00	
Shea, Thomas.....	do.....	810.00	
Shipp, Frank L.....	Tagger, at \$720, and stock examiner, at \$900.....	832.50	
Shortridge, Ireneus.....	Tagger, at \$720 and \$900.....	810.00	
Smith, Thomas M.....	do.....	537.50	
Snell, John W.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.....	800.00	
Spencer, Clyde G.....	do.....	786.00	
Stafford, James R.....	Tagger, at \$720 and \$900.....	810.00	
Steel, James M.....	do.....	791.00	
Stofle, John F.....	Tagger, at \$720, and patrol tagger, at \$900.....	474.50	
Sullivan, Joseph.....	Tagger, at \$720 and \$900.....	810.00	
Swain, Arthur A.....	Tagger, at \$720 and patrol tagger, at \$900.....	735.00	
Swan, John A.....	do.....	680.00	
Timmons, Wilfred H.....	do.....	713.00	
Travers, Fred P.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.....	792.50	14.16
Travis, Don C.....	Tagger, at \$720, and patrol tagger, at \$900.....	458.50	
Troughton, J. E.....	Tagger, at \$720 and \$900.....	810.00	
Van Zile, Jesse F.....	Tagger, at \$720, and patrol tagger, at \$900.....	732.50	
Wager, Geo. E.....	Tagger, at \$720, patrol tagger, at \$900, and stock examiner, at \$900.....	780.00	
Waller, Harvey L.....	Tagger, at \$720, and patrol tagger, at \$900.....	850.00	
Walsh, Walter.....	Tagger, at \$720 and \$900.....	793.00	
Weaver, Nelson E.....	do.....	750.00	
Wycoff, Alva C.....	Tagger, at \$720 and \$840, and clerk, at \$900.....	797.50	
Zimmerman, James A.....	Tagger, at \$720 and \$840, and stock examiner, at \$900.....	787.50	
Bryant, Scott S.....	Tagger, at \$720 and \$840.....	732.00	
Bushong, John A.....	Tagger, at \$720, and clerk, at \$840.....	718.00	37.30
Collins, Sebastian E.....	Tagger, at \$720 and \$840.....	770.00	
Croft, Victor F.....	do.....	735.33	
Hall, Joseph.....	do.....	780.00	
Huey, Carlton.....	do.....	780.00	
Lyle, Hayes S.....	do.....	710.00	3.25
Nell, Wm. F.....	do.....	780.00	
Petts, John.....	do.....	780.00	
Raffensperger, H. B.....	do.....	745.33	
Rivers, Geo. W.....	do.....	780.00	
Robbins, John W.....	do.....	780.00	
Scott, Robert L.....	do.....	780.00	
Trees, Oliver P.....	do.....	780.00	28.80
Wetzel, Raymond W.....	do.....	780.00	29.65
Wolfe, James F. M.....	do.....	780.00	
Adams, J. D.....	Tagger, at \$720.....	162.00	
Anderson, Edward A.....	do.....	556.00	
Anthony, Homer F.....	do.....	28.00	
Atwood, Elmer R.....	do.....	156.00	
Bacon, Frank E.....	do.....	554.00	
Bagby, Lorin.....	do.....	540.00	
Bailey, Roy B.....	do.....	136.00	
Baker, E. T.....	do.....	176.00	34.35
Ballou, Benj. W.....	do.....	530.00	
Banks, Joseph A.....	do.....	188.00	31.25
Barclay, Alec.....	do.....	420.00	
Barker, Leroy W.....	do.....	392.00	
Barr, Thomas D.....	do.....	110.00	
Barr, William A.....	do.....	540.00	
Barton, Carl M.....	do.....	356.00	5.25
Bassett, James J.....	do.....	644.00	25.35
Beck, Solomon.....	do.....	212.00	
Becker, Charles J.....	do.....	316.00	
Bedell, Jesse M.....	do.....	264.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Beeson, George M.	Tagger, at \$720.	\$416.00	
Bell, Charles M.	do.	539.00	
Bevelot, Clement.	do.	202.00	
Bianco, John.	do.	240.00	
Bishop, Louis A.	do.	420.00	
Bittman, George F.	do.	102.00	
Borden, Alfred M., jr.	do.	22.00	
Bouvier, Leland E.	do.	696.00	\$86.30
Boyd, M. E.	do.	660.00	
Brashear, Will M.	do.	672.00	
Breslin, James P.	do.	100.00	
Broderson, Morris.	do.	54.00	
Brodrick, Isaac A.	do.	60.00	
Brooks, J. Ernest.	do.	180.00	
Brown, Charles H.	do.	540.00	
Brown, Samuel W.	do.	166.00	
Brown, Walter L.	do.	6.00	
Buford, Elda.	do.	540.00	14.45
Bundrant, Wm. C.	do.	570.00	
Burke, Geo. A.	do.	566.00	
Burkert, Edward L.	do.	10.00	
Burns, Weighman R.	do.	418.00	
Burwell, William.	do.	548.00	80.15
Butts, Henry.	do.	570.00	18.95
Cahill, Edward.	do.	240.00	
Calderwood, James.	do.	354.00	
Callanan, B. G.	do.	110.00	9.10
Campbell, Homer D.	do.	118.00	
Carey, Vincent J.	do.	558.00	
Carriker, Frank G.	do.	38.00	
Casey, John J.	do.	250.00	
Caviel, Andrew B.	do.	176.00	
Chesley, John W.	do.	218.00	
Clark, Albert O.	do.	240.00	
Cleary, Thomas.	do.	240.00	
Cleary, Thos. F.	do.	346.00	5.77
Clemons, Stanley.	do.	6.00	
Coffman, R. E.	do.	540.00	2.35
Connelly, James F.	do.	256.00	
Conner, Dellas W.	do.	48.00	
Conroy, Geo. A.	do.	96.00	
Cope, Charles.	do.	234.00	
Copelan, Samuel L.	do.	698.00	
Coppage, Henry C.	do.	60.00	
Corbett, Charles M.	do.	138.00	
Coulter, Chas. M.	do.	386.00	
Coulter, Irvine.	do.	6.00	
Craig, A. Rile.	do.	562.00	3.50
Craig, C. F.	do.	26.00	
Crosby, Frank.	do.	104.00	12.40
Cully, John.	do.	234.00	
Curry, Aquilla R.	do.	420.00	
Curry, Fay.	do.	156.00	
Curtis, Wilbert A.	do.	672.00	
Davis, Everett W.	do.	642.00	
Davis, Thomas L.	do.	530.00	
Dawson, Gilbert H.	do.	98.00	
De Forest, Wm. H.	do.	6.00	
De Hart, Leon J.	do.	180.00	
Dietrich, Ernest L.	do.	298.00	11.53
Doane, William E.	do.	438.00	5.50
Doubley, Thomas W.	do.	402.00	
Doughman, Isaac H.	do.	420.00	
Driscoll, John J.	do.	248.00	
Driscoll, Nicholas J.	do.	14.00	
Drum, Michael.	do.	238.00	
Edwards, Thomas H.	do.	718.00	
Eggebrecht, Wm. C. H.	do.	540.00	32.30
Eichelberger, A. M.	do.	220.00	
Endsley, Wm. L.	do.	538.00	
Ertzman, Chas. L.	do.	370.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ervin, Clarence.....	Tagger, at \$720.....	\$538.00	\$7.75
Eubanks, Oliver P.....	do.....	588.00	
Falls, John D.....	do.....	402.00	
Fladness, Sever O.....	do.....	488.00	
Foard, William E.....	do.....	676.00	
Foley, Daniel P.....	do.....	72.00	
Folts, John H.....	do.....	320.00	
Fortune, Steven G.....	do.....	660.00	
Franklin, R. M.....	do.....	600.00	
Frey, Abe B.....	do.....	60.00	
Frey, Joseph.....	do.....	402.00	
Friedrichs, Geo., jr.....	do.....	232.00	
Frizzell, Wm. H.....	do.....	180.00	
Funk, Charles A.....	do.....	2.00	
Fusselman, Milton.....	do.....	540.00	
Galvin, Patrick A.....	do.....	256.00	
Gardner, Arthur G.....	do.....	244.00	
Geise, William.....	do.....	230.00	
Gibson, Francis M.....	do.....	388.00	14.20
Goldmann, Leon.....	do.....	238.00	
Grayson, Oscar H.....	do.....	392.00	60.85
Greenough, A. F.....	do.....	526.00	
Hadley, Carl E.....	do.....	351.00	
Haldeman, Wm. J.....	do.....	366.00	
Hall, Abraham.....	do.....	250.00	
Hall, Chas. A.....	do.....	608.00	
Hall, Edward.....	do.....	10.00	
Hamilton, Thomas B.....	do.....	686.00	
Harris, Reuben H.....	do.....	240.00	
Hartman, Samuel.....	do.....	240.00	
Haughawont, L. L.....	do.....	512.00	
Hawkins, Jesse H.....	do.....	720.00	14.60
Hawkins, Robert B.....	do.....	366.00	
Haynes, Harry W.....	do.....	346.00	
Hazeldine, Thomas A.....	do.....	88.00	
Hellreigl, Fred W.....	do.....	264.00	
Hervey, Hugh H.....	do.....	400.00	
Hewson, George.....	do.....	720.00	
Hickman, John L.....	do.....	672.00	
Higgins, Jacob A.....	do.....	116.00	
Higgins, J. Willard.....	do.....	60.00	
Hill, Perry R.....	do.....	16.00	
Hines, Lindley M.....	do.....	200.00	
Hobbs, Victor O.....	do.....	62.00	
Holmes, Brayton A.....	do.....	480.00	
Holt, Benj. F.....	do.....	436.00	
Hornlein, Otto.....	do.....	720.00	
Horrigan, Joseph.....	do.....	12.00	
Hoylman, Adger A.....	do.....	526.00	
Hudson, Fredk. W.....	do.....	420.00	
Hudson, W. H.....	do.....	314.00	
Huffman, P. J., jr.....	do.....	666.00	
Hufford, Eldo E.....	do.....	540.00	
Huhn, Otto W.....	do.....	554.00	
Hull, Bertram C.....	do.....	60.00	
Hunter, Theodore A.....	do.....	32.00	
Hurley, Daniel J.....	do.....	554.00	
Jacobs, James J.....	do.....	110.00	
Jones, Frank F.....	do.....	412.00	27.95
Kaufman, W. D.....	do.....	12.00	
Keleher, T. F.....	do.....	582.00	18.26
Kennedy, James B.....	do.....	232.00	
Kilventon, Walter J.....	do.....	210.00	
King, Samuel A.....	do.....	420.00	
Kirk, Joseph L.....	do.....	606.00	23.25
Kirsch, Gustave.....	do.....	88.00	18.55
Kniffen, Earl R.....	do.....	640.00	
Koen, Hardy G.....	do.....	50.00	77.85
Koontz, Harry E.....	do.....	540.00	
Kraft, Wm. E.....	do.....	540.00	
Kruse, Fred.....	do.....	404.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kull, Wm. R.	Tagger, at \$720.	\$170.00	
Lalor, Joseph J.	do.	220.00	
Laster, Geo. T.	do.	568.00	\$16.90
Lawrence, Harvey J.	do.	698.00	
Lee, Oscar R.	do.	566.00	47.90
Leeman, Thos. H.	do.	392.00	
Lentz, Edward S.	do.	60.00	279.95
Lewis, Chas. C.	do.	540.00	
Lobejager, John	do.	262.00	
Logan, John W.	do.	540.00	
Lonnon, Charles	do.	540.00	
McCarthy, Edwin J.	do.	68.00	
McCulloch, Donald	do.	522.00	
McDaniel, Oscar D.	do.	92.00	
McDermott, Thos. F.	do.	42.00	
McDonnell, Wm.	do.	452.00	
McEntyre, Joseph A.	do.	238.00	
McGreevy, Jos. P.	do.	154.00	
McHugh, Patrick	do.	248.00	
McKinney, Ora O.	do.	672.00	
McKinstry, Geo. W.	do.	480.00	
McWilliams, Jos. R.	do.	536.00	
Mahoney, T. H.	do.	10.00	
Marcinski, Frank.	do.	540.00	
Marshall, Frank L.	do.	640.00	
Martin, T. J.	do.	56.00	
Maxwell, Walter C.	do.	82.00	
Michael, Chas. E.	do.	558.00	
Midkiff, Henry F.	do.	60.00	
Miller, Oscar V.	do.	68.00	
Mills, Nathan K.	do.	34.00	
Moore, Henry C.	do.	62.00	
Morgan, Paul G.	do.	540.00	
Morrissey, Thos. F.	do.	492.00	
Moss, Clayton F.	do.	538.00	
Mull, Samuel E.	do.	698.00	
Murphy, Glen	do.	382.00	32.15
Murphy, James J.	do.	150.00	
Murphy, John P.	do.	30.00	
Neal, John H.	do.	510.00	
Nuckols, Jacob E.	do.	566.00	
O'Brien, James	do.	250.00	
O'Brien, John	do.	250.00	
Olson, Luther E.	do.	458.00	4.60
Olson, Olaf J.	do.	572.00	35.79
O'Neill, John	do.	252.00	
Orme, F. W.	do.	392.00	
Osborn, H. L.	do.	688.00	
Paden, Charles W.	do.	246.00	
Parks, Virgil H.	do.	174.00	
Patterson, William E.	do.	688.00	
Peppard, Edward A.	do.	540.00	
Peters, George C.	do.	586.00	
Pettis, Albert W.	do.	562.00	
Phettiplace, F. R.	do.	538.00	32.05
Phillips, Isaac B.	do.	582.00	
Phillips, Oscar	do.	608.00	
Phillips, Winfred H.	do.	346.00	
Pierce, Frank	do.	168.00	
Pigott, William	do.	68.00	1.25
Porter, Lee E.	do.	358.00	
Pruitt, S. D.	do.	146.00	
Reardon, John D.	do.	650.00	
Reed, Wesley W.	do.	530.00	
Reeves, Waverly H.	do.	540.00	
Reinhart, Chas. E.	do.	28.00	
Rhoads, Harry	do.	704.00	
Rich, Walter	do.	12.00	
Riley, Frank C.	do.	720.00	
Rinn, Patrick	do.	358.00	
Ritman, William H.	do.	720.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Robinson, Oscar C.	Tagger, at \$720.	\$540.00	
Rucker, John T.	do.	56.00	
Russell, Fred S.	do.	720.00	
Ryan, Joseph.	do.	156.00	
Salsbury, Chas. E.	do.	582.00	
Samuel, Alfred A.	do.	720.00	
Savage, J. B.	do.	600.00	
Schibsby, L.	do.	234.00	
Schluderberg, Ernest.	do.	540.00	
Schlytter, H. R.	do.	48.00	
Schoerve, H. R.	do.	540.00	
Schumacher, C.	do.	172.00	
Schuster, Henry.	do.	420.00	
Seals, Walter L.	do.	646.00	
Seidler, George.	do.	262.00	
Severance, Glen R.	do.	718.00	
Seybold, Chas. M.	do.	540.00	
Shambeau, Chester E.	do.	56.00	
Shanley, Joseph A.	do.	540.00	
Sharp, Fred M.	do.	613.00	\$3.15
Shattuck, Francis R.	do.	572.00	
Shaffstall, Albert C.	do.	558.00	
Shore, Fred V.	do.	694.00	
Simpson, L. W.	do.	46.00	
Sklenka, Fred.	do.	252.00	
Slagle, Marvin C.	do.	158.00	
Sloat, Henry.	do.	720.00	
Smith, Emory H.	do.	138.00	
Smith, Fred.	do.	254.00	
Smith, Howard C.	do.	290.00	
Smith, Walter E.	do.	490.00	
Sniffn, Charles E.	do.	360.00	11.04
Snyder, Bliss.	do.	80.00	
Snyder, William J.	do.	102.00	
Spurlock, Wm. J.	do.	600.00	
Stackhouse, Thos. E.	do.	698.00	
Stilling, Louis J.	do.	250.00	
Stockstill, W. D.	do.	298.00	
Stone, George W.	do.	720.00	
Stoneburner, J. D.	do.	660.00	
Strehlman, W. G.	do.	420.00	
Streit, John E.	do.	60.00	
Stroud, William C.	do.	572.00	
Sturgis, Zadok.	do.	170.00	
Swint, Jacob.	do.	162.00	
Taaake, R. E.	do.	498.00	
Taylor, Alfred A.	do.	676.00	
Taylor, Hurd B.	do.	458.00	
Taylor, Major C.	do.	402.00	
Thompson, Henry S.	do.	204.00	
Thompson, James R.	do.	434.00	9.65
Thullen, Chas. F.	do.	650.00	
Tichenor, Walter A.	do.	684.00	
Tims, John, jr.	do.	152.00	
Tompkins, Jos. M.	do.	20.00	
Vandergriff, E. R.	do.	166.00	
Vanscoy, Robt. M.	do.	678.00	2.60
Venn, James.	do.	112.00	
Waddle, Harry P.	do.	540.00	19.88
Waller, Chas. W.	do.	420.00	9.10
Weathers, Elmer L.	do.	152.00	
Weaver, John H.	do.	104.00	
Webb, Johnnie W.	do.	640.00	58.25
Welch, Homer G.	do.	38.00	
Wepfer, Alfred.	do.	10.00	
West, C. L.	do.	540.00	
Wetzel, Geo. H.	do.	518.00	14.85
White, Francis W.	do.	704.00	
White, John D.	do.	720.00	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Wilkinson, James O	Tagger, at \$720	\$156.00	
Williams, Fall T	do	538.00	
Williams, Homer W	do	720.00	
Williams, Wm. E	do	508.00	\$6.65
Wiltse, Charles	do	22.00	
Wirthwine, Arthur L	do	308.00	
Womack, John T	do	672.00	
Woolm, James E	do	248.00	
Wright, Burdick E	do	314.00	8.55
Ball, Isaac L	Clerk, at \$1,200	106.67	
Dietrich, Ephraim	do	1,200.00	1.95
Hostetler, Altine	Clerk, at \$1,200 and \$1,400	1,275.00	101.62
McEnany, Jos. P	Clerk, at \$1,200	1,200.00	
Small, Cyrus K	Clerk, at \$1,200 and \$1,400	1,333.34	
Wolf, Max	Clerk, at \$1,200	900.00	
Bigley, Chas. J	Clerk, at \$1,000 and \$1,200	1,116.66	
Conoyer, Charles	Clerk, at \$1,000	1,000.00	
Crawford, Wm. S	Clerk, at \$1,000 and \$1,200	1,116.66	
Due, Immanuel	Clerk, at \$1,000	1,000.00	3.95
Fitzgerald, J. N	Clerk, at \$1,000 and \$1,200	1,146.67	
Herriek, Hiram G	Clerk, at \$1,000	1,000.00	
Hoyt, Albert H	do	1,000.00	
Luce, E. B	Clerk, at \$1,000 and \$1,200	1,150.00	
Miller, Samuel M	Clerk, at \$1,000	83.34	
Morse, Chas. H	do	955.55	
O'Malley, J. J	Clerk, at \$1,000 and \$1,200	1,150.00	
Paine, Phelps	Clerk, at \$1,000	1,000.00	
Pew, Chas. S	Clerk, at \$1,000 and \$1,200	1,150.00	
Philpot, Charles W	do	1,150.00	
Schuman, Chas.	Clerk, at \$1,000, \$1,200, and \$840	245.01	
Tourtellotte, S. H	Clerk, at \$1,000 and \$1,200	1,147.23	
Vance, I. N	Clerk, at \$1,000	1,000.00	
Alexander, J. O. W	Clerk, at \$900 and \$1,000	958.34	
Black, Ralph W	Clerk, at \$900	480.00	
Busteed, Henry W	Clerk, at \$900 and \$1,000, and meat inspector, at \$1,000	979.17	
Carroll, John H	Clerk, at \$900 and \$1,000	983.34	
Clark, Geo. W	Clerk, at \$900	900.00	
Grady, Martin P	Clerk, at \$900 and \$1,000	983.34	
Harris, Albert E	Clerk, at \$900	150.00	
Leighton, Orrin L	Clerk, at \$900 and \$1,000	975.00	
Newlove, Harry S	do	466.67	
Newman, Ben F	Clerk, at \$900	900.00	
O'Brien, Joseph C	do	357.50	
Reinsch, Geo. J	Clerk, at \$900 and \$1,000	958.34	
Schwahn, Ella	Clerk, at \$900	627.50	
Smiley, Arthur R	do	622.50	
von Dorn, Calvin W	do	900.00	
Workheiser, H. F. R	do	900.00	29.72
Baily, Wm. E	Clerk, at \$840	476.00	
Baldwin, Henry B	Clerk, at \$840 and \$900	542.00	
Barrett, James W	Clerk, at \$840	630.00	
Bayliss, Harry A	do	326.67	
Belt, Herbert C	do	690.67	
Burson, Wm. M	Clerk, at \$840, foreman of taggers, at \$1,000, and veterinary inspector, at \$1,200 and \$1,400	979.44	22.95
Cole, Myron A	Clerk, at \$840	576.33	
Cooper, Wm. L	do	550.67	17.90
Craigie, Francis L	do	79.33	
Hughes, George H	do	536.67	
Jackson, Edgar	do	840.00	
Jones, George S	do	840.00	
Littlejohn, H. I	do	574.00	
Monnett, Wm. E	do	501.67	
Mumm, John	do	840.00	
Newberry, George W	do	501.67	
Reynolds, Bronte A	do	364.00	4.95
Scheid, Arthur H	do	483.00	
Suiter, Chas. S	do	515.67	
Thompson, Geo. F., jr	do	569.33	
Windham, Chas. F	do	597.33	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hickman, Jessie	Clerk, at \$720 and \$900	\$855.00	
Richards, Alice H.	Clerk, at \$720	652.00	
Williams, Marion	do.	436.00	
Le Doux, Oscar M.	Clerk-typewriter, at \$900	350.00	
Hotaling, Ellis K.	do.	350.00	
Ellmaker, H. D.	Clerk-typewriter, at \$840	431.67	\$50.20
Hillegass, Harry E.	do.	429.33	
Hoff, R. Warren	do.	399.00	
Kitzhofer, Jos. H.	do.	177.33	
Osborn, C. F.	do.	175.00	
Putnam, L. R.	do.	420.00	
Walshe, W. Joseph	do.	436.33	
Moore, Frederick W.	Clerk, stenographer, and typewriter, at \$900	710.00	
Brackett, I. S.	Clerk, stenographer, and typewriter, at \$600	148.33	
Brookington, B.	Carpenter, at \$4 per diem	36.00	
Coles, Richmann	Laborer, at \$2.50 per diem	765.00	2.25
Tuke, W. F.	Laborer, at \$2.50 per diem, and meat inspector, at \$1,000.	649.17	
Costello, Fred.	Laborer, at \$720	18.00	
Hughes, James F.	Laborer, at \$720, patrol tagger, at \$900, and meat inspector, at \$1,000 and \$1,200.	\$71.17	25.19
McDermott, Roger	Laborer, at \$720	336.00	
Parkerson, Wm. E.	do.	264.00	
Beckstead, F. H.	Laborer, at \$2 per diem	564.00	3.35
Burke, James F.	do.	22.00	
Coleman, G. J.	Laborer, at \$2 per diem, and tagger, at \$720	662.00	
Davis, John B.	Laborer, at \$2 per diem	210.00	
Deen, James	do.	544.00	
Grable, Hiram	Laborer, at \$2 per diem, tagger, at \$720, and classified laborer, at \$840.	699.00	
Eastman, J. O.	Laborer, at \$2 per diem, and tagger, at \$720	640.00	
Donnan, A. E.	Laborer, at \$2 per diem	194.00	
Harrington, Daniel P.	do.	134.00	
Hubbard, Henry F.	Laborer, at \$2 per diem, and tagger, at \$720	628.00	
Ivers, Robert	Laborer, at \$2 per diem	450.00	
McClure, Stephen A.	do.	102.00	
McCune, Stephen	do.	120.00	
Melvin, O. E.	do.	616.00	
Menig, Albert	do.	74.00	
Riston, William G.	do.	6.00	
Sergeant, F. W.	Laborer, at \$2 per diem, and tagger, at \$720	700.00	
Small, J. M.	Laborer, at \$2 per diem	258.00	
Smith, Wm.	do.	244.00	
Watson, W. G.	do.	106.00	
Dewey, Edith W.	Laborer, at \$30 per month	273.00	
Lace, Isabella	do.	39.00	
Morrison, Mary	do.	360.00	
Howard, Leonard	Laborer, at \$1.50 per diem	1.50	
Perry, Harry	do.	1.50	
Stelljes, H. E. A.	Messenger, at \$360	255.00	
Elliott, Ella F.	Charwoman, at \$0.75 per diem	233.25	
Total		1,784,379.92	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Abbe, C. M. ....	80.40	Yawman & Erbe Manufacturing Co. . . . .	\$211.98
American Lead Pencil Co. ....	432.75	Zeisenietz, Wm. H. ....	6.30
Andrews Co., A. H. ....	2.25		
Andrews Paper Co., R. P. ....	194.70	Total .....	8,935.70
Arp, J. H. ....	11.00		
Autofiller Pen Co. ....	8.00	<i>Miscellaneous supplies, etc.</i>	
Ballantyne, R. Carter. ....	235.51	Abell Company, A. S. ....	10.58
Beavers, G. F. ....	.50	Adams, Byron S. ....	5,520.00
Berkmeyer, Keck & Co. ....	5.50	Advertiser Co., The. ....	9.00
Brentano's (Incorporated). ....	2.75	Allen, J. J. ....	60.00
Buckley & Co. (Limited), J. ....	4.75	Allen, S. ....	334.00
Bunker & Fretz. ....	7.50	American Can Co. ....	8.60
Burke Co., J. W. ....	9.50	American Co. (Nashville) . . . . .	11.56
Burnap Stationery and Printing Co., F. P. ....	30.00	American Co. (Vicksburg) . . . . .	11.70
Buxton & Skinner Stationery Co. ....	30.75	American Felt Co. ....	9.00
Calloway Co., B. F. ....	6.25	American Railway Supply Co. ....	800.00
Chadwick Copying Book Co. ....	983.59	American Tag Co. ....	1,335.00
Chamberlain & Taylor Co. ....	11.00	Andrews Co., A. H. ....	14.00
Clarke, John S. ....	4.50	Ardmoreite Publishing Co. ....	7.75
Cotterel, D. W. ....	9.50	Argus Leader Co. ....	9.75
Cunningham, Curtis & Welch. ....	5.50	Arizona Publishing Co. ....	9.15
Davison & Co., H. C. ....	73.10	Armourdale Ice Co. ....	7.26
Eagle Pencil Co. ....	36.24	Armstrong Laundry. ....	14.97
Fisher-McGill Co. ....	.45	Atherton, O. G. ....	.65
Goldsmith Book and Stationery Co. ....	3.50	Austin Statesman Co. ....	5.75
Graves & Son, Jos. ....	5.00	Ayer, Don C. ....	198.00
Harger & Blish. ....	5.50	Babeock, H. C. ....	308.00
Havens Co., Jos. D. ....	6.50	Baker, L. R. ....	316.00
Haskins Co., Wm. H. ....	40.00	Ballantyne & Sons, Wm. ....	24.30
Fooper Co., Lewis. ....	56.42	Bangor Daily Commercial. ....	3.75
Huston, F. S. ....	4.00	Barber Creamery Supply Co., A. H. . . . .	8.35
Inglis Stationery Co. ....	14.95	Barber & Ross. ....	218.83
Jackson, Horace H. ....	2.45	Barker & Kelly. ....	22.50
Keystone Printing Co. ....	5.50	Barnes, E. E. ....	140.00
Lamb & Tilden. ....	96.20	Barnes, S. E. ....	6.00
Lewis & Co., W. Cary. ....	46.05	Baumgarten Co., Herman. ....	6.00
Library Bureau. ....	302.03	Beavers, G. M. ....	17.10
Lincoln, Fred S. ....	1.45	Beavers, John M. ....	31.00
Lindemeyr, Philip. ....	88.80	Behnke, Albert E. ....	130.00
McDowell Bros. ....	7.25	Belo & Co., A. H. ....	11.50
McKinney & Doubleday. ....	18.50	Bennett Co. ....	4.75
Malcolm, T. H. ....	3.00	Bennett, S. E. ....	360.00
Miller & Co., G. W. ....	17.50	Bernasco, Joseph. ....	92.50
Miller & Co., W. R. ....	11.00	Bertram, E. L. ....	323.00
Morrison Paper Co., E. ....	61.50	Blackwell, J. E. ....	336.00
Office Supply Co. ....	7.00	Blount, S. L. ....	2.40
Orchard & Wilhelm Carpet Co. ....	.40	Brentano's. ....	30.90
Otto Ulbrich Co. ....	1.10	Brooks & Co., E. J. ....	1,451.05
Parker, D. Frank. ....	490.65	Brougham, J. J. ....	318.00
Plimpton Manufacturing Co. Div. ....	11.00	Bruce, Mary E. ....	42.75
Pusey & Co. ....	11.50	Brundage, Mrs. Minnie. ....	48.00
Read & White. ....	6.25	Buck Manufacturing Co., T. S. ....	186.30
Schmidt, Fred A. ....	8.80	Bulletin Pub. Co. (Limited). ....	12.16
Sharp & Sons, F. ....	6.00	Burt, S. W. ....	75.00
Smith Premier Typewriter Co. ....	30.00	Burman, Herman. ....	175.00
Smith Manufacturing Co., R. H. ....	45.05	Butler, Geo. W. ....	35.83
Southern Stamp & Stationery Co. ....	8.00	Butte Miner Co. ....	9.60
Stiles, C. H. ....	4.25	Cady, J. S., jr. ....	2.03
Stockett Fiske Co. ....	13.20	Camden Daily Courier. ....	11.97
Stoll Blank Book and Stationery Co. ....	19.50	Capital Journal. ....	5.33
Stott & Co., Chas. G. ....	4.10	Capital News Publishing Co. (Lim- ited). ....	9.60
Stott Stationery Co. ....	22.25	Carson City News. ....	21.10
Swayze, W. L. ....	3,487.41	Carter, N. E. ....	156.81
Thatcher & Kling. ....	12.00	Carter & Russell Publishing Co. ....	7.18
Thomson, C. S. ....	9.75	Casey, L. E. ....	6.00
Tower Manufacturing and Novelty Co Typewriter and Office Supply Co. ....	30.34	Charleston Publishing Co. ....	12.80
Union Envelope Co. ....	255.00	Chicago Car Seal and Manufacturing Co. ....	240.63
United States Envelope Co. ....	1,268.73	Chicago Edison Co. ....	93.00
Universal Register Co. ....	5.50	Chicago Towel Supply Co. ....	10.44
Walls, A. C. ....	1.55	Church & Stephenson. ....	1,041.63
Ward Co., Samuel. ....	30.00	Cincinnati Butchers' Supply Co. ....	11.20
Wilson Co., Thos. H. ....	7.00	Citizen Printing and Publishing Co. ....	13.20
Winch-Slayden Stationery Co. ....	7.00	Clarion Ledger. ....	12.40
Wyckoff Co. ....	8.75		



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Clarke Co., John B. ....	\$34.80	Herald Publishing Co. (Portsmouth).....	\$10.40
Cole Hardware Company, Hermon.....	1.75	Herald Publishing Co. (Shawnee).....	6.10
Columbia Towel Supply Co. ....	10.25	Herald (Rutland).....	3.40
Commercial News Publishing Co. ....	4.50	Herald Transcript Co. ....	6.20
Commercial Publishing Co. ....	13.20	Higgins, J. G. ....	6.75
Constitution Publishing Co. ....	9.60	Hoen & Co., A. ....	1,050.00
Consumers Co. ....	102.25	Holtgrewe, Fred. ....	6.50
Cornwell & Son, G. G. ....	2.30	Howard, Geo. E. ....	4,302.36
Cox, B. M. ....	151.67	Howard Label Co. ....	158,442.50
Cox, G. E. ....	34.50	Howe, W. E. ....	120.00
Crane Co., Wm. M. ....	29.00	Howland & Ask. ....	70.00
Crittendon Co., Chas. N. ....	10.00	Huntington, F. W. ....	281.00
Daily Alaskan. ....	7.41	Illinois State Register. ....	5.30
Daily Mail, The. ....	7.95	Imler, F. A. ....	66.00
Daily News Publishing Co. ....	8.40	Initial Towel Supply Co. ....	3.05
Dallas News. ....	11.25	International Seal Co. ....	180.01
Dameron-Pierson Co. (Limited). ....	5.00	International Seal and Lock Co. ....	6,025.00
Darling, Robt. ....	150.00	Johnson, Albert L. ....	23.65
Delaware State News Publishing Co. ....	7.80	Joseph, Jesse. ....	2.75
Democrat Publishing Co. ....	9.60	Journal Co. (Kansas City). ....	12.50
Dennison Manufacturing Co. ....	100.00	Journal of Commerce and Commercial Bulletin. ....	9.90
Des Moines Capital. ....	6.96	Journal Printing Co. ....	4.24
Devere Electric Co. ....	12.50	Joyce Engraving Co., M. ....	39.40
Dexheimer & Co., H. J. ....	13.20	Kalamazoo Gazette. ....	15.84
Dick Co., A. B. ....	61.75	Kann, Sons & Co., S. ....	6.56
Dillinger Co., J. S. ....	9.00	Kansas City Stock Yards Co. of Missouri. ....	18.00
Dispatch Publishing Co. ....	8.10	Kellogg Switchboard and Supply Co. ....	8.75
Dorrington, J. W. ....	6.30	Kelly Laundry. ....	1.41
Du Perow, M. ....	56.70	Kelly Towel Supply Co. ....	9.11
Durant Daily News. ....	6.00	Ketchum, F. D. ....	360.00
Eagle, R. F. ....	264.00	Killian, G. P. ....	7.50
Earl and England Publishing Co. ....	14.60	Knapp & Co., Geo. ....	26.00
Eastern Argus Publishing Co. ....	5.12	Kresse Book and Stationery Co. ....	5.25
Edmonston, Chas. R. ....	84.08	Lamb & Tilden. ....	229.02
Elliott & Co., James. ....	18.50	Lambie Co., J. B., Inc. ....	747.62
Enquirer Co. ....	21.20	Lansburgh & Bro. ....	34.80
Ergood & Co., J. C. ....	19.60	Laramie Boomerang. ....	8.45
Espey, John B. ....	7.36	Lauterbach, A. ....	1.50
Evansville Courier Publishing Co. ....	18.90	Leavenworth Times. ....	11.60
Evening Journal Association. ....	8.64	Leggett & Co., F. H. ....	12.70
Evening News Association. ....	21.60	Lewiston Journal Co. ....	3.30
Evening Press Co. ....	8.50	Lexington Leader. ....	7.44
Evening Star Newspaper Co. ....	16.95	Longmans, Green & Co. ....	15.75
Evening Telegram. ....	5.70	Louisville Times Co. ....	14.75
Evening Telegraph Publishing Co. ....	6.38	Lowdermilk & Co., W. H. ....	114.20
Evening Times. ....	10.80	Lutz & Co. ....	37.00
Fair, The. ....	29.19	Macmillan Co. ....	36.00
Fisher-McGill Co., The. ....	16.27	Macy & Co., R. H. ....	45.30
Fisher, W. W. ....	1.25	Madison Democrat. ....	13.00
Fleming, James. ....	426.00	Mann & Co., P. ....	2.60
Fleming, Wm. R. ....	12.50	Marine Towel Supply Co. ....	7.80
Forington, C. Scott. ....	5.00	Martin & Day Ice and Fuel Co. ....	10.00
Forum Printing Co. ....	10.00	Menagh Co., John S. ....	4.90
Fowler Manufacturing Co. (Limited). ....	28.31	Meridian Star Publishing Co. ....	9.15
Free Press Association. ....	8.85	Meyer & Bro. ....	10.00
French Bros. ....	.56	Miller Lock Co. ....	107.20
Fulton & Co., C. C. ....	3.90	Minnesota Tribune Co. ....	11.00
Gate City Towel Co. ....	25.52	Monarch Typewriter Co. ....	960.00
Gilhaus, G. E. ....	89.07	Montana Record Publishing Co. ....	11.80
Globe Journal. ....	19.20	Moore Co., The. ....	1,121.00
Globe Newspaper Co. ....	12.50	Morgan & Wright. ....	268.36
Great Bear Spring Co. ....	68.30	Morning News. ....	12.80
Greenville News Co. ....	8.40	Morning Star. ....	6.60
Greer, Frank H. ....	11.60	Morrison Tent and Awning Co. ....	21.80
Gregory, Marvin. ....	75.00	Moskowitz, M. ....	.13
Grisnell, J. A. ....	310.00	Muth & Co., Geo. F. ....	20.54
Guard Printing Co. ....	9.45	Nacey Co., P. ....	134.05
Hanson, C. H. ....	2.35	National Electric Supply Co. ....	77.67
Harrington & King Per. Co. ....	53.25	Nawrath, J. P. ....	88.79
Hartford Daily Times. ....	7.95	Nebraska State Journal. ....	10.15
Hauck & Sons, Adam. ....	6.00	Neehan, B. J. ....	62.50
Hawley & Co., T. ....	.50	Nettleton, F. N. ....	2.75
Hayden & Co., E. J. ....	7.00	Nevada State Journal. ....	2.56
Hendry, Alexander. ....	471.47	New Mexican Printing Co. ....	8.25
Herald Co. (Duluth). ....	9.00	News Corporation. ....	7.56
Herald Co. (Salt Lake City). ....	2.58		
Herald Publishing Co. (Augusta). ....	13.20		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
News and Observer Publishing Co. . . . .	\$10.25	Swett, Chas. P. . . . .	\$0.55
News Publishing Co. (Charlotte) . . . . .	9.60	Swift & Co. . . . .	2.10
News Publishing Co. (Nebraska City) . . . . .	5.20	Tacoma Ledger . . . . .	9.98
News Publishing Co. (Wilmington) . . . . .	7.08	Tape Bros. . . . .	73.00
News Times Publishing Co. . . . .	7.65	Times Mirror Co. . . . .	11.80
Nicholson & Son, J. A. . . . .	10.00	Times Printing Co. (Chattanooga) . . . . .	16.50
Nickerson & Collins Co. . . . .	30.00	Times Publishing Co. . . . .	7.25
Novelty, The . . . . .	1.20	Times Union . . . . .	11.70
Oakland Herald Publishing Co. . . . .	6.30	Toledo Blade Co. . . . .	8.82
O'Bryon, Philip M. . . . .	8.00	Topeka Capital. . . . .	5.90
Oklahoma Publishing Co. . . . .	5.60	Townsend, N. L. . . . .	75.00
Okonite Co. (Limited) . . . . .	11.00	Transit House Stores . . . . .	15.26
Oliver Schlemmer Co. . . . .	14.20	Tribune Association . . . . .	33.60
Omaha Electric Light and Power Co. . . . .	.75	Tribune Co. (Chicago) . . . . .	34.30
Optic Co. . . . .	8.45	Tribune Publishing Co. (Cheyenne) . . . . .	10.08
Otter, John J. . . . .	10.96	Tuck, Richard W. . . . .	187.00
Pacific Butchers' Supply Co. . . . .	.75	Tuegel, C. . . . .	21.25
Parkersburg Sentinel. . . . .	5.20	Typewriter and Office Supply Co. . . . .	9.30
Parks & Co., Geo. . . . .	130.27	Underwood Typewriter Co. . . . .	3,818.55
Patent Fin Hot Water Heat Co. . . . .	28.55	Universal Register Co. . . . .	2.75
Pensacola Journal . . . . .	14.40	Virginian and Pilot Publishing Co. . . . .	8.40
People and Patriot Co. . . . .	12.00	Vogt, Anton. . . . .	8.35
Philadelphia Inquirer Co. . . . .	26.00	Voigt, Edward. . . . .	1,841.00
Philadelphia Item. . . . .	27.00	Volunteer Publishing Co. . . . .	3,133.76
Pitman, T. T. . . . .	6.46	Walbridge & Co. . . . .	21.50
Plain Dealer Publishing Co. . . . .	11.20	Wallace, A. H. . . . .	300.00
Post-Intelligencer Co. . . . .	10.60	Washington Post Co. . . . .	22.35
Post Publishing Co. (Cincinnati) . . . . .	18.88	Weaver, R. H. . . . .	16.00
Post Publishing Co. (Pittsburg) . . . . .	16.96	Webster Co., F. S. . . . .	1.50
Postmaster (Washington, D. C.) . . . . .	8.00	Wende, Bernhard P. . . . .	360.00
Powers, J. H. . . . .	4.15	Western Electrical Co. . . . .	5.65
Pratt, Wm. E. . . . .	576.00	West Virginia Printing Co. . . . .	6.89
Preston & Round Co. . . . .	8.50	Wiborg & Hanna Co. . . . .	4.80
Probey Carriage Co. . . . .	100.00	Wichita Beacon . . . . .	17.70
Providence Telegram Publishing Co. . . . .	7.15	Wiegand, Martin. . . . .	21.25
Quattlander, John . . . . .	16.50	Wiley & Sons, John . . . . .	3.42
Rand-McNally Co. . . . .	10.50	Williams Co., N. A. . . . .	8.96
Rapier, Thos. G. . . . .	13.25	Withers, Robert A. . . . .	8.00
Rau, John C. . . . .	13.65	Worcester Post Co. . . . .	11.50
Reilly, Hugh. . . . .	28.95	World Printing Co. . . . .	12.60
Remington Typewriter Co. . . . .	2,230.55	Zoeckler, Bruno. . . . .	5.00
Republican Co. (Springfield) . . . . .	5.50		
Republican Printing Co. . . . .	9.75	Total. . . . .	210,198.59
Revalk & Co., R. E. . . . .	15.00		
Rich, Theodore S. . . . .	180.00		
Rishel, Albert E. . . . .	300.00		
Roche, Thomas. . . . .	.96		
Rudolph & West Co. . . . .	38.04		
Ruggles-Gale Co. . . . .	10.50		
Ryder, J. F. . . . .	540.00		
San Francisco Call. . . . .	18.00		
Sansbier, W. F. . . . .	4.00		
Schauffer, C. A. . . . .	360.00		
Schondau & Lynch. . . . .	14.00		
Sedder, Edward W. . . . .	10.60		
Seamark, Harry F. . . . .	44.20		
Sentinel Co. . . . .	6.58		
Shea, N. H. . . . .	42.75		
Slingo, F. P. . . . .	10.80		
Smith, Herbert M. . . . .	14.17		
Smith & Bros. Typewriter Co., L. C. . . . .	640.00		
Snyder & Co., E. H. . . . .	1.00		
Southern Printers' Supply Co. . . . .	204.93		
Spartansburg Herald Co. . . . .	12.40		
Spokane Chronicle Publishing Co. . . . .	5.70		
Stafford, J. R. . . . .	275.00		
Standard Association . . . . .	9.83		
Standard Publishing Co. . . . .	15.75		
Star-Independent . . . . .	10.80		
Star-Journal Publishing Co. . . . .	15.30		
Star Publishing Co. . . . .	6.48		
State Company . . . . .	9.00		
State Republican. . . . .	9.96		
Steiger & Co., F. . . . .	16.80		
Sternkopf Sons, H. . . . .	66.00		
Stock Yard Hardware and Paint Co. . . . .	24.60		
Sutton, Clemmons G. . . . .	216.00		
		<i>Furniture.</i>	
		Andrews & Co., A. H. . . . .	93.00
		Antique Furniture Co. . . . .	17.00
		Baker Office Furniture Co. . . . .	33.00
		Bari Dry Goods Co., Wm. . . . .	67.31
		Bedell Manufacturing Co. . . . .	20.00
		Bolte Bros. Furniture and Carpet Co. . . . .	15.00
		Bowman Furniture Co. . . . .	32.00
		Bronson Desk Co., R. D. . . . .	142.55
		Carey, M. P. . . . .	12.00
		Clark Co., Rex B. . . . .	8.00
		Cook Laurance Co. . . . .	10.50
		Cooper & Powell Furniture Co. . . . .	60.00
		Coy & Hutchins. . . . .	54.91
		Davidson & Bros., S. . . . .	25.65
		Davis-Sortier Co. . . . .	43.15
		Dencer Co., M. . . . .	80.00
		Derby Desk Co. . . . .	102.50
		Dives, Pomeroy & Stewart . . . . .	35.75
		Drake Furniture and Carpet Co. . . . .	5.50
		Duff & Repp Furniture Co. . . . .	16.50
		Dulany Co., Wm. J. C. . . . .	6.75
		Etnire, Jno. W. . . . .	16.25
		Fair, The . . . . .	45.25
		Fakes & Co. . . . .	21.25
		Globe-Wernicke Co. . . . .	45.00
		Goldsmith Co., B. S. . . . .	84.00
		Goodman, L. W. . . . .	22.00
		Greene, J. W. . . . .	66.60
		Hale Desk Co. . . . .	10.00
		Halme & Co. . . . .	11.00

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture—Continued.</i>		<i>Freight—Continued.</i>	
Hax Furniture Co., Louis.....	\$20.70	Chicago, Burlington and Quincy Rwy. Co.....	\$5.23
Herring Sons & Co., O.....	51.90	Chicago Great Western Rwy. Co.....	4.40
Himmel & Son, M. L.....	22.78	Chicago, Indianapolis and Louisville Rwy. Co.....	.52
Hoeke, W. H.....	1,223.27	Chicago, Milwaukee and St. Paul Rwy. Co.....	2.62
Home Furniture Co.....	1.00	Chicago and Northwestern Rwy. Co.....	.30
Iowa House Furnishing Co.....	29.50	Chicago, Rock Island and Gulf Rwy. Co.....	7.69
Jack & Hartley.....	44.50	Chicago, Rock Island and Pacific Rwy. Co.....	14.68
Jacoby Furniture Co.....	36.00	Cincinnati, Hamilton and Dayton Rwy. Co.....	.34
Jones & Luberger.....	61.00	Cincinnati Northern R. R. Co.....	.43
Keena & Drake.....	5.00	Cleveland, Cincinnati, Chicago and St. Louis Rwy.....	.70
Keith Furniture and Carpet Co., Robt.....	45.05	Clute, Alva B.....	.18
Kelly, Thomas.....	18.75	Delaware, Lackawanna and Western.....	.44
Kirkpatrick Furniture Co., J. G.....	10.00	Dolan Teaming Co., J. F.....	.12
Kistler Stationery Co., M. H.....	63.00	Erie R. R. Co.....	15.91
Kreiner Co., C. & A.....	7.75	Glynn Transfer Co.....	11.25
Lansburgh Furniture and Carpet Co., J.....	265.00	Harris, Chas.....	65.50
Leroy & White.....	22.00	Houston and Texas Central R. R. Co.....	1.20
Library Bureau.....	3,625.01	Illinois Central R. R. Co.....	9.13
Lindholm Furniture Co.....	35.00	Joy Steamship Co.....	.25
Lucas Bros.....	29.94	Lake Erie and Western R. R.....	3.38
McPartland & O'Flaherty.....	1.35	Lake Shore and Michigan Southern.....	3.52
Macy & Co., R. H.....	184.23	Lehigh Valley R. R. Co.....	1.19
Manges Bros.....	79.50	Littlefield, Alvord & Co.....	34.60
Martin, Joseph.....	16.00	Lloyd Transfer Co. (Incorporated).....	.75
Matthews, C. E.....	35.00	Maine Central R. R. Co.....	.88
Moses & Sons, W. B.....	86.65	Mendenhall Transfer Co.....	14.95
Murphy, Geo. S.....	15.00	Metropolitan Steamship Co.....	.58
Neilan Typewriter Exchange.....	4.00	Michigan Central & R. Co.....	11.55
Norris Safe and Lock Co.....	92.00	Missouri Pacific R. R. Co.....	2.04
Northwestern Furniture Co.....	10.25	New York Central and Hudson River R. R. Co.....	4.89
Ogden Furniture Co.....	56.55	New York, New Haven and Hartford R. R. Co.....	1.97
Pantoni & White Co.....	40.64	O'Heron, John J.....	10.50
Phoenix, The.....	107.25	Oregon Transfer Co.....	.22
Potter & Co. (Incorporated).....	61.50	Pennsylvania R. R. Co.....	23.88
Reifer Furniture Co. (N. S.).....	9.80	Price, John.....	30.00
Reindel & Co., Geo. J.....	24.00	Snow Forwarding Co.....	1.80
Rockwell-Wabash Co.....	10.35	Southern Rwy. Co.....	.87
Ryan & Co.....	49.25	Star Union Line.....	3.19
Scruggs, Vandervoort, Barney.....	12.25	Toledo, Peoria and Western Rwy. Co.....	.72
Schupp & Schmidt Manufacturing Co.....	12.50	Tyler, Wm. H.....	4.50
Siegel, Cooper & Co.....	6.75	Union Pacific R. R. Co.....	1.43
Sellew, T. G.....	410.05	Wabash R. R. Co.....	2.48
Schwartz & Son, A.....	20.75	Wells, James.....	3.47
Spillman & Zearing.....	5.00		
Taylor, O. L.....	36.50	Total.....	440.06
Taylor & Manahan.....	13.50		
Taylor Office Supply Co.....	42.40	<i>Express.</i>	
Tettenborn & Co.....	11.00	Adams Express Co.....	267.61
Thompson Bros.....	8.50	Ayer, D. C.....	7.80
Underwood Typewriter Co.....	36.00	United States Express Co.....	150.67
Van Dyk Furniture Co.....	109.08		
Voight, Edward.....	11.00	Total.....	426.08
Wedelstardt Co., Henry.....	61.50		
Weigel Furniture Co.....	63.40	<i>Telegraph.</i>	
Williams Furniture Co.....	18.00	Postal Telegraph-Cable Co.....	647.17
Wood Co., W. B.....	27.00	Stuart, J. E. D.....	.52
Woodward & Lothrop.....	632.74	Western Union Telegraph Co.....	516.15
Yawman & Erbe Manufacturing Co.....	1,174.28	Total.....	1,163.84
Total.....	10,415.09		
		<i>Telephone.</i>	
<i>Freight.</i>		Armour Packing Co.....	36.00
Aitchison, Topeka and Santa Fe R. R. Co.....	13.36	Bell Telephone Co. of Missouri.....	24.35
Baltimore and Ohio R. R. Co.....	2.33	Bell Telephone Co. (Philadelphia).....	160.00
Baltimore and Ohio Southwestern R. R. Co.....	2.39		
Biglin, Bernard.....	10.96		
Boston and Maine R. R.....	2.29		
Central R. R. Co. of New Jersey.....	1.47		
Chapman, S. M.....	101.50		
Chesapeake and Ohio Rwy. Co.....	2.55		
Chicago and Alton Rwy. Co.....	2.56		



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Telephone—Continued.</i>		<i>Rent—Continued.</i>	
Chesapeake and Potomac Telephone Co.....	\$127.86	Silber, Arthur M.....	\$500.00
Chicago Telephone Co.....	176.68	Sioux City Stock Yards Co.....	240.00
Colorado Telephone Co.....	54.63	Society for Savings Building.....	297.00
Cudahy Packing Co.....	13.50	Trustee Co.....	50.00
Cuyahoga Telephone Co.....	18.00	Union Stock Yard and Transit Co.....	1,900.00
Fowler Packing Co.....	15.00	United Owners' Realty Corporation.....	144.00
Frontier Telephone Co.....	48.00	Total.....	18,600.51
Home Telegraph and Telephone Co.....	48.00	<i>Gas and electricity.</i>	
Indianapolis Telephone Co.....	80.00	Public Service Corporation of New Jersey.....	5.12
Iowa Telephone Co.....	48.00	St. Clair County Gas and Electric Co.....	7.15
Kansas City Home Telephone Co.....	10.55	University of California.....	36.00
Kinlock Telephone Co.....	54.00	Total.....	48.27
McGuire, F. C.....	5.35	<i>Apparatus, instruments, and laboratory material.</i>	
Maryland Telegraph and Telephone Co.....	48.00	American Distributing Co.....	185.99
Michigan State Telephone Co.....	74.00	Bausch & Lomb Optical Co.....	434.86
Missouri and Kansas Telephone Co.....	139.50	Bishop & Co., J.....	1,639.53
Morris & Co., Nelson.....	12.00	Cincinnati Butchers' Supply Co.....	240.00
Nebraska Telephone Co.....	54.00	Daigger, A.....	11.25
New England Telegraph and Telephone Co.....	256.50	Eimer & Amend.....	573.39
New York Telephone Co.....	237.05	Evans, Henry.....	5.50
New York and New Jersey Telephone Co.....	151.48	Faxon & Gallagher.....	23.12
North Eastern Telephone Co.....	25.00	Gilman, Z. D.....	107.99
Pacific Telegraph and Telephone Co.....	36.90	Greiner Co., Emil.....	49.25
Pacific States Telegraph and Telephone Co.....	15.69	Hammond Distilling Co.....	22.50
Pittsburgh & Allegheny Telephone Co.....	20.00	Hcil Chemical Co., Henry.....	8.40
Providence Telephone Co.....	37.35	Justinian Caire Co.....	80.31
Sioux City Telephone Co.....	27.00	Leitz, Ernst.....	4.13
Weehawken Stock Yard Co.....	23.70	Mackall Bros.....	290.60
Wisconsin Telephone Co.....	36.00	Mallinckrodt Chemical Works.....	4.80
Total.....	2,114.09	Oliver Schlemmer Co.....	100.00
<i>Rent.</i>		Parke Davis & Co.....	40.00
Adams, Emma J. and M. E.....	366.93	Pullman, E. J.....	8.16
American Radiator Co.....	770.00	Redington & Co.....	25.94
Belt R. R. and Stock Yard Co.....	120.00	Richardson Drug Co.....	106.19
Bourbon Stock Yard Co.....	122.00	Sargeant & Co., E. H.....	3,486.52
Caldwell & Johnson.....	40.00	Sharp & Smith.....	2.25
Cincinnati Union Stock Yards Co.....	180.00	Thomas Co., A. H.....	41.35
Denver Union Stock Yards Co.....	288.00	Whitall, Tatum Co.....	3.50
Dold, Fred.....	113.33	Wyeth & Bro. (Incorporated), Jno.....	1,619.53
E. Buffalo Live Stock Exchange Co.....	360.00	Total.....	9,115.06
Fort Worth Stock Yards Co.....	210.00	<i>Printing and binding.</i>	
Fuller, E. M., Agent.....	15.00	Public Printer.....	10,436.24
Gahan & Byrne.....	2,700.00	<i>Travel and station and field expenses.</i>	
Gill, R. T., R. L., A. S., A. A. & C. B.....	125.00	Abbe, C. M.....	11.08
Grand Trunk Rwy. System.....	150.00	Abbott, E. W.....	43.48
Hammond Building Co.....	287.50	Abel, Louis.....	115.80
Illinois State Trust Company Bank.....	150.00	Ackerknecht, Chas. A.....	36.99
Independent Stock Yard Co.....	300.00	Ainsworth, Fred'k W.....	114.00
Kansas City Stock Yards Co. of Missouri.....	726.00	Alden, Chas.....	56.85
Kirby, S. S.....	250.00	Allan, James A.....	35.85
Lincoln Trust Co., of New Jersey.....	440.00	Allott, Leonard J.....	30.35
McDermott, D. J.....	385.00	Anders, T. O.....	25.30
Macheca Real Estate and Improvement Co., Limited.....	317.00	Anderson, F. N.....	19.32
Manufacturers' National Bank of Brooklyn.....	116.70	Anderson, M. O.....	41.16
Mason, Chas. H.....	80.00	Andress, Wm. R.....	63.39
Munsey, Frank A.....	3,789.96	Andrews, Thomas A.....	86.90
Oliver Building (trustees).....	900.00	Armstrong, T. L.....	1.45
Oyster, James F.....	159.34	Ashley, Alex. McC.....	48.90
Patterson Safe Deposit Co. and Patterson National Bank.....	93.75	Atchison, J. G.....	11.60
Pittsburgh Union Stock Yards Co.....	180.00	Atchison, J. L.....	2.80
Providence Building Co.....	200.00	Atherton, Ira K.....	35.60
St. Joseph Stock Yards Co.....	636.00	Atherton, O. G.....	55.10
St. Louis National Stock Yards.....	600.00		
St. Paul Union Stock Yards.....	300.00		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Atherton, W. T. ....	\$28.58	Burson, W. M. ....	\$22.95
Atwood, E. R. ....	7.15	Burt, S. W. ....	50.25
Augusterfer, John A. ....	22.45	Burwell, Wm. ....	80.15
Ayer, Don C. ....	90.00	Busman, H. ....	143.05
Babson, S. C. ....	44.00	Butler, G. W. ....	220.01
Bagshaw, Kenzie S. ....	31.50	Butts, Henry. ....	18.95
Bailey, I. H. ....	86.45	Byers, John. ....	391.29
Baker, Eustace T. ....	34.35	Caldwell, Harry. ....	26.85
Baker, George S. ....	719.20	Callahan, J. J. ....	3.17
Baker, H. ....	24.20	Callanan, B. G. ....	9.10
Baker, L. R. ....	152.76	Calph, E. J. ....	83.60
Baker, Troy H. ....	46.87	Campbell, Chas. E. ....	19.26
Baldwin, Wm. A. ....	22.60	Campbell, C. M. ....	13.99
Ball, Harry M. ....	76.80	Campbell, Pearl W. ....	23.13
Balmer, W. H. ....	40.68	Canty, Patrick E. ....	5.65
Banks, Joseph A. ....	31.25	Cappell, John. ....	46.51
Barnhart, E. P. ....	7.85	Carhart, E. R. ....	12.00
Barr, A. C. ....	22.50	Carligen, Chas. E. ....	25.05
Barthold, E. W. ....	26.00	Carnachan, T. W. ....	64.90
Barton, Carl M. ....	5.25	Carrigan, James M. ....	34.15
Bassett, Jas. J. ....	25.35	Carroll, C. C. ....	144.55
Bateman, Roy. ....	2.00	Casper, A. M. ....	68.35
Baumann, Ernest H. ....	35.67	Castor, Thomas. ....	33.89
Bayler, T. M. ....	8.95	Chadima, J. ....	139.85
Beatty, Wm. A. ....	49.85	Chamberlain, William E. ....	12.95
Becksted, F. H. ....	3.35	Cherrington, K. G. ....	41.75
Beechy, L. P. ....	76.05	Churchill, W. E. ....	6.06
Behnke, Albert E. ....	103.59	Clancy, J. B. ....	256.11
Behrens, A. D. ....	330.50	Cleary, Thos. F. ....	5.77
Bender, John E. ....	25.50	Clement, C. B. ....	18.35
Benjamin, F. E. ....	65.50	Clements, R. L. ....	17.39
Benner, W. G. ....	86.30	Clohesy, E. J. ....	1.80
Bennett, E. A. ....	2.80	Cloud, J. E. ....	25:25
Bennett, S. E. ....	296.07	Cochrane, R. P. ....	11.58
Bertram, E. L. ....	547.01	Cock, James H. ....	5.55
Bird, W. N. D. ....	29.78	Coffman, Ralph E. ....	2.35
Blackwell, J. E. ....	113.55	Cole, C. C. ....	10.11
Blount, Stephen L. ....	99.93	Cole, Guy T. ....	11.35
Blowers, W. K. ....	6.20	Coleman, Arthur T. ....	1.90
Boals, T. M. ....	10.08	Coles, Richman. ....	2.25
Boazman, James B. ....	27.24	Collins, Horace R. ....	21.25
Bond, Geo. A. ....	87.70	Colson, C. F. ....	6.55
Bond, S. L. ....	12.70	Connelly, Alonzo. ....	11.40
Boone, Frank L. ....	38.40	Cook, Elisha B. ....	1.45
Borden, John J. ....	79.50	Cooper, W. L. ....	17.90
Bouvier, Leland E. ....	86.30	Coppock, D. M. ....	3.45
Bower, W. C. ....	67.65	Cornyn, John J. ....	70.20
Bowser, E. B. ....	21.10	Craig, A. R. ....	3.50
Boyce, N. V. ....	79.55	Cramer, C. F. ....	1.00
Boyer, E. A. ....	68.20	Crandall, W. W. ....	74.58
Boyle, T. H. ....	8.65	Crawford, Jno. W. ....	90.92
Brady, P. J. ....	49.50	Crean, Michael. ....	7.90
Braginton, Frederick. ....	31.25	Creighton, F. ....	16.80
Bray, Thomas A. ....	27.50	Crosby, Frank. ....	12.40
Breakey, J. J. ....	12.35	Crossman, E. A. ....	73.75
Brennan, Thos. A. ....	14.30	Crow, H. M. ....	5.05
Brock, R. O. ....	44.65	Crowley, J. T. ....	7.95
Brougham, J. J. ....	272.05	Grumbaugh, L. W. ....	25.49
Brown, E. W. ....	351.67	Cullen, David. ....	44.29
Brown, Geo. S. ....	43.70	Culver, E. G. ....	19.80
Brown, H. E. ....	160.06	Cummings, James H. ....	9.15
Browne, Wm. F. ....	10.27	Cummins, Wm. M. ....	19.50
Bruce, J. G. ....	1.10	Curran, Thomas. ....	35.85
Bruette, W. A. ....	39.63	Dade, J. S. ....	23.95
Bryan, W. N. ....	50.72	Daley, J. A. ....	.90
Buck, J. M. ....	8.00	Darling, Robert. ....	310.30
Bucknam, Wm. D. ....	83.39	Daugherty, W. A. ....	3.10
Buford, Elda. ....	14.45	Davis, W. H. ....	12.00
Bullock, A. D. ....	68.89	Davis, Wm. F. ....	21.85
Bundy, Edward A. ....	6.35	Davis, Wm. R. ....	9.75
Burbank, Thos. H. ....	16.00	Davitt, M. H. ....	11.15
Burch, S. R. ....	216.92	Day, C. M. ....	50.30
Burgess, J. L. ....	34.09	Day, L. Enos. ....	148.15
Burke, Geo. C. ....	7.90	Day, W. E. ....	48.25
Burneson, J. C. ....	37.35	De Fosset, A. J. ....	4.40
Burnett, D. C. ....	136.08	Dell, H. H. ....	47.91
Burns, E. J. ....	6.93	Deming, C. W. ....	195.60

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
De Ronde, J. D.	\$48.62	Gidney, C. A.	\$7.00
Desmond, Timothy J.	70.20	Gilchrist, W. D.	13.10
Devany, Thomas	19.06	Gilmore, F. J.	22.72
De Wolf, F. L.	79.15	Gjertson, A. G.	36.70
Dietrich, Ernest L.	11.53	Glenn, Perry C.	34.15
Dietrich, Ephraim	1.95	Gillies, D. R.	27.65
Dinkelburg, P. J.	8.17	Goebel, F. J.	13.82
Ditewig, George	1,136.77	Goff, W. M.	41.25
Dixon, F. J.	14.60	Goodpasture, C. O.	63.05
Doak, H. T.	17.30	Graham, A. E.	210.60
Doane, Wm. E.	6.50	Graham, Ralph	52.95
Domnosky, H. G.	32.15	Grant, Geo. K.	16.00
Donahue, Walter J.	1.30	Grayson, O. H.	60.85
Dorset, Marion	336.04	Green, L. K.	154.38
Dowd, E. P.	79.90	Gregory, Marvin	29.55
Doyle, P. F.	57.70	Groh, Wm.	224.08
Drout, James E.	2.00	Grove, J. S.	47.60
Drown, C. S.	8.65	Gruner, J. Peter	27.75
Due, Immanuel	3.95	Hadley, F. B.	6.27
Duffy, J. L.	35.10	Hall, T. E.	25.55
Dirfee, C. O.	9.92	Hancock, Henry J.	38.20
Dykstra, F. J.	10.90	Hand, Harry E.	11.37
Eagle, A. F.	31.19	Hans, J. W.	1.45
Eagle, J. G.	107.10	Harris, A. E.	10.70
Eagle, R. F.	87.89	Harris, J. H.	8.55
Eagle, W. W.	13.85	Harris, S. H.	26.30
Eddy, A. F.	3.00	Harrison, R. H.	23.37
Eells, Frank C.	103.00	Harrington, C. F.	11.95
Eggebrecht, W. C. H.	32.30	Hawkins, Jesse H.	14.60
Eichhorn, Adolph	364.25	Hawthorne, Jos. J.	17.10
Elliott, J. A.	4.40	Hayward, W. L.	3.85
Ellmaker, Harlan D.	50.20	Hayes, John J.	52.92
Emery, James A.	155.73	Harvey, Chas. D.	17.85
Ervin, C.	7.75	Haug, C. H.	2.97
Espey, Ora E.	45.15	Healy, Bessie M.	26.70
Esslinger, E. F. G.	69.25	Hedrick, H. A.	147.46
Evans, T. J.	71.10	Hektoen, Ludvig	70.20
Eyssen, Wm. P.	7.60	Heldring, J. J. L.	98.00
Fahey, J. F.	60.90	Helvey, O. W.	6.20
Farley, A. J.	15.60	Henderson, E. P.	40.16
Farrington, A. M.	54.75	Henderson, Frank	7.25
Farthing, C. L.	4.60	Henderson, L. C.	1.75
Faunce, A. L.	101.81	Herrick, Henry B.	45.55
Faunce, Chas. S.	5.12	Herrold, W. C.	6.00
Fauteck, Louis R.	8.65	Hervey, W. E.	7.86
Faville, G. C.	75.10	Hess, O. B.	620.23
Fegan, James	64.30	Hesser, Woodford H.	68.90
Fegley, N. K.	90.05	Hilgert, T. T.	30.71
Fenstermacher, L. S. A.	19.86	Hills, J. V.	41.75
Ferguson, R. B.	45.45	Hirleman, A. L.	154.20
Fess, Frank J.	11.75	Hirschel, Isaak	7.20
Fetter, Geo. E.	42.22	Hoar, John M.	4.00
Fischbeck, W. F.	7.92	Hollenbeck, J. B.	30.15
Fish, C. S. B.	3.75	Hope, Jas. G.	44.35
Fisk, A. G.	22.00	Hopkins, F. W.	50.02
Fisk, Manuel	27.65	Hopkins, P. R.	33.30
Felming, James	7.30	Horn, Michael J.	162.69
Fortner, W. W.	24.35	Horrigan, J. J.	10.27
Foster, James R.	47.40	Hostetler, A.	101.62
Foster, J. V.	19.00	Houck, U. G.	225.36
Fotheringham, Wm.	78.93	Howard, Clarence Roy	12.00
Frank, C. A.	2.90	Howe, W. E.	4.05
Franks, J. W.	16.55	Howes, Ben.	61.86
Fretz, H. L.	75.75	Howlett, Louis H.	1.89
Fretz, Warren J.	36.92	Huelsen, J.	299.24
Frey, Ferdinand	15.45	Huff, L. B.	78.86
Funke, Charlie	70.20	Hughes, Albert N.	34.55
Gallagher, B. A.	23.75	Hughes, Geo. H.	46.20
Gallagher, H. J., jr.	26.15	Hughes, Jas. F.	25.19
Galt, Sid.	13.15	Hughes, Joseph	83.75
Garbi, Louis, sr.	7.00	Hult, O. G.	7.5
Geddes, T. A.	10.19	Humbert, G. W.	8.05
Gent, Alfred	23.15	Hurley, John	2.00
George, H. H.	216.27	Hunter, Wm. R.	14.72
Gibbs, W. H.	3.00	Huntington, F. W.	99.07
Gibson, F. M.	14.20	Huxley, W. J.	12.30
Gibson, James	174.99	Hyde, Andrew	.95



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Hyde, C. W.	\$9.30	McBryde, C. N.	\$289.00
Hyde, P. H.	2.10	McCabe, B. D.	17.50
Ingram, S. R.	5.80	McCabe, Geo. P.	175.05
Irons, Geo. T.	64.50	McCarthy, Wm. F.	4.70
Jackson, Bert C.	8.50	McClelland, R. L.	29.40
Jackson, Freeman H.	69.20	McClelland, Will C.	18.40
Jacobs, E. A.	7.22	McDonough, J. H.	7.75
Jacobs, H. C.	27.75	McEachran, Wm.	75.60
James, P. M.	26.19	McFarland, Claude M.	13.97
Jay, Robert.	37.99	McGill, J. L.	6.88
Jenkins, W.	19.70	McGinty, G. B.	149.65
Jennings, W. E.	15.95	McGowan, Bartholomew.	17.00
Jerome, Geo.	24.62	McHugh, Wm. O.	24.74
Johnson, G. A.	135.04	McKeown, T. H.	193.55
Johnson, Raymond.	87.55	McLean, W. C.	69.70
Johnston, G. A.	11.95	Mahon, James.	33.88
Jones, Albert.	28.40	Mallory, E. T.	61.80
Jones, F. B.	20.30	Malone, Edmund J.	13.40
Jones, F. F.	27.95	Maloy, E. J.	55.14
Jones, George H.	44.64	Manning, Michael.	59.00
Joss, E. C.	479.40	Marshall, George O.	15.65
Joss, J. W.	11.05	Marshall, Henry	32.05
Jourdan, E. M.	71.65	Marshall, L. G.	4.40
Joyce, Thos.	20.00	Martineau, C. H.	5.60
Kaltwasser, Frank.	27.75	Martins, A. F.	178.23
Kaufman, Siegfried.	4.15	Mattatal, I. C.	1,717.88
Kay, G. A.	22.40	Matteson, S. A.	13.10
Keane, J. S.	39.20	Mauldin, C. E.	151.82
Keleher, T. F.	18.26	Mawer, Geo. C.	19.90
Kelly, James S.	100.25	May, C. A.	41.72
Kennedy, E. D.	74.90	Mayer, O. C.	17.45
Kennedy, Henry D.	84.37	Mead, R. N.	41.25
Keppel, J.	1.30	Meadors, W. H.	9.75
Kern, John.	11.65	Medick, G. H.	10.20
Ketchum, F. D.	97.34	Melly, Geo. L.	54.85
King, J. L.	21.65	Melvin, A. D.	562.49
Kirk, Jos. L.	23.25	Metsker, Louis.	83.51
Kirsch, Gustave.	18.55	Meyer, P. F. R.	16.95
Kitzhofer, J. H.	41.55	Middleton, W. G.	33.40
Knepper, A. L.	35.10	Miller, Chester.	105.80
Knodel, W. F.	21.37	Miller, Fred'k.	18.00
Knorr, G. W.	31.40	Miller, H. L.	29.05
Koen, A. R.	46.32	Miller, Joshua.	88.41
Koen, H. G.	77.85	Miller, S. M.	38.55
Koen, John S.	19.60	Minge, B. O.	20.00
Kohl, J. G.	4.25	Mitchell, W. Clyde.	65.45
Kramer, Richard H.	33.25	Mohler, John R.	152.15
Krug, E. A.	27.75	Montague, J. W.	125.95
Lacy, W. J.	43.05	Morrison, R. J.	9.25
Ladson, T. A.	33.57	Moon, R. K.	26.40
Lantz, Matthias S.	218.53	Moore, John J.	47.72
Laster, Geo. F.	16.90	Moore, V. A.	35.50
Lawrence, H. L.	48.26	Moran, John A.	10.15
Lee, F. P.	271.05	Morgan, James B.	20.25
Lee, O. R.	47.90	Morin, C. L.	2.80
Leech, W. W.	3.27	Morrow, C. J.	46.35
Lehr, Wm. G.	6.94	Mosier, Chas. B.	19.10
Leonard, Harry B.	24.25	Moss, C. E.	3.67
Lewinson, Louis.	37.41	Moyer, O. R.	31.52
Love, D. D.	78.95	Mulcahy, D. J.	8.55
Licking, Lewis A.	25.10	Mullowney, P. H.	.50
Lightner, L. C.	8.12	Munn, John E.	53.45
Lincoln, Willis B.	55.25	Murdock, J. L.	2.90
Lindburg, O. E.	45.60	Murphy, Glenn.	32.15
Lint, M. C.	39.09	Murphy, J. H.	23.40
Livers, R. C.	26.10	Murphy, M. J.	38.55
Logan, Albert H.	18.67	Myer, Elisha.	131.40
Loman, Fred.	21.35	Myers, Ira M.	8.70
Long, Albert.	112.29	Myers, Willis A.	28.80
Loveberry, Clarence.	4.50	Neil, W. N.	182.12
Luepke, J. F.	5.07	Newberg, G. C.	10.05
Luks, A. E.	36.14	Newlove, H. S.	23.65
Lundell, A. O.	4.58	Newton, H. M.	135.05
Lyle, H. S.	3.25	Nighbert, E. M.	14.75
Lyon, R. F.	7.95	Niven, A. B.	6.22
McBirney, John.	76.65	Ochs, J. J.	6.72
McBride, Archibald.	8.75	O'Connell, M. J.	9.95

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Oelschlegel, G. C.....	\$6.35	Saunders, W. H.....	\$46.20
O'Hern, Jas. F.....	5.75	Schaffter, E. P.....	235.67
O'Keefe, Matthew.....	21.25	Schauffer, C. A.....	521.52
Oldham, J. S.....	13.85	Schmidt, J. P.....	17.93
Olson, L. E.....	4.60	Schofield, Major.....	95.95
Olson, O. J.....	35.79	Schopfer, C. B.....	2.42
O'Neill, J. P.....	49.79	Schultz, E. E.....	21.75
Otis, G. M.....	30.42	Schuman, Chas.....	117.75
Otterman, J. L.....	1.95	Schwahn, Ella.....	30.00
Owen, F. D.....	154.17	Scott, Thomas W.....	88.29
Pagle, Chas. W., jr.....	1.10	Selby, C. C.....	8.80
Pahlman, J. R., jr.....	5.45	Selby, S. A.....	89.55
Painter, Geo. D.....	92.85	Sevenster, J.....	17.25
Palmer, C. F.....	330.74	Sexton, J. J.....	41.90
Palmer, L. I.....	63.90	Shaifer, H. L.....	37.95
Palmer, W. A.....	8.00	Shale, H. L.....	23.25
Parker, Wm. J.....	18.00	Sharp, Fred M.....	3.15
Parkerson, Chas. A., jr.....	43.77	Sheehy, P. J.....	5.30
Parks, G. H.....	750.74	Sheeran, P. H.....	1.95
Parsons, S. J.....	16.60	Shiels, Hugh.....	260.18
Patton, D. W.....	25.15	Shipley, T. A.....	138.24
Payne, C. F.....	13.55	Shumway, Daniel G.....	141.90
Peacock, B. W.....	96.75	Siegmund, W. C.....	74.60
Perkins, C. R.....	20.97	Simpson, George B.....	23.35
Perkins, L. C.....	7.67	Sindlinger, Chas.....	8.75
Perry, M. T.....	32.68	Sine, John B.....	112.48
Petty, F. O.....	34.70	Singleton, Henry.....	14.80
Phetteplace, F. R.....	32.05	Skidmore, D. I.....	23.70
Pigott, Wm.....	1.25	Sloan, David.....	16.80
Pilchard, M. R.....	4.05	Sloan, J. A.....	124.90
Pinger, Wm. R.....	121.79	Smart, J. J.....	129.59
Pironi, L. J.....	32.90	Smith, H. E.....	21.50
Pistor, A. J.....	1,440.64	Smith, H. M.....	390.41
Pollard, W. S.....	34.07	Smith, Nathaniel B.....	3.35
Pontious, F. L.....	43.65	Smith Samuel.....	31.76
Pote, Thomas B.....	16.45	Smith' Samuel T.....	31.50
Powell, N. C.....	9.95	Smith' W. B.....	97.65
Price, J. O. F.....	21.00	Smith- Wm. H., jr.....	627.83
Price, T. M.....	201.53	Smith, W. M.....	36.90
Priller, Fred W.....	42.40	Snyder, C. H. P.....	4.10
Puette, Grace.....	31.35	Sniffin, C. E.....	11.04
Puletz, J. W.....	11.64	Snyder, Alva.....	36.20
Purviance, Austin E.....	36.50	Snyder, O. W.....	28.65
Quincy, Thomas.....	11.80	Somerville, Saml., jr.....	17.82
Quinn, P. E.....	28.73	Sorensen, N. C.....	129.80
Quirk, Michael J.....	40.80	Sowers, H. S.....	10.00
Raban, R. M.....	33.07	Sparhawk, Wm. T.....	59.60
Ramsdell, H. R.....	25.43	Spencer, Jesse A.....	70.15
Rathman, F. J.....	10.15	Spraul, Edwin.....	68.95
Reidy, John B.....	57.33	Stafford, Jos.....	36.42
Repp, George E.....	47.60	Stafford, R. J.....	31.25
Reynolds, B. A.....	4.95	Stauffer, J. A.....	5.00
Rich, Theodore S.....	144.25	Steddom, R. P.....	207.40
Richardson, A. G. G.....	31.67	Steere, J. P.....	5.62
Richter, Sprigg C.....	2.50	Stephens, James F.....	41.05
Riemer, J. F.....	14.90	Stevens, Frederick L.....	124.74
Rishel, A. E.....	288.15	Stevens, S. G.....	32.60
Roadhouse, C. L.....	25.70	Stevenson, Harry H.....	5.62
Robinson, L. A.....	5.63	Stewart, Chas. A.....	24.94
Rogers, A. B.....	17.15	Stingley, O. A.....	24.20
Roome, Henry.....	50.59	Stratton, J. J.....	6.43
Roop, A. H.....	56.25	Stuart, J. T.....	25.50
Rose, W. H.....	138.37	Stubbs, S. C.....	7.81
Rosekrans, W. R.....	38.77	Sturges, Frank P.....	30.59
Rothermel, R. O.....	36.87	Suit, F. T.....	29.17
Rumming, W. J.....	6.00	Sullivan, W. D.....	22.97
Rupperecht, R. A.....	.90	Summers, John.....	3.80
Russell, R. C.....	28.95	Sutton, Clemmons G.....	2.00
Ryder, H. R.....	14.55	Swan, C. J.....	7.00
Ryder, J. F.....	532.28	Swanger, Chas. H.....	549.66
Sabourin, N. M.....	14.55	Sweet, James.....	84.42
Sachse, Herman F.....	14.35	Tabor, Allen W.....	24.06
St. Clair, F. P.....	11.00	Talbert, Joseph F.....	5.20
Sanderson, O. M.....	45.50	Thackaberry, Joseph J.....	61.28
Sandy, J. T.....	4.98	Thomas, A. J.....	8.13
Sappington, Morey A.....	67.85	Thomas, L. L.....	19.35
Sartor, Scott.....	9.50	Thomas, R.....	14.80

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Thomas, R. H.....	\$119.20	Weagley, C. B.....	\$32.18
Thompson, Harry Q.....	137.94	Webb, J. W.....	58.25
Thompson, Jas. K.....	38.86	Webster, J. H.....	173.35
Thompson, J. R.....	9.65	Weeks, L. C.....	34.85
Thompson, R. E. L.....	62.26	Weihe, Walter E.....	148.19
Thompson, Wm.....	209.57	Welch, W. H.....	18.00
Tillery, Eby A.....	22.45	Wende, B. P.....	200.83
Tindall, W. S.....	24.10	Wentworth, J. A.....	9.38
Tippett, W. T.....	7.80	West, W. L.....	28.62
Townsend, N. L.....	166.72	West, Walter M.....	24.90
Traverse, F. P.....	14.16	Wetzel, G. H.....	14.85
Trees, Oliver P.....	28.80	Wetzel, Raymond W.....	29.65
Treloar, D. C.....	69.25	White, Thomas.....	256.46
Trone, W. O.....	5.35	White, Timothy P.....	14.30
Tuck, R. W.....	80.27	Wiley, Morris C.....	21.75
Van Allstyn, Wm. C.....	9.25	Wilfens, Henry.....	17.29
Vanscoy, Robt. M.....	2.60	Williams, M. D.....	11.30
Virchow, A. G.....	2.90	Williams, W. E.....	6.65
Vogt, Louis.....	42.37	Willis, M. W.....	45.55
Voiz, Wm. F.....	11.30	Wilson, A. H.....	19.70
Waddle, Harry P.....	19.88	Wilson, James.....	390.39
Wagner, C. L.....	8.80	Winant, Frank I.....	97.30
Wagover, C. O.....	47.67	Wolf, Max.....	129.48
Walker, E. L.....	31.60	Wood, Geo. W.....	21.15
Walkley, S. J.....	12.30	Wooden, Morris.....	185.34
Wallace, A. H.....	352.95	Woolen, D. Murton.....	175.60
Waller, C. W.....	9.10	Woolfolk, G. H.....	34.90
Waller, Harry N.....	229.16	Woolsey, C. W.....	14.50
Walls, A. C.....	79.43	Wootton, Wm. C.....	22.50
Walter, Harry K.....	124.75	Worcester, W. W.....	18.00
Ward, E. K.....	65.10	Workheiser, H. F. R.....	29.72
Ward, G. R.....	39.00	Wray, W. H.....	111.21
Ward, G. W.....	9.60	Wright, B. E.....	8.55
Warner, G. D.....	1.05	Young, G. D.....	44.45
Washburn, Leo.....	10.55		
Watkins, S. E.....	15.05	Total.....	44,607.91
Watson, Michael F.....	91.40		

Total amount of appropriation.....	\$3,000,000.00
Total expenditures under above groups.....	2,159,154.22
Unexpended balance.....	840,845.78
Repayments to credit of appropriation.....	2.13
Net unexpended balance.....	\$40,847.91

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Eradicating cattle ticks, Bureau of Animal Industry, 1907, \$82,500."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Allen, Leslie J.....	Veterinary inspector, at \$1,600 and \$1,800.....	\$1,056.67	
Parker, Joseph W.....	Veterinary inspector, at \$1,600.....	946.66	
Patton, Don W.....	do.....	355.55	
Payne, A. J.....	Veterinary inspector, at \$1,600 and \$1,800.....	981.67	
Clawson, Clarence A.....	Veterinary inspector, at \$1,500.....	533.33	
Ellenberger, W. P.....	Veterinary inspector, at \$1,500 and \$1,800.....	1,115.00	
Hanawalt, D. C.....	Veterinary inspector, at \$1,500 and \$1,600.....	879.99	
Hopkins, Fred'k W.....	Veterinary inspector, at \$1,500.....	291.67	
Jackson, Roy E.....	Veterinary inspector, at \$1,500 and \$1,600.....	938.33	
Kiernan, J. A.....	do.....	525.00	
Lincoln, Willie B.....	do.....	609.44	
Meadors, Willis H.....	do.....	342.78	
Murphy, Wilbur J.....	Veterinary inspector, at \$1,500, \$1,600 and \$1,800.....	973.34	



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1907, \$82,500"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Murray, Frank E.	Veterinary inspector, at \$1,500 and \$1,600.	\$659.73	
Stewart, W. J.	Veterinary inspector, at \$1,500, \$1,600 and \$1,800.	813.89	\$701.66
Burgett, John L.	Veterinary inspector, at \$1,400.	291.66	
Coleman, Arthur T.	do	132.23	
Everly, Ora W.	do	322.77	
Fry, William A.	do	711.67	
Gallagher, B. A.	do	421.94	
Graham, Ralph.	do	291.66	
Hiatt, Wm. L.	do	859.44	
McFarland, Claude M.	Veterinary inspector, at \$1,400 and \$1,600.	493.89	
MacKellar, Wm. M.	do	971.66	
Nighbert, Erasmus M.	Veterinary inspector, at \$1,400.	540.56	
Owen, Thomas M.	do	824.45	955.68
Raque, Chas. A.	do	700.00	
Baumann, Ernest H.	Veterinary inspector, at \$1,200.	253.33	
Beattie, Robert S.	do	610.00	
Boazman, James B.	do	333.33	
Buffington, Ralph M.	do	376.67	
Caldwell, Harry.	do	326.67	
Conley, Charles C.	do	250.00	
Dennis, Vernon A.	Veterinary inspector, at \$1,200 and \$1,400.	611.67	
Drummond, Robt. H.	Veterinary inspector, at \$1,200.	276.67	
Dumbauld, Harry.	do	350.00	
Eagle, Alexander F.	do	256.67	
Harrington, D. W.	do	566.67	311.35
Henderson, Edwin P.	do	373.33	
Hood, H. B.	do	620.00	
Marshall, Henry.	do	240.00	
Musson, Robt. C.	do	10.00	
Myers, Murray J.	do	430.00	
Myers, Willis A.	do	420.00	
Paul, Arthur.	do	600.00	
Rigdon, Frank.	do	200.00	
Robards, Jesse.	do	250.00	
Rosenberger, M.	do	610.00	
Schofield, Major.	Veterinary inspector, at \$1,200 and \$1,400.	511.67	
Skrable, Frank L.	Veterinary inspector, at \$1,200.	123.33	
Stewart, Chas. A.	do	430.00	
Thomason, Hugh.	do	693.33	312.07
Thrower, J. D.	do	100.00	
Warner, Dick E.	do	426.67	
Washburn, Leo.	do	283.33	
Weagley, Clinton B.	do	276.67	
West, W. L.	Veterinary inspector, at \$1,200 and \$1,400.	306.10	
Butler, Tait.	Expert in tick eradication, at \$6.67 per diem.	120.06	114.19
Cary, C. A.	Expert in tick eradication, at \$200 per month.	186.67	214.93
Curtice, Cooper.	do	946.67	
Klein, Louis A.	Expert in tick eradication, at \$200 per month and expert in Texas fever, at \$200 per annum.	350.54	
Jorden, William D.	Live stock agent, at \$1,400.	770.00	
McCunningham, Daniel.	do	692.22	
Hill, W. F.	Live stock agent, at \$1,200.	83.33	
Emery, Frank E.	Agent in tick eradication, at \$1,800.	940.00	769.86
Pettibone, A. H.	Agent in tick eradication, at \$1,500.	875.00	494.22
Connell, Robt. M.	Agent in tick eradication, at \$4.75 per diem.	698.25	125.01
Saunders, J. B.	do	204.25	
Williams, John S.	do	646.00	33.45
Eldridge, R. W., jr.	Agent in tick eradication, at \$1,000.	291.67	33.15
Eldridge, R. W., sr.	do	333.33	211.23
Getty, O. H.	do	541.67	24.00
Gibson, Chas. H.	do	591.66	
Gourley, Thomas M.	do	413.88	298.05
Hahn, Royal H.	do	591.66	637.40
Hunt, Ernest D.	do	441.67	107.33
Kooker, Mark.	do	250.00	
Lane, Givens.	do	527.77	
Lukens, Chas. F.	do	527.78	250.16
Merritt, Joseph G.	do	300.00	
Morledge, Ralph.	do	558.33	459.65

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1907, \$82,500"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Parker, A. Otis	Agent in tick eradication, at \$1,000	\$197.22	\$159.600
Rubel, Chester W	do	258.33	
Squires, J. H.	do	552.77	787.59
Chapin, Dwight Doe	Agent in tick eradication, at \$840	322.00	303.96
Cole, Wm. W.	do	189.00	
Kelsay, T. R.	do	154.00	28.40
Lewallen, W. M.	do	487.67	363.24
Pratt, Richard T.	do	403.67	633.31
Sparkman, Isaac L.	do	156.33	
Treeman, Fred D.	do	217.00	157.29
Norwood, A. D.	Agent in tick eradication, at \$720	78.00	
Norwood, W. M.	do	92.00	
Ellis, J. F.	Agent in tick eradication, at \$50 per month	148.33	147.00
Foster, I. N.	do	70.00	131.61
Fry, David W. S.	Agent in tick eradication, at \$50 per month and \$4 per diem.	352.00	241.18
Hudson, J. S.	Agent in tick eradication, at \$50 per month	105.00	137.00
McClure, Robt. B.	do	53.33	22.50
Mize, T. W.	Agent in tick eradication, at \$50 per month and \$4 per diem.	341.67	193.73
Park, A. B.	Agent in tick eradication, at \$50 per month	130.00	
Quillion, Chas. M.	do	150.00	
Shelton, E. W.	do	146.67	
Smith, James S.	do	93.33	109.75
Underwood, H. B.	Agent in tick eradication, at \$50 per month and \$4 per diem.	282.00	174.10
Lenton, W.	Agent in tick eradication, at \$500	88.89	
Willoughby, C. L.	Agent in tick eradication, at \$1 per month	10.00	110.22
Baldwin, Wm. A.	Stock examiner, at \$900	207.50	
Bushong, John A.	Tagger, at \$720	72.00	
Lentz, Edward S.	Tagger, at \$720 and \$840	487.00	
Harris, Albert E.	Clerk, at \$1,000	402.78	
Ulmann, Oscar.	Clerk, at \$900	427.50	
Total		47,259.49	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1907, \$82,500."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bell Co., Incorporated	\$3.75	Gibson, C. H.	\$161.00
Parker, D. Frank	30.00	Gourley, Thos. M.	141.33
Ryan Co., W. B.	5.00	Graham, Ralph	187.50
Total	38.75	Hiatt, Wm. L.	477.50
<i>Miscellaneous supplies, etc.</i>		Hunt, E. D.	122.50
Allen, L. J.	265.00	Jorden, Wm. D.	236.00
Barber & Ross	.50	Joyce Engraving Co., Maurice	1.00
Beattie, Robt. S.	143.50	Lane, Givens	161.00
Buffington, R. M.	272.50	Lukens, C. F.	222.50
Burgitt, J. L.	87.50	McCunningham, David	172.67
Chapin, Dwight D.	270.00	Merritt, Joseph G.	126.00
Clawson, Clarence A.	302.50	Morledge, Ralph	300.00
Cole, W. W.	202.50	Nation, W. C.	34.00
Conley, C. C.	87.50	Pettee & Co., W. J.	77.00
Dennis, Vernon A.	181.00	Rigdon, Frank	150.00
Dumbauld, Harry	187.50	Robards, Jesse	75.00
Elkin Hardware Co.	11.25	Texas Company	165.56
Fry, Wm. A.	168.00	Treeman, Fred D.	73.50
Gallagher, B. A.	87.50	Underwood Typewriter Co.	82.50
		Warner, Dick E.	310.00
		Total	5,543.31

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1907, \$82,500"—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture.</i>		<i>Travel and station and field expenses—Continued.</i>	
Bass & Harbour Furniture and Carpet Co.....	\$47.00	Everly, O. W.....	\$369.36
Fleenor Furniture Co.....	50.30	Faville, G. C.....	42.75
Johnston Co.....	26.00	Foster, I. N.....	131.61
Lansburgh Furniture and Carpet Co., Julius.....	54.00	Frazier, F. A.....	7.97
Woodward & Lothrop.....	16.33	Fry, D. W. S.....	241.18
		Fry, Wm. S.....	462.34
Total.....	193.63	Gallagher, B. A.....	306.50
<i>Freight.</i>		Getty, Othello H.....	24.00
Chesapeake and Ohio Rwy. Co.....	4.90	Gibson, Chas. H.....	212.00
Louisville and Nashville R. R. Co.....	84.82	Good, H. H.....	16.70
Total.....	89.72	Gourley, Thos. M.....	228.00
<i>Telegraph.</i>		Graham, Ralph.....	64.83
Postal Telegraph-Cable Co.....	16.06	Hahn, Royal H.....	584.81
Western Union Telegraph Co.....	31.99	Hanawalt, David C.....	627.23
Total.....	48.05	Harbison, G. W.....	11.02
<i>Telephone.</i>		Harris, A. E.....	23.30
Cumberland Telegraph and Telephone Co.....	34.51	Harrington, D. W.....	235.05
<i>Rent.</i>		Haston, D. L.....	14.25
Krise, P. A.....	60.00	Henderson, E. P.....	299.08
<i>Apparatus, instruments, and laboratory material.</i>		Hiatt, Wm. L.....	277.48
Bausch & Lomb Optical Co.....	43.88	Holloway, J. H.....	9.57
<i>Travel and station and field expenses.</i>		Hood, H. P.....	369.30
Abel, Joseph.....	67.75	Hopkins, F. W.....	98.75
Allen, Leslie J.....	321.13	Hudson, J. S.....	137.00
Andress, Wm. R.....	34.25	Hunt, Ernest D.....	107.33
Baldwin, Wm. A.....	433.65	Jackson, Roy E.....	382.31
Baumann, Ernest H.....	280.96	Jarvis, D. A.....	15.35
Beattie, J. G.....	41.17	Jarvis, G. W.....	7.97
Beattie, Robert S.....	181.10	Jorden, Wm. D.....	284.90
Boazman, James B.....	178.92	Kelsay, T. R.....	28.40
Bowers, S. B.....	9.70	Kiernan, J. A.....	505.50
Browning, G. W.....	32.49	Klein, Louis A.....	208.43
Buffington, R. M.....	96.86	Kookan, Mark.....	256.76
Burgett, John L.....	75.08	Lane, Givens.....	104.10
Burkhalter, J. D.....	6.56	Lentz, Edward S.....	209.82
Bushong, J. A.....	37.30	Lentz, G. W.....	14.50
Butler, Tait.....	114.19	Lewallen, W. M.....	291.98
Caldwell, Harry.....	373.05	Lowrey, E. H.....	15.35
Cary, C. A.....	214.93	Lincoln, Willis B.....	225.77
Chapin, Dwight D.....	291.66	Lukens, Chas. F.....	250.16
Clawson, Clarence A.....	107.46	McCabe, Geo. P.....	50.10
Coffy, J. P.....	38.70	McClure, Robt. B.....	22.50
Cote, W. W.....	76.39	McCunningham, Daniel.....	422.24
Coleman, Arthur T.....	61.02	McFarland, Claude M.....	505.93
Conley, Chas. C.....	29.30	Mackellar, W. M.....	566.90
Curtice, Cooper.....	590.00	Mackellard, Wm.....	160.98
Davis, H. F.....	18.80	Marshall, Henry.....	35.36
Davis, J. H.....	14.25	Martin, R. M.....	86.10
Dean, Albert.....	130.29	Mauldin, C. E.....	30.30
Dennis, Vernon A.....	219.85	Meaders, F. M.....	208.19
Drummond, Robt. H.....	223.41	Melvin, A. D.....	9.00
Dumbauld, Harry.....	113.04	Merritt, Jos. G.....	60.10
Eagle, A. F.....	293.00	Miller, Ira.....	7.75
Echols, B. C.....	3.75	Mize, T. W.....	193.73
Eldridge, Romeyn W., jr.....	33.15	Morledge, Ralph.....	423.87
Eldridge, Romeyn W., sr.....	211.23	Murphy, W. J.....	826.49
Ellenberger, W. P.....	714.82	Murray, F. E.....	359.87
Ellis, J. F.....	147.00	Musser, Robt. C.....	54.35
Emery, Frank E.....	241.80	Myers, Murray J.....	646.16
Enochs, Nathan.....	25.70	Myers, Willis A.....	484.22
		Nighbert, F. M.....	431.74
		Noyes, R. E.....	27.20
		Owen, Thos. M.....	298.30
		Pack, Bennette.....	13.85
		Park, A. B.....	198.57
		Parker, A. Otis.....	159.60
		Parker, Joseph W.....	496.11
		Patton, D. W.....	147.25
		Paul, Arthur.....	472.20
		Payne, A. J.....	539.75
		Pennington, J. F.....	19.60
		Pettibone, A. H.....	418.91
		Pfaffman, G. A.....	21.25
		Potter, G. M.....	60.12
		Pratt, R. F.....	103.16
		Price, J. O. F.....	29.50



## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1907, \$82,500"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Quillian, C. M. ....	\$194.64	Steddom, R. P. ....	\$88.38
Ragland, M. J. ....	15.79	Stewart, Chas. A. ....	188.20
Ransom, B. H. ....	166.45	Stewart, W. J. ....	556.35
Raqui, Chas. A. ....	389.27	Stone, I. R. ....	20.80
Rigdon, Frank. ....	86.06	Swain, J. L. ....	14.33
Robards, Jesse. ....	75.04	Thomasson, Hugh. ....	298.07
Robbins, Hartwell. ....	96.75	Treeman, Fred D. ....	112.73
Rodibaugh, S. J. ....	51.89	Underwood, H. B. ....	174.10
Rosenberger, M. ....	487.82	Wallace, Willis A. ....	24.10
Rubel, Chester W. ....	122.00	Warner, Dick E. ....	254.62
Safley, J. C. ....	19.60	Washburn, Leo. ....	114.99
Schofield, Major. ....	439.56	Waters, J. T. ....	24.85
Shelton, E. W. ....	238.80	Weaglev, C. B. ....	182.51
Shiple, H. R. ....	11.40	Weine, Walter E. ....	38.10
Skrable, F. L. ....	76.34	West, W. L. ....	352.96
Smallmon, D. M. ....	11.30	Whitson, M. E. ....	20.40
Smith, James S. ....	109.75	Willoughby, C. L. ....	110.22
Sparkman, I. L. ....	37.80		
Squires, J. H. ....	342.58	Total. ....	27,976.51
Total amount of appropriation. ....			\$82,500.00
Total expenditures under above groups. ....			\$1,287.85
Unexpended balance. ....			1,212.15
Repayment to credit of appropriation. ....			.13
Net unexpended balance. ....			1,212.28

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1907-8, \$25,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Allen, Leslie. ....	Veterinary inspector, at \$1,800. ....	\$435.00	
Ellenberger, W. P. ....	Veterinary inspector, at \$1,800 and \$2,000. ....	451.67	
Murphy, Wilbur. ....	Veterinary inspector, at \$1,800. ....	435.00	
Payne, A. J. ....	Veterinary inspector, at \$1,800 and \$2,000. ....	451.67	
Stewart, Walter J. ....	Veterinary inspector, at \$1,800. ....	435.00	
Hanawalt, David C. ....	Veterinary inspector, at \$1,600 and \$1,800. ....	420.01	
Jackson, Roy E. ....	do. ....	420.01	
MacKellar, Wm. M. ....	Veterinary inspector, at \$1,600, \$1,800, and \$2,000. ....	436.68	
Parker, Joseph W. ....	Veterinary inspector, at \$1,600 and \$1,800. ....	420.01	
Dennis, Vernon A. ....	Veterinary inspector, at \$1,400. ....	338.33	
Fry, Wm. A. ....	Veterinary inspector, at \$1,400 and \$1,600. ....	371.66	
Hiatt, Wm. L. ....	Veterinary inspector, at \$1,400 and \$1,800. ....	405.00	
Jorden, W. D. ....	Veterinary inspector, at \$1,400. ....	338.33	
McCunningham, Dan. ....	do. ....	105.00	
Owen, Thomas M. ....	do. ....	338.33	
Raque, Chas. A. ....	Veterinary inspector, at \$1,400 and \$1,800. ....	405.00	
Schofield, Major. ....	Veterinary inspector, at \$1,400 and \$1,600. ....	371.66	
Beattie, Robt. S. ....	Veterinary inspector, at \$1,200. ....	90.00	
Harrington, D. W. ....	do. ....	10.00	
Hood, Harvey B. ....	Veterinary inspector, at \$1,200 and \$1,600. ....	356.66	
Paul, Arthur. ....	do. ....	356.66	
Rosenberger, M. ....	Veterinary inspector, at \$1,200 and \$1,400. ....	323.33	
Thomason, Hugh. ....	Veterinary inspector, at \$1,200. ....	206.67	
Emery, Frank E. ....	Agent in tick eradication, at \$1,800. ....	435.00	
Pettibone, A. H. ....	Agent in tick eradication, at \$1,500. ....	362.50	
Gibson, Chas. H. ....	Agent in tick eradication, at \$1,000. ....	75.01	
Gourley, Thos. M. ....	do. ....	241.67	
Hahn, Royal H. ....	do. ....	241.67	
Lane, Givens. ....	do. ....	75.01	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriations  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1907, \$25,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Merritt, Joseph G.	Agent in tick eradication, at \$1,000.	\$75.01	
Morledge, Ralph	do	241.67	
Squires, J. H.	do	241.67	
Chapin, Dwight D.	Agent in tick eradication, at \$840.	203.00	
Lewallen, W. M.	do	203.00	
Pratt, Richard T.	do	203.00	
Treeman, Fred D.	do	203.00	
Butler, Tait.	Agent in tick eradication, at \$6.67 per diem.	86.71	
Connell, R. M.	Agent in tick eradication, at \$4.75 per diem, and \$1,200 per annum.	337.50	
Williams, John S.	Agent in tick eradication, at \$4.75 per diem.	361.00	
Fry, D. W. S.	Agent in tick eradication, at \$4 per diem.	276.00	
Mize, T. W.	do	280.00	
Underwood, H. B.	do	280.00	
Cary, C. A.	Expert in tick eradication, at \$200 per month.	80.00	
Klein, Louis A.	Expert in Texas fever, at \$200 per annum.	15.00	
Ulmann, Oscar.	Clerk, at \$900.	22.50	
Lentz, E. S.	Tagger, at \$840 and \$900.	205.50	
Total		12,667.10	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1907-8, \$25,000."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Allen, L. J.	\$135.00	Hiatt, Wm. L.	\$187.50
Beattie, R. S.	31.50	Jorden, Wm. D.	101.50
Chapin, Dwight D.	187.50	Lane, Givens.	31.50
Connell R. M.	37.50	McCunningham, Daniel.	31.50
Dennis, Vernon A.	114.00	Merritt, Joseph G.	31.50
Fry, Wm. A.	101.50	Morledge, Ralph.	137.50
Gibson, C. H.	31.50	Treeman, Fred D.	101.50
Gourley, Thos. M.	174.00		
Hahn, Royal H.	86.00	Total	1,521.00

Total amount of appropriation	\$25,000.00
Total expenditures under above groups	14,188.10
Unexpended balance which is available during fiscal year 1908.	10,811.90

## RECAPITULATION.

Statutory salaries	\$76,642.76
Lump-fund salaries:	
In Washington	173,899.65
Outside of Washington	2,235,770.36
Stationery	14,472.48
Miscellaneous supplies and services, equipment, books, machinery, etc.	287,283.45
Furniture	15,875.85
Fuel	858.65
Freight	1,244.07
Express	1,202.28
Telegraph	1,498.22
Telephone	2,882.31
Rent	25,861.42
Gas and electricity	1,670.38
Apparatus, instruments, and laboratory material	17,853.30
Printing and binding	11,769.10
Travel and station and field expenses	244,819.41
Total for entire Bureau of Animal Industry	3,113,603.69

## BUREAU OF ANIMAL INDUSTRY—Continued.

## RECAPITULATION—Continued.

Total amount of appropriations.....	\$4,054,480.00
Total expenditures under above groups.....	3,113,603.69
Unexpended balance.....	940,876.31
Repayments to credit of appropriations.....	155.88
Net unexpended balance on September 30, 1907.....	940,932.19
Amount available in fiscal year 1908.....	10,811.90
Outstanding liabilities (estimated).....	930,120.29
Balance to be turned back in Treasury (estimated).....	11,504.85
	918,615.44

## PROJECTS.

The principal projects conducted by the Bureau of Animal Industry during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

## MEAT INSPECTION.

This work was carried on at 708 establishments, located in 186 cities and towns. It covers the ante-mortem inspection of animals to be slaughtered and the post-mortem inspection of their carcasses, the reinspection of meats and meat food products prepared therefrom, the supervision of processes of preparation of meats and meat food products and the branding or other marking of wholesome carcasses, parts, and meat food products prepared for interstate or export trade, and the issuance of certificates to accompany export products; also the condemnation and disposition of carcasses, parts of carcasses, and meat food products that are found to be unwholesome and unfit for human food. The cost of this work for the year was \$1,822,886.13 for salaries, \$38,511.85 for traveling expenses, \$276,988.29 for supplies and miscellaneous items—a total of \$2,138,386.27.

## ERADICATION OF SCABIES IN SHEEP AND CATTLE.

This work was carried on principally in the range States and Territories, and at feeding stations and stock yards. It involves the inspection and dipping of large numbers of cattle and sheep, the issuance of certificates, and the supervision of transportation and cleaning of cars. The cost was \$216,114.97 for salaries, \$110,256.44 for traveling expenses, \$7,021.31 for miscellaneous items—a total of \$333,392.72.

## ERADICATION OF CATTLE TICKS.

This work, done in cooperation with State and Territorial authorities, was inaugurated and conducted in 12 States and the Territory of Oklahoma. It is carried on mainly in areas contiguous to the Texas fever quarantine line, and includes the inspection of cattle, the location of infected animals and premises, their reinspection, and their treatment, or supervision, or direction of same, with a view to freeing such areas of Texas fever ticks, in order that the quarantine may be removed therefrom. The cost was \$101,844.88 for salaries, \$45,102.39 for traveling expenses, \$19,888.68 for supplies and miscellaneous items—a total of \$166,765.95.

## SPECIAL INVESTIGATIONS.

This work consists in the investigation of reported outbreaks of disease in the different States, and has for its purpose the repression of animal diseases by cooperation with the State authorities. The cost of this work was \$1,908.34 for salaries, \$1,697.10 for traveling expenses, \$197.65 for miscellaneous expenses—a total of \$3,803.09.

## INSPECTION OF SOUTHERN CATTLE.

This work covers the enforcement of the quarantine against the area infested with ticks, which convey the disease generally known as Texas or southern fever, the supervision of the movement of cattle therefrom and of their transportation and handling in stock yards, and cleaning of cars in accordance with the regulations. The cost was \$56,279.81 for salaries, \$6,038.64 for traveling expenses, \$3,687.09 for miscellaneous items—a total of \$66,005.54.



## SCIENTIFIC INVESTIGATIONS RELATING TO ANIMAL DISEASES.

This work is carried on for the purpose of studying the causes of diseases affecting animals and of ascertaining the methods best adapted for controlling and curing them. It includes investigations and experiments along various lines, the preparation and distribution of blackleg vaccine, tuberculin, and mallein, and requires the maintenance of laboratories, an experiment station, and a library. The cost was \$86,265.03 for salaries, \$2,751.85 for traveling expenses, \$35,831.57 for supplies and miscellaneous expenses—a total of \$124,848.45.

## INVESTIGATIONS IN ANIMAL HUSBANDRY AND EXPERIMENTS IN BREEDING AND FEEDING.

This work includes experiments in animal breeding and feeding in cooperation with State experiment stations, the collection of information relating to the breeding and feeding of farm animals, and the supervision of pedigree-record associations. The cost was \$21,623.69 for salaries, \$4,456.36 for traveling expenses, \$12,151.69 for miscellaneous expenses—a total of \$38,231.74.

## DAIRY INVESTIGATIONS AND INSPECTION OF DAIRY PRODUCTS.

This work covers general investigations in dairy subjects; special lines of work relating to dairy organizations, laws, and development of foreign markets; investigations in the manufacture of dairy products; inspection of dairy exports, and of factories and markets for renovated butter. The cost was \$58,777.18 for salaries, \$23,278.79 for traveling expenses, \$11,878.22 for miscellaneous items—a total of \$93,934.19.

## INSPECTION OF ANIMALS FOR EXPORT.

This work is carried on at the more important stock yards, ports on the Atlantic and Pacific seaboards, and at Canadian and Mexican border points, and includes, together with their inspection, the tuberculin testing of all breeding cattle and milch cows, and the mallein testing of horses for shipment to Canada, as well as the careful inspection of all sheep, swine, and goats. Only animals found to be healthy and free from disease and shown not to have been exposed to the contagion of any disease, and that are otherwise fit, are allowed shipment. An inspection likewise is made of the cars and boats carrying such animals to the ocean steamer to see that these are properly cleaned and disinfected, and of the steamer to see that it is properly fitted and spaced for carrying the different kinds of animals and equipped as prescribed by the Department regulations for the purpose. Certificates of export are issued for cattle and for the other different kinds of animals, including horses, intended for shipment to countries requiring certificates of inspection. Two inspectors are stationed in Great Britain for the purpose of observing and reporting on the condition of animals when they are landed. The cost of this work was \$30,062.49 for salaries, \$100.07 for traveling expenses, \$1,514.43 for supplies and miscellaneous items—a total of \$31,676.99.

## INSPECTION OF IMPORTED ANIMALS.

The object and purpose of this work is the prevention of the introduction of contagious animal diseases. For cattle, sheep, swine, and goats a permit to import must first be obtained from the Secretary of Agriculture, and these animals must be accompanied by certificates of health from the proper officials of the district and country from which shipped. Cattle coming from Europe must likewise be accompanied by satisfactory tuberculin test charts by an inspector of this Department stationed in Great Britain, or they must be subjected to the tuberculin test while in quarantine. Canadian cattle are admitted if accompanied by a satisfactory tuberculin-test certificate issued by a Canadian official veterinarian, otherwise they are subjected to a short period of quarantine and the tuberculin test at the border. Horses are admitted on passing a satisfactory inspection by a Department veterinarian at the port of entry. The import work involves the inspection of animals imported from Mexico and Canada and through certain designated sea ports, at which annual quarantine stations are maintained, all ruminant animals and swine being subject to quarantine. The cost of this work was \$26,659.33 for salaries, \$4,827.72 for traveling expenses, \$3,707.73 for supplies and miscellaneous items—a total of \$35,194.78.

## GENERAL SUPERVISION AND MISCELLANEOUS WORK.

The general administrative work of the Bureau cost \$66,862.05 for salaries, \$637.59 for traveling expenses, \$20,084.49 for miscellaneous items—a total of \$87,584.13.

## BUREAU OF PLANT INDUSTRY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Plant Industry, 1907, \$163,060."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Galloway, B. T.	Chief of Bureau, at \$4,500	\$4,500.00	\$297.18
Jones, James E.	Chief clerk, at \$2,000	2,000.00	
Rockwell, J. E.	Editor, at \$2,000	2,000.00	
Byrnes, E. M.	Superintendent, gardens and grounds, at \$1,800	1,800.00	
Estabrook, Leon M.	Clerk, class 4	1,800.00	196.90
Fealy, Nellie E.	do	1,800.00	
Jones, O. F.	do	1,800.00	
Morrison, Leslie	do	1,800.00	26.01
Gochenour, W. P.	Clerk, class 3	1,466.67	
Haas, Alvina	do	133.33	
Henkle, Alice	do	1,600.00	2.25
Huddleson, S. M.	do	1,600.00	
Irwin, W. N.	do	1,600.00	
Long, W. W.	do	1,600.00	
Saunders, B. C.	do	1,600.00	
Wight, J. C.	do	1,600.00	
Albee, R. S.	Clerk, class 2	264.45	
Gardner, Helen	do	1,127.78	
Ball, W. A.	do	1,166.67	
Hillman, F. H.	do	233.33	
Benner, H. A.	do	1,400.00	
Bradley, E. H.	do	1,400.00	
Callender, W. F.	do	1,400.00	
Cox, W. P.	do	1,166.67	
Harrison, Carrie	do	233.33	
Gochenour, W. P.	do	116.66	
Marcy, W. L.	do	991.67	
Watson, H. L.	do	50.56	
Kinney, Anna H. B.	do	1,400.00	
McClure, Mary M.	do	1,370.84	
Murphy, Jessie A.	do	1,353.33	
Passmore, D. G.	do	1,400.00	
Taylor, W. E.	do	1,400.00	
Ball, W. A.	Clerk, class 1	200.00	
Ferrall, John A.	do	1,000.00	
Bell, Brace	do	1,200.00	52.30
Cartan, M. S.	do	400.00	
Graham, J. P.	do	800.00	
Caruthers, R. P.	do	1,200.00	
Collier, Wm.	do	1,200.00	
Cuppernell, Bert	do	1,200.00	
Dodge, Allen	do	1,200.00	
Goding, Harry	do	830.00	
Keadin, W. A.	do	353.33	
Gorman, M. J.	do	1,200.00	
Grant, Chas. V.	do	1,200.00	
Herrick, Emma C.	do	1,200.00	
Hicks, E. F.	do	1,200.00	
Kimball, J. H.	do	423.33	
Knight, F. Q.	do	700.00	
Lane, K. W.	do	1,200.00	
Lee, W. C.	do	736.67	
Shepherd, A. C.	do	450.00	
McDonell, E. E.	do	1,200.00	
Marcy, W. L.	do	350.00	
Price, Nellie V.	do	850.00	
Meloy, Guy S.	do	1,200.00	
Moise, Frederic S.	do	50.00	
Shaw, Harry B.	do	986.67	106.10
Waters, David	do	160.00	
Newton, A. A.	do	1,200.00	
Oberly, Eunice R.	do	1,140.00	70.31
Parker, S. M.	do	1,200.00	
Schutt, Ellen I.	do	1,196.67	
Smith, L. J.	do	1,200.00	
Tyler, F. J.	do	200.00	264.61
Woolverton, Pearl	do	1,000.00	
Warner, M. F.	do	1,200.00	57.20
Williams, A. H.	do	1,200.00	
Garton, A. C.	Seed clerk and superintendent, at \$1,200	1,200.00	
Brewer, J. F.	Artist, at \$1,200	1,200.00	
Chase, Agnes	Artist, at \$840	840.00	42.12

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Plant Industry, 1907, \$163,060"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Allan, Isabelle	Clerk, at \$1,000	\$583.34	
Knight, E. Q.	do	416.66	
Allen, Clyde W.	do	1,000.00	
Allen, Jessie M.	do	833.34	
Woolverton, Pearl	do	166.66	
Ashmore, C. D.	do	250.00	
Neal, C. A.	do	208.33	
Romig, L. H.	do	500.00	\$101.90
Atwood, Alice C.	do	666.67	
Graham, J. P.	do	333.33	
Bagley, M. H.	do	375.01	
Shepherd, A. C.	do	622.22	
Bailey, E. V.	do	972.22	
Bateman, C. C.	do	333.33	
Johnston, G. M.	do	666.67	
Burke, Edmund	do	680.55	
Gary, Kate F.	do	319.44	
Church, Lillian	do	583.34	
Tidestrom, Ivar	do	416.66	11.50
Davenport, L. H.	do	1,000.00	
Draper, Annie E.	do	580.56	
Price, Nellie V.	do	263.90	
Hugins, F. A.	do	1,000.00	
Moise, Frederic S.	do	958.33	
Sawyer, Alice M.	do	41.67	
Phelps, Nora H.	do	1,000.00	
Ware, B. G.	do	1,000.00	
Allan, Isabelle	Clerk, at \$900	357.50	
Edmonston, Bessie L.	do	37.50	
Jones J. Arthur	do	160.00	
Sawyer, Alice M.	do	300.00	
Allen, Jessie M.	do	150.00	
Burke, Edmund	do	287.50	
Gary, Kate F.	do	462.50	
Ashmore, C. D.	do	375.00	
Atwood, Alice C.	do	300.00	
Miller, D. Cecil	do	225.00	
Austin, Ella M.	do	900.00	
Coit, Jennie L.	do	600.00	
Johnston, G. M.	do	300.00	
Draper, Annie E.	do	375.00	
Dyre, Mildred P.	do	300.00	
Sweet, M. L.	do	225.00	
Ammen, Mathilde	Clerk, at \$840	521.66	
Andrews, Bessie M.	do	203.00	
Ashmore, C. D.	do	280.00	
Escavalle, C. L.	do	490.00	
Bell, B. C.	do	560.00	
Coit, Jennie L.	do	280.00	
Bollinger, Lewis	do	88.67	
Gardner, Edith F.	do	79.33	
Howell, Edna D.	do	595.00	
Braden, Frank C.	do	72.33	
Gorman, John J.	do	4.67	
MacMorris, Laura	do	210.00	
Reinford, Abram S.	do	492.33	
Edmonston, Bessie L.	do	794.51	
Stothart, T. B.	do	35.00	
Gordon, Edith F.	do	315.00	
Sawyer, Alice M.	do	525.00	
Martin, Alice R.	do	210.00	
Miller, D. Cecil	do	630.00	
Tyler, Clara H.	Clerk, at \$800	800.00	
Andrews, Bessie M.	Clerk, at \$720	64.00	
Connor, Bernard	do	568.00	
Horan, Katharine	do	26.00	
Armstrong, H. C.	do	442.00	
Clark, Magraret M.	do	14.00	
Roberts, Henry	do	70.00	
Austin, Mary A.	do	720.00	
Barbiery, Marie	do	30.00	
Stothart, T. B.	do	690.00	



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Plant Industry, 1907, \$163,060"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Bell, B. C.	Clerk, at \$720	\$240.00	
Bragdon, C. K.	do.	450.00	
Curtin, Grace M.	do.	180.00	
MacMorris, Laura.	do.	540.00	
Gardner, Edith F.	do.	120.00	
Mason, Charles S.	do.	570.00	
Holland, R. B.	do.	248.00	
Wischhoff, A. E.	do.	442.00	
Hurdle, Ivy V.	do.	720.00	
Parker, Grace D.	do.	697.00	
Zell, Carrie.	do.	720.00	
Andrews, Bessie M.	Clerk, at \$660	36.67	
Bragdon, C. K.	do.	179.67	
Curtin, Grace M.	do.	275.00	
Muhleman, B. M.	do.	165.00	
Barbiery, Marie.	do.	247.50	
Mason, Charles S.	do.	137.50	
Shear, W. V.	do.	247.50	
Harvey, Rose A.	do.	660.00	
Barber, E. E.	Clerk, at \$600	75.00	
Muhleman, B. M.	do.	450.00	
Barbiery, Marie.	do.	150.00	
Bragdon, C. K.	do.	36.67	
Curtin, Grace M.	do.	163.33	
Dulin, Mary S.	do.	38.33	
Fowle, Cornelia.	do.	150.00	
Lower, Elsie E.	do.	53.34	
Barber, E. F.	Clerk or messenger, at \$480	320.00	
Brodie, C. F.	do.	54.67	
Curtin, Grace M.	do.	29.33	
Prentiss, A. M.	do.	70.67	
Ruark, A. A.	Photographer, at \$900	900.00	
Crandall, E. L.	Assistant photographer, at \$600	525.00	
Lower, Elsie E.	do.	38.33	
Bagley, M. H.	Illustrator, at \$900	562.50	
Hudson, Agnes T.	do.	337.50	
Walter, R. B.	Carpenter, at \$900	900.00	
Humphrey, W. E.	Carpenter, at \$840	70.00	
Grith, Wm. A.	do.	763.00	
Bissett, David.	Gardener, at \$1,000	1,000.00	
Gauges, Joseph A.	do.	208.34	\$2.80
Rittue, E. C.	do.	791.67	1,387.62
Bullen, Harry.	Gardener, at \$900	187.50	
Gauges, Joseph A.	do.	712.50	
Juenemann, H. E.	do.	900.00	989.83
Kerr, J. K., sr.	do.	900.00	
Keller, Charles.	do.	900.00	36.58
Bullen, Harry.	Gardener, at \$840	665.00	
Quinn, James.	do.	175.00	
Ecton, Thomas G.	do.	840.00	
Hauser, Ernest.	Gardener, at \$780	780.00	
Haws, W. A.	do.	780.00	
Jolliff, Jesse O.	do.	780.00	
Olden, John W.	do.	780.00	
Klopfer, Henry.	Gardener, at \$600	350.00	111.10
Simmonds, Edward.	do.	156.67	
Fraile, M.	Gardener, at \$720	720.00	
Evans, W. D.	Gardener, at \$660	660.00	
Gramer, Mike.	do.	467.50	
Thompson, James H.	do.	174.17	
Maxwell, G. R.	Skilled laborer, at \$900	900.00	
Orton, W. S., sr.	Painter, at \$840	840.00	
Kerr, James K., jr.	Plumber, at \$840	840.00	
Schubert, Charles J.	do.	840.00	
Copland, J. H.	Fireman, at \$720	408.00	
Hall, Geo. W.	do.	90.00	
Klopfer, Henry.	do.	210.00	
Haws, Henry.	do.	720.00	
Kletsch, Ernest.	do.	720.00	
Corrick, H. K.	Messenger, at \$840	840.00	262.81
Hall, C. L.	do.	105.00	
Mansfield, C. M.	do.	280.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Plant Industry, 1907, \$163,060"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Thomas, C. R.	Messenger, at \$840.	\$324.33	
Byrnes, J. Wise	Skilled laborer, at \$720.	720.00	
Crandall, E. L.	do.	90.00	
Hall, C. L.	do.	236.00	
Mansfield, C. M.	do.	390.00	
Smith, Mary J.	do.	720.00	
Cutshall, G. W.	Skilled laborer, at \$660.	660.00	
Groesbeck, D. V. H.	do.	533.50	
Lynn, T. H.	do.	110.00	
Hardenstein, F. P.	do.	449.17	
Kelly, J. W.	do.	210.83	\$26.20
Cookman, G. E.	Skilled laborer, at \$600.	600.00	
Franklin, C. D.	do.	600.00	
Frazier, C. T.	do.	565.01	
Hull, W. S.	do.	600.00	
Minor, G. O.	do.	600.00	
Ports, E. M.	do.	600.00	
Hungerford, H. F.	Messenger, at \$660.	522.50	
Wasner, W. H.	do.	137.50	
Borochoff, J. M.	Messenger, at \$600.	600.00	
Hungerford, H. F.	do.	118.33	
Prentiss, A. M.	do.	475.00	
Page, J. E.	do.	600.00	
Hodges, A. J.	Watchman, at \$720.	420.00	
Phipps, Wm. H.	do.	300.00	
Kelley, M. C.	do.	720.00	
Scanlon, P.	do.	720.00	
Pisney, R. H.	Watchman, at \$600.	600.00	
Lee, Frank.	do.	500.00	
Syphax, R. E.	do.	35.00	
Bechtold, John M.	Messenger, at \$480.	264.00	
Degenhardt, G. A.	do.	216.00	
Chandler, H. F.	do.	480.00	
Collins, J. Burt, jr.	do.	477.33	
Lingle, Albert F.	do.	456.00	
Roberts, Harry	do.	120.00	105.39
Taylor, James A.	do.	340.00	
Campbell, W. S.	Messenger boy, at \$360.	197.00	
Frost, Fred C.	do.	30.00	
Taylor, James A.	do.	105.00	
Degenhardt, G. A.	do.	198.00	
Winkler, J. H.	do.	162.00	
Carroll, Louis W.	Messenger boy, at \$300.	125.00	
Winkler, J. H.	do.	165.00	
Total amount of appropriation.			\$163,060.00
Total amount paid for salaries.			160,987.05
Unexpended balance.			2,072.95

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Woods, A. F.	Assistant chief of Bureau, at \$3,000.	\$3,000.00	\$65.60
Corbett, L. C.	Horticulturist, at \$3,000.	3,000.00	658.38
Beattie, W. R.	Assistant horticulturist, at \$1,600.	1,600.00	1,437.29
Butterfield, E. C.	Assistant horticulturist, at \$1,500.	1,500.00	50.33
Spillman, W. J.	Agriculturist, at \$3,000.	2,750.00	1,020.99
Coville, Frederick V.	Botanist, at \$3,000.	3,000.00	263.37
Dewey, Lyster H.	Botanist, at \$2,500.	2,500.00	434.60
Brown, E.	Assistant botanist, at \$1,800, and botanist, at \$2,000.	1,966.67	965.02
Collins, G. N.	Assistant botanist, at \$1,800.	1,350.00	.....
Wight, W. F.	Assistant botanist, at \$1,600 and \$1,800.	1,683.33	608.90
Smith, Erwin F.	Pathologist, at \$3,000.	1,500.00	435.07
Townsend, C. O.	Pathologist, at \$2,500.	2,500.00	4,102.93
Waite, M. B.	do.	2,500.00	883.31
Shear, C. L.	Pathologist, at \$2,250.	2,250.00	572.95
Freeman, E. M.	Pathologist, at \$2,000.	1,000.00	504.84
Orton, W. A.	do.	416.67	488.04
Metcalf, Haven.	Pathologist, at \$150 per month.	1,800.00	117.75
Swingle, Walter T.	Physiologist, at \$2,750.	2,750.00	72.69
True, R. H.	do.	2,750.00	609.11
Webber, H. J.	do.	1,145.83	463.17
Kearney, T. H.	Physiologist, at \$2,000 and \$2,250.	1,937.50	1,610.36
Kellerman, K. F.	Physiologist, at \$1,800.	1,800.00	448.55
Hartley, C. P.	Assistant physiologist, at \$1,600, and assistant, at \$1,800.	1,700.00	538.81
Norton, J. B.	Assistant physiologist, at \$1,600.	1,600.00	503.81
Brand, Chas. J.	Assistant physiologist, at \$1,500, and assistant, at \$1,800.	1,650.00	284.21
Robinson, T. R.	Assistant physiologist, at \$1,400.	1,400.00	214.27
Briggs, Lyman J.	Physicist, at \$2,500.	2,500.00	529.42
Belz, J. O.	Assistant, at \$1,400 and \$1,600.	1,441.67	656.43
Brackett, G. B.	Pomologist, at \$3,000.	3,000.00	14.95
Powell, G. Harold.	Pomologist, at \$2,750.	2,750.00	1,287.98
Taylor, Wm. A.	do.	2,750.00	567.33
Husmann, Geo. C.	Pomologist, at \$2,000.	2,000.00	1,295.10
Gould, H. P.	Assistant pomologist, at \$1,800.	1,800.00	525.60
Tenny, Lloyd S.	Assistant pomologist, at \$1,400 and \$1,800.	1,733.33	1,333.40
Carleton, M. A.	Cerealist, at \$2,750.	2,750.00	1,114.75
Cook, O. F.	Bionomist, at \$2,750.	2,177.08	659.24
Hitchcock, A. S.	Agrostologist, at \$2,500.	2,500.00	369.55
Jardine, Wm. M.	Agronomist, at \$2,000.	833.34	199.06
Ball, C. R.	Agronomist, at \$1,800.	1,800.00	337.67
Warburton, C. U.	Assistant agronomist, at \$1,600.	533.34	878.66
Crawford, A. C.	Pharmacologist, at \$1,800.	1,800.00	205.39
Patterson, Flora W.	Mycologist, at \$1,600.	1,600.00	5.61
Safford, W. E.	Curator, at \$1,600, and assistant curator, at \$1,800.	1,683.33	401.75
Holton, Nina G.	Assistant curator, at \$960.	958.66	.....
Chamberlain, J. S.	Chemist, at \$1,600 and \$1,800.	1,716.67	9.55
Lewton, F. L.	Scientific assistant, at \$1,600.	1,066.65	592.19
Hosford, George W.	Scientific assistant, at \$1,400.	1,166.67	935.48
Carrier, Lyman.	Scientific assistant, at \$1,200.	823.33	836.71
Gilbert, W. W.	do.	600.00	348.83
Mitchell, Geo. F.	do.	500.00	318.98
O'Gara, P. J.	do.	980.00	849.42
Young, T. B.	do.	500.00	344.09
McClure, Harry B.	Scientific assistant, at \$1,000.	791.67	658.88
Tidestrom, Ivar.	do.	583.34	.....
Moss, James M.	Scientific assistant, at \$720.	194.00	.....
De Loach, Gertrude B.	Scientific assistant, at \$50 per month.	170.00	.....
Griffiths, David.	Assistant, at \$2,000.	2,000.00	908.10
Smith, C. B.	do.	500.00	259.35
Duvel, J. W. T.	Assistant, at \$1,600 and \$2,000.	1,300.00	479.97
Drake, J. A.	Assistant, at \$1,400.	948.89	764.86
Harrison, Carrie.	do.	1,166.67	.....
Hillman, F. M.	do.	1,166.67	.....
Rittue, E. C.	do.	291.67	.....
Beckwith, T. D.	Assistant, at 1,200.	1,200.00	304.24
Fischer, W.	do.	1,200.00	249.70
Fitz L. A.	do.	300.00	312.59



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Harter, L. L.	Assistant, at \$1,200.	\$1,200.00	\$695.24
Hawkins, Lon A.	do.	270.00	120.76
Hedges, Florence	do.	1,090.00	.....
Johnston, John R.	do.	1,200.00	.....
Merwin, J. O.	do.	366.67	.....
Miller, H. A.	Assistant, at \$1,200 and \$1,400	1,350.00	234.53
Oakley, R. A.	Assistant, at \$1,200, and assistant agriculturist, at \$1,400.	216.67	719.20
Pearce, Julia R.	Assistant, at \$1,200.	1,186.67	.....
Ricker, P. L.	Assistant, at \$1,200 and \$1,400	1,300.00	.....
Swingle, Deane B.	Assistant, at \$1,200.	196.67	.....
Tyler, F. J.	do.	1,000.00	.....
Umberger, H. J. C.	do.	800.00	142.25
Hibbard, R. P., jr.	Assistant, at \$1,000.	825.00	376.82
Hood, Samuel C.	do.	500.00	353.14
Houghton, H. W.	do.	458.33	95.21
Wood, Anna K.	do.	708.34	7.80
Brown, Nellie A.	Assistant, at \$960.	781.33	.....
Brown, E. B.	Assistant, at \$960 and \$1,200.	1,076.67	660.41
Charles, Vera K.	do.	1,080.00	.....
Fawcett, Edna H.	Assistant, at \$960.	960.00	.....
Haskins, Alice C.	do.	40.00	.....
McCulloch, Lucia.	do.	184.00	.....
Thompson, Martha	do.	464.00	.....
Goss, W. L.	Assistant, at \$900 and \$1,000.	950.00	84.30
Fletcher, W. F.	Assistant, at \$840.	840.00	501.18
White, H. M.	do.	840.00	662.03
Snellings, C. B.	Assistant, at \$750.	750.00	.....
Graham, Grace.	Assistant, at \$720.	720.00	.....
Sirrine, Emma F.	Assistant, at \$720 and \$900.	647.50	.....
Eckerson, Theo. H., jr.	Assistant, at \$25 per month.	132.50	.....
Goll, F. L.	Aid, at \$1,000 and \$1,200.	1,100.00	.....
Quirk, Agnes.	do.	1,091.67	1.81
Ames, Adeline.	Aid, at \$960.	960.00	.....
Crosby, Mamie L.	Aid, at \$840 and \$1,000.	881.10	.....
Leonard, L. T.	Aid, at \$840.	840.00	.....
Benton, Zoe.	Aid, at \$720.	720.00	.....
Bergner, Sophie J.	do.	720.00	.....
Tefft, Jennie A.	Aid, at \$600.	591.67	.....
Tiller, Ruby J.	Aid, at \$50 per month.	148.33	.....
Gooch, C. L.	Student assistant, at \$25 per month, and gardener at \$60 per month.	352.50	.....
Lower, Elsie E.	Student assistant, at \$25 per month.	225.00	.....
Rowen, J. D., jr.	Student assistant, at \$25 per month, and gardener, at \$60 per month.	352.50	.....
McLane, J. W.	Laboratory assistant, at \$1,200.	1,000.00	.....
Turner, M. L.	Laboratory helper, at \$720.	406.00	.....
Smith, Leroy M.	Helper, at \$660.	220.00	.....
Merick, Lovina S.	Laboratory aid, at \$600.	521.67	.....
Russ, Blanche.	Laboratory aid, at \$50 per month.	225.00	.....
Seifriz, Wm.	Apprentice, at \$540.	21.00	.....
Marsh, C. Dwight	Expert, at \$2,000.	1,000.00	1,378.53
Eustace, H. J.	Expert, at \$1,800.	1,350.00	1,077.45
Oliver, G. W.	do.	450.00	639.56
Richtmann, W. O.	do.	1,050.00	264.99
Stewart, John B.	do.	950.00	1,264.56
Ragan, W. H.	Expert, at \$1,600.	1,600.00	58.88
Stockberger, W. W.	do.	1,600.00	501.19
Smith, W. W.	Expert, at \$1,500.	1,500.00	.....
McLennan, Robert.	Expert, at \$1,200.	1,200.00	46.35
Mann, Albert.	do.	1,123.33	229.65
Rabak, Frank.	do.	1,030.00	144.59
Glasson, E. J.	do.	400.00	417.70
Lamson-Scribner, F.	Special agent, at \$2,500.	2,499.99	.....
Rasmussen, Andrew.	Special agent, at \$1,200.	396.67	189.20
Cole, E. F.	Special agent, at \$840.	840.00	762.51
Rogers, Shober.	Special agent, at \$2.75 and \$3.25 per diem.	690.21	.....
Lutman, B. F.	Agent, at \$60 per month.	22.00	5.40
Mead, De Voe.	Agent, at \$50 per month.	83.33	.....
Patten, Juliet C.	Artist, at \$4 per diem.	100.00	.....

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Froley, John W.	Executive assistant, at \$1,600.	\$316.67	
Cox, W. P.	Clerk, at \$1,400.	233.33	
Meloy, Francis E.	do.	1,015.01	
Ferrall, John A.	Clerk, at \$1,200.	96.67	
Greenbaum, L.	do.	36.67	
Romig, L. H.	do.	300.00	
Shaw, Harry B.	Clerk, at \$1,200, and assistant, at \$1,400.	184.99	
Gibson, W. A.	Clerk, at \$1,000.	27.78	
Ballard, Clara E.	Clerk, at \$75 per month.	115.00	
Davis, James H.	Clerk, at \$75 per month and \$840.	207.50	
Jones, J. Arthur.	Clerk, at \$75 per month.	187.50	
McQuinn, Harry L.	Clerk, at \$900.	375.00	
Stein, Lewis E.	Clerk, at \$75 per month.	217.50	
Andrews, Bessie M.	Clerk, at \$840.	149.33	
Dyre, Mildred P.	do.	350.00	
Fearing, H. Martin.	Clerk, at \$70 per month.	336.00	
Gary, Kate F.	Clerk, at \$840.	140.00	
Kolck, Rachel M.	do.	693.00	
Sweet, M. L.	do.	525.00	
Cranor, Mabel	Clerk, at \$60, and clerk, at \$75 per month.	285.00	
Escavaille, C. L.	Clerk, at \$720.	300.00	
Gates, E. P.	Clerk at \$60 per month.	210.00	
Green, L. H.	Clerk, at \$720.	356.00	
Howell, Herbert H.	do.	138.00	
Shear, W. V.	Clerk, at \$50 per month, and scientific assistant, at \$1,000.	541.67	
Youngblood, F. E.	Clerk, at \$50 per month.	23.33	
Hinton, Agnes	Clerk, at \$40 per month.	81.33	
Manning, H. F.	do.	65.33	
Barbour, A. H.	Clerk, stenographer, and typewriter, at \$75 per month.	55.00	
McQueen, Lillian.	do.	292.50	
Johnson, Christine W.	Clerk, stenographer, and typewriter, at \$60 per month.	184.00	
Laird, W. C.	Clerk, stenographer, and typewriter, at \$40 per month.	38.67	
Rea, Edward P.	Stenographer, at \$75 per month.	52.50	
Wheeler, B. C.	Mechanician, at \$1,200.	916.67	
Elsner, Elmar C.	Carpenter, at \$75 per month.	155.00	
Bean, Somerville.	Carpenter, at \$3.50 per diem.	399.00	
Gloss, Harry D.	Carpenter, at \$3.50 per diem and \$80 per month.	610.50	
Naylor, F. P.	Carpenter, at \$3.50 per diem.	189.00	
Smith, Wm. A.	do.	101.50	
Richardson, Chas. L.	do.	63.00	
Poole, C. M.	Carpenter, at \$2.50 per diem.	65.00	
Smith, A. J.	Painter, at \$3.50 per diem.	35.00	
Wood, Henry S.	do.	308.00	
Augusterfer, R.	Electric wireman, at \$3.50 per diem.	303.00	
Heron, L. M.	Electrician, at \$3 per diem.	136.50	
Sands, J. K.	Plumber, at \$4 per diem.	168.00	
Neilson, C. W. C.	Cabinetmaker, at \$3.50 per diem.	283.50	
Murphy, J. J.	Bricklayer, at \$6 per diem.	18.00	
Murphy, James.	Bricklayer's helper, at \$2.50 per diem.	7.50	
Cottam, G. W.	Gardner, at \$900.	150.00	
Dawson, J. P.	do.	287.50	
Quinn, James.	Gardener, at \$720.	450.00	
Zoellner, H. G.	do.	720.00	
Lee, Thomas.	Gardener, at \$600.	559.00	
Priest, A. C.	Teamster, at \$45 per month.	225.00	
McChesney, Oscar S.	Watchman, at \$2 per diem.	72.00	
Bryant, E. A.	Skilled laborer, at \$720.	720.00	
Hammerly, J. M.	do.	262.00	\$9.30
Hardenstein, F. P.	Skilled laborer, at \$600.	191.67	
Kelly, J. W.	Skilled laborer, at \$50 per month.	408.33	
Schultheis, W. H.	Skilled laborer, at \$2 per diem and \$60 per month.	690.00	
Lee, Frank.	Skilled laborer, at \$1.75 per diem, and laborer, at \$50 per month.	94.50	
Cookman, B. C.	Laborer, at \$60 per month.	514.00	
Keese, S. L.	Laborer, at \$720 and \$780.	757.50	
Mills, W. H.	Laborer, at \$60 per month.	30.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Thompson, Harry	Laborer, at \$720.	\$720.00	
Willis, W. E.	Laborer, at \$60 per month.	720.00	
Adams, Lola M.	Laborer, at \$600.	600.00	
Dawson, C. W.	Laborer, at \$50 per month and \$60 per month.	613.33	
Dixon, W. D.	Laborer, at \$50 per month.	600.00	
Garrett, W. J.	do.	101.67	
Hofman, K.	do.	68.33	
Marcey, Calvin	do.	600.00	
Snyder, Evva	do.	600.00	
Walter, Olin A.	Laborer, at \$50 per month and \$60.	630.00	
Allen, Tibbett	Laborer, at \$45 per month.	540.00	
Clinkett, Isaac	do.	540.00	
Gray, L. L.	do.	517.50	
Gordon, John C.	do.	540.00	
Parker, J. T.	do.	540.00	
Pinkett, J. P.	do.	540.00	
Rountree, William A.	Laborer, at \$45 per month and \$55 per month.	325.00	
Bias, T. J.	Laborer, at \$480.	474.67	
Hammill, Sarah H.	Laborer, at \$40 per month.	20.00	
Johnson, Thomas	Laborer, at \$450 and \$600.	520.00	
Milstead, J. I.	Laborer, at \$40 per month and \$60 per month.	670.00	
Brooke, J. S.	Laborer, at \$30 per month.	14.00	
Dameron, A. F.	Laborer, at \$30 per month and \$40 per month.	420.00	
Clark, H. M.	Laborer, at \$25 per month and \$40 per month.	420.00	
Jones, John W.	do.	390.00	
Wallace, Annie F.	Laborer, at \$20 per month and \$40 per month.	240.00	
Zoellner, Carl G.	Laborer, at \$15 per month.	97.50	
Swann, Sidney	Laborer, at \$2 per diem.	656.00	
Calwell, George	Laborer, at \$1.75 per diem.	541.18	
Copland, H. F.	Laborer, at \$1.50 per diem.	69.75	
Davis, Ira	do.	461.25	
Douglas, M.	do.	40.50	
Fitzhugh, W. H.	do.	388.50	
Furr, Haswood	do.	54.00	
Garrett, W. A.	do.	24.75	
Hume, Edward	do.	94.50	
Kendall, J. E.	do.	79.50	
Lynn, T. H.	do.	36.00	
Marcey, F. L.	do.	279.00	
Marcey, T.	do.	459.00	
Mitchell, John	do.	12.75	
Montgomery, John P.	do.	262.50	
Phillips, I. G.	do.	67.50	
Piffer, Henry	do.	12.00	
Studds, Wm.	do.	468.00	
Sullivan, Wm.	Laborer, at \$1.50 per diem and \$40 per month.	461.50	
Jones, Thomas	Laborer, at \$1.50 per diem.	454.50	
Goodloe, Lucille	Unskilled laborer, at \$50 per month.	288.34	
Hopkins, Elias	Unskilled laborer, at \$2 per diem.	140.00	
Pingley, W. A.	Unskilled laborer, at \$2 per diem, and watchman, at \$2 per diem.	196.00	
Bissell, Benjamin	Unskilled laborer, at \$1.50 per diem.	37.50	
Bowman, Andrew	do.	13.04	
Dozier, Wm.	do.	22.50	
Gilliam, John	do.	22.50	
Green, John M.	do.	45.00	
Hayden, W. H.	do.	20.44	
Henderson, Thomas	do.	13.50	
Hohouser, Adolph	do.	.75	
Hutchinson, Walter	do.	45.00	
Inson, R. F.	do.	17.44	
Jackson, W. J.	do.	21.56	
Johnson, E.	do.	25.79	
Johnson, Samuel	do.	21.29	
King, James	do.	15.00	
Lomax, Alfred	do.	22.50	
Lomax, Geo.	do.	22.50	
Murgant, Isaac	do.	18.29	
Murray, Maurice	do.	100.50	
Payne, H. S.	do.	389.25	
Robinson, Cornelius	do.	424.50	



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Robson, John.....	Unskilled laborer, at \$1.50 per diem.....	\$22.50	
Ross, Eugene.....	do.....	22.50	
Sepsney, Wm.....	do.....	17.91	
Taliferro, N.....	do.....	13.50	
Tilley, Lonnie.....	do.....	22.12	
Turner, L.....	do.....	20.16	
Wood, Benj.....	do.....	22.04	
Haws, Harry.....	Unskilled laborer, at \$.50 per diem.....	15.50	
Haws, Raymond.....	do.....	15.50	
Daniel, Evelyn W.....	Messenger, at \$600.....	5.00	
Barber, E. E.....	Messenger boy, at \$480.....	100.00	
Pierce, James F.....	do.....	450.67	
Wahlgren, M. G.....	do.....	392.00	
Sheehan, F. G.....	Messenger boy, at \$360.....	224.00	
Skippon, C. D.....	Messenger boy, at \$30 per month.....	270.00	
Baldwin, Ralph McC.....	Messenger boy, at \$300.....	68.33	
Townsend, K. H.....	Messenger boy, at \$25 per month.....	213.33	
Gelletly, Celia.....	Charwoman, at \$540.....	540.00	
Garner, Sarah L.....	Charwoman, at \$480.....	480.00	
Gibson, Annie E.....	do.....	480.00	
Hebron, Ida.....	Charwoman, at \$40 per month.....	480.00	
Jamieson, Annie.....	Charwoman, at \$480.....	480.00	
Johnson, Maria.....	do.....	480.00	
Smith, Marie C.....	do.....	480.00	
Total.....		197,358.18	
<i>Out of Washington.</i>			
Smith, Erwin F.....	Pathologist, at \$2,750.....	\$1,375.00	
Von Schrenk, Hermann.....	Pathologist, at \$2,500.....	2,500.00	\$1,084.63
Dorsett, P. H.....	Pathologist, at \$2,250.....	1,968.75	397.08
Bessey, Ernest A.....	Pathologist, at \$1,800.....	1,720.00	1,772.83
Freeman, E. M.....	do.....	900.00	
Scott, W. M.....	Assistant pathologist, at \$2,000.....	166.66	1,270.95
Chilcott, E. C.....	Agriculturist, at \$2,750.....	2,750.00	1,460.17
Scotfield, C. S.....	Agriculturist, at \$2,250.....	1,781.25	1,456.15
Jensen, Chas. A.....	Agriculturist, at \$1,600.....	399.99	289.52
Hunter, Byron.....	Assistant agriculturist, at \$1,400.....	1,400.00	870.81
Peck, Wm. A.....	Assistant agriculturist, at \$1,000.....	750.00	1,016.71
Shamel, A. D.....	Physiologist, at \$2,000.....	1,666.66	1,751.10
Green, Edward C.....	Pomologist, at \$2,000.....	500.00	217.85
Garner, Wightman W.....	Scientific assistant, at \$1,200.....	1,200.00	228.07
Hedgecock, Geo. G.....	do.....	1,200.00	748.02
McClelland, C. K.....	do.....	300.00	887.99
Miles, Geo. F.....	do.....	700.00	1,450.70
Rorer, James Birch.....	Scientific assistant, at \$1,200 and \$1,600.....	900.00	883.12
Spaulding, Ferley.....	Scientific assistant, at \$1,200.....	1,200.00	509.56
Warren, Joseph.....	Scientific assistant, at \$1,200, and special agent, at \$1,200.....	800.00	857.43
Blanchard, Henry F.....	Scientific assistant, at \$1,000 and \$1,200.....	1,100.00	250.06
Cates, J. S.....	Scientific assistant, at \$1,000.....	250.00	926.92
Klugh, G. F.....	Scientific assistant, at \$1,000, and assistant, at \$1,200.....	1,100.00	127.10
Leidigh, A. H.....	Scientific assistant, at \$1,000 and at \$1,200 and \$1,400.....	1,258.33	1,121.49
Mitchell, G. F.....	Scientific assistant, at \$1,000.....	583.33	
Quinn, Clarence E.....	do.....	833.33	1,150.32
Young, Thos. B.....	do.....	583.33	
Fawcett, Geo. L.....	Scientific assistant, at \$960.....	960.00	44.83
Schaefer, John E.....	do.....	160.00	104.00
Cory, Victor L.....	Scientific assistant, at \$840 and \$1,000.....	900.01	378.90
Dodge, L. G.....	Scientific assistant, at \$840 and \$1,200.....	840.00	1,096.53
Eames, Laura L.....	Scientific assistant, at \$720.....	440.00	
Hood, Samuel C.....	do.....	360.00	
Cobb, N. A.....	Expert, at \$3,000.....	2,116.67	
Kremers, Edward.....	Expert, at \$200 per month, and collaborator, at \$1 per month.....	609.00	25.55
Scherffius, Wm. H.....	Expert, at \$2,000.....	1,894.45	314.51
Stubenrauch, A. V.....	do.....	2,000.01	1,222.76
Marsh, C. Dwight.....	Expert, at \$1,600.....	800.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Brewer, Vincent C.	Expert, at \$1,500.	\$750.00	\$302.93
Dennis, S. J.	Expert, at \$125 per month and \$1,800.	1,741.67	1,017.87
Garman, Harrison	Special agent, at \$120 per month.	428.00	.....
Razall, Justin J.	Expert, at \$100 per month.	440.00	.....
Sturdevant, L. B.	do.	100.00	.....
Clawson, Arthur B.	Expert, at \$75 per month.	115.00	67.95
Reed, Joseph F.	Expert, at \$900 and \$1,200.	1,037.50	540.30
Kennard, F. L.	Expert, at \$60 per month.	548.00	121.33
Duggar, John F.	Expert, at \$25 per month.	25.00	.....
Cobey, W. W.	Special field agent, at \$1,800.	1,800.00	1,079.76
Moores, Chas. A.	Special agent and collaborator, at \$800.	800.00	17.79
Brown, D. E.	Special field agent, at \$50 per month.	600.00	.....
Shantz, H. L.	do.	50.00	93.79
Saylor, Charles F.	Special agent, at \$225 per month.	2,700.00	1,097.23
Mason, Silas C.	Special agent, at \$125 per month and \$2,000, and agriculturist, at \$2,000.	1,170.84	54.25
Hare, R. Fred.	Special agent, at \$100 per month.	400.00	.....
Ney, Henry E.	do.	600.00	13.10
Norgord, C. P.	Special agent, at \$1,200.	1,120.00	205.44
Payne, J. E.	Special agent, at \$100 per month.	900.00	313.88
Peterson, Wm. Arnold.	Special agent, at \$1,200.	800.00	1,401.07
Straughn, M. N.	Special agent, at \$100 per month.	450.00	587.97
Keyser, Vail.	Special agent, at \$4 per diem.	128.00	8.00
Tournier, A.	Special agent, at \$4 per diem and \$100 per month.	308.00	237.17
Duvel, August.	Special agent, at \$3 per diem.	16.00	.....
Epps, G. Ollie.	do.	12.00	.....
Galehouse, D. W.	do.	1.50	.....
Myers, Clyde H.	do.	189.00	.....
Oehler, John E.	do.	12.00	.....
Ayres, Thomas W.	Special agent, at \$1,000.	233.04	142.28
Ballard, W. S.	Special agent, at \$1,000, and scientific assistant, at \$1,200.	805.56	610.80
Clarke, Fred W.	Special agent, at \$1,000.	999.98	257.67
Allison, Fred G.	Special agent, at \$900.	152.50	120.63
Butler, O.	Special agent, at \$75 per month.	75.00	82.56
Carlyle, Alexander.	do.	900.00	.....
Dodson, Joe B.	do.	300.00	.....
Thompson, Oscar A.	Special agent, at \$900.	900.00	42.67
Tull, John H.	Special agent, at \$75 per month.	300.00	862.14
Wester, P. J.	Special agent, at \$900.	900.00	440.03
Hechler, C. H.	Special agent, at \$70 per month.	630.00	.....
King, F. T.	Special agent, at \$840.	210.00	.....
Burr, W. W.	Special agent, at \$60 per month and \$90 per month.	720.00	120.56
Chilcott, Ellery F.	Special agent, at \$60 per month.	720.00	135.83
Olliver, A. D.	do.	350.00	.....
Davis, Clifford W.	do.	480.00	17.19
Drummond, Bruce.	do.	180.00	9.95
Grace, Oliver J.	do.	180.00	48.78
Hazen, L. E.	do.	690.00	102.62
Hudson, E. W.	do.	120.00	.....
Marsh, Hadleigh.	do.	94.00	89.23
Meadows, James O.	do.	600.00	509.28
Stone, A. L.	do.	720.00	.....
Wolf, Frank.	do.	720.00	.....
Balz, Sylvester.	Special agent, at \$55 per month, at \$60 per month, and \$75 per month.	805.00	119.42
Alexander, Chas. L.	Special agent, at \$50 per month.	600.00	.....
Burnett, L. C.	do.	550.00	106.55
Churchill, Omar O.	do.	600.00	.....
Churchill, Virgil L.	do.	50.00	.....
Cotton, J. S.	Special agent, at \$50 per month, and scientific assistant, at \$1,500.	1,387.50	909.90
Doane, D. H.	Special agent, at \$50 per month.	115.00	251.89
Faurot, F. W.	do.	150.00	441.98
Heringa, E.	do.	106.67	221.40
Hoke, Charles A.	do.	41.67	46.59
Hoover, Chas. P.	do.	500.00	471.49
Iddings, E. J.	do.	108.33	320.80
Jones, J. W.	do.	50.00	.....

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Pomeroy, Carl Stone.....	Special agent, at \$50 per month.....	\$200.00	.....
Savage, E. M.....	Special agent, at \$45 per month.....	106.50	.....
Easterbrook, Henry.....	Special agent, at \$500 and \$700.....	283.33	\$61.70
Wilson, A. D.....	Special agent, at \$400.....	400.00	120.95
Chestnut, Victor K.....	Special agent, at \$30 per month.....	165.00	.....
Salmon, Cecil.....	Special agent, at \$300.....	287.50	.....
Waldron, L. R.....	Special agent, at \$25 per month.....	300.00	149.55
Bull, Coates P.....	Special agent, at \$200.....	150.00	78.69
Sinclair, Wm.....	Special agent, at \$15 per month.....	135.00	.....
Gay, Juanita.....	Special agent, at \$10 per month.....	135.00	.....
Husmann, Fred L.....	Agent, at \$125 per month.....	375.00	190.05
Thompson, H. C.....	Laboratory aid, at \$1,020 and \$720.....	270.83	245.48
Lucas, Wm. R.....	Gardener, at \$60 per month.....	450.00	48.05
McCleary, W. B.....	Fence rider, at \$25 per month.....	300.00	.....
Aldrich, Myron O.....	Collaborator, at \$3 per diem.....	4.50	.....
Applegate, Elmer I.....	do.....	3.00	.....
Barmore, Geo. F.....	do.....	10.50	.....
Beebe, A. G.....	do.....	6.00	.....
Clark, M. N.....	do.....	4.50	.....
Clough, A. W.....	do.....	3.00	.....
Coppoc, J. L.....	do.....	6.00	.....
Demaree, F. H.....	do.....	12.00	.....
Dennis, J. M.....	do.....	1.50	.....
Easterly, K. G.....	do.....	15.00	.....
Emmert, H. L.....	do.....	10.50	.....
Enestvedt, E. G.....	do.....	7.50	.....
Fox, George M.....	do.....	3.00	.....
Freeman, G. A.....	do.....	9.00	.....
Garner, C. E.....	do.....	15.00	.....
Gilbert, Chas. B.....	do.....	3.00	.....
Glover, J. Newton.....	do.....	9.00	.....
Hartman, Simon B.....	do.....	12.00	.....
Hildebrant, Jeff.....	do.....	9.00	.....
Hyde, G. H.....	do.....	24.00	.....
Irish, John P., jr.....	do.....	24.00	.....
Jamison, John M.....	do.....	6.75	.....
Jones, B. H.....	do.....	9.00	.....
Jordan, S. M.....	do.....	6.00	.....
Kelly, J. G.....	do.....	4.50	.....
Kirkland, Geo. A.....	do.....	9.79	.....
Larsen, L. D.....	do.....	18.00	.....
McQuerrie, C. K.....	do.....	6.00	.....
MacNair, H. C.....	do.....	6.00	.....
Mathias, C. M.....	do.....	10.00	.....
Meroney, J. N.....	do.....	6.00	.....
Mertz, Otto.....	do.....	7.50	.....
Miller, Herman.....	do.....	6.00	.....
Moen, Ida J.....	do.....	6.00	.....
Palmer, W. S.....	do.....	1.50	.....
Rahm, J. Q. A.....	do.....	3.00	.....
Roaldson, Gilbert.....	do.....	3.00	.....
Salisbury, F. A.....	do.....	3.75	.....
Shore, Nahum D.....	do.....	9.00	.....
Smith, Henry B.....	do.....	9.00	.....
Smith, J. P.....	do.....	6.00	.....
Stout, W. H.....	do.....	9.00	.....
Uhlhorn, Otto.....	do.....	6.00	.....
Ware, Walter S.....	do.....	12.00	.....
Whiteford, Henry C.....	do.....	9.00	.....
Cole, John S.....	Collaborator, at \$500 per annum.....	300.00	.....
Forbes, R. H.....	do.....	300.00	.....
Gadsden, Ellise H.....	Collaborator, at \$25 per month.....	116.67	.....
Jones, Lewis R.....	do.....	300.00	.....
Kelleman, Wm. A.....	do.....	75.00	.....
Kimberly, A. Elliott.....	do.....	75.00	.....
Richtman, W. O.....	do.....	125.00	.....
Rumbold, Caroline T.....	do.....	50.00	.....
Shaw, George W.....	do.....	200.00	.....
Shepperd, John H.....	do.....	300.00	.....
Stabler, Austin Lea.....	Collaborator, at \$500.....	200.00	.....
Wooton, Elmer O.....	Collaborator, at \$25 per month.....	25.00	.....
Allen, R. S.....	Collaborator, at \$250.....	166.67	.....



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Churchill, G. W.	Collaborator, at \$200.	\$200.00	
Harper, Joseph N.	Collaborator, at \$15 per month.	180.00	\$36.67
Rolls, P. H.	Collaborator, at \$10 per month.	120.00	
Rowlee, W. W.	do.	30.00	75.67
Childers, L. F.	Collaborator, at \$5 per month.	40.00	
Stuart, William.	do.	60.00	
Fries, E. Miller.	Collaborator, at \$2 per month.	24.00	
Beattie, R. Kent.	Collaborator, at \$1 per month.	11.00	
Bolley, Henry L.	do.	12.00	
Brown, Wm. M.	do.	5.00	
Elling, O. H.	do.	9.00	
Heald, Frederick D.	do.	12.00	
Heller, Charles S.	Collaborator, at \$1 per month, and scientific assistant, at \$50 per month.	46.00	102.30
Kern, Frank D.	Collaborator, at \$1 per month.	3.00	
Lyon, T. L.	do.	2.00	
Montgomery, E. G.	do.	10.00	
Moore, R. A.	Collaborator, at at \$1 per month and \$300.	281.59	66.09
Norton, J. B. S.	Collaborator, at \$1 per month.	7.00	
Paddock, Wendell.	do.	12.00	
Pamel, L. H.	do.	12.00	18.96
Park, A. V.	do.	6.00	
Selby, A. D.	do.	12.00	117.82
Sheldon, J. L.	do.	12.00	
Snyder, Wm. P.	do.	12.00	9.10
Stevens, F. L.	do.	12.00	
Stone, George E.	do.	12.00	
Whetzel, H. H.	do.	12.00	
Wilcox, E. Mead.	do.	12.00	
Willard, John T.	do.	12.00	
Rondebush, Lowell.	Collaborator, at 37½ cents per hour.	1.50	
Taylor, Thomas C.	Clerk, stenographer, and typewriter, at \$1,080.	1,080.00	
Morrison, George W.	Clerk, stenographer, and typewriter, at \$1,000.	5.56	
Hudson, Agnes T.	Clerk, stenographer, and typewriter, at \$840.	525.00	
Roberts, Harry.	Clerk, at \$720 and \$840.	570.00	
Worthen, G. C.	Clerk, at \$660.	165.00	6.55
Jones, K. D.	Stenographer and typewriter, at \$50 per month.	50.00	
Pershing, Harry.	Laborer, at \$50 per month, at \$15 per month, and \$60 per month.	475.00	
Zumwalt, Frank.	Laborer, at \$50 per month.	362.08	
Avery, Lloyd E.	Laborer, at \$35 per month.	90.42	
Ewing, E. C.	Laborer, at \$25 per month.	212.50	
Dagwell, Robt.	Laborer, at \$20 per month.	209.33	
Hall, W. J.	Laborer at \$2.50 per diem.	22.50	
Gray, Paul.	Unskilled laborer, at \$60 per month.	258.00	
Chapman, A. H.	Unskilled laborer, at \$50 per month.	50.00	
Hess, Geo. W.	do.	9.16	
Middleton, J. W.	do.	100.00	
Bond, W. H.	Unskilled laborer, at \$45 per month.	135.00	
Reed, L. L.	do.	157.50	
Sarvis, J. T.	do.	135.00	
Scott, John T.	do.	540.00	
Strathman, C. H.	Unskilled laborer, at \$40 per month.	72.00	
Bryant, Ernest.	Unskilled laborer, at \$35 per month.	420.00	
Post, Arthur.	do.	16.33	
Ellis, Frank H.	Unskilled laborer, at \$30 per month.	40.00	46.70
Summers, J. C.	Unskilled laborer, at \$25 per month.	50.00	
Ullrich, Fritz.	do.	50.00	
Clark, Wilmer R.	Unskilled laborer, at \$15 per month.	15.00	
Toler, John I.	Unskilled laborer, at \$2.50 per diem.	62.50	
Wood, James A.	do.	35.00	
McCord, John N.	Unskilled laborer, at \$2.25 per diem.	52.88	
Swesey, A. C.	Unskilled laborer, at \$2.25 per diem and \$2.50 per diem.	425.16	
Marshall, Chas.	Unskilled laborer, at \$1.50 per diem.	196.50	
Sampson, R. J.	do.	100.50	
Small, D. C.	do.	51.37	
Zumwalt, James M.	Unskilled laborer, at \$1.25 per diem.	76.88	
Doyle, Lester.	Unskilled laborer, at \$1 per diem.	11.50	
Total.....		89,263.34	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28."<sup>1</sup>

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Writing Paper Co.....	\$412.90	Barber & Ross.....	\$67.27
Andrews Paper Co., R. P.....	1,060.32	Barker, Geo. M.....	3.00
Andrus & Church.....	20.27	Barker, J. W.....	2.50
Ballantyne, R. Carter.....	35.79	Barker & Kelly.....	1.65
Ballantyne & Sons, Wm.....	26.75	Barnard, H. I.....	18.50
Brentanos, Inc.....	13.25	Barry, Lawrence.....	41.86
Buxton & Skinner Stationery Co.....	16.50	Bartholomew, E.....	12.00
Clason Map Co.....	1.00	Bartlett, W. H.....	9.00
Contingent expenses, Department of Agriculture.....	1,951.39	Bates, G. M.....	1.00
Davison & Co., H. C.....	179.09	Bates, Jas. G.....	1.55
Dietzgen Co., Eugene.....	1.51	Neal, W. J.....	5.00
District of Columbia Paper Manufac- turing Co.....	76.05	Bean Spray Pump Co.....	6.87
Draper Manufacturing Co.....	1.05	Beavers, John M.....	10.00
Globe-Wernicke Co.....	2.25	Becker, C.....	22.75
Index Bureau.....	12.40	Becker & Co., Charles.....	143.87
Lamb & Tilden.....	12.55	Bell, James C.....	200.00
Library Bureau.....	383.90	Bensinger & Co., S.....	12.00
Lincoln, Fred S.....	136.32	Benton County Hardware Co.....	130.32
Lindenmeyr, Philip.....	12.80	Bergen, Thos. D.....	122.85
Lindenmeyr & Sons, Henry.....	9.38	Bernasco, J.....	99.20
Moore Corporation, John C.....	15.00	Berney Co., E. S.....	9.75
Morrison Paper Co., E.....	259.87	Betz, Ernest.....	16.40
Multum in Parvo Binder's Co.....	2.40	Bischoff, H. W.....	18.00
Parker, D. Frank.....	180.60	Bishop & Co., J.....	3.50
Pen Carbon Manifold Co.....	18.75	Bissing, Justus.....	1.25
Schmidt, Fred A.....	159.26	Blatherwick, E. G.....	5.00
Sharp & Sons, F.....	14.70	Bles-Moore Instrument Co.....	6.25
Smith Typewriter Co., L. C., & Bros.....	2.25	Blitch Co., N. H.....	4.38
Smith Printing Co., Robert.....	21.67	Blue Grass Phosphate Co.....	2.00
Stockett-Fiske Co.....	1.90	Bobbin & Atkins.....	27.00
Stone Press Copying Bath Co.....	6.00	Boehner & Co., L.....	30.66
Stott & Co., Chas. G.....	23.75	Bolgiano & Co., F. W.....	443.93
Swayze, Bailey & Co.....	13.30	Borden, A. P.....	123.59
Swayze, W. L.....	271.49	Boss, Andrew.....	133.44
Typewriter and Office Supply Co.....	19.75	Boyle & Co. (Incorporated), John.....	4.00
Underwood Typewriter Co.....	2.40	Brennan Construction Co.....	71.87
Union Envelope Co.....	45.50	Brentanos (Incorporated).....	1.62
United States Envelope Co.....	534.35	Brewer, Norman S.....	407.46
Vye, J. A.....	2.75	Brian, J. M., 3d.....	45.00
Yawman & Erbe Manufacturing Co.....	71.06	Brickell, M.....	22.25
Total.....	6,032.22	Brooks Bros.....	4.45
<i>Miscellaneous supplies, etc.</i>		Brooks Co., E. F.....	6.00
Advance Company.....	116.90	Brotherton, W. A.....	4.00
Albany Steam Trap Co.....	40.00	Brown, Alex.....	52.50
Alexandria Iron Works.....	3.12	Brown, J. I.....	5.00
Allamanna Svenska Utrades aktie- bolaget.....	150.00	Brown, Martha A.....	2.84
Allegheny Company.....	5.25	Brown & Sharpe Manufacturing Co.....	15.78
Allen, S. L. & Co.....	3.45	Bruce Co., John A.....	14.80
Allen Manufacturing Co., W. D.....	26.58	Brunskill, R. W.....	3.00
Amarillo Hardware Co.....	139.90	Bryant Fertilizer Co.....	22.00
Amarillo Sash and Door Co.....	14.00	Buck, F. M.....	29.75
American Can Co.....	42.00	Budge, Frank T.....	101.56
American Gas Furnace Co.....	12.00	Buffalo Forge Co.....	49.00
American Tool and Machine Co.....	100.00	Burchell Bros.....	49.78
American Wood Working Machinery Co.....	56.80	Burks, W. A.....	12.00
Amory, Browne & Co.....	28.90	Burnett, Robt. A.....	15.00
Anchor Lamp Co.....	10.22	Burpee & Co., W. Atlee.....	1.30
Anderson, J. D.....	9.42	Burton & Son, R. C. M.....	14.50
Armour & Co.....	18.51	Bush, B. F.....	4.00
Armour Packing Co. (Limited).....	2.91	Butler Co., W. H.....	4.00
Asher, J. L.....	5.00	Cady, M. S.....	206.05
Atlas School Supply Co.....	1.56	Calhoun, H. O.....	175.00
Aucher, W. D.....	15.00	California Fruit Co.....	3.50
Bailey-Lebby Co.....	68.12	Cameron & Barkley Co.....	39.38
Baist, G. Wm.....	15.00	Candler, Geo. V.....	.30
Baker & Co. (Incorporated).....	3.16	Canfield, F. J.....	59.04
Baldwin, Willie.....	8.25	Capital Paper Box Co.....	53.53
Ballantyne & Son, Wm.....	6.50	Capital Traction Co.....	45.00
		Card Manufacturing Co., S. W.....	14.03
		Carey Machinery and Supply Co.....	49.82
		Carl, Frederick.....	51.95
		Carolina Portland Cement Co.....	58.50
		Carter & Warner.....	73.21
		Cary Spring Works.....	3.75
		Cathcart, E. W.....	15.84

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Catlin Co., Elmer H.	\$24.60	Edge & Co., A. P.	\$46.52
Challenge Company.	34.50	Edmonston, Chas. R.	72.50
Chase, Carl F.	12.50	Ehemann, H. W.	30.00
Chicago House Wrecking Co.	28.90	Elliott & Co., James.	72.39
Chico Nursery Co.	45.50	Englehardt, F. C.	96.10
Church, M. E.	11.00	Ennis & Son, George T.	55.27
Church & Stephenson.	3,176.13	Ergood & Co., J. C.	6.47
Cissell, Co. (Incorporated), G. W.	2.50	Erie Preserving Co.	9.65
Clark, T. Edward.	1.00	Espey, John B.	133.18
Clay, Robinson & Co.	245.00	Estler & Son, T. W.	37.98
Clements, Frederic E.	24.72	Eureka Flint and Spar Co.	183.30
Clipper Lawn Mower Co.	11.00	Eytel, Carl.	5.00
Cloyd, W. B.	59.60	Fairbanks Co.	23.27
Coe Brass Manufacturing Co.	11.06	Fairbanks, Morse & Co.	250.00
Coe Mortimer Co., The.	17.00	Falls Church Telephone and Tele- graph Co.	7.50
Coffeyville Implement and Manufac- turing Co.	10.00	Farquhar Co. (Limited), A. B.	121.00
Colburn Bros.	148.50	Farquhar & Co., R. & J.	4.50
Collins Manufacturing Co., A. M.	118.63	Farrell, George L.	2.50
Colliver, A. D.	60.00	Ferguson, J. B.	110.47
Colorado Tent and Awning Co.	12.34	Ferrell & Co., A. F.	16.00
Columbia National Sand Dredging Co.	26.90	Ferry & Co., D. M.	5.21
Columbia Oil Co.	65.45	Fisher, Gustav.	4.25
Columbia Laboratories, School of Baking and Milling Technology.	100.00	Florida East Coast Ice Co.	50.47
Combahee Fertilizer Co.	39.50	Florida Tobacco Co.	940.50
Condon, Daniel D.	1.20	Ford, I.	79.75
Consumer's Mutual Supply Co.	53.60	Forke & Co., C. A.	7.70
Cooke, F. R.	9.75	Fort Dallas Land Co.	60.00
Cooley, D. P.	289.97	Franklin Laundry.	36.49
Copeland Co., M. G.	64.50	Frederick Lime and Stone Co.	85.00
Corbett, George E.	5.87	Friedlander & Sohn, R.	80.27
Corley, W. A.	6.00	Friend Manufacturing Co.	3.36
Cottingham, E.	378.19	Fries, Beall & Sharp Co.	5.00
Cotton, James S.	148.46	Fritch & Son, Geo. T.	17.50
Cummins & Cratty.	460.40	Fritzsche Bros.	.60
Cunningham Manufacturing Co.	6.75	Funk Bros. Seed Co.	36.50
Cunningham, T. M.	39.25	Gaarddahl, Christen.	7.50
Cutaway Hardware Co.	19.00	Gaertner & Co., Wm.	53.26
Cutler Electrical and Manufacturing Co.	15.80	Gardner, F. D.	15.00
Cyphers Incubator Co.	14.25	Garrett, A. O.	10.00
Daly, Wm. W.	3.40	Germuiller, J. P.	7.00
Daly & Hopper.	4.25	Gibson, James A.	44.60
Danzenbaker, O. A.	2.60	Gichner, Fred S.	66.40
Darlington Lumber Co., E. R.	19.38	Gillett, Edw.	7.50
Davenport Co.	18.00	Gipple, H. W.	90.33
Daw & Co., Wm.	74.15	Golding Sons Co.	4.64
Dayton Fruit Tree Label Co.	12.00	Good, James.	33.11
Dearborn & Warfield.	17.25	Gordon, Van Tine & Co.	53.34
DeMund, A. L.	162.24	Grain Dealers Co.	6.75
Dennison Manufacturing Co.	22.90	Grambs, A. B.	5.72
Denny Co., Walter L.	36.23	Grand, J. L.	8.00
Densmore Typewriter Co.	1.50	Granger, Lester.	69.25
Denton, Flossie.	2.78	Gravatt, C. U.	50.00
Deur, C. H.	42.00	Gray Herbarium of Harvard Univer- sity.	4.00
Dewitt Wire Cloth Co.	4.95	Gregory & Son, Jas. J. H.	8.00
Dick Co., A. B.	35.00	Griffin, Theodore.	7.30
Dickinson Co., The Albert.	8.30	Griffith, D. J.	22.50
Dickinson Heating and Plumbing Co.	5.00	Guggenlime & Co.	1.00
Diller, Caskey & Keen.	109.60	Guseman, John W.	50.00
Donaldson, E. G.	7.00	Hackman, A. D.	25.25
Doremus Machine Co.	35.00	Hall, W. D.	75.00
Drake, F. B.	76.88	Halladay, Edmund.	48.86
Dreer, (Incorporated), Henry A.	43.41	Haller Wall Paper Co.	9.50
Drew Co., H. & W. B.	6.50	Haloid Co.	49.00
Driver-Harris Wire Co.	14.85	Halsey, Palmer W.	8.00
Dulin & Martin Co.	18.51	Ham, Frank.	6.40
Duncanson, J. A.	49.92	Hammond Typewriter Co.	94.05
Dunford, J. W.	217.51	Hare, Lou G.	7.50
Dunham, Wm. L.	.50	Harrington & King Per. Co.	6.95
Dunmuir, J. M.	9.70	Harris & Schaefer Co.	8.83
DuPerow, M.	229.69	Harrison & Sons, J. G.	18.75
Dyer, Wm. H.	27.00	Harrison, Orlando.	5.00
Eberly's Sons, A.	11.25	Hartig, Louis.	69.76
Edis, L. W.	36.50	Hasbrook-Bargar Co.	1.60
		Hastings & Co., H. G.	5.40
		Hazleton E. P.	68.90
		Heaton Lumber Co., Geo.	7.40



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Heiskell, jr., & Co., P. H.	\$167.17	Knight & Co., W. P.	\$28.88
Heitmuller & Heider.	4.00	Knott & Mohler.	7.15
Henderson & Co., Peter.	16.85	Kohlbusch, Herman, sr.	1.13
Henderson, W. H.	7.50	Koller, Fritz.	1.50
Hershey Machine and Foundry Co.	7.80	Kraft, Wm.	5.15
Herzog, P. H.	142.00	Kremer, Geo. W.	21.00
Heurich Brewing Co., Chr.	28.50	Kunkel & Sons, Martin.	6.70
Heusinger Hardware Co.	19.20	Kutch & Son, S. B.	8.00
Hickerson, H. C.	26.50	Lamb Wire Fence Co.	15.00
Hicks, E. E.	7.00	Lamb & Tilden.	18.51
Higley Co., E. B.	29.10	Lambie Co. (Incorporated), Jas. B.	392.35
Hillig, Frank.	13.20	La Mesa Packing Co.	35.10
Hinde & Dausch Paper Co., The.	5.00	Lamore, B. M.	13.50
Hiser, Daniel.	341.94	Lane, Thos. J.	400.39
Hitchings, Grant G.	50.00	Lansburg & Bro.	1.13
Hockman, W. A.	10.50	Lautenschlager & Co.	37.25
Hodges, John G.	1.50	Lazenberry & Co., Chas. E.	68.20
Hoffman, C. W.	15.00	Leeds & Northrup Co.	2.35
Hoffman, F. C.	5.00	Lencke & Buechner.	7.00
Hoge & McDowell Co., Ind.	396.00	Lennon, G. W.	6.00
Hogue, R.	6.00	Lentz & Sons, Chas.	28.10
Holliday & Thomas.	349.13	Leonard Seed Co.	5.00
Holm, Theo.	21.60	Leverett, E. V.	4.25
Holmes & Co., Wm. E.	36.00	Lespinasse, A. J.	2.09
Holtzer-Cabot Electric Co.	57.08	Lewis, E. J.	1.60
Homes Ice Co.	278.67	Libbey & Co., Frank.	23.65
Hooker Co., H. M.	665.00	Lindsay Rubber Manufacturing Co., M.	25.65
Houck, S. D.	14.75	Lish, Frank.	11.75
Hughes, Alice.	45.00	Lisner, A.	11.40
Hugo Grain Co.	30.58	Littlefield, Alvord & Co.	4.90
Huntington Mills and Cooperage.	16.33	Livingston Seed Co.	1.00
Hunziker, O. F.	.60	Lofton, W. A.	12.83
Hurley, J. E.	22.80	Lord & Burnham.	477.57
Hutterly, A. O.	38.00	Los Angeles Ice and Cold Storage Co.	814.79
Hydraulic Press Brick Co.	116.00	Lowdermilk, W. H.	9.75
Hygienic Soap Gran. Co.	4.80	Lupton, S. L.	97.50
Ikedá, T.	25.21	Lutts & Son, Henry.	37.50
Improved Mailing Case Co.	3.08	Lutz & Co.	1.75
Indian Head Plantations (Incorporated).	486.54	McCabe, John L.	275.00
International Harvester Co. of America.	38.00	McCown, J. W.	5.20
Irish, H. C.	25.45	McCrimmon Lumber Co.	60.20
Jackson, W. B.	5.63	McCubbin Co., C. J.	24.68
James Bro.	19.75	McDonald Co., J. A.	108.41
Jenkins, Chas. S.	102.00	McIntyre Cement Co.	75.00
Jenks, W. S.	19.78	McKee Co., A. J.	2.00
Johnson, Joe M.	194.54	McMurray, A. W.	5.00
Jones & Laughlin Steel Co.	20.46	McNamara, Martin.	200.00
Journal of Mycology.	4.00	McNew, Sherman.	11.20
Joyce Engraving Co., Maurice.	16.00	Maag Co., The August.	56.75
Junk, W.	8.75	Machinery and Electric Co.	19.50
Kahlbaum, C. A. E.	4.06	Maclean, J. S.	55.25
Kaldenberg's Sons, F. W.	6.00	Maher & Grosh Cutlery Co.	8.65
Kann Sons & Co., S.	12.38	Makepeace & Co., A. D.	6.00
Kappler, Eugene.	7.81	Malone, M. R.	30.00
Katzenstein & Co., Otto.	12.70	Malony & Carter.	42.44
Kasbey & Mattison Co.	31.81	Manhattan Electrical Supply Co.	23.75
Keenan, R. C.	320.91	Maschauer, Geo. W.	12.00
Keese, M. B.	15.25	Matheson Lumber and Hardware Co.	44.84
Keller Sons, J. B.	1.50	Mathy Company.	19.25
Kellogg Switchboard and Supply Co.	54.25	May & Co., F. P.	1.15
Kelsey, Harlan P.	29.75	May & Son, W. H.	132.07
Kendall, J. B.	23.30	Meehan & Sons (Incorporated), Thos.	11.20
Kennedy, P. B.	14.00	Merrick, Ernest M.	.75
Kent Co., I. H.	276.12	Miami Automobile Co.	5.05
Keppel, J. J.	10.00	Michelson, George.	65.00
Kerley, Richard.	15.71	Middlebrook & Sons, J. O.	10.00
Kessler & Bro., C. S.	4.00	Midget Novelty Co.	6.75
Kilburn & Co.	176.79	Miller, Dubrul & Peters Manufactur- ing Co.	3.60
Killian Co., Geo. P.	128.84	Miller, H. H.	14.00
Kimball, H. M.	6.00	Miller, H. P.	8.80
King, J. D.	1.00	Miller, J. M.	72.75
King & Sons, John K.	3.04	Millhiser Bag Co.	202.13
King, W. L.	21.12	Mineralized Rubber Co.	117.50
Kling Hardware Co.	3.25	Minnix Co. (Incorporated), N. M.	5.00
Kneesi's Sons, K.	29.00	Mitchell, A.	142.50

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Mitchell, Byron.....	\$75.00	Randolph Paper Box Co.....	\$151.42
Modern Mexico.....	4.00	Rapid Computer Co.....	25.00
Monarch Typewriter Co.....	243.40	Rau, John C.....	109.47
Montgomery & Co.....	13.23	Read, G. P.....	1.96
Montgomery, John R.....	10.90	Rehm, H.....	10.00
Moon Co., Wm. H.....	60.50	Reid, James L.....	4.50
Moore Co.....	309.25	Reilly, Hugh.....	196.95
Moore Corporation, J. C.....	15.00	Remington Manufacturing Co.....	34.80
Morris, E. L.....	144.00	Remington Typewriter Co.....	514.90
Morse & Co., C. C.....	17.50	Renz & Ludwig.....	27.65
Morsell's Hardware Store.....	20.00	Rice Co., Jas. H.....	294.00
Muddiman & Co., C. A.....	15.50	Richard, J.....	23.06
Mueller Manufacturing Co., H.....	16.61	Riley, Thos. R.....	3.00
Mullin, Edward.....	5.00	Roach Drug Co., E. R.....	6.75
Munn & Son, H. L.....	29.15	Robinson, C. L.....	7.70
Munson, D. O.....	2.75	Rogers, Shoher.....	68.75
Munson Supply Co.....	10.50	Rogers, Wm.....	4.00
Murphy, J. J.....	119.00	Rounthwaite, George.....	8.00
Murray, B. P.....	6.00	Rudolph & West Co.....	922.14
Murray Engineering Co.....	17.20	Sadler, Geo. W.....	46.50
Muth & Co., Geo. F.....	469.55	Saibara, K.....	300.00
Mutual District Messenger Co.....	10.00	Saks & Co.....	8.94
Nager, Geo.....	12.50	Sanguenotti, E. F.....	100.90
Nagle Engine and Boiler Works.....	359.00	San Monte Fruit Co.....	69.95
National Electrical Supply Co.....	281.95	Sauter & Sons, Wm.....	8.25
National Ice and Cold Storage Co.....	304.45	Sawyer, Rufus H.....	57.50
National Mortar Co.....	220.82	Scarlett & Co., Wm. G.....	35.84
National Orange Co.....	245.00	Schafer & Co., E. G.....	362.43
National Pitless Scale Co.....	54.50	Schmid, Edw. S.....	384.24
Navy Department.....	74.14	Schondan & Lynch.....	15.25
Nawrath, J. P.....	34.41	Schott & Gen.....	5.49
New York Storage Co.....	49.88	Schultz, G. Edw.....	9.05
Niagara Radiator Co.....	21.27	Scientific Shop.....	15.00
Niagara Sprayer Co.....	25.00	Seabury & Johnson.....	15.00
Nicholson & Son, J. A.....	15.00	Seamark, Harry F.....	6.30
North Platte Lumber Co.....	12.00	Seaver, Fred J.....	2.00
Northrup, King & Co.....	19.20	Seffel & Son, Stephen.....	3.40
Oden, J. N.....	27.50	Senour & Langley.....	38.40
O'Donnell, James.....	9.00	Sharp & Sons, F.....	29.70
O'Donnell, W. J.....	8.12	Sheaffer, N. O.....	16.00
Ofutt, G. W.....	6.75	Shedd & Bro., S. S.....	5.45
Ohio Pump and Brass Co.....	40.00	Shenandoah Nurseries.....	10.00
O'Konite Company (Limited).....	92.89	Shepard, Charles U.....	6.00
Olds & Whipple.....	81.92	Shepperd, J. H.....	133.44
O'Leary, Lucy A.....	20.00	Shore, Chas.....	7.25
Oliver Machinery Co.....	18.60	Shorthand Writer.....	3.00
Oliver Typewriter Co.....	6.38	Simplex Electric Heating Co.....	12.90
Onings, George.....	37.19	Sinclair, Alex.....	6.00
Osborn, C. R.....	3.00	Small, John K.....	3.60
Page & Hill Co.....	8.80	Smith, Elizabeth.....	3.25
Palmer, Edward.....	49.99	Smith, H. A.....	10.00
Pasadena Ice Co.....	374.07	Smith, H. C.....	37.25
Patent Fin Hot Water Heating Co.....	19.50	Smith & Bro. Typewriter Co., L. C.....	166.00
Patten, Juliet Craik.....	28.00	Smith Premier Typewriter Co.....	99.70
Paxton, Geo. C.....	138.25	Smith Printing Co., Robt.....	8.34
Peerless Rubber Machine Co.....	18.00	Smith, Thos. W.....	64.40
Pennington, L. H.....	15.00	Smith Co., W. & T.....	12.00
Perrine & Sons, G. H.....	14.60	Smith, W. W.....	10.00
Perry, C. H.....	65.00	Soar Brothers.....	302.54
Peters & Co. (Incorporated), A. J.....	7.80	Somerville Co., Thos.....	1,601.75
Phillips, Harriett.....	10.00	Soules & Butler.....	5.94
Phoenix Nursery Co.....	5.62	Staacke Bros.....	55.00
Piece & Co., C. C.....	12.40	Standard Oil Co.....	91.45
Pierson, E. W.....	2.00	Stannard, Ambrose B.....	55.54
Pool, Joseph F.....	100.00	Stark Bros. Nursery and Orchard Co.....	200.34
Porter, Albert B.....	3.63	Stayner, G. E.....	12.10
Postmaster, Washington, D. C.....	27.00	Stearns Lumber Co., A. T.....	336.64
Potomac Brick Co.....	9.00	Stechert & Co., G. E.....	48.69
Potomac Electric Power Co.....	1,077.12	Steckler Seed Co. (Limited), J.....	8.25
Potomac Terra Cotta Co.....	13.00	Sternberg Manufacturing Co.....	4.00
Powell, George T.....	40.00	Stewart & Co.....	607.71
Power, W. E.....	31.50	Stoelting Co., C. H.....	4.50
Pratt & Whitney Co.....	311.25	Stover Engine Works.....	2.50
Prendergast Lumber and Coal Co.....	5.97	Strang, H. L.....	14.73
Punnett Bros.....	10.00	Strausburger, Jos.....	5.00
Putnam, Luther.....	50.00	Stringfellow-Hume Hardware Co.....	10.00
Ragan, Thos.....	148.00	Strohecker & McDermid.....	28.98
Rand-McNally Co.....	2.55	Sullivan, John.....	35.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Sutton & Sons.....	\$38. 43	Wilson Saddlery Co., J. H.....	\$45. 25
Swan, E. D.....	50. 00	Winfield, A. A.....	60. 00
Sweet, Asa.....	6. 00	Wittman, L. Oscar.....	25. 00
Swesey, A. C.....	839. 25	Wood, Jas. A.....	72. 80
Syracuse Chilled Plow Co.....	36. 24	Wood & Sons, T. W.....	17. 50
Taber, G. L.....	140. 00	Wood Mowing and Reaping Co.,	
Takahashi Katski.....	107. 89	Walter A.....	100. 00
Tavener, Floyd.....	5. 00	Woodman, W. W.....	50. 00
Taylor, W. C.....	63. 00	Woodward & Lothrop.....	68. 55
Temple, Wm. G.....	3. 50	Woolf & Co., C. M.....	263. 65
Thompson, L. L.....	23. 65	Workman, Derryberry & Fulk.....	12. 00
Thompson Mercantile Co., W. F.....	13. 90	Worst, J. H.....	33. 00
Thorburn & Co., J. M.....	5. 45	Wright, M. B.....	98. 36
Timmerberg, John C.....	17. 50	Wyne & Co., J. R.....	4. 20
Toler, J. I.....	108. 75	Young, John P.....	78. 75
Tolman, Ruel Pardee.....	35. 90	Young, Thomas.....	3. 45
Tolman Laundry.....	11. 23	Yuma Electric and Water Co.....	12. 00
Tonopah Lumber Co.....	73. 40	Zichtl & Co., A.....	38. 00
Topham, James S.....	99. 00		
Topper, I.....	23. 00	Total.....	44,393. 01
Traff, E. B.....	2. 00		
Trundle, E. H.....	9. 00	<i>Furniture.</i>	
Turton, J. Edward.....	29. 50	Clark, Davenport & Co.....	14. 35
Typewriter Office Supply Co.....	101. 25	Havemann, F.....	24. 00
Ulbrich Seed Corn Tester Co.....	6. 00	Hoeke, W. H.....	367. 26
Underwood, L. M.....	23. 66	Lansburgh Furniture and Carpet	
Underwood Typewriter Co.....	799. 53	Co., J.....	493. 06
Union Boiler Co.....	23. 00	Library Bureau.....	147. 25
U. S. Mailing Case Co.....	76. 44	Lineon, Fred S.....	772. 11
Universal Adding Machine Co.....	1. 75	Lundstrom Manufacturing Co., C. J.....	13. 00
University of Chicago Press.....	4. 50	Moses & Sons, W. B.....	445. 79
Sugar Co.....	87. 97	Peninsular Manufacturing Co.....	4. 20
Van Deman, Ruth.....	5. 00	Riley, F. M.....	42. 50
Van Loan, Maguire & Gaffney.....	. 65	Schoedinger, Fearn & Co.....	13. 50
Vilmorin-Andrieux Co.....	7. 45	Smith-Premier Typewriter Co.....	4. 50
Wade, G. Taylor.....	45. 00	Woodruff Manufacturing Co.....	555. 83
Waite-Baillie & Co.....	54. 50	Woodward & Lothrop.....	470. 53
Walford, D. N.....	7. 15	Yawman & Erbe Manufacturing Co.....	1,532. 10
Walker, J. B.....	90. 00		
Walker Sons, J. T.....	11. 20	Total.....	4,899. 98
Walker Brick Co., W. T.....	12. 60		
Walker, W. Irving.....	15. 00	<i>Fuel.</i>	
Wallace Barnes Co., The.....	1. 50	Adams Co., C. L.....	48. 75
Ward, A. J.....	21. 25	Allegheny Company.....	363. 49
Ward & Sons, Edgar T.....	30. 40	Berry-Bergs Coal Co.....	88. 94
Ward-Leonard Electric Co.....	12. 97	Beury-Davis Coal Co.....	11. 70
Warden, Henry.....	30. 00	Hyattsville Grain and Coal Co.....	45. 00
Ware Bros. Co.....	19. 80	Irish, H. C.....	30. 47
Warner, L.....	48. 00	Murphy, Robert.....	5. 12
Washington Hydraulic Press Brick		Polar Wave Ice and Fuel Co.....	7. 60
Co.....	36. 00	Release, Wm.....	44. 08
Washington Market Co.....	113. 75	Zeh Co. (Incorporated), Wm. J.....	21. 00
Washington Railway and Electric Co.....	15. 00		
Washington Wood Working Co.....	14. 98	Total.....	668. 15
Waters & Son, J. G.....	17. 60		
Waters & Son, S. D.....	58. 50	<i>Freight.</i>	
Watson, J. W.....	15. 95	Atchison, Topeka and Santa Fe R. R.	
Weaver, W. T. & F. B.....	1. 50	Co.....	35. 20
Weber, Geo. P.....	6. 00	Atlantic Coast Line R. R. Co.....	14. 85
Weeber & Son.....	1. 00	Baltimore and Ohio R. R. Co.....	58. 37
Weigel, Oswald.....	30. 47	Blue Line Transfer Co.....	4. 65
Welch, E. S.....	7. 25	Buffalo Cold Storage Co.....	28. 89
Welch, H. G.....	27. 00	Chicago, Burlington and Quincy R.	
Wesley & Son, Wm.....	29. 22	R. Co.....	. 33
Whipple, Chas. H.....	17. 48	Chicago, Milwaukee and St. Paul R.	
White, Fred J.....	68. 80	R. Co.....	3. 09
White, H. J.....	10. 00	Chicago and Northwestern R. R. Co.....	2. 79
White, J. St. Clair.....	55. 00	Clute, Alva B.....	5. 89
White & Co., Jno. A.....	136. 00	Coe, Mortimer Co.....	4. 04
White, O. C.....	17. 60	Fort Worth and Denver City R. R.	
White & Kirk.....	22. 20	Co.....	4. 33
Whitworth, R. B.....	37. 50	Knox Express Co., Geo. W.....	3. 02
Whyte, Warren M.....	61. 75	Littlefield, Alvoid & Co.....	152. 40
Widney, Jay.....	5. 00	Lupton, S. L.....	21. 83
Willett Seed Co., N. L.....	3. 75	McGregor, Wm. B.....	12. 00
Williams, Brown & Earle.....	. 75		
Williams, T. S.....	15. 00		
Williams, Warren W.....	74. 91		



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight—Continued.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
National Orange Co.	\$14.28	Allen, Henry	\$3.40
Norfolk and Washington Steamboat Co.	1.08	Altmann, Paul	386.92
Northern Pacific Rwy. Co.	2.68	American Distributing Co.	82.61
Pennsylvania R. R. Co.	108.05	Armour Fertilizer Works	49.34
Riverside Heights Orange Growers' Association.	10.98	Armour & Co.	34.50
Roosa, I. P.	90.56	Army Cycle Manufacturing Co.	11.00
St. Louis and San Francisco R. R. Co.	10.27	Bausch & Lomb Optical Co.	1,313.69
Transit Express Co.	11.00	Betz Co., Frank S.	6.51
Union Pacific R. R. Co.	7.07	Biddle, James G.	31.50
Washington-Southern R. R. Co.	9.20	Birch, Chas. D.	13.75
Total	617.41	Bishop & Co., J.	193.62
<i>Express.</i>		Boericke & Tafel, (Incorporated)	1.00
Adams Express Co.	1,722.00	Bolgiano & Co., F. W.	127.20
Ford, I.	15.13	Braun Co., F. W.	32.76
Pacific Express Co.	5.00	Braun Sons & Co., H.	3.30
Pasadena Ice Co.	1.75	Brereton, C. E.	24.92
United States Express Co.	404.97	Buch, F. M.	51.75
Wells, Fargo & Co.	239.68	Burch & Kleps.	2.00
Total	2,388.53	Burns & Sons, Jabez.	535.00
<i>Telegraph.</i>		Cambridge Botanical Supply Co.	3.69
Postal Telegraph Cable Co.	54.72	Carl, Frederick	1.75
Western Union Telegraph Co.	480.33	Cassella & Co.	5.63
Total	535.05	Chatillon & Sons, John	5.48
<i>Telephone.</i>		Clafin Optical Co.	5.00
Bell Telephone Co. of Missouri	124.80	Columbia Photo Supply Co.	293.29
Chesapeake and Potomac Telephone Co.	128.08	Combahee Fertilizer Co.	39.50
Falls Church Telegraph and Telephone Co.	70.80	Crosby Setam Gauge and Valve Co.	50.00
Miami Telephone Co.	23.00	Davis Bridaham Drug Co.	14.59
Total	346.68	Deekebach Sons Co., F. C.	375.00
<i>Rent.</i>		Draper Manufacturing Co.	41.67
Barker, Amanda V.	420.00	Dunham, Wm. L.	23.60
Beavers, John M.	1,500.00	Eastman Kodak Co.	76.05
Brickell, Mary	60.00	Eimer & Amend.	409.20
Brisco, Martha J.	420.00	Erker Bros. Optical Co.	195.00
Brown, Amanda E.	495.00	Evans, Henry	6.00
Brown, Walter A.	600.00	Fairbanks Co., The	86.72
Deeble, W. Riley (estate)	3,000.00	Farquhar & Co., R. J.	28.75
Dierkoph, Geo. H. and Helen.	80.00	Fassett, C. M.	16.50
Easterling, L. R.	50.00	Feast & Co., H. D.	164.72
Friedrichs, A. H.	420.00	Folmer & Schwing Co.	31.10
Gardner, Eliza	420.00	Fox, C. S.	2.75
Hazel, W. E.	70.00	Franklin & Co.	3.00
Hight, C. B., and Thos. H. Pickford	40.00	French Co., L. P.	6.00
Hoenebs, C. B.	45.00	Frese Optical Co., Adolph	16.00
Keller, Isadore	396.00	Friez, Julian P.	1,162.33
Knott, J. C.	13.40	Gacrtner & Co., Wm.	40.00
Landsdale, H. V.	360.00	Gall & Lembke	16.00
Simpson, Charles T.	420.00	Gilman, Z. D.	303.64
Tyler & Rutherford (Incorporated)	3,000.00	Goulds Manufacturing Co.	201.00
Total	11,809.40	Green, Henry J.	237.40
<i>Gas and electricity.</i>		Greiner Co., Emil	235.28
Laclede Gaslight Co.	28.47	Greiner & Fredericks	48.55
Potomac Electric Power Co.	2,376.78	Gurley, Wm. & L. E.	18.00
Union Electric Light and Power Co.	30.53	Haloid Co.	21.00
Washington Gas Light Co.	574.30	Heil Chemical Co., Henry	74.61
Total	3,010.08	Helder, T. G.	18.00
		Hews & Co. (Incorporated), A. H.	2.40
		Heyden Chemical Works	1.25
		Hubbard Co., S. B.	12.24
		Hughes & Co.	62.10
		Jenks, W. S.	5.76
		Jones & Lovejoy	10.69
		Kauffman-Latimer Co.	108.52
		Keuffel & Esser Co.	41.87
		Kny-Scheerer Co.	49.87
		Kohlbusch, Herman, sr	2.93
		Kraft, Wm.	367.05
		Lander & Smith	24.00
		Leeds & Northrup Co.	49.50
		Leese, M. A.	133.29
		Leitz, Ernest	123.34
		Lenz & Lossau	11.35
		Lincoln Photo Supply Co.	62.54
		Lockwood, W. A.	5.00
		Lutz & Co.	4.50
		McKee & Co., A. J.	12.26

## BUREAU OF PLANT INDUSTRY--Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Machlett & Son, E. ....	\$18.00	Chilcott, E. F. ....	\$135.83
Mackall Bros. ....	556.38	Church, C. G. ....	26.31
Mallinckrodt-Chemical Works. ....	2.22	Clarke, Fred W. ....	257.67
Mathy Co. ....	45.45	Clawson, Arthur B. ....	67.95
Meier Co., George. ....	.16	Cobey, W. W. ....	1,079.66
Merck & Co. ....	62.62	Cole, E. F. ....	762.51
Montgomery & Co. ....	26.50	Cook, O. F. ....	371.50
Mullet Bros. Photographic Supply Co. ....	9.51	Corbett, L. C. ....	295.38
Olds & Whipple. ....	38.75	Corrick, H. K. ....	262.81
Painter Fertilizer Co., E. O. ....	107.84	Cory, Victor L. ....	378.90
Parke-Davis & Co. ....	14.85	Cotton, J. S. ....	909.90
Payne, W. E. ....	126.00	Coville, F. V. ....	263.37
Pullman, E. J. ....	1,211.68	Crawford, Albert C. ....	205.39
Queen & Co. (Incorporated) ....	125.74	Crosby, M. A. ....	668.13
Remington Manufacturing Co. (Incorporated) ....	100.45	Davis, Clifford. ....	17.19
Rochester Optical Co. ....	1.33	Dennis, S. J. ....	1,017.87
Sanders Fertilizer Co. ....	41.25	Derr, H. B. ....	139.80
Sargent & Co., E. H. ....	189.70	Dewey, Lyster H. ....	434.60
Schmid, Edw. S. ....	32.50	Doane, D. H. ....	251.89
Schmidt, Fred A. ....	.63	Dodge, L. G. ....	1,096.53
Schneider Bros. ....	88.48	Drake, J. A. ....	764.86
Schutte & Koerting Co. ....	2.37	Drummond, Bruce. ....	9.95
Sharp & Dohme. ....	66.23	Duvel, J. W. T. ....	479.97
Sheetz, W. Silas. ....	708.41	Ellis, Frank H. ....	46.70
Smith Photo Supply Co., The. ....	13.85	Estabrook, Leon M. ....	48.10
Spencer Lenz Co. ....	179.48	Eustace, H. J. ....	1,077.45
Starrett & Co., L. M. ....	14.00	Faurot, F. W. ....	425.88
Swift & Son, James. ....	63.62	Fawcett, Geo. L. ....	44.83
Taylor Bros. Co. ....	225.00	Fitz, L. A. ....	255.59
Thomas Co., A. H. ....	789.20	Fletcher, W. F. ....	497.17
Torsion Balance Co. ....	54.25	Freeman, E. M. ....	504.84
Turton, J. Edw. ....	113.00	Galloway, B. T. ....	297.18
Valle & Young. ....	73.00	Garner, W. W. ....	226.07
Whital, Tatum Co. ....	570.64	Ganges, Joseph A. ....	2.80
Wilson & Toomer Fertilizer Co. ....	74.50	Gilbert, W. W. ....	217.05
Woodward & Dickerson. ....	65.00	Glasson, E. J. ....	344.20
Zeiss, Carl. ....	128.59	Goss, Willard L. ....	84.30
		Gould, H. P. ....	499.64
		Grace, Oliver J. ....	48.78
		Green, E. C. ....	217.85
		Griffiths, David. ....	908.10
		Hammerly, J. M. ....	9.30
		Harper, J. N. ....	36.67
		Harter, Leonard L. ....	695.24
		Hartley, C. P. ....	538.81
		Hastings, S. H. ....	62.15
		Hawkins, Lou A. ....	120.76
		Hazen, L. E. ....	102.62
		Hedgecock, Geo. G. ....	748.02
		Heidenman, C. W. H. ....	150.00
		Heller, Chas. S. ....	102.30
		Henkel, Alice. ....	2.25
		Heringa, E. ....	221.40
		Hibbard, R. P. ....	376.82
		Hitchcock, A. S. ....	369.55
		Hood, Samuel E. ....	353.14
		Hoover, Charles Potter. ....	471.49
		Hosford, G. W. ....	935.45
		Hunter, Byron. ....	870.81
		Husemann, Fred L. ....	190.05
		Husemann, Geo. C. ....	944.34
		Iddings, E. J. ....	320.80
		Jenne, E. L. ....	260.49
		Jensen, Chas. A. ....	289.52
		Kearney, T. H. ....	1,611.36
		Kellerman, K. F. ....	448.55
		Kelly, J. W. ....	26.20
		Kennard, Frank L. ....	121.35
		Keyser, Val. ....	8.06
		Kinsler, John H. ....	204.90
		Klugh, G. F. ....	127.10
		Kremers, Edward. ....	25.55
		LeClerc, J. A. ....	210.17
		Leidigh, A. H. ....	1,121.49
		Lewton, F. L. ....	120.31
		Lucas, W. R. ....	48.05
		Lutman, B. F. ....	5.40
Total. ....	14,212.20		
<i>Travel and station and field expenses.</i>			
Allard, H. A. ....	60.85		
Allison, Fred G. ....	120.63		
Ayres, Thos. W. ....	142.28		
Bain, Samuel M. ....	27.71		
Ball, Carleton R. ....	337.67		
Ballard, W. S. ....	610.80		
Balz, Sylvester. ....	119.42		
Beattie, W. R. ....	1,437.29		
Beckwith, T. D. ....	304.24		
Bell, Grace. ....	52.30		
Belz, J. O. ....	656.43		
Benton, Harmon. ....	149.27		
Bessey, Ernest A. ....	1,686.04		
Blanchard, H. F. ....	250.06		
Borden, A. P. ....	180.60		
Brackett, G. B. ....	14.95		
Brand, C. J. ....	1,359.04		
Brewer, V. C. ....	302.93		
Briggs, L. J. ....	529.42		
Brodie, D. A. ....	207.98		
Brown, Edgar. ....	751.37		
Brown, E. B. ....	660.41		
Brown, V. C. ....	25.25		
Bull, C. P. ....	78.69		
Burnett, L. C. ....	106.55		
Burr, W. W. ....	120.56		
Butler, O. ....	82.56		
Butterfield, E. C. ....	50.33		
Carleton, M. A. ....	866.02		
Carrier, Lyman. ....	836.71		
Cates, J. S. ....	503.92		
Chamberlain, Jos. S. ....	9.55		
Chase, Agnes. ....	42.12		
Chilcott, E. C. ....	1,460.17		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

Name.	Amount.	Name.	Amount
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
McClure, Harry B.....	\$658.88	Selby, A. D.....	\$117.82
Mann, Albert.....	229.65	Shamel, A. D.....	1,562.10
Marsh, C. Dwight.....	1,378.53	Shanahan, John D.....	416.61
Marsh, Hadleigh.....	89.23	Shantz, H. L.....	93.79
Marshall, F. R.....	30.90	Shaw, Harry B.....	106.10
Mason, Silas C.....	546.79	Shear, C. L.....	433.10
Meadows, James O.....	509.28	Smith, C. B.....	232.47
Metcalf, Haven.....	117.75	Smith, Erwin F.....	435.07
Miles, G. F.....	975.05	Snyder, W. P.....	9.10
Miller, Henry A.....	334.53	Spaulding, Perley.....	509.56
Mitchell, G. F.....	318.98	Spillman, W. J.....	676.33
Moore, R. A.....	66.09	Stewart, J. B.....	732.20
Munson, W. M.....	47.80	Stockberger, W. W.....	501.19
Ney, Henry E.....	13.10	Straughn, M. N.....	26.31
Norgood, C. P.....	205.44	Stubenranch, A. V.....	1,052.21
Norton, J. B.....	503.81	Swingle, Walter T.....	72.69
Oakley, R. A.....	595.23	Taylor, Wm. A.....	553.20
Oberly, Eunice R.....	70.31	Tenny, L. S.....	1,333.40
O'Gara, P. J.....	849.42	Thompson, H. C.....	245.48
Oliver, Geo. W.....	1.00	Thompson, O. A.....	42.67
Orton, W. A.....	228.98	Tidestrom, Ivar.....	11.50
Pammel, L. H.....	18.96	Tournier, A.....	237.17
Patterson, Flora W.....	5.61	Townsend, C. O.....	4,102.93
Payne, J. E.....	324.68	Tracey, S. M.....	168.45
Peck, W. A.....	1,016.71	True, R. H.....	699.11
Peterson, Wm. A.....	1,401.07	Tull, J. H.....	830.86
Powell, G. Harold.....	1,255.98	Tyler, Fred J.....	264.61
Prescott, Chas. W.....	34.61	Umberger, H. J. C.....	142.25
Quinn, C. E.....	1,148.52	Von Schrenk, Herman.....	1,084.63
Quirk, Agnes.....	1.81	Waite, M. B.....	883.31
Rabak, Frank.....	144.59	Waldron, L. R.....	149.55
Ragan, W. H.....	58.88	Warburton, C. W.....	3.00
Rasmussen, Andrew.....	189.20	Warner, Marjorie F.....	57.20
Reed, Joseph F.....	270.60	Warren J. A.....	857.43
Richtmann, W. O.....	264.99	Watson, Harry L.....	53.25
Rittue, E. C.....	1,387.62	Webber, H. J.....	291.69
Roberts, Harry.....	105.39	Wester, P. J.....	440.03
Robinson, T. R.....	214.27	White, H. M.....	662.03
Romig, L. H.....	101.90	Wight, W. F.....	608.90
Rorer, J. B.....	767.87	Williams, Louis S.....	222.69
Rowlee, W. W.....	75.67	Wood, Anna K.....	7.80
Safford, W. E.....	401.78	Woods, A. F.....	21.15
Saylor, Chas. F.....	1,097.23	Worthen, G. C.....	6.55
Schaefer, John E.....	104.00	Young, Thomas B.....	344.09
Scherflins, Wm. H.....	514.56	Zook, L. L.....	10.72
Scofield, C. S.....	1,456.15		
Scott, W. M.....	1,020.88	Total.....	84,405.61

Total amount of appropriation, including \$19,000 for rent, and by transfer of \$1,446.28 from Ozark Mountain fund.....	\$491,706.28
Total expenditures under above groups.....	\$459,939.84
Advance to J. H. Tull, temporary disbursing agent.....	2,277.07
Advance to G. N. Collins, temporary disbursing agent.....	1,351.01
Advance to J. R. Johnson, temporary disbursing agent.....	809.13
Advance to A. S. Hitchcock, temporary disbursing agent.....	517.78
Advance to W. A. Peterson, temporary disbursing agent.....	211.78
Advance to A. H. Leidigh, temporary disbursing agent.....	512.94
Advance to S. C. Mason, temporary disbursing agent.....	1,000.00
Advance to E. C. Green, temporary disbursing agent.....	2,999.21
	469,618.76
Unexpended balance on September 30, 1907.....	22,087.52
Repayments to credit of appropriation.....	225.84
Net unexpended balance on September 30, 1907.....	22,213.36



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry, 1907, \$491,706.28"—Continued.

## CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
Borden, A. P.	Tea	\$304.19
Boss, Andrew	Red clover seed	133.44
Brewer, N. S.	Tobacco	407.46
Brickell, Mary	Rent of land	60.00
Canfield, F. J.	Red clover seed	50.04
Coleman, Thomas A.	Cactus	1.00
Cooley, D. P.	Tobacco	289.97
Cottingham, E.	Drug plants	375.00
Drake, F. B.	Rent of land	76.88
Easterling, L. R.	Cotton	50.00
Ferguson, J. B.	Rent of land	.67
Florida Tobacco Co.	Tobacco	476.00
Do.	do.	464.50
Fort Dallas Land Co.	Rent of land	60.00
Gifford, John	do.	5.00
Gravatt, C. U.	Green manure crops	50.00
Griffith, D. J.	Rent of land	22.50
Indian Head Plantations	Tobacco	486.54
Johnson, Joe M.	Cowpeas	18.00
Keenan, R. C.	Cotton	320.91
Keller, Isidor	Rent (V. P. Quarters)	396.00
Malone, Fred	Green manure crops	30.00
McQuie, William A.	Rent of land	50.00
Do.	do.	50.00
Mitchell, Byron	Tobacco	75.00
National Electrical Supply Co.	Construction of oil engine	1,300.00
North Dakota Experiment Station	Alfalfa and red clover	33.00
North Carolina Department of Agriculture.	Grapes and cooperative vineyard	50.00
Pool, Joseph	Watermelons	75.00
Do.	do.	25.00
Potomac Electric Power Co.	Heating	2,100.00
Putnam, Luther	Potatoes	50.00
Remington Machine Co.	Ammonia compressor	1,050.00
Saibara, K.	Matting rushes	300.00
Shepard, Charles U.	Tea	825.00
Shepperd, J. H.	Red clover seed	133.44
Sinclair, Alex.	Cactus	6.00
Do.	Rent of land	9.00
Soar Brothers	Orange hybrids	12.50
Swan, E. D.	Sugar beets, alfalfa, and grain	50.00
Taber, G. L.	Hybrid citrus fruits	127.50
Toepfer, Otto	Barley	100.00
Utah Sugar Company	Sugar beets	88.65
Do.	do.	29.32
Walker, J. B.	Red clover seed	90.00
Walker, W. Irving	Manure crops (green)	15.00
Warden, Henry	Green manure crops	30.00
Wesener, J. A.	Durum wheat	100.00
Whipple, Charles H.	Red clover seed	17.48
Whitworth, R. B.	Tobacco	37.50
Williams, T. S.	Nematode-resistant plants	15.00
Woodman, W. W.	Experimental farm	30.00
Do.	do.	30.00
Young, Jno. P.	Red clover seed	75.00
Yuma Water and Light Co.	Rent of land	3.33
Yuma Electric and Water Co.	Water supply	12.00
Total		11,042.82

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry (Ozark Mountains), 1907, \$3,553.72."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Scott, W. M. ....	Assistant Pathologist, at \$2,000 .....	\$1,833.34	.....
Rorer, James B. ....	Scientific assistant, at \$1,200 .....	500.00	.....
Faurot, F. W. ....	Special agent, at \$50 per month .....	450.00	.....
Total .....	.....	2,783.34	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry (Ozark Mountains), 1907, \$3,553.72."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Rent.</i>	
Bean Spray Pump Co. ....	\$35.00	Burks, W. A. ....	\$25.20
Benton County Hardware Co. ....	6.82	<i>Apparatus, instruments, and laboratory material.</i>	
Buck, F. M. ....	7.50	Evans Smith Drug Co. ....	\$6.75
Gipple, H. W. ....	65.48	Mullett Bros. Photo Supply Co. ....	4.40
Goodwin, W. H. ....	40.25	Total .....	91.15
Hopkins, C. G. ....	24.00	<i>Travel and station and field expenses.</i>	
Lincoln, G. T. ....	26.55	Faurot, F. W. ....	16.10
McClure, J. W. D. ....	1.00	Rorer, James Birch .....	115.25
Smith, H. C. ....	37.50	Scott, W. M. ....	250.07
Total .....	244.10	Total .....	381.42
<i>Express.</i>			
Wells Fargo & Co. ....	21.95		

Total amount of appropriation .....	\$5,000.00
Less amount transferred to general expenses, Bureau of Plant Industry .....	1,446.28
Net amount of appropriation .....	3,553.72
Total expenditures under above groups .....	3,547.16
Unexpended balance .....	6.56

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry (grain investigations), 1907, \$15,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Leighty, Clyde E. ....	Special agent, at \$1,200 .....	\$100.00	\$143.55
Neal, Clarence A. ....	Assistant, at \$1,000 .....	791.67	.....
Morrison, George W. ....	Clerk, stenographer, and typewriter, at \$1,000 ..	41.67	.....
Smith, Le Roy M. ....	Laboratory helper, at \$840 .....	560.00	.....
Total .....	.....	1,493.34	.....

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry (grain investigations), 1907, \$15,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Shanahan, John D.....	Expert, at \$3,000.....	\$2,250.00	\$971.37
Leighty, C. E.....	Expert, at \$1,800.....	1,645.00	
Duvel, Joseph W. T.....	Assistant, at \$2,000.....	500.00	
Fitz, Leslie A.....	Scientific assistant, at \$1,800.....	1,350.00	
Boerner, E. G.....	Special agent, at \$1,500.....	1,154.17	1,058.84
Carroll, W. P.....	Special agent, at \$1,000.....	655.56	
Shane, Ovid.....	Special agent, at \$45 per month.....	135.00	
Total.....		7,689.73	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry (grain investigations), 1907, \$15,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.....	\$5.36	Rudolph & West Co.....	\$3.06
Ballantyne, R. Carter.....	1.08	Schafer & Co., E. G.....	2.35
Lamb & Tilden.....	1.16	Shane, Ovid.....	33.00
Lincoln, Fred S.....	9.32	Underwood Typewriter Co.....	269.00
Meyer & Thalkeimer.....	5.70	United States Bottlers Supply Co.....	23.75
Morrison Paper Co., E.....	2.26	Vacuum Oil Co.....	30.20
Swayze, W. L.....	28.97	Welsbach Co.....	13.55
Total.....	53.85	Woodward & Lothrop.....	18.00
		Wolf & Co., C. M.....	1.50
		Total.....	831.53
<i>Miscellaneous supplies, etc.</i>		<i>Furniture.</i>	
Baltimore Towel Supply Co.....	1.50	Central Stores, Incorporated.....	41.00
Barber & Ross.....	2.25	Collins, John L.....	9.00
Becker & Co., Charles.....	5.04	Hansell & Bro. (Limited), F. F.....	47.65
Church & Stephenson.....	41.00	Himmel & Son, M. L.....	95.00
Crowl Co., Pearre E.....	3.00	Hoeke, W. H.....	132.21
Dameron-Pierson Co., Limited.....	12.50	Lincoln, Fred S.....	63.00
Deal's Sons, Wm. H.....	58.66	Lucas Bros.....	41.70
Dennison Manufacturing Co.....	10.20	McDowell & Co.....	43.60
Dulin & Martin Co.....	.50	Minch & Eisenbrey.....	3.50
Duperow, M.....	67.00	Moses & Sons, W. B.....	13.25
Edmonston, Chas. R.....	1.25	Woodward & Lothrop.....	99.78
Gaiennie, J. S. (Limited).....	49.65	Total.....	589.69
Galbreath, Chas. H.....	3.00		
Grain Dealers Co.....	5.00	<i>Freight.</i>	
Himmel & Son, M. L.....	1.80	Littlefield, Alvord & Co.....	.24
Holloway Fire Extinguisher Co.....	24.00	Pennsylvania R. R. Co.....	.72
Kaufman & Sons, Louis.....	12.00	Roosa, I. P.....	4.00
Kellogg Switchboard and Supply Co.....	17.50	Total.....	4.96
Kohlbusch, Herman, sr.....	1.50		
Leishear & Co., Thos.....	4.00	<i>Express.</i>	
Lutz & Co.....	32.50	Adams Express Co.....	23.04
McCubbin Co., C. J.....	12.00	United States Express Co.....	14.58
Minch & Eisenbrey.....	1.75	Total.....	37.62
Moran, John A.....	2.75		
Morris Co., McGraw, W. W.....	5.75		
Murphy Co., E. J.....	.50		
Muth & Co., Geo. F.....	10.66		
Oden, J. N.....	12.50		
Okonite Co., Limited.....	13.33		
Plumhoff & Co., H. G.....	1.75		
Potomac Electric Power Co.....	14.20		
Reilly H.....	8.08		



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry (grain investigations), 1907, \$15,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Telegraph.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Postal Telegraph Cable Co.....	\$1.77	Gilman, Z. D.....	\$8.25
Western Union Telegraph Co.....	1.32	Greiner, Emil.....	279.45
Total.....	3.09	Hablston-Brickman Drug Co.....	6.90
<i>Telephone.</i>		Kohlbusch, Herman, sr.....	56.50
Chesapeake and Potomac Telephone Co.....	2.70	Mackall Bros.....	75.58
<i>Rent.</i>		Mathy Company.....	187.83
Chamber of Commerce Building.....	416.67	Pullman, E. J.....	4.55
New Orleans Board of Trade.....	300.00	Sheetz, W. Silas.....	12.00
Total.....	716.67	Thomas Co., A. H.....	60.34
<i>Gas and electricity.</i>		Torsion Balance Co.....	23.00
Consolidated Gas, Electric Light, and Power Co.....	2.10	Whitall, Tatum Co.....	12.13
<i>Apparatus, instruments, and laboratory material.</i>		Woolley Sons & Co. (Limited), Jas.....	5.28
Bausch & Lomb Optical Co.....	522.71	Total.....	1,299.57
Cohersh, Chas. E.....	15.00	<i>Travel and station and field expenses.</i>	
Eimer & Amend.....	30.05	Boerner, E. G.....	1,076.29
		Brown, Edgar.....	113.65
		Duvel, J. W. T.....	34.25
		Estabrook, Leon M.....	148.80
		Fitz, L. A.....	57.00
		Leighty, C. E.....	143.55
		Shanahan, John D.....	554.76
		Woods, A. F.....	44.45
		Total.....	2,172.75
Total amount of appropriation.....			\$15,000.00
Total expenditures under above groups.....			14,897.60
Unexpended balance.....			102.40
Repayment to credit of appropriation.....			1.80
Net unexpended balance on Sept. 30, 1907.....			104.20

## CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
Chamber of Commerce building, Baltimore.	Rent.....	\$416.67
New Orleans Board of Trade.....	do.....	300.00
Total.....		716.67

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry (improving roads), 1907, \$3,500."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.
<i>In Washington.</i>		
Banks, Lewis.....	Unskilled laborer, at \$1.50 per diem.....	\$19. 60
Butler, Samuel.....	do.....	15. 00
Chin, Edward.....	do.....	12. 94
Dickson, Samuel.....	do.....	12. 94
Duncan, Albert.....	do.....	11. 25
Fichter, W. H.....	do.....	15. 00
Inson, R. F.....	do.....	3. 00
Jackson, Jerry.....	do.....	1. 50
Johnson, Andrew.....	do.....	. 75
King, James E.....	do.....	87. 00
Proctor, John.....	do.....	12. 94
Richardson, Harry.....	do.....	11. 25
Sepsney, Wm.....	do.....	3. 00
Taliferro, N.....	do.....	73. 50
Thomas, James.....	do.....	12. 19
Murphy, J. J.....	Bricklayer, at \$6 per diem.....	42. 00
Murphy, James.....	Bricklayer's helper, at \$2.50 per diem.....	17. 50
Total.....		342. 36

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Bureau of Plant Industry (improving roads), 1907, \$3,500."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Brennan Construction Co.....	\$132. 00	Stannard, A. B.....	\$19. 56
Church & Stephenson.....	15. 01	Taliferro, Wm.....	24. 00
Columbia National Sand Dredging Co.....	2. 10	White, Fred J.....	66. 60
Costello, Timothy.....	36. 50	Total.....	3, 108. 14
Cranford Paving Co.....	32. 25		
Horan, David.....	44. 60	<i>Fuel.</i>	
Horan, Julia.....	58. 50	Zeh Co. (Incorporated), W. J.....	28. 00
McNamara, Martin.....	175. 00	<i>Travel and station and field expenses.</i>	
Muth & Co., G. F.....	. 30	Eldridge, J. H.....	1. 60
National Mortar Co.....	2, 374. 05		
Potomac Brick Co.....	45. 00		
Schafer & Co., E. G.....	44. 03		
Somerville Co., Thos.....	38. 10		
Standard Oil Co.....	. 64		
Total amount of appropriation.....	\$3, 500. 00		
Total expenditure under above groups.....	3, 474. 10		
Unexpended balance.....	25. 90		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds, 1907, \$205,140."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Tracy, Will W., sr.	Superintendent, at \$3,000	\$3,000.00	\$436.05
Whittleton, R. J.	Superintendent, at \$2,000	2,000.00	
Tracy, J. E. W.	Assistant superintendent, at \$2,000	2,000.00	528.35
Bateman, C. C.	Assistant superintendent, at \$1,400	723.33	
Pieters, A. J.	Botanist, at \$2,750	611.11	15.75
Tracy, W. W., jr.	Assistant botanist and clerk, at \$1,400	1,400.00	
Piper, C. V.	Agrostologist, at \$2,250	2,250.00	835.11
Westgate, J. M.	Assistant, at \$1,500, and scientific assistant, at \$1,800	1,625.00	754.94
Oakley, R. A.	Assistant, at \$1,400	1,166.67	
Dodge, L. G.	Assistant, at \$1,200	400.00	
Warren, J. A.	do	400.00	
Nielson, H. T.	Assistant, at \$1,000 and \$1,200	1,100.00	335.33
Morse, W. J.	Assistant, at \$900	22.50	
Doyle, Emma S.	Student assistant, at \$25 per month, and assistant, at \$720	667.50	
Evans, M. W.	Scientific assistant, at \$840	350.00	287.34
Bort, K. S.	Aid, at \$1,000	973.60	
Hopkins, F. B.	Aid, at \$60 per month	720.00	22.60
Smith, R. H., jr.	Aid, at \$600	600.00	
Wheeler, C. F.	Expert, at \$2,000	2,000.00	
Oliver, G. W.	Expert, at \$1,800	1,350.00	
Schmitz, Nicholas	Expert, at \$1,200	1,200.00	852.91
Goucher, Edward	Expert, at \$1,000	333.34	119.13
Vinall, H. N.	do	883.34	407.17
Day, M. E.	Expert, at \$75 per month	736.25	
Mayer, August	Expert at \$900	600.00	117.50
Boyle, Henry H.	Expert, at \$720	60.00	191.86
Auhagen, G.	Expert, at \$50 per month	60.00	
Holland, R. B.	Inspector, at \$900	590.00	
Graner, Mike	Gardener, at \$660	192.50	
Duffy, Sadie	Frank counter, at \$720	720.00	
Albee, R. S.	Clerk, at \$1,200	973.33	
Gibson, William A.	Clerk, at \$1,000	208.33	
Eckman, Lulu L.	Clerk, at \$75 per month	112.50	
Rea, Edward P.	do	37.50	
Baxter, Mary A.	Clerk, at \$840	70.00	
Schneider, Mary M.	Clerk, at \$60 per month	138.00	
Barbiery, Marie	Clerk, at \$600	200.00	
Hinton, Agnes	Clerk, at \$40 per month	40.00	
Laird, Willie C.	do	53.33	
Manning, Helene F.	do	54.67	
Small, G. C.	do	40.00	
Estler, Harry S.	Clerk, stenographer, and typewriter, at \$70 per month, and clerk, at \$900	264.67	
Neilson, C. W. C.	Cabinetmaker, at \$3.50 per diem	444.50	
Wood, H. S.	Painter, at \$3.50 per diem	63.00	
Hall, Fred C.	Laborer, at \$60 per month	720.00	
Swann, Sidney	Laborer, at \$2 per diem	26.00	
Gillingham, M. P.	Laborer, at \$55 per month	462.92	
Ramsdell, K. P.	Laborer, at \$660	660.00	
Faunce, Harriet V.	Laborer, at \$45 per month	540.00	
Galleher, U. H.	Laborer, at \$40 per month and \$50 per month	590.00	
Gilbert, Mary M.	Laborer, at \$480 and \$540	496.34	
Hammill, Sarah H.	Laborer, at \$40 per month	22.67	
Milstead, E. H.	Laborer, at \$40 per month and \$50 per month	590.00	
Selzer, Wm. C.	Laborer, at \$40 per month	184.00	
Wine, Elizabeth B.	do	40.00	
Rustine, Lucy C.	Laborer, at \$30 per month	360.00	
Bouton, Edmond L.	Laborer, at \$1.50 per diem	43.50	
Garrett, W. A.	do	184.50	
Hall, Benjamin H.	do	34.50	
Hammersley, J. J.	Laborer, at \$1.50 per diem, and messenger, at \$40 per month	478.50	
Henderson, A. T.	Laborer, at \$1.50 per diem	37.50	
Hume, Edward	do	109.50	
Lynn, T. H.	do	117.00	
Brown, Martha A.	Charwoman, at \$30 per month, and laborer, at \$35 per month	372.00	
Sipe Susan B.	Collaborator, at \$1 per month	12.00	
Total		38,055.90	



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds, 1907, \$205,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Conner, A. B.	Special agent, at \$60 per month, and scientific assistant, at \$1,000 and \$1,200.	\$1,053.34	\$551.51
Keeney, Calvin M.	Special agent, at \$50 per month.	250.00	
Kremers, Will.	Special agent, at \$20 per month.	240.00	60.75
Riggs, J. W.	Agent, at \$40 per month.	120.00	
McKee, Roland.	Scientific assistant, at \$720 and \$840.	800.00	382.89
Stewart, Robert.	Collaborator, at \$10 per month.	60.00	
Steele, Henry.	Laborer, at \$50 per month and \$60 per month.	210.00	
Total.		2,733.34	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds, 1907, \$205,140."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$429.55	Birdsell Manufacturing Co.	\$135.00
Ballantyne, R. Carter	3.70	Blackmore & Langdon	10.80
Beckley, O. P.	2.00	Bobbink & Atkins	52.00
Buck Manufacturing Co., T. S.	6.50	Boddington, Arthur T.	40.00
Cambridge Botanical Supply Co.	3.55	Boehme, F. W.	64.00
Contingent expenses, Department of Agriculture.	40.49	Bolgiano & Co., F. W.	453.61
Davison & Co., H. C.	43.56	Branch, R. E.	190.33
District of Columbia Paper Manufacturing Co.	4.80	Brantley Co., The A. P.	136.26
Lamb & Tilden.	8.75	Brasian Seed Growers Co.	21,145.78
Library Bureau.	54.45	Bray, N. M.	57.75
Lindemeyr, Philip.	6.45	Brentanos, Ind.	2.00
Morrison Paper Co., E.	17.38	Brewer, Norman S.	191.00
Parker, D. Frank.	34.20	Brott, L.	160.00
Stockett-Fiske Co.	.50	Brown Bag Filling Co.	41,239.59
Stott & Co., Chas. G.	3.65	Brown Brothers Co.	58.50
Swayze, W. L.	445.20	Bruce & Co., John A.	52.70
Swett, Chas. P.	12.55	Buckeye Nurseries	10.60
Union Envelope Co.	98.50	Bullard Brothers	150.00
United States Envelope Co.	142.72	Burpee & Co., W. Atlee	195.68
Yawman & Erbe Manufacturing Co.	12.24	Bushnell & Co., D. I.	2.00
Total.	1,371.34	Calhoun, W. A.	5.00
<i>Miscellaneous supplies, etc.</i>		Cambridge Botanical Supply Co.	3.00
Adams Co., E. B.	.47	Canfield, F. J.	125.00
Allen, C. L.	682.00	Capital Traction Co.	60.00
AmzI Godden Seed Co.	1.50	Capitol Freehold Land and Improvement Company.	216.45
Anderson & Co.	3.89	Carter, Dummett & Beale.	.60
Armour & Company.	3.20	Carter & Co.	7.08
Autograph Systems Co.	34.00	Caton, Fred C.	1.00
Bacon, Fred.	8.00	Chicago Carnation Co.	30.00
Bailey, Aaron T.	20.72	Childs, John Lewis.	45.50
Ball & Socket Manufacturing Co.	28.00	Chillicothe Lumber Co.	22.40
Ballantyne & Son.	5.40	Church & Stephenson	1,000.30
Barber & Ross.	19.21	Clark Brothers.	36.00
Barr & Sons.	9.91	Clark Co., Everett B.	556.60
Barrett, W. H.	3,400.00	Clark, R. E.	77.36
Barteldes Seed Co.	103.02	Cleveland Seed Co.	675.00
Barwell, J. W.	21.25	Cline, J. H.	15.00
Baumgarten Co., Herman.	2.50	Colbert, L. R.	116.00
Becker & Co., Charles.	50.64	Cole, J. W.	41.93
Benary, Ernest.	19.25	Cole, W. W.	25.00
Berkmans Co., P. J.	76.25	Columbia Pump and Well Co.	7.30
Bernasco, J.	144.90	Columbia National Sand Dredging Co.	60.00
Berry Seed Co., A. A.	1,154.40	Comstock, Ferre & Co.	22.61
		Conrad, Jones Co.	7.00
		Cook, C. E.	139.90
		Cooley, D. P.	151.00
		Cooper, W. H.	1.75

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds, 1907, \$205,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Corley, W. A.	\$200.00	Horne, J. E.	\$6.00
Corry, J. D.	261.40	Horner, H. B.	1.00
Coster, Paul R.	2.88	Hubbard, T. S.	167.20
Cottage Gardens Co.	300.00	Hunter (Limited), James.	227.59
Coy & Son, C. P.	272.00	Hutchens, J. T.	43.34
Crane Company	29.75	Hydraulic Press Brick Co.	18.00
Crane, E. L.	7.00	Ingegnoli, Frattelli	65.26
Crenshaw, D. M.	27.00	Jackson & Perkins Co.	45.00
Crenshaw Bros. Seed Co.	15.00	Jewell Nursery Co.	4.50
Cummer Manufacturing Co.	46.95	Johansen, Victor	87.40
Daly, Wm. W.	4.05	Johnson, Joe M.	237.50
Dawley, F. E.	200.00	Johnson & Musser Seed Co.	1.60
Dayton, A. R.	10.00	Jones Bros. Co.	635.00
Dayton Fruit Tree Label Co.	14.00	Jones & Co., G. R.	9.00
DeCamp, David M.	50.00	Jones, Hiram T.	24.00
DeGraaff Bros. (Limited)	100.30	Jones & Son, J. W.	182.00
Denison, W. A.	412.50	Jones & Lovejoy	16.90
Dennison Manufacturing Co.	40.47	Josselyn, Geo. S.	171.00
Dickinson Co., The Albert	72.50	Joyce Engraving Co., Maurice	1.00
Dickson Sons (Limited), Alex.	32.25	Ken, Otto G.	10.00
Dicksons & Co.	12.66	Kann Sons & Co., S.	1.83
Dietsch, F. R.	45.80	Katzenstein & Co., Otto	1.05
Diller, Caskey & Keen	19.25	Keasbey & Mattison Co.	1.44
Dorner & Sons Co., F.	52.00	Keenan, R. C.	437.34
Draper, J. S.	6.00	Keeney & Son, N. B.	93.20
Dreer (Incorporated), Henry A.	772.31	Kendall, J. B.	1.00
Drury, J. H.	28.00	Kenney, Seth H.	21.90
Du Perow, M.	505.28	Killian, Geo. P.	144.00
Eaton, J. Q.	50.00	Klaassen Printing Co.	1.75
Ebbert Seed Co.	447.00	Kleckley, W. A.	20.40
Eckert, John A.	18.00	Klemgard, J. S.	39.00
Eckford, Henry	5.28	Knott & Mohler	20.00
Edmonston, Chas. R.	5.25	Krelage & Zoon, B. H.	129.10
Elizabeth Nursery Co.	5.00	Lamb & Tilden.	15.15
Elliott & Co., James	39.82	Lambie Co. (Incorporated), J. B.	19.47
Ellwanger & Barry	60.50	Landreth Seed Co., D.	2.00
Englehardt, F. C.	30.00	Lane, Thos. J.	693.68
Ergood & Co., J. C.	8.10	Latham & Co.	11.91
Espey, John B.	16.85	Leaming, P. D.	10.00
Estler & Son, T. W.	1.00	LeCog & Co., A.	\$17.74
Fairbanks Company	139.92	Lenawee Seed Co.	221.76
Fancher Creek Nurseries, Inc	6.00	Liggett, Wm. M.	5.00
Ferrall & Co., A. F.	50.50	Livingston Seed Co.	6.20
Ferry & Co., D. M.	36.99	Logan, William	1,008.69
Fisher, Peter	12.00	Lompock Produce Co.	1,214.85
Fitzsimmons, Gleeson & Co., Inc.	1.35	Loy Hardware Co.	11.00
Florida Manufacturing Co.	11.75	McCullough's Sons Co., J. M.	33.02
Flower & Co., S. W.	731.26	McGuire, J. J.	78.95
Fox, G. A.	1.71	McIntyre Cement Co.	360.00
Franceschi, F.	5.00	McLendon Hardware Co.	2.21
Fritch & Son, Geo. T.	3.26	McMackin, J. B.	7.50
Gair Company, Robert	58.38	McNeal, John A.	40.00
Gay, David S.	612.00	Marshall, B. T.	35.00
Glen St. Mary Nurseries	128.50	Massachusetts Agricultural Experi- ment Station	7.50
Gobin-Ebbert Seed Co.	242.32	Mathis, W. T.	81.43
Gorham, John	3.00	May & Co., L. L.	166.00
Gregory & Son, Jas. J. H.	2.48	Mebane, A. D.	27.00
Griffith, D. J.	217.87	Meehan & Sons (Incorporated), Thos.	149.99
Groff, D. F.	4.75	Metcalfe, J. K.	4.80
Haager & Schmidt	8.19	Michell Co., Henry F.	262.20
Halladay, Edmund	15.00	Millhiser Bag Co.	1,018.50
Hanna, C. M.	60.00	Mineralized Rubber Co.	126.00
Hardie Seed Co., David	20.00	Monarch Typewriter Co.	1.00
Harris, Wm. K.	47.50	Montgomery, Sam.	84.00
Hartig, Louis	20.30	Moon, Sam'l C.	15.00
Harvey Seed Co.	154.71	Moon Co., Wm. H.	44.60
Hastings & Co., H. G.	2.00	Moore, C. F.	155.17
Have, Harry T.	9.00	Moore, Elliott	9.00
Hazleton, E. P.	9.75	Morris, Bessie L.	30.82
Heinemann, F. C.	5.94	Morrison, E. H.	5,397.65
Henbest, A. J.	45.00	Morse & Co., C. C.	1,943.93
Henderson & Co., Peter	34.78	Mosby, J. K.	12.50
Hewitt, D. D.	14.00	Moyer, Noah	17.00
Hewitt, Stephen	15.00	Munson, T. V.	52.50
Hiatt, J. M.	30.00	Muth & Co., Geo. F.	90.77
Hill Co., E. G.	62.00		
Holmes, John	250.00		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds, 1907, \$205,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
National Mortar Co.....	\$171.00	Toole, W. W.....	\$500.00
Nawrath, J. P.....	56.90	Topham, James S.....	25.50
Nebeker, P. A.....	23.25	Totty, Charles H.....	62.62
Northrup, King & Co.....	1,000.00	Typewriter Office Supply Co.....	2.00
Nungesser & Co., Henry.....	1,611.95	Underwood Typewriter Co.....	449.40
Nungesser, L. C.....	44.64	Vanderford, E. S.....	11.60
Nye, T. C.....	23.67	Vander Schoot & Son, R.....	844.90
Ogemaw Grain & Seed Co.....	25.00	Van Zanten Brothers.....	757.50
O'Hanlon Co., Thomas.....	54.00	Vaughans Seed Store.....	329.56
One Hundred and One Ranch.....	4.50	Veitch and Sons (Limited), Jas.....	27.94
Owl Commercial Co.....	100.00	Vilmerin-Andriux & Co.....	1,244.22
Pelon, Robert.....	133.89	Vincent & Son, R., jr.....	72.00
Perry, H. B.....	10.00	Vollmer & Co.....	76.75
Pierson Co., F. R.....	405.00	Walsh, M. H.....	28.50
Pilkington & Co., E. C.....	7.30	Ware, J. M.....	40.00
Platz & Son, C.....	.75	Warner, F. A.....	7.50
Plunkett, T. O.....	240.00	Washington Hydraulic Press Brick Co.....	43.00
Poat Bros.....	154.20	Waters, Henry J.....	5.00
Potomac Electric Power Co.....	12.00	Weaver, W. T. & F. B.....	1.00
Price, Thomas.....	9.00	Webb & Sons, E.....	6.77
Ragan, Thomas.....	330.00	Weber & Sons Co., H.....	15.00
Randolph Paper Box Co.....	0.70	Weeber & Don.....	196.48
Rawson & Co., W. W.....	1.40	Wells & Co. (Limited), W.....	66.18
Reasoner, E. N.....	2.25	Werniche Seed Co.....	38.00
Reid, James L.....	9.00	Western Seed and Irrigation Co.....	3,425.74
Reilly, Hugh.....	16.34	Wheeler, Carl.....	250.00
Remington Typewriter Co.....	6.27	White, Herbert C.....	5.00
Rice Seed Co., Jerome B.....	9,230.18	Will & Co., Oscar H.....	27.00
Riggs, J. W.....	32.25	Willett Seed Co., N. L.....	165.50
Riley, Marley.....	18.00	Williams, C. G.....	7.50
Robinson, J. C.....	5.00	Williams, T. S.....	24.50
Robinson Seed Co., J. C.....	327.75	Wilterdink, Edward J.....	13.30
Robinson Seed and Plant Co.....	63.00	Wittbold Company, Geo.....	37.50
Roehrs Co., Julius.....	43.75	Wood & Sons, T. W.....	32.00
Rogers Bros.....	3,787.58	Wood, Stubbs & Co.....	30.40
Rogers, W. C.....	5.00	Woodward & Lothrop.....	13.09
Rohnert, Waldo.....	235.00	Woolf & Co., C. M.....	31.50
Roof, David.....	33.73	Worcester, George S.....	87.50
Routzahn Seed Co.....	686.82	Yale & Towne Manufacturing Co.....	1.20
Rudolph & West Co.....	24.99		
Sanders, David.....	14.40		
Sanders, W. S.....	9.00	Total.....	131,834.41
Schafer & Co., E. G.....	58.96		
Schmid, Edw. S.....	154.50	<i>Furniture.</i>	
Schmidt, F. C.....	23.07	Clark, Davenport & Co.....	48.00
Schneiders' Sons, C.....	.50	Hoeke, W. H.....	79.50
School & Co., R.....	380.45	Lansburgh Furniture and Carpet Co., J.....	30.50
Scott Lagers Lumber Co.....	1.75	Moses & Sons, W. B.....	187.93
Seals, C. D.....	1.44	Woodruff Mfg. Co.....	36.00
Sears, Roebuck & Co.....	34.75	Woodward & Lothrop.....	61.95
Sherouse, W. H.....	122.50	Yawman & Erbe Manufacturing Co.....	495.84
Shive, T. H.....	40.00		
Shore, Chas.....	8.50	Total.....	939.72
Sioux City Seed and Nursery Co.....	2,027.50		
Skidelsky, S. S.....	8.75	<i>Fuel.</i>	
Slate Seed Co.....	59.50	Murphy, Robert.....	6.43
Sluis & Groot.....	999.09	Zeh Co. (Incorporated), Wm. J.....	3,177.51
Smith, A.....	29.20		
Smith, John W. MacRae.....	72.50	Total.....	3,183.94
Smith & Son, Nathan.....	19.25		
Smith Premier Typewriter Co.....	7.65	<i>Freight.</i>	
Smurthwaite Produce Co., C. A.....	16.25	Atchison, Topeka and Santa Fe Ry. Co.....	15.46
Sommerville Co.....	386.91	Baltimore and Ohio R. R. Co.....	182.94
Southwestern Seed Co.....	11.42	Chesapeake and Ohio Ry. Co.....	24.89
Steckler Seed Co. (Limited), J.....	2.25	Delaware and Hudson Co.....	.45
Steele, T. E.....	25.00	Evans, M. W.....	.75
Strasburger, Jos.....	25.00	Littlefield, Alvord & Co.....	688.00
Sturges, F.....	8.60	McCrary Transfer Co.....	8.25
Sutton & Sons.....	4.60	Norfolk and Washington (District of Columbia) Steamboat Co.....	7.14
Suzuki & Iida.....	50.01	Northern Pacific Ry. Co.....	140.14
Taber, G. L.....	851.25	Oregon Short Line R. R. Co.....	14.75
Tavanner, Cloyd.....	40.00		
Ten Eyck, A. M.....	100.25		
Thompson Carnation Co., J. D.....	37.50		
Thompson, L. L.....	53.75		
Thompson, O. A.....	30.00		
Thorburn & Co., J. M.....	167.29		



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds, 1907, \$205,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight—Continued.</i>		<i>Apparatus, instruments, and laboratory material—Continued</i>	
Pennsylvania R. R. Co.....	\$1,055.62	Columbia Photo Supply Co.....	\$66.04
Richmond, Fredericksburg and Potomac R. R. Co.....	1.71	Droer Manufacturing Co.....	.20
Roosa, I. P.....	28.10	Evans, Henry.....	6.75
Southern Pacific Company.....	194.69	Farquhar & Co., R. J.....	17.00
Southern Ry. Co.....	20.12	Fassett Co. (Incorporated), C. M.....	6.50
Union Pacific Railroad Co.....	3.49	Folmer & Schwing Co.....	4.80
Washington-Southern Ry. Co.....	231.92	Gilman, Z. D.....	6.17
Total.....	2,618.48	Jones & Co., G. W.....	18.65
<i>Express.</i>		Leese, M. A.....	121.86
Adams Express Co.....	586.31	Mackall Brothers.....	54.77
United States Express Co.....	270.27	Meier Company, George.....	8.00
Total.....	856.58	Painter Fertilizer Co., E. O.....	21.75
<i>Telegraph.</i>		Pullman, E. J.....	82.97
Postal Telegraph Cable Co.....	15.27	Sheetz, W. Silas.....	.90
Western Union Telegraph Co.....	85.47	Thomas, A. H.....	3.90
Total.....	100.74	Virginia-Carolina Chemical Co.....	304.94
<i>Telephone.</i>		Whitall, Tatum Co.....	25.80
Chesapeake and Potomac Telephone Co.....	42.56	Total.....	930.61
<i>Rent.</i>		<i>Travel and station and field expenses.</i>	
Bliss, A. O.....	3,000.00	Brown, Edgar.....	100.00
Bliss, D. S.....	10.00	Conner, A. B.....	551.51
Burnett, E. A.....	5.00	Corbett, L. C.....	363.00
Total.....	3,015.00	Evans, M. W.....	287.34
<i>Gas and electricity.</i>		Hopkins, F. B.....	22.60
Potomac Electric Power Co.....	106.99	Juenemann, H. E.....	989.93
Washington Gas Light Co.....	17.50	Keller, Chas.....	36.58
Total.....	124.49	Kremers, Will.....	601.75
<i>Apparatus, instruments, and laboratory material.</i>		McKee, Roland.....	332.89
Autographic Systems Co.....	30.00	McLennan, Robert.....	46.35
Bausch & Lomb Optical Co.....	148.31	Morrison, L.....	26.01
Century Camera Co.....	1.30	Nielsen, H. T.....	242.35
Total.....	180.62	Oakley, R. A.....	123.97
		Oliver, Geo. W.....	638.56
		Pieters, A. J.....	15.75
		Piper, C. V.....	835.11
		Reed, Joseph F.....	217.10
		Saunders, D. A.....	39.94
		Schmitz, Nickolas.....	852.91
		Tracy, J. E. W.....	528.35
		Tracy, W. W., jr.....	436.05
		Tracy, W. W., sr.....	308.85
		Vinall, H. N.....	407.17
		Westgate, J. M.....	754.94
		Total.....	8,877.91
Total amount of appropriation.....	\$205,140.00		
Total expenditures under above groups.....	194,085.02		
Unexpended balance.....	11,054.98		
Repayments to credit of appropriator.....	7.75		
Net unexpended balance.....	11,062.73		

## CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
Bivens, Lee.....	Experiment station.....	\$1.00
Bliss, D. S.....	Sweet corn.....	10.00
Brantley, A. P., Co.....	Cotton.....	98.76
Braslan Seed Growers Co.....	Tangier pea and scarlet vetch.....	80.00
Bray, H. M.....	Experimental field.....	20.00
Brewer, N. S.....	Sweet corn.....	15.00
Brown Bag Filling Machine Co.....	Mailing, etc.....	40,771.91
Do.....	Rental.....	400.00
Burnett, E. A.....	Sweet corn.....	5.00
Canfield, F. J.....	Alfalfa.....	125.00
Clark Brothers.....	Experimental farm.....	36.00
Cooley, D. P.....	Sweet corn.....	15.00
Dawley, F. E.....	Alfalfa.....	200.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds, 1907, \$205,140"—Continued.

## CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Dayton, A. R.	Sweet corn	\$10.00
De Camp, D. M.	Alfalfa	50.00
Holmes, John	Cotton	40.00
Hutchens, J. T.	Experimental farm	33.34
Johnson, Joe M.	Watermelons	140.00
Do.	do	75.00
Keeney, N. B., & Son	Peas	90.80
Klemgard, J. S.	Timothy	39.00
Littlefield, Alvord & Co.	Horse and wagon	429.00
McGuire, J. J.	Cotton	78.95
Do.	do	200.00
Minnesota Agricultural Experiment Station.	Sweet corn	5.00
Missouri Agricultural Experiment Station.	do	5.00
Morrison, E. M.	Flower seed	50.00
Plunkett, T. O.	Cotton	40.00
Register, J. R.	do	200.00
Robinson, J. C.	Sweet corn	5.00
Roger Brothers	Peas	5.00
Sanders, David	Timothy	14.40
Smith, J. W. M.	Bulbs	72.50
Taber, George L.	Orange trees	851.25
Utah Agricultural Experiment Station.	Sugar beets	400.00
Ware, J. M.	Cotton	40.00
Williams, T. S.	Watermelons	50.00
Total		44,701.91

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds (foreign), 1907, \$35,780."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Fairchild, D. G.	Explorer, at \$2,500	\$2,500.00	\$403.31
Barrett, O. W.	Assistant, at \$1,800 and \$2,000	1,838.89	203.80
Derr, H. B.	Assistant, at \$1,000	869.45	302.97
Young, R. A.	do	127.78	
Mayer, August	Expert, at \$1,200	400.00	
Boyle, Henry H.	Expert, at \$720	660.00	
Millott, Eugene	Clerk, at \$720	342.00	
Hall, Geo. W.	Fireman, at \$720	190.00	
Bryant, B. B.	Unskilled laborer, at \$1 per diem	3.00	
Green, George R.	do	2.00	
Ownes, Clarence B.	do	3.00	
Miller, C. S.	do	2.00	
Soper, Willie B.	do	2.00	
Total		6,940.12	
<i>Out of Washington.</i>			
Hansen, N. E.	Explorer, at \$75 per month	500.00	195.86
Goucher, Edward	Special agent, at \$1,000	649.99	
Beagles, R. L.	Special agent at \$60 per month and \$75 per month.	765.00	
Marks, I. G.	Special agent, at \$60 per month	420.00	
Johnson, B. G.	Special agent, at \$3 per diem	664.60	
Benson, W. D.	Special agent, at \$5 per month	55.00	
Nehrling, H.	Collaborator, at \$300	275.00	
Rowlee, W. W.	Collaborator, at \$10 per month	10.00	
Mann, Angus C.	Gardener, at \$900	900.00	40.58
Klopfier, Henry	Skilled laborer, at \$720	90.00	
Total		4,329.59	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds (foreign), 1907, \$35,780."

## LUMP-FUND SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$12.70	Remington Typewriter Co.	\$97.90
Ballantyne, R. Carter	5.50	Richter, F.	150.00
Davison & Co., H. C.	58.48	Rochester Optical Co.	6.25
Library Bureau	77.40	Rose, J. N.	10.44
Parker, D. Frank	1.33	Rossier freres et soeur.	64.55
Swayze, Bailey & Co.	18.50	Rudolph & West Co.	50.23
Swayze, W. L.	39.50	Russell, L. R.	16.91
Swett, Chas. P.	4.00	San Antonio Machinery and Supply Co.	41.79
Woodruff Manufacturing Co.	6.25	Sanders Fertilizer Co.	31.00
Yawman & Erbe Manufacturing Co.	12.00	Schmid, Edw. S.	133.25
Total	196.16	Scott, R. A.	38.69
<i>Miscellaneous supplies, etc.</i>		Secombe, W.	66.49
Allamanna Svenska Utsades Aktie- bolaget	83.32	Seffel & Son, Stephen	14.70
American Can Co.	21.77	Silliman, J. R.	333.33
Baker Bros.	7.05	Smith-Premier Typewriter Co.	8.00
Ball and Socket Manufacturing Co.	229.12	Stechert & Co., G. E.	23.10
Barber & Ross.	8.95	Steves & Sons, Ed.	49.47
Beavers, John M.	11.50	Strang, H. L.	26.24
Bees (Limited)	.28	Thompson, J. H.	28.75
Boehmer & Co., L.	34.96	Tips Hardware Co.	60.23
Bosch, J. D.	88.87	To-Kalon Vineyard Co.	662.40
Carter & Co., James	7.76	Underwood Typewriter Co.	90.15
Church & Stephenson	245.25	Varga, A.	3.00
Collins-Gunther Co.	3.50	Veitch & Sons (Limited), Jas.	6.09
Colombo	105.38	Vilmorin-Andrieux Co.	16.57
Cortopassi, Lewis	92.25	Webb & Sons, E.	8.80
Dennison Manufacturing Co.	2.00	Wente, C. H.	79.75
Dielmann, J. C.	53.19	Wesley & Son, Wm	3.00
Distel, Bernard	100.75	West End Lumber Co.	17.82
Dow Co. (Incorporated), Frank P.	2.50	Wilson & Toomer Fertilizer Co.	23.00
Dreer (Incorporated), Henry A.	50.80	Yokohama Nursery Co.	20.86
Englehardt, F. C.	6.00	Zorrilla, Bernardo	31.32
Fancher Creek Nurseries (Incorpo- rated)	2.25	Total	5,913.95
Forbes, R. H.	36.40	<i>Furniture.</i>	
Fresno Vineyard Co.	271.30	Hoeke, W. H.	24.84
Friend & Terry Lumber Co.	22.50	Lansburgh Furniture and Carpet Co., Julius	22.50
Furuya Co., M.	2.00	Moses & Sons, W. B.	3.15
Gallier & Bro., W. T.	27.28	Woodward & Lthrop	13.34
Griffing Bros. Co.	18.00	Yawman & Erbe	59.86
Haage & Schmidt	1.57	Total	123.69
Harding, Kaufman Implement Co.	13.90	<i>Freight.</i>	
Hartig, Louis	4.32	Biglin, Bernard	.32
Henderson & Co., Peter	30.75	Clute, Alva B.	.53
Hills Bros. Co.	34.02	Littlefield, Alvord & Co.	25.20
Hollis, W. Stanley	5.00	Northern Pacific Ry. Co.	.14
Hooker Co., H. M.	212.80	Pennsylvania R. R. Co.	259.88
Hunter, James (Limited)	3.79	Roosa, I. P.	123.78
Immer & Son, E.	249.26	Total	409.85
Ingegnotti, Frattelli	36.67	<i>Express.</i>	
Italian Vineyard Co.	101.45	Adams Express Co.	161.02
Johnson, Bernard G.	25.00	Northern Express Co.	10.72
Knox & Son, M. N.	11.00	Great Northern Express Co.	97.44
Laing & Mather	3.65	United States Express Co.	266.83
Lamb & Tilden	5.60	Total	536.01
Lambert & Sohne, J.	8.64	<i>Telegraph.</i>	
Lambie Co. (Incorporated), Jas. B.	42.95	Postal Telegraph-Cable Co.	18.24
Lamm, E. J.	10.95	Western Union Telegraph Co.	98.81
Lawrence, Mary	96.75	Total	117.05
Lazenberry & Co., Chas. E.	308.10		
Le Coq & Co., A.	300.92		
Logan, Daniel	3.75		
McIntyre Cement Co.	382.50		
Maverick, Mrs. Samuel	49.50		
Meyer, J. T. W.	6.25		
Millhiser Bag Co.	57.81		
Muth & Co., Geo. F.	33.45		
Nawrath, J. P.	4.65		
Pilkington & Co., E. C.	59.43		
Pulfer, R.	38.60		
Reilly, Hugh	33.40		



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds (foreign), 1907, \$35,780"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Amount.	Name.	Amount.
<i>Telephone.</i>		<i>Travel and station and field expenses.</i>	
Chesapeake and Potomac Telephone Co.		Baker, Geo. S.	\$40. 50
Eureka Telephone Co.	\$1. 50	Barrett, O. W.	203. 80
	5. 00	Bessey, Ernest A.	86. 79
Total	6. 50	Boyle, Henry H.	191. 86
<i>Apparatus, instruments, and laboratory material.</i>		Carleton, M. A.	248. 73
Armour Fertilizer Works.	34. 50	Caudell, A. N.	12. 00
Bausch & Lomb Optical Co.	10. 13	Derr, H. B.	103. 17
Century Camera Co.	4. 45	Dorsett, P. H.	397. 08
Columbia Photo Supply Co.	102. 98	Dyar, Harrison G.	51. 75
Draper Manufacturing Co.	46. 00	Fairchild, D. G.	403. 31
Folmer & Schwing Co.	22. 05	Fischer, Walter.	249. 70
Gilman, Z. D.	1. 75	Goucher, Edward.	119. 13
Leese, M. A.	11. 38	Hansen, N. E.	195. 86
Mackall Bros.	3. 83	Hastings, S. H.	22. 70
Pullman, E. J.	53. 46	Headley, F. B.	221. 32
Thomas Co., A. M.	7. 68	Huemann, Geo. C.	350. 76
Whitall, Tatum Co.	9. 90	Jardine, W. M.	199. 06
Wilson & Toomer Fertilizer Co.	6. 00	Klopfer, Henry.	111. 10
Total	314. 11	McKee, Roland.	50. 00
		Mann, A. C.	40. 58
		Mayer, August.	117. 30
		Stubenrauch, A. V.	151. 15
		Tull, J. H.	21. 28
		Warburton, C. W.	83. 40
		Total	3,732. 53

Total amount of appropriation	\$32,780. 00
Amount transferred from fund for erection of building at Chico	3,000. 00
Total appropriation available	35,780. 00
Total expenditures under above groups	\$22,619. 56
Advance to N. E. Hansen, temporary disbursing agent	1,494. 68
Advance to P. H. Dorsett, temporary disbursing agent	3,097. 62
Advance to F. N. Meyer, temporary disbursing agent	4,500. 54
Advance to August Mayer, temporary disbursing agent	1,300. 00
	33,012. 40
Unexpended balance	2,767. 60

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Purchase and distribution of seeds (foreign), 1907, \$35,780."

## CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
Bosch, J. D.	Vineyard	\$88. 87
Cortopassi, L.	do	92. 25
Distel, B.	do	100. 75
Fresno Vineyard Company	Grape culture	271. 30
Gundlach-Bundschu Wine Co.	Vineyard	150. 00
Italian Vineyard Company	Grape culture	101. 45
Lawrence, M.	Vineyard	96. 75
San Joaquin Valley Realty Co.	do	150. 00
To-Kalon Vineyard Company	Grape culture	662. 40
Wente, C. H.	Vineyard	79. 75
Total		1,793. 52

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Cotton-boll weevil investigations, 1907, \$105,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Spillman, W. J.	Agriculturist, at \$3,000	\$250.00	
Brodie, D. A.	Agriculturist, at \$2,000	2,000.00	\$681.02
Peck, W. A.	Assistant agriculturist, at \$1,000	166.67	
Webber, H. J.	Physiologist, at \$2,750	916.67	
Kearney, T. H.	Physiologist, at \$2,250	187.50	
Cook, O. F.	Bionomist, at \$2,750	572.92	
Orton, W. A.	Pathologist, at \$2,000	1,583.33	
Smith, C. B.	Assistant, at \$2,000	333.34	
Collins, G. N.	Assistant, at \$1,800	450.00	
Froley, J. W.	Assistant, at \$1,600	200.00	
Benton, Harmon	Assistant, at \$1,400	1,400.00	1,087.00
Crosby, M. A.	do	1,400.00	1,243.84
Drake, J. A.	do	233.34	
Carrier, Lyman	Assistant, at \$1,200	200.00	
McClure, H. B.	Assistant, at \$1,000	166.67	
Quinn, C. E.	do	166.67	
Allard, H. A.	Assistant, at \$900	900.00	207.04
Gilbert, W. W.	do	480.00	
Lewton, Frederick L.	Scientific assistant, at \$1,000	533.34	
McClelland, C. K.	Scientific assistant, at \$1,200	800.00	
Cates, J. S.	Scientific assistant, at \$1,000 and \$1,500	979.17	
Pittler, H.	Special agent, at \$2,250	2,250.00	
Boykin, E. B.	Special agent, at \$1,000, and agent, at \$1,200	1,100.00	949.64
Glasson, E. J.	Expert, at \$1,000	250.01	
Goding, Harry	Clerk, at \$1,000	308.33	
Kemball, Anna L.	do	22.22	
Wood, Anna K.	do	166.68	
Holland, John D.	Clerk, at \$840	630.00	
Hoke, W. B.	Clerk, at \$720	258.00	
Reid, W. A.	Clerk, at \$600	523.33	
Doyle, Ida L.	Messenger, at \$840	840.00	
Total		20,328.19	
<i>Out of Washington.</i>			
Seofield, C. S.	Agriculturist, at \$2,250	468.75	
Warburton, Clyde W.	Assistant agriculturist, at \$1,400	933.33	
Shamel, A. D.	Physiologist, at \$2,000	333.34	
Knapp, Seaman A.	Special agent, at \$3,000	3,000.00	1,529.84
Bain, Samuel M.	Special agent, at \$200 per month, and collaborator, at \$1 per month	1,206.00	512.75
Bennett, R. L.	Special agent, at \$2,000	2,000.00	952.29
Tracy, S. M.	do	2,000.00	1,115.24
Evans, James A.	Special agent, at \$150 per month	1,800.00	590.48
Kinsler, J. H.	Special agent, at \$125 per month	1,500.00	1,420.74
Shoemaker, D. H.	Special agent, at \$1,500, and expert, at \$1,800	1,575.00	553.92
Alsop, S. B.	Special agent, at \$100 per month	466.67	21.70
Bentley, Walter D.	do	1,176.67	486.40
Berryman, Lee J.	do	900.00	416.60
Giles, R. E. L.	do	633.33	145.55
Hall, G. A.	do	53.33	18.55
Peterson, Wm. A.	Special agent, at \$1,200	300.00	
Perrin, Louis E.	Special agent, at \$100 per month	1,200.00	957.13
Procter, Wm. F.	Special agent, at \$100 per month and \$125 per month	1,300.00	506.75
Quicksall, James L.	Special agent, at \$100 per month	1,200.00	428.75
Smith, Edward W.	do	1,200.00	218.80
Swaty, Anton V.	do	1,200.00	479.97
Wemple, Joe E.	do	1,200.00	551.85
Peterson, Fred O.	Special agent, at \$85 per month	255.00	
Apple, Wm. J.	Special agent, at \$80 per month	293.33	109.75
Caldwell, D. R.	do	840.00	503.43
Campbell, W. W.	do	256.00	189.85
Carson, James W.	do	160.00	
Featherston, L. H.	do	960.00	425.33
Gentry, E.	do	664.00	405.70
McKnight, Hiram L.	do	240.00	106.00
Slattery, John P.	do	400.00	356.85
Watkins, W. J.	do	554.67	376.85

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Cotton-boll weevil investigations, 1907, \$105,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kinnebrew, Irene.....	Special agent, at \$75 per month.....	\$900.00	\$14.90
Boyce, C. W.....	Special agent, at \$60 per month.....	510.00	460.16
Cowdin, Eugene P.....	Special agent, at \$60 per month and \$75 per month.....	792.50	222.40
Hilley, Francis A.....	Special agent, at \$60 per month.....	240.00	21.00
Watson, Stanley H.....	Special agent, at \$60 per month and \$30 per month.....	195.00	.....
Easterbrook, Henry.....	Special agent, at \$700.....	350.00	.....
Stallings, W. E.....	Special agent, at \$50 per month.....	380.00	5.50
Kinsler, J. Davis.....	Special agent, at \$45 per month.....	405.00	75.00
Peeler, Tom L.....	Special agent, at \$40 per month and \$25 per month.....	307.50	.....
Williamson, W. L.....	Special agent, at \$350.....	350.00	.....
Duggar, J. F.....	Special agent, at \$25 per month.....	200.00	.....
Stewart, S. M.....	do.....	200.00	.....
Richardson, F. E.....	Special agent, at \$200.....	166.67	.....
Gay, Juanita.....	Special agent, at \$10 per month.....	30.00	.....
Lloyd, E. R.....	do.....	120.00	.....
Saunders, D. A.....	Field agent, at \$125 per month.....	1,500.00	590.61
Hastings, S. H.....	Agent, at \$60 per month.....	436.00	.....
Headley, F. B.....	Scientific assistant, at \$1,200.....	1,200.00	931.87
Miles, Geo. F.....	do.....	500.00	.....
Nægle, Christina L.....	Assistant, at \$25 per month.....	37.50	.....
Nagle, Clara Marie.....	do.....	245.00	.....
Duncan, L. N.....	Collaborator, at \$25 per month.....	275.00	35.25
Howell, William M.....	do.....	13.33	.....
Polk, William.....	do.....	150.00	.....
Wood, Evans B.....	do.....	62.50	.....
Adger, J. E.....	Collaborator, at \$1 per annum.....	.33	.....
Bamberge, W. M.....	do.....	1.00	.....
Barrow, D. N.....	do.....	.88	168.90
Bishop, E. A.....	do.....	.55	.....
Campbell, Thos. M.....	do.....	.64	.....
Glassel, W. E.....	do.....	1.00	.....
Hudson, C. R.....	do.....	.67	.....
Ingram, I. S.....	do.....	.42	.....
Meharg, A. S.....	do.....	.75	.....
Phelps, J. C.....	do.....	.67	.....
Pierce, J. B.....	do.....	.55	.....
Rhodes, P. H.....	do.....	.32	.....
Sandy, T. O.....	do.....	.55	.....
Savely, Harvey E.....	do.....	1.00	.....
Stiles, J. R.....	do.....	.68	.....
Tate, H. D.....	do.....	.65	.....
Waldrop, C. S.....	do.....	.63	.....
Willis, J. W.....	do.....	.42	.....
Wilson, R. S.....	do.....	.34	.....
Watson, Harry L.....	Clerk, at \$1,400.....	233.33	.....
McLaughlin, F. M.....	Clerk, at \$1,200.....	193.33	55.00
McMahan, Clyde.....	Clerk, at \$50 per month.....	115.00	40.95
Boss, Ralph M.....	Clerk, stenographer, and typewriter, at \$840.....	445.67	.....
McGlasson, Robt.....	do.....	140.00	.....
Moore, Maude S.....	Clerk, stenographer and typewriter, at \$40 per month.....	60.00	.....
Price, Willie A.....	Laborer, at \$2 per diem.....	588.00	.....
Stedman, A. M.....	Laborer, at \$40 per month.....	180.00	.....
Stedman, H. W.....	do.....	160.00	.....
Walker, Jay B.....	do.....	218.67	3.80
Hamilton, Alexander.....	Laborer, at \$30 per month.....	300.00	.....
Work, Herman.....	Unskilled laborer, at \$45 per month.....	31.50	.....
Bright, Vassar S.....	Unskilled laborer, at \$40 per month.....	40.00	.....
Childers, G. W.....	do.....	480.00	.....
Franklin, Chas. L.....	do.....	262.67	10.65
James, Robert.....	do.....	40.00	.....
Kempton, James.....	Unskilled laborer, at \$35 per month.....	35.00	.....
Guerrero, Joe.....	Unskilled laborer at \$30 per month.....	180.00	.....
Guerro, Felipe.....	Unskilled laborer, at \$26 per month.....	156.00	.....
Wells, Willie.....	Unskilled laborer, at \$5 per month.....	17.50	.....
Total.....		43,783.54	.....



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Cotton boll weevil investigations, 1907, \$105,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$110.35	Gandy, C. A.	\$49.50
Ballantyne & Sons, Wm.	43.50	Garrison, T. S.	15.00
Bretnanos (Incorporated)	7.20	Geyser Ice Co.	4.50
Cargill Company.	144.95	Gill, J. M.	24.40
Contingent expenses, Department of Agriculture.	6.15	Glassell, John, jr.	28.75
Davison & Co., H. C.	58.48	Glen St. Mary Nurseries.	12.50
Library Bureau.	23.25	Goodson, Jake.	49.60
Lincoln, Fred S.	10.60	Greer, A. Y.	180.00
McMillan Book Co.	64.12	Griffis, T. L.	32.40
Morrison Paper Co.	14.52	Hammond Typewriter Co.	1.50
Parker, D. Frank.	43.45	Harding-Kaufman Implement Co.	80.00
Schmidt, Fred A.	.84	Haynes, E. M.	100.00
Sharp & Sons, F.	2.35	Haywood, B. H.	10.00
Smith Printing Co., Robt.	8.34	Haywood, K. F.	8.00
Stockett-Fiske Co.	1.79	Hensinger Hardware Co.	8.96
Swayze, W. L.	33.97	Hillyer-Deutsch Jarratt Co.	143.21
Swett, Chas. P.	.40	Hiser, Daniel.	8.50
Union Envelope Co.	22.50	Holmes, John.	61.00
United States Envelope Co.	96.24	Hoosier Drill Co., Div.	8.00
Yawman & Erbe Manufacturing Co.	97.75	Howell Brothers.	96.00
Total	790.75	Humphreys, Godwin & Co.	5.00
<i>Miscellaneous supplies, etc.</i>		Jeffers, W. L.	25.00
Adams Co., C. L.	4.45	Johnson, C. L.	17.09
Allen Manufacturing Co., W. D.	3.00	Johnson, Joe M.	22.90
Anderson, J. M.	100.00	Jones Printing Co., Limited.	109.75
Andrews, T. J.	15.00	Joyce Engraving Co., Maurice.	.50
Apel, Hiram.	11.25	Keaghey, Wm. S.	100.00
Barber & Ross.	.90	Keenan, Walter A.	11.25
Barnett, J. S.	20.00	Kendall, J. B.	24.60
Baxter, T. J.	10.00	Kimbrough, J. D.	127.75
Beaty & French.	1,817.60	Laas, Ernest.	100.00
Becker, C.	30.50	Kneesi's Sons, K.	12.50
Becker & Co., Charles.	2.95	Lake Charles Carriage and Imple- ment Co. (Limited)	6.00
Bernasco, J.	17.75	Lake Charles Press Co. (Limited).	121.50
Boligiano Co., F. W.	3.50	Lake Charles Printing Co. (Limited).	34.00
Bolls, J. A.	5.00	Lambie Co. (Incorporated) Jas. B.	9.88
Boyet, J. C.	7.25	Lamm, E. J.	3.47
Bradley, J. F.	20.25	Lamm, J. & E.	4.35
Brazil, W. L.	34.23	Logan, Dave.	2.50
Broadwell, John B.	5.00	McCargo, J. H.	22.20
Brown, M. L.	3.00	McCullough's Sons Co., J. M.	27.00
Burby, J. W.	3.00	McFadden, W. N.	125.00
Burns, Louis.	100.00	McGlosson, Robt.	51.30
Butler, G. H.	49.37	McLendon Hardware Co.	28.88
Cameron & Co., Wm.	6.00	McSween Co., John.	6.00
Cargill Co., The.	20.75	Martin, C. J.	7.50
Carrroll, J. L.	16.00	Mebane, Alexander.	15.00
Caston, S. T.	9.00	Meloy, I. B.	2.25
Church & Stephenson.	8.57	Millhiser Bag Co.	60.13
Collins-Gunther Co.	9.10	Munford, Wm.	100.00
Colorado Valley Pumping and Irriga- tion Co.	49.68	Murphy, C. B.	17.32
Continental Gin Co.	47.88	Murphy, John C.	6.45
Cox, Ed. T.	100.00	Muth & Co., Geo. F.	12.55
Crenshaw, D. M.	137.16	National Electrical Supply Co.	.25
Dawson, R. B.	400.00	Nawrath, J. P.	4.27
Demoss, W. H.	100.00	Oldham & Son, John H.	29.35
Dennison Manufacturing Co.	25.85	Orndorff, L. G.	1.50
Dielman, J. C.	32.99	Osborn, J. H.	3.60
Dill, Ball & Co.	4.50	Owen, L. D.	18.60
Dyer, Wm. H.	5.25	Pace, H. W.	12.90
Eaton, J. W.	49.25	Patterson, J. P.	19.50
Edmonston, Chas. R.	2.50	Phillips, G. R.	13.00
Edzards, H. U.	52.14	Pipkins, Jas. A., Jr.	25.00
Eichling, C. W.	3.85	Plunkett, T. O.	54.25
Espey, John B.	2.40	Press Printing Co.	207.75
Ferguson, J. M.	5.00	Rand, McNally & Co.	2.25
Fielding, W. H.	25.00	Reclamation Service.	28.77
Fisher, H. P.	498.60	Reid, J. W.	50.00
Fletcher, John C.	103.00	Reilly, Hugh.	1.32
Fletcher, R. S.	24.00	Remington Typewriter Co.	106.00
Foster & Co., C. J.	31.50	Reynolds, C. L.	15.00
		Robinson, T. P.	30.13
		Rogers, E. M.	122.50
		Rudolph & West Co.	7.79
		San Antonio Irrigation Co.	25.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Cotton boll weevil investigations, 1907, \$105,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Express.</i>	
San Antonio Machine and Supply Co.	\$241.71	Adams Express Co.	\$139.85
San Antonio Sheet-Metal Works	42.37	United States Express Co.	125.05
San Antonio Tent and Awning Co.	27.00	Total	264.90
Sanders, M. L.	3.00	<i>Telegraph.</i>	
Schmid, Edw. S.	12.40	Postal Telegraph Cable Co.	4.35
Schneider's Sons, C. A.	1.00	Western Union Telegraph Co.	30.89
Scott, R. A.	97.88	Total	35.24
Seffel & Son, Stephen	85.95	<i>Telephone.</i>	
Sharp & Sons, F.	27.80	Chesapeake & Potomac Tel. Co.	.20
Sistrunk, W. E.	28.00	Eureka Telephone Co.	55.00
Smith, H. L.	100.00	Southwestern Tel. and Tel. Co.	9.00
Smith, S. H.	43.50	Texas Telephone Co.	6.00
Smith, S. P.	158.00	Total	70.20
Sorrrells, A. S.	100.00	<i>Rent.</i>	
Stannard, A. B.	2.50	Halbert, O. I.	192.00
Stark, S.	5.00	Von Phul, Frank A. & Gordon, Smith, W.	360.00
Steven & Son, Ed.	113.93	Total	664.00
Stout-Greer Lumber Co.	37.50	<i>Gas and electricity.</i>	
Stubbs, F. P.	450.66	Citizens' Railway Co.	26.00
Thibodeaux, Gilbert	100.00	Waco Gas Co.	6.00
Thorburn & Co., J. M.	8.00	Total	32.00
Tips Hardware Co.	272.33	<i>Apparatus, instruments, and labora- tory material.</i>	
Topham, James S.	30.00	Barnett Bros.	2.25
Turton, J. Edward	11.00	Bausch & Lomb Optical Co.	106.77
Typewriter and Office Supply Com- pany	104.00	Caddo Fertilizer Co.	25.63
Underwood Typewriter Co.	82.25	Carl, Frederick	9.50
Varga, A.	20.30	Douglass Bros.	19.28
Varn, W. L.	100.00	Draper Manufacturing Co.	3.75
Vogel, A.	14.75	Einstein, Ben.	2.00
Waco City Water Works	3.00	Folmer & Schwing Co.	3.11
Waco Machinery and Supply Co.	42.71	Gaertner & Co., Wm.	10.00
Warden, Henry	3.00	Gilman, Z. D.	.35
Wemple, R. Y.	40.25	Green, Henry J.	12.00
White, Fred J.	3.65	Greiner, Emil	31.30
Whittington, J. R.	6.25	Jenks, W. S.	2.88
Winfrey, George H.	519.85	Keuffel & Esser Co.	8.32
Winfrey & Co., J. W.	54.00	Lawson & Co., W. C.	14.00
Wolf & Co., C. M.	16.30	Leese, M. A.	2.88
Total	9,899.87	Mackall Brothers	13.31
<i>Furniture.</i>		Painter Fertilizer Co., E. O.	13.10
Cargill Co.	65.80	Pullman, E. J.	82.37
Hemenway Furniture Co.	15.40	Queen & Co. (Incorporated)	8.50
Hoeke, W. H.	33.52	Roach & Barnes	50.34
Holmes, John	10.00	Rowe & Son, A. C.	12.00
Household Furniture Store	9.50	San Antonio Drug Co.	8.75
Library Bureau	118.00	Sargent & Co., E. H.	104.00
Lincoln, Fred S.	72.75	Schmidt, Fred A.	5.75
Maverick-Clarke Litho. Co.	35.15	Sheetz, W. Silas	148.65
Moses & Sons, W. B.	13.60	Thomas Co., A. H.	12.48
White Furniture Co.	18.00	Usteri-Reinacher, Th.	7.44
Woodward & Lothrop	15.67	Winterhalter, Otto.	11.80
Yawman & Erbe Mfg. Co.	117.03	Total	792.51
Total	524.42	<i>Travel and station and field expenses.</i>	
<i>Fuel.</i>		Allard, H. A.	146.19
Freeman & Sons, J. M.	10.00	Alsop, S. B.	21.70
Hyattsville Grain and Coal Co.	45.00		
Total	55.00		
<i>Freight.</i>			
Littlefield, Alvord & Co.	28.75		
Missouri, Kansas and Texas Ry. Co. of Texas	1.22		
Pennsylvania R. R. Co.	.63		
Total	30.60		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Cotton boll weevil investigations, 1907, \$105,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Apple, W. J.	\$109.75	Lewton, F. L.	\$471.88
Bain, S. M.	485.04	McClelland, C. K.	887.99
Barrow, D. N.	168.90	McKnight, H. L.	64.65
Bennett, R. L.	952.29	McLaughlin, F. M.	55.00
Bentley, W. D.	486.40	McMahan, Clyde.	40.95
Benton, Harmon.	937.73	McWilliams, J. T.	20.70
Berryman, L. J.	416.60	Meads, R. M.	57.50
Boyce, C. W.	460.16	Miles, G. F.	475.65
Boykin, E. B.	949.64	Moore, James J.	56.12
Brand, C. J.	242.32	Nielson, H. T.	92.98
Brodie, D. A.	473.04	Orton, W. A.	259.06
Caldwell, D. R.	303.43	Perrin, L. E.	957.13
Campbell, W. W.	189.85	Plunkett, Tom O.	3.79
Cates, J. S.	423.00	Proctor, W. F.	506.75
Cook, O. F.	287.74	Pruitt, Geo. H.	18.15
Cowdin, E. P.	222.40	Quicksall, J. L.	428.75
Crosby, M. A.	575.71	Reed, Joseph F.	52.60
Duggar, J. F.	10.34	Saunders, D. A.	550.67
Duncan, L. N.	35.25	Shamel, A. D.	189.00
Esterbrook, Henry.	61.70	Shear, C. L.	139.85
Evans, J. A.	590.48	Shoemaker, D. N.	553.92
Featherston, L. H.	425.33	Slattery, J. P.	356.85
Franklin, Chas. L.	10.65	Smith, Ed W.	218.80
Gentry, Elbert.	405.70	Spillman, W. J.	344.66
Gigleux, E. J.	10.90	Stallings, W. C.	5.50
Gilbert, W. W.	131.78	Swaty, A. V.	479.96
Giles, R. E. L.	145.55	Terrell, Thomas E.	10.50
Glasson, E. J.	73.50	Tracy, S. M.	946.79
Hall, G. A.	18.85	Walker, J. B.	3.80
Headley, F. B.	710.55	Warburton, C. W.	792.26
Hilley, F. A.	21.00	Watkins, W. J.	376.85
Hoke, Charles A.	46.59	Webber, H. J.	171.48
Kinnebrew, Irene.	14.90	Wemple, J. E.	551.85
Kinsler, J. Davis.	75.00		
Kinsler, John H.	1,215.84	Total	23,728.03
Knapp, S. A.	1,295.84		

Total amount of appropriation	\$105,000.00
Total expenditures under above groups	\$100,999.26
Advance to H. Pittier, temporary disbursing agent	263.18
	101,262.44
Unexpended balance	3,737.56
Repayment to credit of appropriation	70.00
Net unexpended balance	3,807.56

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton boll weevil investigations, 1907, \$105,000."

## CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
Anderson, J. M.	Experimental farm	\$100.00
Borroughs, W. A.	do	12.50
Brazil, W. L.	Cotton	25.00
Burns, Louis.	do	100.00
Carroll, J. L.	do	16.00
Clark, O. W.	Experimental farm	100.00
Cox, E. T.	do	100.00
Crenshaw, D. M.	Cotton	100.00
Do	do	25.00
De Moss, W. H.	Experimental farm	100.00
Eaton, J. Q.	Cotton	38.75
Edzards, H. U.	do	25.89
Fletcher, J. C.	do	35.00
Do	do	60.00
Fletcher, R. S.	do	20.00



## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Cotton boll weevil investigations, 1907, \$105,000"—Continued.

## CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Foster, C. J., & Co.	Cotton	\$25.00
Greer, A. Y.	do	120.00
Do	do	60.00
Halbert, O. L.	Rent of laboratory	192.00
Haynes, E. M.	Experimental farm	100.00
Heard, J. F.	Cotton	0.
Herron, F. A.	Experimental farm	100.00
Holmes, John	Cotton	25.00
Jefferies, W. L.	do	25.00
Do	do	112.00
Johnson, W. G.	Lettuce	140.00
Keaghey, W. S.	Experimental farm	100.00
Kimbrough, J. D.	Cotton	25.00
Do	do	37.50
Laas, E.	Experimental farm	100.00
McCullough, J. C.	Cotton	15.00
McFadden, W. N.	do	100.00
Do	do	25.00
Munford, William	Experimental farm	100.00
Pipkin, James A., jr.	Cotton	25.00
Plunkett, T. O.	do	20.00
Reynolds, C. L.	do	15.00
Robinson, T. P.	do	25.00
Rogers, E. M.	do	122.50
San Antonio Irrigation Co.	Water supply	25.00
Sistrunk, W. E.	Cotton	25.00
Smith, H. L.	Experimental farm	100.00
Thibodeaux, Gilbert	do	100.00
Varn, W. L.	do	100.00
Von Phul & Gordon	Office rent	360.00
Weichsel, C.	Experimental farm	100.00
Total		3,276.64

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907-8, \$40,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Gigleux, E. J.	Special agent, at \$60 per month	\$160.00	\$161.55
Graham, T. L.	do	172.00	64.95
McWilliams, J. T.	do	152.00	54.75
Moore, James J.	do	172.00	107.07
Swaty, David R.	do	172.00	118.43
Wade, James A.	do	172.00	107.45
Davidson, Robert C.	Special agent, at \$80 per month	229.33	130.80
Orms, G. W.	do	202.67	130.68
Fruitt, George H.	do	229.33	113.90
Sutton, G. R.	Special agent, at \$80 and \$100 per month	210.00	56.40
Terrell, T. E.	Special agent, at \$80 per month	229.33	36.75
Utts, Albert J.	do	202.67	144.87
Allen, C. E.	Special agent, at \$100 per month	266.67	
Huffman, Logan J.	do	286.67	
Plunkett, Tom O.	Special agent, at \$125 per month	358.33	3.79
Total		3,215.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907-8, \$40,000."

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses.</i>		<i>Travel and station and field expenses.</i>	
Davidson, R. C.....	\$130. 80	Pruitt, Geo. H.....	\$95. 75
Gigleux, E. J.....	150. 65	Sutton, G. R.....	56. 40
Graham, T. L.....	64. 95	Swaty, David R.....	118. 43
McKnight, N. L.....	41. 35	Terrell, Thomas E.....	26. 25
McWilliams, J. T.....	34. 05	Utts, Albert J.....	144. 87
Moore, James J.....	50. 95	Wade, James A.....	107. 45
Orms, G. W.....	130. 68	Total.....	1, 152. 58
Total amount of appropriation.....			\$40, 000. 00
Total expenditures under above groups.....			4, 367. 58
Unexpended balance on June 30, 1907, which is available during fiscal year 1908.....			35, 632. 42

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Pomological investigations, fund from sale of fruits and vegetables, \$3,744.74."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture—Continued.</i>	
Andrews Paper Co., R. P.....	\$9. 70	Yawman & Erbe Manufacturing Co.....	\$53. 50
Collins Manufacturing Co., A. M.....	31. 14	Total.....	175. 95
Parker, D. Frank.....	11. 00	<i>Freight.</i>	
Swayze, W. L.....	14. 96	Southern Pacific Co.....	80. 22
United States Envelope Co.....	26. 04	<i>Express.</i>	
Yawman & Erbe Manufacturing Co.....	12. 00	Adams Express Co.....	33. 43
Total.....	104. 84	United States Express Co.....	8. 25
<i>Miscellaneous supplies, etc.</i>		Total.....	41. 68
Barber & Ross.....	3. 60	<i>Telegraph.</i>	
Becker & Co., Chas.....	. 90	Postal Telegraph Cable Co.....	15. 74
Church & Stephenson.....	8. 44	Western Union Telegraph Co.....	44. 23
Collins Manufacturing Co., A. M.....	30. 00	Total.....	59. 97
Doremus Machine Co.....	19. 25	<i>Apparatus, instruments, and laboratory material.</i>	
Elliott & Co., James.....	18. 80	Columbia Photo Supply Co.....	63. 65
Espey, John B.....	1. 58	Draper Manufacturing Co.....	9. 75
Field, J. E.....	2. 50	Frese Optical Co., Adolph.....	68. 10
Fruit Auction Co.....	161. 40	Leeds & Northrup Co.....	110. 00
Glen Saint Mary Nurseries.....	21. 60	Pullman, E. J.....	40. 00
Hiser, Daniel.....	13. 98	Schneider Bros.....	143. 95
James, Charles.....	2. 50	Sheetz, W. Silas.....	85. 22
McClellan, W. B.....	5. 00	Western Electric Co.....	12. 50
Meekins, B. F.....	5. 00	Total.....	533. 17
Memory, J. L.....	3. 00	<i>Travel and station and field expenses.</i>	
Moore Co.....	45. 00	Fletcher, W. F.....	4. 01
Muth & Co., Geo. F.....	49. 33	Gore, H. C.....	3. 68
Risien, E. E.....	2. 00	Gould, H. P.....	25. 96
Rudolph & West Co.....	. 74	Hecke, G. H.....	2. 60
Ruhlman & Co., P.....	19. 25	Powell, G. Harold.....	32. 00
Schmid, Alex.....	20. 00	Stubenrouch, A. V.....	19. 35
Schmid, Edw. S.....	3. 50	Taylor, Wm. A.....	14. 13
Smith, Mc C. J.....	5. 00	Total.....	101. 73
Tarkington, H. H.....	1. 00		
Topham, James S.....	12. 50		
Typewriter and Office Supply Co.....	16. 85		
Washington Market Co.....	20. 40		
Wood, Albert.....	258. 26		
Woodward & Lothrop.....	13. 50		
Young & Co., A. F.....	102. 90		
Total.....	867. 78		
<i>Furniture.</i>			
Lincoln, Fred S.....	108. 88		
Moses & Sons, W. B.....	13. 57		

Total amount available..... \$3, 744. 74  
 Total expenditures under above groups..... 1, 965. 34

Unexpended balance on June 30, 1907, which is available until used..... 1, 779. 40

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Buildings, Department of Agriculture, \$780,934.68."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Gardner, S. F.	Engineer, at \$2,000.	\$2,000.00	\$182.28
Talcott R. B.	Consulting mechanical engineer, at \$700.	700.00	
Sevell, John S.	Supervising engineer, at \$650.	650.00	15.65
McGowne, John.	Foreman, at \$150 per month.	370.00	
Palmer, J. G.	Inspector, at \$2,000.	2,000.00	76.96
Dent, John T.	Inspector, at \$100 per month.	600.00	
Eaton, L. F.	do.	1,200.00	
Saunders, H. W.	do.	1,066.67	
Liang, William.	Inspector, at \$75 per month.	62.50	
Sutherland, W. D.	do.	112.50	
Gilbert, H. L.	Draftsman, at \$1,400.	1,271.66	25.70
Wallach, R. L.	Surveyman, at \$50 and \$60 per month.	499.00	
Dalphin, John C.	Assistant, at \$25 per month.	202.50	
Austin, Waltn T.	Assistant, at \$20 and \$25 per month.	90.50	
Moore, Samuel R.	Assistant, at \$20 per month.	28.00	
Total.		10,853.33	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Buildings, Department of Agriculture, \$780,934.68."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Freight.</i>	
Lincoln, Fred S.	\$0.71	Littlefield, Alvord & Co.	\$0.24
Morrison Paper Co.	16.40	<i>Express.</i>	
Schmidt, Fred A.	76.94	United States Express Co.	1.05
Swayze, W. L.	2.18	<i>Telegraph.</i>	
Yawman & Erbe Manufacturing Co.	1.50	Postal Telegraph Cable Co.	.78
Total.	97.73	Western Union Telegraph Co.	.20
<i>Miscellaneous supplies, etc.</i>		Total.	.98
Bernasco, J.	22.00	<i>Telephone.</i>	
Du Perow, M.	177.40	Chesapeake and Potomac Telephone Co.	6.00
Engineering News Publishing Co.	28.80	<i>Travel and station and field expenses.</i>	
Engineering Record.	27.20	Gardner, S. F.	182.28
Espey, John B.	7.75	Gilbert, H. L.	25.70
Evening Star Newspaper Co.	31.10	Palmer, J. G.	76.96
Frech, Clara M.	18.35	Sewell, John Stephen.	15.65
Jorss, A. F.	25.00	Total.	300.59
Muth & Co., Geo. F.	9.39		
Rankin, Kellogg & Crane.	1,783.05		
Sanborn, Chas. H.	31,340.26		
Stannard, Ambrose B.	480,457.08		
Washington Herald Co.	32.50		
Washington Post Co.	39.00		
Washington Times Co.	19.95		
Watson-Flagg Engineering Co.	10,315.86		
Total.	524,334.69		

Total amount of available appropriation.....\$780,934.68  
 Total expenditures under above groups.....535,594.61

Unexpended balance on June 30, 1907, available until used.....245,340.07



## BUREAU OF PLANT INDUSTRY--Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Buildings, Department of Agriculture, 1907, \$780,934.68."

## CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
Beall, R. J., Construction Co .....	Sewer .....	\$6,898.26
Catlin, Elmer H. Co .....	Lighting fixtures .....	9,480.00
Faith, S. & Co .....	Power plant equipment .....	60,032.96
Otis Elevator Co .....	Electric elevators .....	25,275.00
Rankin, Kellogg & Crane .....	Architectural work .....	55,227.00
Sanborn, Charles H. .....	Heating and ventilation .....	74,438.01
Stannard, A. B. .....	Construction of laboratories .....	1,178,957.49
Do .....	Power house .....	24,796.00
Walker, John T. .....	Erection of office building .....	1,377.85
Watson-Flagg Engineering Co .....	Electric wiring and conduit systems .....	20,257.00
Total .....		1,456,739.57

## RECAPITULATION.

Statutory salaries .....	\$160,987.05
Lump-fund salaries in Washington .....	275,371.42
Lump-fund salaries outside of Washington .....	153,797.88
Stationery .....	8,646.89
Miscellaneous supplies and services, equipment, books, machinery, etc .....	721,427.48
Furniture .....	7,253.45
Fuel .....	3,929.09
Freight .....	3,761.77
Express .....	4,148.32
Telegraph .....	852.12
Telephone .....	474.64
Rent .....	16,230.27
Gas and electricity .....	3,168.67
Apparatus, instruments, and laboratory material .....	18,173.32
Printing and binding .....	
Travel and station and field expenses .....	124,254.75
Total .....	1,502,477.12
Amount advanced to P. K. Dorsett, temporary disbursing agent, out of fund for erection of building at Chico, the remaining \$3,000 having been transferred to "Foreign seeds" .....	\$2,000.00
Advance to temporary disbursing agents .....	20,334.94
	22,334.94
Total expenditures for entire Bureau of Plant Industry .....	1,524,812.06
Total of all appropriations .....	1,849,419.42
Total expenditures as above .....	1,524,812.06
Unexpended balance .....	324,607.36
Balance under "Buildings, Department of Agriculture," \$245,340.07, and "Pomological investigations, fund from sale of fruits and vegetables," \$1,779.40, available until used .....	247,119.47
Balance under appropriation "Cotton boll weevil investigations, 1907-8," available in fiscal year 1908 .....	35,632.42
	282,751.89
Balance .....	41,855.47
Repayments to credit of appropriations .....	205.39
Net unexpended balance on September 30, 1907 .....	42,060.86
Outstanding liabilities (estimated) .....	27,565.41
Balance to be turned back in Treasury (estimated) .....	14,495.45

## PROJECTS.

The principal projects conducted by the Bureau of Plant Industry during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

## I. ADMINISTRATION.

## (A) Office of Chief of Bureau.

Outline of work: General administration of Bureau affairs; the carrying out of all fiscal operations, such as appointments and changes of grade, auditing and accounting; the editing and proof reading of all publications of the Bureau; and other executive and administrative details.

## Allotment of funds:

Statutory salaries.....	\$30,000.00
Lump funds.....	8,500.00

Total.....	38,500.00
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## Expended as follows:

## Salaries (statutory roll):

Albee, R. S., clerk.....	\$264.45
Allen, Jessie M., clerk.....	983.34
Andrews, B. M., clerk.....	133.00
Barbiery, Marie, clerk (half year).....	377.50
Borochoff, J. M., messenger.....	600.00
Bragdon, Clara K., clerk.....	696.34
Brodie, C. E., messenger.....	54.67
Callander, W. F., clerk.....	1,400.00
Cartan, M. S., clerk.....	400.00
Collier, William, clerk.....	1,200.00
Cox, W. P., clerk.....	1,166.67
Edmonston, Mrs. B., clerk.....	832.01
Estabrook, L. M., clerk.....	1,800.00
Fowle, C., clerk.....	150.00
Galloway, B. T., chief of bureau.....	4,500.00
Gochenour, W. P., clerk.....	1,600.00
Graham, J. P., clerk.....	1,133.33
Haas, Alvina, clerk.....	133.33
Jones, J. E., chief clerk.....	2,000.00
Jones, O. F., clerk (half year).....	900.00
Lee, Frank, skilled laborer.....	594.50
Marcy, W. L., clerk (half year).....	700.00
Muhleman, Bessie, clerk (half year).....	300.00
Phelps, Nora H., clerk (half year).....	500.00
Rockwell, J. E., editor.....	2,000.00
Saunders, Belle, clerk.....	1,600.00
Taylor, W. E., clerk.....	1,400.00
Wight, J. C., clerk (half year).....	800.00
Williams, Mrs. A., clerk.....	1,200.00
Zell, Carrie, clerk.....	720.00

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 30,139.14

## Salaries (lump fund roll):

Andrews, B. M., clerk.....	149.33
Brooks, J. S., laborer.....	14.00
Brown, Martha, charwoman.....	372.00
Cramor, Mabel, clerk.....	285.00
Cox, W. P., clerk.....	233.33
Daniel, Evelyn W., messenger.....	5.00
De Loach, Mrs. G. B., scientific assistant.....	170.00
Fitzhugh, W. H., laborer.....	388.50
Gibson, W. A., clerk.....	27.78
Hinton, Agnes, clerk.....	81.33
Laird, W. C., clerk.....	38.67
Manning, H. F., clerk.....	65.33
Neilson, C. W. C., cabinet maker.....	154.00

*(A) Office of Chief of Bureau—Continued.*

## Salaries (lump fund roll)—Continued.

Sheehan, F. J., messenger boy.....	\$224. 00
Scribner, F. Lamson, special agent.....	2, 500. 00
Youngblood, F. E., clerk.....	23. 33
	\$4, 731. 60

Total salaries.....	34, 870. 74
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(NOTE.—Employees charged for one-half year are detailed for remainder of year to work of Congressional seed distribution.)

Field work: Inspection of experimental plantings and laboratories in the field, and necessary travel.....	1, 209. 93
Miscellaneous: Stationery, supplies, and office fixtures.....	951. 86

Total expenditures.....	37, 032. 53
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Authority (Digest of Appropriations, p. 418): Salaries paid on statutory roll. (Digest of Appropriations, pp. 429-430): Miscellaneous investigations, and "for the employment of investigators, \* \* \* clerks, \* \* \* assistants, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses" and miscellaneous expenses and supplies; "and for all other necessary expenses."

*(B) Office of Assistant Chief of Bureau.*

Outline of work: The administrative supervision of the pathological and physiological work of the Bureau; assisting the chief of Bureau in the general management of Bureau affairs; keeping of project records, cooperative agreements, contracts, etc.; issuance of authorizations, drawing of requisitions, etc.; handling of all supplies and property of the Bureau: translating, abstracting, and indexing of pathological and physiological literature, and the maintenance of a branch library of same; and rental and care of all buildings leased for the use of the Bureau.

## Allotment of funds:

Statutory salaries.....	\$18, 400. 00
Lump funds.....	18, 996. 24

Total.....	37, 396. 24
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## Expended as follows:

## Salaries (statutory roll):

Bradley, F. H., clerk.....	\$1, 400. 00
Bechtold, J. M., messenger.....	264. 00
Carroll, L. W., messenger.....	225. 00
Collins, J. B., messenger.....	477. 33
Curtin, Grace M., clerk.....	647. 66
Ecton, T. G., gardener.....	840. 00
Escavaille, C. L., clerk.....	490. 00
Fealy, Nellie E., clerk.....	1, 800. 00
Harrison, Carrie, clerk.....	233. 33
Hodges, A. J., watchman.....	420. 00
Humphrey, W. F., carpenter.....	70. 00
Jones, J. A., clerk.....	160. 00
Kelly, M. C., watchman.....	720. 00
Lane, Katharine, clerk.....	1, 200. 00
Long, W. W., clerk.....	1, 600. 00
Mason, C. S., clerk.....	707. 50
Moise, F. S., clerk.....	1, 008. 33
Oberly, Eunice R., clerk.....	1, 140. 00
Page, J. E., messenger.....	600. 00
Parker, Sallie M., clerk.....	1, 200. 00
Smith, Lydia J., clerk.....	1, 200. 00
Smith, W. A., carpenter.....	763. 00
Sweet, M. L., clerk.....	225. 00

	17, 291. 15
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*(B) Office of Assistant Chief of Bureau—Continued.*

Salaries (lump fund roll):	
Adams, Lola M., laborer.....	\$600.00
Augusterfer, R., electrician.....	203.00
Bean, S., carpenter.....	42.00
Childers, L. F., collaborator.....	57.33
Clark, H. M., laborer.....	420.00
Escavaille, C. L., clerk.....	300.00
Fearing, Martin, clerk.....	336.00
Fischer, Walter, scientific assistant.....	1, 200.00
Garner, Sarah L., charwoman.....	480.00
Green, L. H., clerk.....	356.00
Harrison, Carrie, scientific assistant.....	1, 166.67
Heron, L. M., electrician.....	136.50
Holton, N. G., assistant curator.....	958.66
Howell, H. H., clerk.....	138.00
Jensen, C. A., agriculturist.....	400.00
Meloy, F. E., clerk.....	1, 015.01
Merwin, J. O., scientific assistant.....	366.67
Roberts, H., clerk.....	670.00
Sands, J. K., plumber.....	168.00
Sweet, M. L., clerk.....	525.00
Wood, H. S., painter.....	238.00
Woods, A. F., assistant chief of bureau.....	3, 000.00
	\$12, 776.84
Total salaries.....	30, 067.99
Field work: Inspection of experimental plantings and laboratories in the field, and necessary travel.....	363.90
Miscellaneous: Stationery, apparatus, laboratory supplies, office fixtures, gas and electric current, etc.....	5, 463.95
	35, 895.84

Authority (Digest of Appropriations, p. 418): Salaries paid on statutory roll. (Digest of Appropriations, pp. 429-430): Miscellaneous investigations, and "for the employment of investigators, \* \* \* clerks, \* \* \* assistants, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses" and miscellaneous expenses and supplies, "and for all other necessary expenses."

## II. PATHOLOGICAL INVESTIGATIONS.

*(A) Laboratory of Plant Pathology.*

Outline of work:	Allotment.
(1) Laboratory studies of all sorts of plant diseases. This work is largely technical, including diseases of sugar cane, cotton, corn, olives, potatoes, tomatoes, tobacco, cucumbers, squash, pumpkins, muskmelons, cabbage, etc.....	\$14, 699.00
(2) Pathological collections, including the Mycological Herbarium and the identification and inspection of material received. In connection with the pathological work a collection of all the fungi connected with plant diseases is necessary, and this collection now contains approximately 50,000 specimens.....	4, 361.00
(3) Investigation of rice diseases in South Carolina. Work already done indicates that the disease of rice known as "blast" is caused by a fungus and that plants growing in very acid soils are most subject to attack.....	1, 455.00
(4) Investigations of truck crop diseases, including methods of spraying cucurbits to control downy mildew, the production of disease resistant cowpeas and watermelons, a study of the disease resistance of potatoes, and a general survey of the plant diseases prevalent in the United States.....	2, 961.93
Statutory salaries.....	2, 940.00
	26, 986.93

Total allotment..... 26, 986.93

(A) *Laboratory of Plant Pathology*—Continued.

Expended as follows:

Salaries (statutory roll):		
Allen, C. W., clerk.....	\$250.00	
Ammen, Mathilde, clerk.....	521.66	
Brewer, J. F., artist.....	1,200.00	
Dyre, Mildred P., clerk.....	225.00	
		\$2,196.66
Salaries (lump fund roll):		
Ames, Adeline, laboratory aid.....	960.00	
Beattie, R. K., collaborator.....	11.00	
Bolley, H., collaborator.....	12.00	
Charles, Vera K., scientific assistant.....	1,080.00	
Cobb, N. A., special agent.....	2,116.67	
Davis, G. H., clerk.....	170.00	
Dyre, Mildred, clerk.....	350.00	
Gates, E. P., clerk.....	210.00	
Gilbert, W. W., scientific assistant.....	600.00	
Harper, J. N., collaborator.....	180.00	
Heald, F. D., collaborator.....	12.00	
Hedges, Florence, scientific assistant.....	1,183.33	
Jones, L. R., collaborator.....	300.00	
Johnson, Thomas, laborer.....	520.00	
Johnston, J. R., scientific assistant.....	1,200.00	
Kern, F. D., collaborator.....	3.00	
Metcalf, Haven, pathologist.....	1,800.00	
McCulloch, Lucia, scientific assistant.....	184.00	
Norton, J. B., assistant physiologist.....	7.00	
Orton, W. A., pathologist.....	416.67	
Paddock, W., collaborator.....	12.00	
Pammel, L. H., collaborator.....	12.00	
Patterson, Flora W., mycologist.....	1,600.00	
Pomeroy, C. S., special agent.....	200.00	
Quirk, Agnes, laboratory aid.....	1,091.67	
Rowen, G. D., gardener.....	75.00	
Selby, A. D., collaborator.....	12.00	
Sheldon J. L., collaborator.....	12.00	
Smith, Erwin F., pathologist in charge.....	2,875.00	
Stevens, F. L., collaborator.....	12.00	
Stone, G. E., collaborator.....	12.00	
Stuart, William, collaborator.....	60.00	
Swingle, D. B., scientific assistant.....	196.67	
Tiller, R. G., laboratory aid.....	148.33	
Whetzel, H. H., collaborator.....	12.00	
Wilcox, E. M., collaborator.....	12.00	
		17,658.34
Total salaries.....		19,855.00
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel.....		1,924.66
Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc.....		4,284.33
Total expenditures.....		26,063.99

Authority (Digest of Appropriations, p. 418): Statutory salaries. (Digest of Appropriations, pp. 429-430): \* \* \* "to study plant and orchard diseases, and demonstrate the treatment of same; \* \* \* to investigate the causes of decay in forest timber and timber used for construction purposes, and to devise means for preventing the decay of same; \* \* \* for actual and necessary traveling expenses, \* \* \*" and other miscellaneous expenses.

*(B) Diseases of fruits.*

Outline of work:	Allotment.
(1) Pear blight eradication and demonstration work.....	\$5,780.00
(2) "Little peach" eradication work.....	1,367.00
(3) Spraying demonstration work in the control of apple bitter rot..	4,783.00
(4) Investigations of diseases of cranberries, grapes, and other small fruits.....	5,520.00
(5) Investigations of miscellaneous diseases of orchard fruits, includ- ing the identification of diseases, a study of the brown rot of the peach and plum, and of the winter injury to fruit trees, and giving information as to the preparation and use of fungi- cides.....	1,724.33
Salaries paid from statutory roll.....	1,200.00
<b>Total allotment.....</b>	<b>20,374.33</b>
Expended as follows:	
Salaries (statutory roll):	
Shaw, Harry B., scientific assistant.....	986.67
Salaries (lump-fund roll):	
Ayes, T. W., special agent.....	\$233.34
Ballard, W. S., scientific assistant.....	805.66
Faurot, F. W., special agent.....	150.00
Hall, W. J., laborer.....	22.50
Hawkins, L. A., scientific assistant.....	270.00
Keyser, Val., special agent.....	128.00
Miles, George F., scientific assistant.....	700.00
O'Gara, P. J., scientific assistant.....	980.00
Patten, J. C., artist.....	100.00
Rorer, J. B., scientific assistant.....	900.00
Scott, W. M., pathologist.....	166.66
Shaw, H. B., scientific assistant.....	126.66
Shear, C. L., scientific assistant.....	2,250.00
Steni, L. B., clerk.....	217.50
Thompson, M., scientific assistant.....	464.00
Waite, M. B., pathologist in charge.....	2,500.00
Wood, Mrs. A. K., scientific assistant.....	708.34
<b>Total salaries.....</b>	<b>10,722.56</b>
<b>Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel.....</b>	<b>6,904.58</b>
<b>Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc.....</b>	<b>1,206.57</b>
<b>Total expenditures.....</b>	<b>19,820.38</b>

Authority (Digest of Appropriations, pp. 429-430): \* \* \* "to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* for the employment of investigators, local and special agents, \* \* \* clerks, illustrators, assistants, student or scientific aids, \* \* \* and all other labor and assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses; \* \* \*" miscellaneous expenses, and "for all other necessary expenses \* \* \*."

## III. PHYSIOLOGICAL INVESTIGATIONS.

*(A) Plant breeding.*

Outline of work:	Allotment.
(1) Breeding hardy frost proof oranges which may be grown in more northern regions than the present orange belt and be able to re- sist severe freezes.....	\$1,812.54
(2) Breeding new types of citrus fruits to obtain hybrids combining the loose skin of the tangerine with the quality and form of the ordinary orange, and to secure improved varieties of tangerines, oranges, pomeloes, lemons, etc.....	1,074.35
(3) Breeding new types of pineapples of improved quality, form, disease resistance, etc.....	1,100.75



(A) *Plant breeding*—Continued.

Outline of work—Continued.	Allotment.
(4) Breeding alkali and drought-resistant field crops, to secure varieties more resistant to alkalis and drought.....	\$8, 565. 62
(5) Tobacco breeding, including the improvement of native varieties by seed selection and the production of new strains by hybridization, the adaptation of imported varieties to special soil and climatic conditions, study of the curing and fermentation of tobacco, and a study of the diseases affecting the crop.....	16, 914. 13
(6) Corn breeding, the production of improved strains for the different geographic sections of the United States.....	4, 320. 00
(7) Breeding of sweet corn, including its improvement for canning purposes and the improvement and acclimatization of two strains for Florida, South Carolina, Maryland, and Connecticut.	1, 382. 63
(8) Breeding and improvement of oats and wheat, to secure an increased average net yield and improved quality; to determine the best methods of breeding, and to obtain better varieties for distribution to farmers.....	3, 848. 02
(9) Miscellaneous breeding work, including the improvement of potatoes by selection, and the production of high-yielding and high starch-producing new varieties from seed; the production by hybridization and selection of a saccharine broom corn to combine the properties of sorghum and broom corn; the testing of alkali resistance of nitrogen-fixing bacteria, to ascertain whether the bacteria are less resistant than their host plants, and if so whether the resistance of the former can be increased by breeding; and the improvement of wild plants, to secure desirable strains of several of our wild species and to obtain new vegetables for general use, particularly a substitute for potatoes.....	1, 841. 96
Statutory salaries.....	2, 680. 00
Total allotment.....	<u>43, 540. 00</u>

## Expended as follows:

## Salaries (statutory roll):

Braden, F. C., clerk.....	\$58. 33
Davenport, L. H., clerk.....	1, 000. 00
Gorman, J. J., clerk.....	4. 67
Miller, Mrs. D. C., clerk.....	855. 00
Reinford, A. S., clerk.....	492. 33
	<u>2, 410. 33</u>

## Salaries (lump-fund roll):

Barbour, A. H., clerk.....	55. 00
Bean, S., carpenter.....	357. 00
Bias, T. J., laborer.....	474. 67
Brewer, V. C., tobacco expert.....	750. 00
Bond, W. H., laborer.....	135. 00
Brown, D. P., special agent.....	600. 00
Brown, E. B., scientific assistant.....	1, 076. 67
Burnett, L. C., special agent.....	550. 00
Chapman, A. H., laborer.....	50. 00
Churchill, V. L., special agent.....	50. 00
Cobey, W. W., special agent.....	1, 800. 00
Cushman, A. S., collaborator.....	300. 00
Davis, C. W., special agent.....	480. 00
Ewing, F. C., laborer.....	225. 00
Garner, W. W., scientific assistant.....	1, 200. 00
Gray, Paul, laborer.....	258. 00
Hammerly, J. M., skilled laborer.....	262. 00
Harter, L. L., assistant physiologist.....	1, 200. 00
Hartley, C. P., physiologist.....	1, 700. 00
Hopkins, F., watchman.....	140. 00
Jones, J. W., laborer.....	50. 00
Kearney, T. H., physiologist.....	2, 125. 00

*(A) Plant breeding—Continued.*

## Salaries (lump-fund roll)—Continued.

Lyon, T. L., collaborator.....	\$2. 00
McChesney, O. S., watchman.....	72. 00
Montgomery, F. G., collaborator.....	10. 00
Norton, J. B., assistant physiologist.....	1, 600. 00
Oliver, G. W., expert.....	450. 00
Pingley, W. A., watchman.....	196. 00
Prescott, C. W., collaborator.....	8. 50
Richardson, C. L., carpenter.....	63. 00
Rogers, Shober, special agent.....	68. 75
Rountree, W. A., laborer.....	325. 00
Rowen, J. D. jr., gardener.....	115. 00
Sarvis, J. T., laborer.....	135. 00
Shamel, A. D., physiologist.....	1, 666. 66
Shantz, H. L., special agent.....	50. 00
Scherffius, W. H., tobacco expert.....	1, 894. 45
Stewart, J. B., tobacco expert.....	950. 00
Straughan, M. N., special agent.....	450. 00
Summers, J. C., laborer.....	50. 00
Swesey, A. C., laborer.....	37. 96
Ullrich, Fritz, laborer.....	50. 00
Webber, H. J., physiologist in charge.....	1, 145. 00
Wood, H. S., painter.....	35. 00
Wood, J. A., laborer.....	35. 00
Wolf, Frank, special agent.....	720. 00
Zumwalt, Frank, laborer.....	362. 08
	<hr/>
Total salaries.....	\$24, 330. 57
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel.....	13, 268. 76
Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc.....	3, 307. 02
	<hr/>
Total expenditures.....	43, 316. 68

Authority (Digest of Appropriations, pp. 429-430): \* \* \* "to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to investigate the practical application in agriculture of the fixation of atmospheric nitrogen by bacteria and other microorganisms in soils and the root tubercles of leguminous and other plants; \* \* \* to propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses" \* \* \* miscellaneous expenses and "for all other necessary expenses \* \* \*."

*(B) Plant life history investigations.*

	Allotment.
Outline of work:	
(1) Establishment of date culture and study of the life history of the date palm: To bring about the establishment of date culture on a commercial scale in the United States; particularly to investigate the life history of the date palm in reference to the different varieties and methods of culture best adapted to American conditions.....	\$2, 000. 00
(2) Investigation of crops suited to arid and semiarid regions: To ascertain the drought resistance of the principal crop plants adapted to dry-land culture.....	1, 000. 00
(3) Caprification of the fig and study of the life history of figs and caprifigs: To continue the investigation of the process of caprification and to study in detail the life history of figs used for drying, and the caprifigs in which the fig insect is produced.....	1, 106. 00

(B) *Plant life history investigations*—Continued.

Outline of work—Continued.	Allotment.
(4) Clover and alfalfa investigations—seed production and change of seed: To investigate the life history of clover and alfalfa, with special reference to climatic, soil, and cultural condition, requirements of the various varieties, and at the same time to determine whether change of seed is beneficial; and if so, whether it can be carried out to advantage in practice.....	\$4,000.00
(5) Establishment of pistache culture, and study of the life history of the pistache and its wild relatives.....	500.00
(6) Arboricultural investigations, with special reference to the utilization of tree crops in dry-land regions, and to investigate the life history of fruit, nut, and forage trees likely to succeed in the drier parts of the Southwest.....	3,000.00
(7) Miscellaneous life history investigations, including a study of truffle culture and a study of the life history of the truffle fungus and truffle oaks: To bring about the establishment of truffle culture on a commercial basis in the United States; an investigation of the application of electricity to plant culture, to determine by field tests whether electricity can be applied with advantage in truck farming; an investigation of the stimulation treatment of crops, to discover the causes of increased yields of plants sprayed with Bordeaux mixture and of cereals treated to prevent smut; and a study of the life history of citrus fruits, with special reference to hardy and extra-early sorts, and the growing of hardy stocks on which to graft them.....	1,700.00
Statutory salaries.....	1,200.00
Total allotment.....	<u>14,506.00</u>
Expended as follows:	
Salaries (statutory roll):	
Ferrall, J. A., clerk.....	1,000.00
Salaries (lump-fund roll):	
Brand, C. J., assistant physiologist.....	\$1,650.00
Dameron, Allen D., laborer.....	420.00
Drummond, B., special agent.....	180.00
Eckerson, T. F., assistant.....	132.50
Ferrall, J. A., clerk.....	96.67
Greenbaum, L., clerk.....	36.67
Hudson, E. W., special agent.....	120.00
Keese, S. L., assistant.....	487.50
Lutman, B. F., special agent.....	22.00
Mason, S. C., arboriculturist.....	1,170.84
McQuinn, H. L., clerk.....	375.00
Mead, D. V., out of service.....	83.33
Savage, F. M., special agent.....	106.50
Smith, Leroy M., laboratory aid.....	220.00
Smith, W. A., carpenter.....	101.50
Swingle, W. T., physiologist in charge.....	2,750.00
	<u>7,952.51</u>
Total salaries.....	8,952.51
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel.....	2,448.50
Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc.....	2,905.00
Total expenditures.....	<u>14,306.01</u>

Authority (Digest of Appropriations, pp. 429-430): \* \* \* "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; \* \* \* to study plant physiology in relation to crop production; to originate and



improve crops by breeding and selection; \* \* \* to carry on special investigations of the conditions of grain production \* \* \* and the means of improving the same; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses; \* \* \* miscellaneous expenses, "and for all other necessary expenses \* \* \*."

(C) *Soil bacteriology and water purification.*

Outline of work:	Allotment.
(1) Experiments with nitrogen-fixing bacteria. The work consists of the distribution of pure liquid cultures of nitrogen-fixing bacteria for inoculating leguminous plants, and the study of the conditions under which the nodule-forming bacteria are unable to form nodules, and the breeding of soil bacteria of more virile types.....	\$9,336.00
(2) Water purification investigations. This includes demonstration work on the copper treatment to eradicate algæ from water supplies; a study of the effect of copper in the purification of oyster beds; the effect of copper upon fish and fish eggs, in cooperation with the Fish Commission; the use of copper in disinfecting water supplies; the copper treatment of sewage in connection with the problem of sewage disposal.....	4,500.00
Statutory salaries.....	2,100.00
Total allotment.....	15,936.00

## Expended as follows:

Salaries (statutory roll):	
Maxwell, G. R., laborer.....	\$900.00
Woolverton, Pearl, clerk.....	1,166.66
	2,066.66
Salaries (lump-fund roll):	
Beckwith, T. D., scientific assistant.....	1,200.00
Fawcett, Edna H., scientific assistant.....	960.00
Goll, F. L., special agent.....	1,100.00
Hibbard, R. P., scientific assistant.....	825.00
Hoover, C. P., special agent.....	500.00
Jones, J. W., laborer.....	390.00
Kellerman, K. F., physiologist.....	1,800.00
Kellerman, W. A., collaborator.....	75.00
Kimberly, A. E., collaborator.....	77.00
Leonard, L. T., laboratory aid.....	840.00
Meadows, J. O., special agent.....	600.00
Robinson, T. R., assistant physiologist.....	1,400.00
Rowen, J. D., jr., gardener.....	75.00
	9,842.00
Total salaries.....	11,908.66
Fieldwork: Cooperation with experiment stations, municipalities, and others, inspection and experiments with contaminated water supplies, and necessary travel.....	2,502.67
Miscellaneous: Field and laboratory supplies, stationery and office fixtures, apparatus, etc.....	1,327.63
Total expenditures.....	15,738.96

Authority (Digest of Appropriations, p. 430): \* \* \* "To study plant physiology in relation to crop production; \* \* \* to investigate the practical application in agriculture of the fixation of atmospheric nitrogen by bacteria and other micro-organisms in soils and in the root tubercles of leguminous and other plants; to study and find methods for preventing algal and other contaminations of water supplies; \* \* \* for the employment of investigators, local and special agents. \* \* \* clerks, \* \* \*

assistants, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses;" \* \* \* miscellaneous expenses \* \* \* "and for all other necessary expenses \* \* \* ."

(D) *Bionomic investigations of tropical and subtropical plants.*

Outline of work:	Allotment.
(1) Weevil-resistant cotton investigations, to secure varieties resistant to the boll weevil. (See also under appropriation for "Cotton boll weevil investigations.").....	\$566.00
(2) South Texas acclimatization investigations: To ascertain the tropical and subtropical capabilities of south Texas and to acclimatize tropical varieties of corn, cotton, beans, etc.....	1,333.00
(3) Coffee investigations: To determine methods of culture best adapted to our tropical islands.....	950.00
(4) Rubber investigations: To ascertain the conditions, cultural methods, and agricultural possibilities of rubber culture and how to improve the quality of the product.....	1,450.25
(5) Tropical corn investigations: To secure varieties adapted to our tropical territory and to the subtropical Gulf regions and the arid West, where corn is not grown or is a precarious crop.....	1,032.50
(6) Cacao investigations: To determine the botanical sources of commercial cacao and the adaptability of its culture to drier and more healthful regions, as in Porto Rico, Hawaii, and the Philippines.....	992.00
(7) Banana investigations: To determine the essential factors for the commercial production of bananas and the most desirable species for cultivation in our own territory, including the United States proper.....	992.00
(8) Bionomic studies of agricultural plants indigenous in tropical America: To ascertain the varietal specializations which exist in cultivated tropical plants, such as beans, potatoes, etc.....	784.00
Total allotment.....	8,099.00

Expended as follows:

Salaries (lump-fund roll):	
Collins, G. N., assistant botanist.....	\$1,350.00
Cook, O. F., bionomist in charge.....	2,177.08
Lewton, F. L., scientific assistant.....	1,066.66
Razall, J. J., expert.....	440.00
	5,033.74
Field work: Cooperation with experiment stations and private growers, inspection of experimental plantings, necessary travel, etc.....	2,126.92
Miscellaneous: Field and laboratory supplies, stationery and office fixtures, apparatus, etc.....	746.49
Total expenditures.....	7,907.15

Authority (Digest of Appropriations, p. 429-430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant and orchard diseases; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \* ."

*(E) Drug and poisonous plant and tea culture investigations.*

## Outline of work:

Drug plants:	Allotment.
(1) Morphine production from poppy capsules, to ascertain the practicability of obtaining morphine from the dried capsule walls.....	\$2, 503. 35
(2) Camphor cultivation and utilization, to ascertain the practicability of growing camphor commercially in this country.....	2, 590. 67
(3) Lemon curing investigations, to ascertain the cause of the poor keeping qualities of American lemons and to remove it.....	1, 660. 00
(4) American hop investigations, to ascertain to what extent the good and bad qualities of American hops are due to methods of growing, curing, etc.....	3, 025. 00
(5) Drug plant tests at Washington, to ascertain the best methods of handling foreign and domestic drug plants.....	2, 467. 00
(6) Burlington, Vt., Drug Testing Garden.....	1, 402. 66
(7) Pierce, Tex., Drug Testing Garden.....	46. 66
(8) Ebenezer, S. C., Drug Testing Garden.....	1, 654. 66
<b>Poisonous plants:</b>	
(1) Investigation of the Loco weed disease, in field and laboratory. Feeding experiments on range and in corrals.....	7, 365. 00
(2) Mistletoe investigations, to ascertain the physiological properties of mistletoe with reference to its poisonous action and possible value as a remedy in stock poisoning..	1, 039. 00
(3) Investigation of the poisonous action of death camas, and the best methods of overcoming it.....	1, 039. 00
(4) Investigation of the poisonous action of mountain laurel, and means of overcoming it.....	1, 039. 00
<b>Tea culture:</b>	
(1) Investigation of the aromatic constituents of tea, to determine their sources by chemical laboratory studies.....	850. 00
(2) Summerville, S. C., tea gardens.....	1, 490. 00
(3) Rantoules tea project, at Tea, S. C., to demonstrate the possibility of growing tea commercially on the rice lands of South Carolina.....	1, 786. 00
(4) Pierce, Tex., tea gardens.....	3, 119. 00
Statutory salaries.....	4, 410. 83
<b>Total allotment.....</b>	<b>37, 487. 83</b>

## Expended as follows:

## Salaries (statutory roll):

Benner, H. A., clerk.....	\$1, 400. 00	
Henkel, Alice, clerk.....	1, 600. 00	
Hicks, Elva E., clerk.....	1, 200. 00	
Kelly, J. W., skilled laborer.....	210. 83	
		4, 410. 83

## Salaries (lump-fund roll):

Bryant, Ernest, unskilled laborer.....	420. 00
Clark, F. W., special agent.....	1, 000. 00
Clark, W. R., unskilled laborer.....	15. 00
Clawson, A. B., expert in poisonous plant investigations.....	115. 00
Crawford, A. C., pharmacologist.....	1, 800. 00
Dixon, W. D., teamster.....	200. 00
Ellis, Frank, unskilled laborer.....	40. 00
Gadsden, E. H., collaborator.....	116. 67
Hardenstein, F. P., skilled laborer.....	191. 67
Hood, S. C., scientific assistant.....	860. 00
Kelly, J. W., skilled laborer.....	408. 33
Klugh, G. F., scientific assistant.....	1, 100. 00
Kremers, Edward, expert (3 months).....	609. 00
Marcey, Calvin, laborer.....	200. 00
Marsh, C. D., expert.....	1, 800. 00



*(E) Drug and poisonous plant and tea culture investigations—Continued.*

## Salaries (lump-fund roll)—Continued.

Marsh, H., special field agent in poisonous plant investigations.....	\$94. 00
Mitchell, G. F., scientific assistant.....	1, 083. 33
Pershing, Henry, laborer.....	475. 00
Rabak, Frank, expert.....	930. 00
Richtmann, W. O., expert.....	1, 125. 00
Snellings, C. B., laboratory assistant.....	750. 00
Stockberger, W. W., expert.....	1, 600. 00
Sturtevant, L. B., expert.....	100. 00
True, R. H., physiologist in charge.....	2, 750. 00
Turner, M. L., laboratory helper.....	406. 00
Young, T. B., scientific assistant.....	1, 083. 33
	\$19, 272. 33
Total salaries.....	23, 683. 16
Field work: Cooperation with experiment stations and private growers, inspection of experimental plantings, necessary travel, etc.....	7, 024. 99
Miscellaneous: Field and laboratory supplies, apparatus, machinery, etc..	6, 625. 20
	37, 333. 35

Authority (Digest of Appropriations, p. 429-430): "To investigate \* \* \* drug, medicinal, poisonous, \* \* \* and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; \* \* \* to study plant physiology in relation to crop production; \* \* \* to investigate and report on the cost of making tea and the best methods of cultivating and preparing the same for market; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student or scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and else where. \* \* \* For actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses" \* \* \*.

*(F) Physical laboratory.*

Outline of work:	Allotment.
(1) Physical investigation. In connection with the laboratory work conducted by the various branches of the Bureau it has been found necessary to have accurate physical measurements of various conditions determined, for which purpose the physical laboratory was established.....	\$8, 000. 00
(2) Cooperation with plant breeding investigations. In the work of breeding alkali and drought resistant plants the physical laboratory is developing apparatus and assisting in making exact measurements of the alkali and water existing in various soils, in order to determine the relation of concentration of alkali salts to plant growth and the exact limits of drought resistance..	2, 000. 00
(3) Electrical investigations. At the Arlington farm on the study of electrical currents in relation to their effect upon the growth of plants.....	500. 00
(4) Investigations of moisture content of grains. Developing apparatus for the more rapid determination of the moisture content of grain in cars for use of grain inspectors.....	500. 00
(5) Cooperation with dry land agriculture investigations, for the purpose of developing apparatus for use in experiments in dry land agriculture.....	1, 580. 00
Statutory salaries.....	327. 00
	12, 907. 00

*(F) Physical laboratory—Continued.*

Expended as follows:

Salaries (statutory roll):		
Winkler, J. H., messenger boy.....		\$327.00
Salaries (lump fund roll):		
Belz, J. O., assistant.....	\$1,441.67	
Briggs, L. J., physicist in charge.....	2,500.00	
McLane, J. W., assistant.....	1,000.00	
Neilson, C. W. C., cabinet maker.....	129.50	
Pearce, Julia, laboratory assistant.....	1,186.67	
Seifriz, Wm., laboratory apprentice.....	21.00	
Wheeler, B. C., mechanic.....	916.67	
		<hr/> 7,195.51
Total salaries.....		7,522.51
Field work: Cooperative work in the field, inspection of experimental plantings, testing of apparatus, and necessary travel.....		1,369.05
Miscellaneous: Laboratory and office supplies, fixtures and apparatus, machinery, etc.....		3,537.93
		<hr/> 12,429.49

Authority (Digest of Appropriations, pp. 429-430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; \* \* \* to study plant physiology in relation to crop production; \* \* \* to investigate and encourage the adoption of improved methods of farm management and farm practice; \* \* \* to carry on special investigations of the conditions of grain production, handling, grading, and transit; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, \* \* \* mechanics, and all other labor and scientific assistance required for conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses; for telegraph and telephone service; for gas and electric current; \* \* \* for the purchase of chemicals, materials, office, field, and laboratory supplies; \* \* \* office fixtures, fuel apparatus, machinery, tools, and other implements, and repairs to same; \* \* \* and for all other necessary expenses \* \* \*"

## IV. TAXONOMIC INVESTIGATIONS.

*(A) Systematic botany and economic collections.*

Outline of work:	Allotment.
(1) Investigation of plants used by the American aborigines: plants, with information as to names and uses by the Indians are secured, identified and data recorded.....	\$2,800.00
(2) Preparation of an authoritative manual of the flora of Alaska....	1,742.00
(3) Herbarium of cultivated plants; collection, identification, and preservation in permanent form of cultivated and economic plants.....	2,872.00
(4) Preparation of a manual of American grasses, containing authentic information regarding the same.....	7,400.00
(5) Collating and editing notes of Dr. Edward Palmer on economic plants, containing accurate information as to the identity, distribution, and general characters of the Mexican plants studied in the field by Doctor Palmer.....	2,872.00
(6) Preparation of a catalogue of the literature of botany in the various Government libraries in Washington.....	301.67
(7) A study of the lichens of California, being a systematic study of the lichen flora of the Santa Rosa Mountains.....	723.00
Statutory salaries.....	8,620.00
	<hr/> 27,330.00

(A) *Systematic botany and economic collections*—Continued.

Expended as follows:

## Salaries (statutory roll):

Atwood, Alice G., clerk.....	\$966.67
Chase, Agnes, artist.....	840.00
Disney, R. H., watchman.....	600.00
Fraile, Manuel, gardener.....	720.00
Hungerford, H. F., messenger.....	640.00
Johnston, Gertrude M., clerk.....	786.67
McClure, Mary M., clerk.....	1,370.84
Scanlon, Patrick, fireman.....	720.00
Tidestrom, Ivar, scientific assistant.....	416.66
Warner, Marjorie F., clerk.....	1,200.00

\$8,261.67

## Salaries (lump-fund roll):

Coville, F. V., botanist in charge.....	3,000.00
Dewey, L. H., botanist.....	1,250.00
Hebron, Ida, charwoman.....	480.00
Hitchcock, A. S., agrostologist.....	2,500.00
Jamieson, Annie, charwoman.....	480.00
Johnson, Marie, charwoman.....	480.00
Mills, W. H., laborer.....	30.00
Pierce, J. F., messenger.....	450.67
Ricker, P. L., scientific assistant.....	1,300.00
Safford, W. E., assistant curator.....	1,683.33
Tibbett, Allen, skilled laborer.....	315.00
Tidestrom, Ivar, scientific assistant.....	583.34
Wight, W. F., assistant botanist.....	1,683.33

14,235.67

## Total salaries.....

22,497.34

Field work: Collection of plants and inspection of experimental plantings in the field, and necessary travel.....

2,347.21

Miscellaneous: Office and laboratory supplies and miscellaneous expenses.....

2,097.50

## Total expenditures.....

26,942.05

Authority (Digest of Appropriations, pp. 429-430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For collating, mapping, illustrating, digesting, printing, reporting, publishing, and disseminating information on the results of these investigations and experiments. \* \* \* For actual and necessary traveling expenses: \* \* \* miscellaneous expenses, \* \* \* and for all other necessary expenses \* \* \*"

(B) *Fiber plant investigations.*

## Outline of work:

Allotment.

(1) Hemp investigations, to increase its production in the United States by the introduction and development of improved varieties.....	\$900.00
(2) Flax investigations, to secure as full information as possible regarding methods now used in growing flax and preparing the fiber.....	800.00
(3) Ramie investigations, to ascertain whether this plant is a profitable one for farmers of the South.....	1,000.00
(4) Zapupe investigations, to determine whether it is desirable to introduce this fiber plant into Porto Rico, Hawaii, or southern California.....	1,100.00
(5) Classification of cotton varieties.....	1,200.00
Statutory salaries.....	1,580.00

## Total allotment.....

6,580.00



(B) *Fiber plant investigations*—Continued.

Expended as follows:

Salaries (statutory roll):		
Grant, C. V., clerk.....	\$1, 200.00	
Johnston, G. M., clerk.....	180.00	
Tyler, F. J., clerk.....	200.00	
		\$1, 580.00
Salaries (lump-fund roll):		
Dewey, L. H., botanist in charge.....	1, 250.00	
Goodloe, Lucille, laboratory aid.....	288.34	
Tyler, F. J., assistant botanist.....	1, 000.00	
		2, 538.34
Total salaries.....		4, 118.34
Field work: Cooperation with experiment stations and practical farmers, collection of plants, inspection of experimental plantings, and necessary travel.....		745.01
Miscellaneous: Office and laboratory supplies and apparatus, miscellaneous expenses, etc.....		841.53
Total expenditures.....		5, 704.88
Authority (Digest of Appropriations, p. 429-430): "To investigate * * * fiber, and other plants and plant industries, * * * for the employment of investigators, * * * and all other labor and scientific assistance required for conducting investigations and experiments in the city of Washington and elsewhere. * * * For actual and necessary traveling expenses," * * * miscellaneous expenses, * * * "and for all other necessary expenses * * *."		

## V. AGRONOMIC INVESTIGATIONS.

(A) *Farm management.*

Outline of work:	Allotment.
(1) Farm management districts, of which seven have been organized, the following types of investigation being conducted: Determination of the types of farming prevailing in each district, the types giving the best results, and the relation of the various types to local conditions of soil, climate, markets, labor, etc.: cropping systems in vogue on different farms of the same and of different types; the relation of individual crops to local conditions; methods used in the production and utilization of individual crops; dates when crops may be planted and when they are available for use for different purposes when planted at a particular time; a detailed study of the system of management on particular farms on which important problems have been solved. Districts: No. 1. North Carolina, South Carolina, Georgia, and Florida; No. 2. Alabama, Mississippi, and Tennessee; No. 3. Louisiana, Arkansas, and Missouri; No. 4. Texas; No. 5. New York and the New England States; No. 6. Oregon, Washington, and Idaho; No. 7. Oklahoma, Kansas, Nebraska, and eastern Colorado...	\$12, 834. 15
(2) Cactus investigations, to determine the value of the prickly pear and other species as a stock feed.....	1, 960. 00
(3) Range investigations, to determine the best methods of range management, carrying capacity of ranges, etc.....	3, 375. 00
(4) Crop problems, including the study of farm practice in the cultivation of potatoes, in the production of small grains, corn, and hay; the diversification of crops on rice lands; farm practice with peas, beans, cowpeas, soy beans, sorghums, millets, etc.; forage crops for the Gulf coast region; cassava varieties; the extermination of weeds; winter cover crops for the South; soiling systems, silage practice, etc.....	6, 442. 65
(5) Study of farm practice on stock farms, including the production of forage for beef cattle, sheep, and hogs.....	1, 827. 50

(A) *Farm management*—Continued.

## Outline of work—Continued.

	Allotment.
(6) Soil problems, including methods of maintaining fertility, the relation of types of farming to fertility, study of methods of tillage, and the relation of soil types to crops, tillage, fertilizers, etc.....	\$3, 185. 36
(7) Study of the business side of farming, including a detailed study of business methods on successful farms, forms for keeping farm accounts and farm records, etc.....	1, 516. 67
(8) Agricultural surveys, to determine crops best adapted to different sections, methods of marketing, types of farming, etc.....	1, 350. 00
Statutory salaries.....	11, 280. 00
Total allotment.....	43, 771. 33

## Expended as follows:

## Salaries (statutory roll):

Bagley, Minnie H., clerk.....	\$937. 51
Ball, W. A., clerk.....	1, 366. 67
Barber, Ellis E., messenger.....	395. 00
Church, Lillian, clerk.....	583. 33
Lee, W. C., clerk.....	736. 67
McDonnell, Emily E., clerk.....	1, 200. 00
Ruark, A. A., photographer.....	900. 00
Tyler, Clara H., clerk.....	800. 00
Wasner, W. H., clerk.....	137. 50

7, 056. 68

## Salaries (lump-fund roll):

Allen, Rudolph, collaborator.....	166. 67
Allison, F. G., special agent.....	152. 50
Barber, Ellis E., clerk.....	100. 00
Carrier, Lyman, assistant agriculturist.....	823. 33
Cates, J. S., scientific assistant.....	250. 00
Cotton, J. S., scientific assistant.....	1, 387. 50
Doane, D. H., special agent.....	145. 11
Dodge, L. G., assistant agriculturist.....	740. 00
Drake, J. A., assistant agriculturist.....	948. 89
Duggan, J. F., special agent.....	25. 00
Easterbrook, H., special agent.....	283. 33
Forbes, R. H., collaborator.....	300. 00
Froley, J. W., expert assistant.....	239. 99
Gay, Juanita, special agent.....	30. 00
Garman, Harrison, special agent.....	428. 00
Griffiths, David, assistant agriculturist.....	2, 000. 00
Hammell, S. K., unskilled laborer.....	20. 00
Hare, R. F., special agent.....	400. 00
Hechler, C. H., special agent.....	630. 00
Heller, C. S., scientific assistant.....	49. 33
Heringa, Edward, special agent.....	106. 67
Hoke, C. A., special agent.....	41. 67
Hunter, Byron, assistant agriculturist.....	1, 400. 00
Iddings, E. J., special agent.....	108. 33
King, F. G., special agent.....	210. 00
McCleary, W. B., fence rider.....	300. 00
McClelland, C. K., assistant agriculturist.....	300. 00
McClure, H. B., scientific assistant.....	791. 67
Miller, H. A., assistant agriculturist.....	1, 050. 00
Oakley, R. A., assistant agriculturist.....	216. 67
Peck, W. A., scientific assistant.....	750. 00
Quinn, C. E., scientific assistant.....	833. 33
Richardson, F. E., special agent.....	200. 00
Sinclair, William, special agent.....	135. 00
Skippon, C. D., messenger boy.....	270. 00
Smith, A. J., painter.....	35. 00
Smith, C. B., scientific assistant.....	500. 00
Smith, Marie C., charwoman.....	480. 00
Spillman, W. J., agriculturist in charge.....	2, 750. 00

(A) *Farm management*—Continued.

## Salaries (lump-fund roll)—Continued.

Thompson, H. C., laboratory aid.....	\$270.83	
Warren, J. A., assistant agriculturist.....	800.00	
Wooten, E. O., collaborator.....	25.00	
		\$20,693.82
Total salaries.....		27,750.50
Field work: Cooperation with experiment stations and practical farmers, inspection of experimental fields, and necessary travel, etc.....		13,675.15
Miscellaneous: Office and laboratory supplies, fixtures, apparatus, and miscellaneous expenses.....		1,726.90
		43,152.55

Authority (Digest of Appropriations, pp. 429-430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, \* \* \* and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; \* \* \* to study plant physiology in relation to crop production; \* \* \* to investigate and encourage the adoption of improved methods of farm management and farm practice; to investigate the feeding value of farm crops and the use of fertilizers; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses," \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*."

(B) *Grain investigations.*

Outline of work:	Allotment.
(1) Investigation of grain rusts and smuts.....	\$2,820.00
(2) Improvement of winter grains for the South, including adaptation experiments with different winter grains, chiefly in Tennessee.....	1,675.00
(3) Grain experiments in the Panhandle of Texas, including adaptation experiments with drought resistant grains, principally at Amarillo.....	1,880.00
(4) Investigation of sorghum varieties, and their adaptations, in Texas, Kansas, and California, to determine and describe the varieties of domestic and imported sorghums.....	2,740.00
(5) Improvement of barley for the Northwest, adaptation and selection work to secure better yielding varieties of better quality than those now in use; work is conducted in cooperation with the State experiment stations of North Dakota, South Dakota, Minnesota, and Wisconsin.....	3,290.00
(6) Improvement of oats in the Northwest, adaptation and breeding work in Wisconsin, North Dakota, South Dakota, Kansas, Nebraska, and Iowa, to secure better yielding varieties and of better quality than those now in use.....	3,885.00
(7) Introduction of winter barley in the North.....	1,140.00
(8) Introduction of emmer, a crop of value as stock feed, adapted to semiarid regions.....	822.50
(9) Introduction of Russian proso (millet) in semiarid districts.....	822.50
(10) A study of all rice varieties, including experiments with fertilizers, methods of cultivation, etc., in cooperation with the Louisiana Experiment Station.....	1,570.00
(11) Experiments with durum wheat, with a view to growing pure types of the best varieties.....	4,070.00
(12) Wheat breeding, to develop varieties having better yield, rust resistance, earliness, etc.....	1,150.00
(13) Winter wheat extension, through the development of hardier varieties of the introduction of the same.....	1,140.00
(14) Wheat improvement in California, in cooperation with the California Experiment Station.....	1,040.00
(15) Improvement of hard spring wheat in the Northwest, by breeding work conducted in Minnesota and North Dakota.....	680.00



*(B) Grain investigations—Continued.*

Outline of work—Continued.	Allotment.
(16) A study of the proteids of wheat, to secure more accurate knowledge of the nature of wheat gluten and the milling and baking qualities of different wheats.....	\$2, 865.00
(17) A study of the effect of environment on the quality of wheat and other grains, in cooperation with the Bureau of Chemistry.....	410.00
Statutory salaries.....	2, 300.00
Total allotment.....	34, 300.00
Expended as follows:	
Salaries (statutory roll):	
Austin, Ella M., clerk.....	\$900.00
Kinney, Anna H. B., clerk.....	1, 400.00
Salaries (lump fund roll):	2, 300.00
Alexander, C. L., special agent.....	600.00
Avery, Lloyd, laborer.....	90.42
Ball, C. R., pathologist.....	1, 800.00
Balz, Sylvester, special agent.....	215.00
Baldwin, R. M., messenger.....	68.33
Blanchard, H. F., scientific assistant.....	1, 100.00
Bull, C. P., special agent.....	200.00
Carleton, M. A., cerealist in charge.....	2, 750.00
Carlyle, Alex., scientific assistant.....	900.00
Chamberlain, J. S., chemist.....	1, 716.67
Churchill, O. O., special agent.....	600.00
Cole, J. S., collaborator.....	300.00
Colliver, A. D., special agent.....	300.00
Cory, V. L., scientific assistant.....	900.00
Dodson, J. B., special agent.....	300.00
Elling, O. H., collaborator.....	10.00
Fitz, L. A., scientific assistant.....	300.00
Freeman, E. M., pathologist.....	1, 900.00
Holland, B. B., unskilled laborer.....	45.00
Houghton, H. W., scientific assistant.....	458.33
Jardine, W. M., agronomist in charge.....	833.34
Kolck, Rachel M., clerk.....	693.00
Leidigh, A. H., scientific assistant.....	1, 258.33
McQueen, L., clerk.....	292.50
Miller, H. O., assistant agriculturist.....	300.00
Mooers, C. A., special agent.....	800.00
Morrison, G. W., clerk.....	5.56
Ney, H. E., scientific assistant.....	600.00
Post, Arthur, unskilled laborer.....	16.33
Reed, L. L., laborer.....	157.50
Salmon, Cecil, special agent.....	300.00
Scott, J. T., special agent.....	540.00
Shaw, G. W., collaborator.....	200.00
Shepperd, J. H., collaborator.....	300.00
Snyder, W. P., collaborator.....	12.00
Stabler, A. L., collaborator.....	200.00
Stone, A. L., special agent.....	660.00
Thompson, O. A., scientific assistant.....	900.00
Townsend, K. H., messenger boy.....	213.33
Umberger, H. J. C., scientific assistant.....	800.00
Warburton, C. W., assistant agronomist.....	533.34
Willard, J. T., collaborator.....	12.00
Wilson, A. D., special agent.....	400.00
Worthen, G. C., clerk.....	165.00
	24, 745.98
Total salaries.....	27, 045.98
Field work: Cooperation with experiment stations and practical farmers, experimental plantings and inspection of same, necessary travel, etc....	5, 839.37
Miscellaneous: Office, field, and laboratory supplies, fixtures, and apparatus, and miscellaneous expenses.....	1, 186.66
Total expenditures.....	34, 072.01

## (B) Grain investigations—Continued.

Authority (Digest of Appropriations, pp. 429-430): "To investigate \* \* \* grain, \* \* \* grasses, forage, \* \* \* and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to carry on special investigations of the conditions of grain production, \* \* \* and of the means of improving the same; to cultivate and care for experimental gardens and grounds; \* \* \* to collect, purchase, \* \* \* propagate, test, and experiment with rare new seeds, \* \* \* and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses." \* \* \*

## (C) Arlington experimental farm.

Outline of work:	Allotment.
(1) Arlington experimental farm, a field laboratory for the various Bureaus and offices of the Department. Consists of 500 acres, equipped with buildings, teams, tools, etc., for carrying on experiments.....	\$21,000.00
(2) Truck crop investigations along the Atlantic coast. Adaptation of truck crops to rice lands, improvement and introduction of new varieties, and problems involved in marketing produce ...	5,535.00
Statutory salaries.....	4,060.00
Total allotment.....	30,595.00

## Expended as follows:

## Salaries (statutory roll):

Caruthers, R. P., clerk.....	\$1,200.00
Franklin, C. D., skilled laborer.....	600.00
Hull, W. S., watchman.....	100.00
Lynn, T. H., unskilled laborer.....	55.00
Sawyer, A. M., clerk.....	41.67
Shear, W. V., clerk.....	247.50
Syphax, R. E., watchman.....	35.00
Ware, Bessie G., clerk.....	1,000.00

3,279.17

## Salaries (lump-fund roll):

Allen, Tibbett, laborer.....	225.00
Beattie, W. R., assistant horticulturist.....	1,600.00
Butterfield, E. C., assistant horticulturist.....	1,500.00
Clinkett, Isaac, laborer.....	540.00
Cookman, B. C., skilled laborer.....	394.00
Copland, H. F., fireman.....	69.75
Corbett, L. C., horticulturist in charge.....	3,000.00
Davis, Ira, unskilled laborer.....	461.25
Douglass, M., skilled laborer.....	40.50
Dixon, W. D., skilled laborer.....	400.00
Elsner, E. C., carpenter.....	155.00
Furr, H., unskilled laborer.....	54.00
Garrett, W. A., unskilled laborer.....	24.75
Garrott, W. J., laborer.....	101.67
Glasson, E. J., expert.....	400.00
Gordon, J. C., laborer.....	540.00
Gloss, H. D., carpenter.....	446.00
Gray, L. C., laborer.....	517.50
Hume, E., unskilled laborer.....	94.50
Kendall, Jos., unskilled laborer.....	79.50
Lynn, T. H., unskilled laborer.....	40.50
Marcey, Calvin, laborer.....	400.00

*(C) Arlington experimental farm—Continued.*

Salaries (lump-fund roll)—Continued.	Allotment.
Marcey, F. L., unskilled laborer.....	\$279. 00
Marcey, Theodore, unskilled laborer.....	459. 00
Milstead, J. I., skilled laborer.....	670. 00
Murray, Maurice, unskilled laborer.....	100. 50
Payne, H. S., unskilled laborer.....	389. 25
Phillips, J. G., skilled laborer.....	67. 50
Poole, C. M., carpenter.....	65. 00
Priest, A. C., teamster.....	225. 00
Shear, W. V., scientific assistant.....	547. 67
Smith, W. W., expert.....	1, 500. 00
Studds, Wm., unskilled laborer.....	468. 00
Willis, W. E., skilled laborer.....	720. 00
Zoellner, C. G., unskilled laborer.....	97. 50
Zoellner, H. G., skilled laborer.....	720. 00
	\$17, 392. 34
Total salaries.....	20, 671. 51
Field work: Cooperation with practical farmers, cultivation and inspection of experimental fields, and necessary travel.....	1, 635. 20
Miscellaneous: Office, field, and laboratory supplies and material, office fixtures, apparatus, machinery, tools, implements, repairs to same, feed for teams, etc.....	7, 404. 13
	29, 710. 84

Authority (Digest of Appropriations, pp. 429-430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to investigate the feeding value of farm crops and the use of fertilizers; \* \* \* to cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses; to enable the Secretary of Agriculture to continue the necessary improvements to establish and maintain a general experimental farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April eighteenth, nineteen hundred; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids, foremen, gardeners, mechanics, and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses;" \* \* \* "miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*"

*(D) Sugar-beet investigations.*

Outline of work:	Allotment.
(1) Investigation of production of domestic sugar from sugar beets, conducted by Mr. Charles F. Saylor, for the purpose of securing complete information regarding the development and condition of the industry in the United States.....	\$4, 400. 00
(2) Commercial production of sugar-beet seed, conducted in cooperation with the office of seed and plant introduction and distribution, with a view to encouraging the production of sugar-beet seed in the United States.....	1, 800. 00
(3) Single-germ beet seed: Selection and breeding to eliminate multiple-germ seed and to increase the production of single-germ seed, in order to effect a great saving of hand labor in the cultivation of sugar beets.....	3, 621. 00
(4) Leaf spot disease of sugar beet: A study of the life history of the fungus and its time and method of attack and means of control.	708. 00
(5) Curley-top disease of sugar beet: Investigation of cause and means of controlling the disease.....	878. 00



*(D) Sugar-beet investigations—Continued.*

Outline of work—Continued.	Allotment.
(6) Effect of fertilizers upon sugar beets.....	\$628. 00
(7) Siloing sugar beets: Experiments with a view to overcoming the special difficulties encountered in siloing sugar beets.....	893. 00
(8) Improvement of cultural methods in growing sugar beets, including investigation of time and method of preparing the seed bed, width of row, subsoiling, etc., in order to lessen cost of production and increase yield of sugar beets.....	783. 00
(9) Selection of sugar beets for alkali and drought resistance, conducted in cooperation with the Laboratory of Plant Breeding..	1, 566. 00
(10) Selection of sugar beets for increased tonnage and superior quality.....	668. 00
(11) Selection of sugar beets for early maturity.....	439. 00
(12) Fungi infesting stored sugar.....	532. 00
(13) Miscellaneous diseases of plants grown in connection with sugar beets, such as lettuce, red clover, spinach, alfalfa, and the cultivated daisy.....	584. 00
Statutory salaries.....	1, 840. 00
<b>Total allotment.....</b>	<b>19, 340. 00</b>
Expended as follows:	
Salaries (statutory roll):	
Bissett, David, gardener.....	\$1, 000. 00
Gardner, Edith, clerk.....	199. 33
Howell, Edna D., clerk.....	595. 00
Rittue, E. C., gardener.....	791. 67
	<b>2, 586. 00</b>
Salaries (lump-fund roll):	
Brown, Nellie A., scientific assistant.....	781. 33
Chesnut, V. R., special agent.....	165. 00
Churchill, G. W., collaborator.....	200. 00
Haskins, A. C., scientific assistant.....	40. 00
Middleton, J. W., unskilled laborer.....	100. 00
Naylor, F. P., carpenter.....	189. 00
Reed, J. F., special agent.....	1, 037. 50
Rittue, E. C., gardener.....	291. 67
Rowen, J. D., jr., gardener.....	75. 00
Saylor, C. F., special agent.....	2, 700. 00
Schaefer, J. E., scientific assistant.....	160. 00
Shaw, H. B., scientific assistant.....	58. 33
Townsend, C. O., pathologist in charge.....	2, 500. 00
Wallace, Mrs. A. E., unskilled laborer.....	240. 00
Wood, H. S., painter.....	35. 00
	<b>8, 572. 83</b>
<b>Total salaries.....</b>	<b>11, 158. 83</b>
Field work: Cooperation with experiment stations and practical farmers, cultivation and inspection of experimental fields, necessary travel, etc.	7, 180. 26
Miscellaneous: Office, field, and laboratory supplies, fixtures and apparatus, etc.....	916. 13
<b>Total expenditures.....</b>	<b>19, 255. 22</b>

Authority (Digest of Appropriations, pp. 429-430): "To investigate \* \* \* vegetables, \* \* \* and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant \* \* \* diseases and demonstrate the treatment of same; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; to investigate the feeding value of farm crops and the use of fertilizers; \* \* \* to investigate and develop the domestic production of sugar-beet seed and the best methods of increasing the tonnage of sugar beets; to continue inquiry and ascertain the progress made in the production of domestic sugar from beets and sorghum and other sugar-producing plants; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* student or scientific aids, \* \* \* and for all other labor and scientific assistance required



*(F) Dry-land agriculture—Continued.*

## Outline of work—Continued.

Allotment.

At these stations the problem of moisture and humus conservation, crop rotations, and methods of farm management are under investigation with a view to determining the best means of successfully growing crops under semiarid conditions.

Statutory salaries .....	\$1,000.00
Total allotment .....	14,524.50

## Expended as follows:

## Salaries (statutory roll):

Andrews, B. M., clerk .....	\$70.00	
Coit, Jennie L., clerk .....	880.00	
		950.00

## Salaries (lump-fund roll):

Balz, S., special agent .....	590.00	
Burr, W. W., special agent .....	720.00	
Chilcott, E. C., agriculturist in charge .....	2,750.00	
Chilcott, E. F., special agent .....	720.00	
Grace, O. J., special agent .....	180.00	
Hazen, L. E., special agent .....	690.00	
Kennard, F. L., special agent .....	548.00	
Payne, J. E., special agent .....	900.00	
Stone, A. L., special agent .....	60.00	
Sullivan, Wm., unskilled laborer .....	290.50	
Waldron, L. R., special agent .....	300.00	
		7,748.50

Total salaries .....	8,698.50
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Field work: Cooperation with State experiment stations and practical farmers, inspection of experimental fields, and necessary travel .....	4,173.52
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Miscellaneous: Office, field, and laboratory supplies and apparatus, miscellaneous expenses, etc. ....	1,083.18
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Total expenditures .....	13,955.20
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Authority (Digest of Appropriations, pp. 429-430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; \* \* \* study plant physiology in relation to crop production; \* \* \* to investigate and encourage the adoption of improved methods of farm management and farm practice; \* \* \* to carry on special investigations of the conditions of grain production, \* \* \* and the means of improving the same; \* \* \* to cultivate and care for experimental gardens and grounds, \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* For actual and necessary traveling expenses; \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses."

## VI. HORTICULTURAL INVESTIGATIONS.

*(A) Pomological collections.*

## Outline of work:

Allotment.

- |   |            |
|---|------------|
| (1) Collection and dissemination of information relating to the fruit industry, the culture and care of orchards, and the selection of varieties of fruits adapted to various localities .....                                  | \$3,100.00 |
| (2) Simplification and purification of fruit nomenclature; to prevent losses experienced by orchard planters through the use by nurserymen in the various sections of the country of different names for the same variety ..... | 2,200.00   |
| (3) Cooperative experimental orchard on the Arlington Farm; to establish the identity of varieties and to disseminate scions of valuable sorts .....  | 2,083.68   |



## (A) Pomological collections—Continued.

Outline of work—Continued.	Allotment-
(4) Modeling and painting of fruits, reproducing fruits, especially rare and little known varieties, by means of wax and water colors.....	\$100.00
Statutory salaries.....	11,080.00
Total allotment.....	<u>18,563.68</u>
Expended as follows:	
Salaries (statutory roll):	
Corrick, H. K., messenger.....	\$840.00
Dodge, Allen, clerk.....	1,200.00
Hall, C. L., clerk.....	341.00
Herrick, Emma C., clerk.....	1,200.00
Huddleson, Sarah M., clerk.....	1,600.00
Irwin, William N., clerk.....	1,600.00
Lower, E. E., assistant photographer.....	91.67
Newton, Amanda A., clerk.....	1,200.00
Passmore, Deborah C., clerk.....	1,400.00
Scutt, Ellen I., clerk.....	1,196.67
Thomas, Charlotte R., messenger.....	324.33
	<u>10,993.67</u>
Salaries (lump-fund roll):	
Brackett, C. B., pomologist in charge.....	3,000.00
Cookman, B. C., unskilled laborer.....	120.00
Gelletly, Celie, charwoman.....	540.00
Gibson, Annie E., charwoman.....	480.00
Lower, Elsie E., student assistant.....	225.00
Pinkett, J. P., laborer.....	540.00
Ragan, W. H., expert.....	1,600.00
	<u>6,505.00</u>
Total salaries.....	17,498.67
Field work: Cooperative work on the Arlington Experimental Farm, inspection of orchards, and necessary travel in connection therewith....	73.83
Miscellaneous: Office, field and laboratory supplies and apparatus, and miscellaneous expenses.....	793.97
Total expenditures.....	<u>18,366.47</u>

Authority (Digest of Appropriations, pp. 429-430): "To investigate fruits, fruit trees, \* \* \* and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* to model fruits, vegetables, and other plants, and furnish duplicate models to the experiment stations of the several States, as far as found practicable; \* \* \* to collect, purchase, propagate, test, and experiment with rare new \* \* \* trees, shrubs, vines, cuttings, and plants; for the employment of investigators, \* \* \* and local and special agents, \* \* \* experts, clerks, illustrators, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for collating, mapping, illustrating, digesting, printing, reporting, publishing, and disseminating information on the results of these investigations and experiments. \* \* \* For actual and necessary traveling expenses; \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses" \* \* \*.

## (B) Field investigations in pomology.

Outline of work:	Allotment.
(1) Fruit marketing investigations; to determine the best methods of handling and marketing American fruits and vegetables.....	\$6,794.00
(2) Fruit transportation and storage investigations; to determine by shipping and storing quantities under various conditions, the factors which govern the successful shipping and storage of fruit.....	25,264.50
(3) Fruit district investigations; to ascertain the adaptability of varieties of fruit to different conditions which exist in various fruit-growing sections.....	4,114.00

(B) *Field investigations in pomology*—Continued.

Outline of work—Continued.	Allotment
(4) Miscellaneous problems; investigations of the conditions in which pecan culture can be successfully carried on, especially in the South Atlantic and Gulf States, and a study of the adaptability of peach varieties to conditions in the Southern States. . . . .	\$597.00
(5) Adaptability of resistant grape stocks to soil types and climatic conditions of the Pacific slope; to determine their resistance to phylloxera. . . . .	1, 254.00
(6) Congeniality of vinifera grape varieties to various resistant stocks upon which they must be grafted in regions infested with phylloxera. . . . .	1, 144.00
(7) Adaptability of grape varieties to culture in different vineyard sections. . . . .	1, 515.00
(8) Development of rotundifolia grape culture in the South Atlantic and Gulf States, to determine the best methods of handling in these regions the rotundifolia type of grape, generally known as the Scuppernong. . . . .	2, 016.00
(9) Miscellaneous viticultural problems, including investigations of methods of preparing unfermented grape juice, etc. . . . .	1, 727.78
Statutory salaries. . . . .	3, 272.22
Total allotment. . . . .	47, 698.50

## Expended as follows:

Salaries (statutory roll):	
Gorman, M. J., clerk. . . . .	\$1, 200.00
Hugins, F. A., clerk. . . . .	1, 000.00
Shepherd, A. C., clerk. . . . .	1, 072.22
	3, 272.22
Salaries (lump-fund roll):	
Ballard, C. L., clerk. . . . .	115.00
Butler, O., special agent. . . . .	75.00
Brown, W. M., collaborator. . . . .	5.00
Cole, E. F., scientific assistant. . . . .	840.00
Eustace, H. J., expert. . . . .	1, 350.00
Fletcher, W. F., scientific assistant. . . . .	840.00
Fries, E. M., collaborator. . . . .	24.00
Gould, H. P., assistant pomologist. . . . .	1, 800.00
Hosford, G. W., scientific assistant. . . . .	1, 166.67
Husmann, F. L., viticultural superintendent. . . . .	375.00
Husmann, G. C. F., pomologist. . . . .	2, 000.00
Johnson, C. W., clerk. . . . .	184.00
Jones, K. D., clerk. . . . .	50.00
Park, A. V., collaborator. . . . .	6.00
Powell, G. H., pomologist in charge. . . . .	2, 750.00
Rasmussen, A., expert. . . . .	396.67
Rea, E. P., clerk. . . . .	52.50
Stubenrauch, A. V., expert. . . . .	2, 000.00
Taylor, W. A., pomologist in charge. . . . .	2, 750.00
Tenny, L. S., assistant pomologist. . . . .	1, 800.00
Tournier, A., special agent. . . . .	308.00
Wahlgren, M. G., messenger boy. . . . .	392.00
White, H. M., scientific assistant. . . . .	840.00
	20, 119.84
Total salaries. . . . .	23, 392.06
Field work: Cooperation with experiment stations and private growers, inspection work, and necessary travel in connection therewith. . . . .	15, 515.46
Miscellaneous: Office, field, and laboratory supplies, and apparatus, cost of fruit, and expenses connected with experimental shipments. . . . .	7, 809.97
Total expenditures. . . . .	46, 717.49

Authority (Digest of Appropriations, pp. 429-430): "To investigate fruits, fruit trees, \* \* \* and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* to

model fruits, vegetables, and other plants, and furnish duplicate models to the experiment stations of the several States, as far as found practicable; to investigate the methods of harvesting, packing, storing, and shipping fruits and vegetables within the United States and to foreign countries; to cultivate and care for experimental gardens and grounds, \* \* \* to collect, purchase, propagate, test, and experiment with rare new \* \* \* trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses; \* \* \* miscellaneous expenses, \* \* \* and for all other necessary expenses. \* \* \*

(C) *Experimental gardens and grounds.*

Allotment.

Outline of work: Care and ornamentation of the Department grounds; maintenance of greenhouses for experimental purposes; propagation of plants for Congressional and special distribution; improvement of plants by hybridization and selection; general care of collections of economic plants, etc.....	\$22,370.00
Statutory salaries.....	22,630.00
Total allotment.....	<u>45,000.00</u>

## Expended as follows:

## Salaries (statutory roll):

Bullen, Harry, gardener.....	\$852.50
Byrnes, E. M., superintendent.....	1,800.00
Byrnes, J. W., skilled laborer.....	720.00
Copland, J. H., fireman.....	408.00
Cutshall, G. W., skilled laborer.....	660.00
Dawson, J. P., gardener.....	287.50
Doyle, Lester, laborer.....	11.50
Dozier, Wm., laborer.....	22.50
Gauges, J. A., gardener.....	920.84
Gilliam, John, laborer.....	22.50
Gloss, H. D., carpenter.....	164.50
Graner, Mike, gardener.....	467.50
Green, J. M., laborer.....	45.00
Hall, G. W., fireman.....	90.00
Haws, Harry, laborer.....	15.50
Haws, Henry, fireman.....	720.00
Haws, W. A., gardener.....	780.00
Hauser, Ernest, gardener.....	780.00
Hess, G. W., laborer.....	9.16
Hofman, K., laborer.....	68.33
Hutchinson, W., laborer.....	45.00
Inson, R. F., laborer.....	17.44
Jackson, W. J., laborer.....	21.56
Johnson, E., laborer.....	25.79
Johnson, Samuel, laborer.....	21.29
Jolliff, J. O., gardener.....	780.00
Keller, Charles, gardener.....	900.00
Kerr, J. K., sr., gardener.....	900.00
Kerr, J. K., jr., plumber.....	840.00
King, James, laborer.....	15.00
Kletsch, Ernest, fireman.....	720.00
Lomaux, A. A., laborer.....	22.50
Lomaux, George, laborer.....	22.50
Mergent, Isaac, laborer.....	18.29
Mitchell, John, laborer.....	12.75
Montgomery, J. P., laborer.....	262.50
Murphy, James, laborer.....	25.50
Murphy, Jessie A., clerk.....	1,400.00
Olden, J. W., gardener.....	780.00
Orton, W. S., painter.....	840.00
Piffer, Henry, laborer.....	12.00
Ports, F. M., skilled laborer.....	600.00



(C) *Experimental gardens and grounds*—Continued.

## Salaries (statutory roll)—Continued.

Prentiss, A. M., messenger.....	\$545. 67
Quinn, James, gardener.....	175. 00
Robinson, C., laborer.....	424. 50
Robson, J., laborer.....	22. 50
Ross, Eugene, laborer.....	22. 50
Schubert, C. J., plumber.....	840. 00
Sepsney, W., laborer.....	17. 91
Simmonds, E., gardener.....	156. 67
Taliferro, N., laborer.....	13. 50
Thompson, J. H., watchman.....	174. 17
Tilley, L. A., laborer.....	22. 12
Turner, L., laborer.....	20. 16
Walter, R. B., carpenter.....	900. 00
Wood, B., laborer.....	22. 04

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 \$20, 484. 19

## Salaries (lump-fund roll):

Bissell, B., unskilled laborer.....	37. 50
Bowman, A., unskilled laborer.....	13. 04
Bryant, R. A., laborer.....	720. 00
Calwell, George, laborer.....	541. 18
Cottam, G. W., gardener.....	150. 00
Dawson, C. W., laborer.....	613. 33
Gooch, C. L., student assistant.....	352. 50
Haws, R., unskilled laborer.....	15. 50
Hayden, W. H., unskilled laborer.....	12. 00
Henderson, T., unskilled laborer.....	13. 50
Hohouser, A., unskilled laborer.....	. 75
Lee, Thomas, gardener.....	550. 00
McLennan, Robert, expert.....	1, 200. 00
Parker, J. T., laborer.....	540. 00
Quinn, James, gardener.....	450. 00
Schultheis, W. H., skilled laborer.....	690. 00
Sullivan, Wm., unskilled laborer.....	171. 00
Swann, Sidney, laborer.....	656. 00
Thomas, J., unskilled laborer.....	454. 50
Thompson, Harry, laborer.....	720. 00
Walter, O. A., laborer.....	630. 00

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 8, 530. 80

Total salaries.....	29, 014. 99
Miscellaneous: Supplies of all kinds, fertilizers, machinery, tools, and implements, and repairs to same, fuel and cost of heating greenhouses.....	11, 989. 29
Total expenditures.....	41, 004. 28

Authority (Digest of Appropriations, pp. 429-430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries; in cooperation with other branches of the Department, \* \* \* to study plant and orchard diseases and demonstrate the treatment of same; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids, foremen, gardeners, mechanics, and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; for telegraph and telephone service; for gas and electric current; for forage, ice, postage, and washing towels; for express and freight charges; for the purchase of chemicals, materials, office, field, and laboratory supplies, fertilizers, office fixtures, fuel, apparatus, machinery, tools, and other implements, and repairs to same, horses, vehicles, horseshoeing, harness; \* \* \* and for all other necessary expenses. \* \* \*"

## VII. SEED AND PLANT INTRODUCTION INVESTIGATIONS.

(A) *Foreign seed and plant introduction.*

(See appropriation for "Purchase and distribution of valuable seeds.")

(B) *Forage crop introduction and extension.*

(See appropriation for "Purchase and distribution of valuable seeds.")

(C) *Vegetable variety testing gardens.*

(See appropriation for "Purchase and distribution of valuable seeds.")

(D) *Domestic seed work, including Congressional seed distribution.*

(See appropriation for "Purchase and distribution of valuable seeds.")

(E) *Seed laboratory.*

Outline of work:	Allotment.
(1) Pure-seed investigations; to study impurities of seeds received at the laboratory, and to study the distinguishing characters of closely allied economic seeds.....	\$5,278.00
(2) Seed vitality investigations; to determine the conditions affecting the vitality of commercial seeds.....	3,170.00
(3) Seed testing; to make seed tests, perfect apparatus, and popularize seed testing.....	7,831.67
Statutory salaries.....	3,000.00
Total allotment.....	<u>19,279.67</u>

## Expended as follows:

Salaries (statutory roll):	
Andrews, B. M., clerk.....	\$100.67
Gary, Kate F., clerk.....	781.94
Harvey, Rose A., clerk.....	660.00
Hillman, F. H., clerk.....	233.33
Lingle, A. F., messenger.....	456.00
Waters, D., clerk.....	160.00
Watson, H. L., clerk.....	50.06
	<u>2,442.50</u>
Salaries (lump-fund roll):	
Aldrich, M. O., collaborator.....	4.50
Applegate, E. I., collaborator.....	3.00
Barmore, G. F., collaborator.....	10.50
Beebe, A. G., collaborator.....	6.00
Benton, Zoe, aid.....	720.00
Bergner, Sophie J., aid.....	720.00
Bondbush, L., collaborator.....	1.50
Brown, Edgar, botanist in charge.....	1,966.67
Clark, M. N., collaborator.....	4.50
Clough, A. W., collaborator.....	3.00
Coppoc, J. L., collaborator.....	6.00
Crosby, M. L., aid.....	881.10
Davis, J. H., clerk.....	37.50
Demaree, F. H., collaborator.....	12.00
Dennis, J. N., collaborator.....	1.50
Duvel, August, special agent.....	35.00
Duvel, J. W. T., assistant.....	1,300.00
Easterly, H. G., collaborator.....	15.00
Emmert, H. L., collaborator.....	10.50
Enestoedt, E. G., collaborator.....	7.50
Epps, G. O., collaborator.....	12.00
Fox, G. M., collaborator.....	3.00
Freeman, G. A., collaborator.....	9.00
Galehouse, D. W., collaborator.....	1.50
Garner, C. E., collaborator.....	15.00

## (E) Seed laboratory—Continued.

## Salaries (lump-fund roll)—Continued.

		Allotment.
Gary, Kate F., clerk.....	\$140.00	
Gilbert, C. B., collaborator.....	3.00	
Glover, J. N., collaborator.....	9.00	
Goss, W. L., assistant.....	950.00	
Graham, Grace, aid.....	720.00	
Hansen, H. H., collaborator.....	15.00	
Hartman, S. B., collaborator.....	12.00	
Hildebrand, Jeff., collaborator.....	15.00	
Hillman, F. H., assistant.....	1,166.67	
Hyde, G. H., collaborator.....	24.00	
Irish, J. P., collaborator.....	24.00	
Jamison, J. M., collaborator.....	6.75	
Johnson, F. N., collaborator.....	15.00	
Jones, B. H., collaborator.....	9.00	
Jones, J. A., clerk.....	187.50	
Jordan, S. M., collaborator.....	6.00	
Keese, S. L., assistant.....	270.00	
Kelly, J. G., collaborator.....	4.50	
Kirkland, G. A., collaborator.....	9.75	
Krumroy, H., collaborator.....	15.00	
Lander, Chas., collaborator.....	15.00	
Larson, L. D., collaborator.....	18.00	
MacNair, H. C., collaborator.....	6.00	
Mathias, C. W., collaborator.....	10.00	
McQuarrie, C. K., collaborator.....	6.00	
Marony, J. N., collaborator.....	6.00	
Merrick, Lovinia S., aid.....	521.67	
Mertz, Otto, collaborator.....	7.50	
Miller, Herman, collaborator.....	6.00	
Moen, J. J., collaborator.....	6.00	
Moss, J. M., scientific assistant.....	194.00	
Myers, C. H., special agent.....	189.00	
Palmer, W. S., collaborator.....	1.50	
Rahm, J. Q. A., collaborator.....	3.00	
Roaldsold, G., collaborator.....	3.00	
Russ, B., laboratory aid.....	225.00	
Salisbury, F. A., collaborator.....	3.75	
Shore, N. D., collaborator.....	9.00	
Sirrinc, Emma F., aid.....	747.50	
Smith, H. B., collaborator.....	9.00	
Smith, J. P., collaborator.....	6.00	
Snyder, Eva M., aid.....	600.00	
Stout, W. H., collaborator.....	9.00	
Teft, Jennie A., aid.....	591.67	
Uhlhorn, Otto, collaborator.....	6.00	
Ware, W. S., collaborator.....	12.00	
Whiteford, H. C., collaborator.....	9.00	
	<hr/>	\$12,609.03
Total salaries.....		15,051.53
Field work: Securing seed from different localities, testing same, and necessary travel.....		1,345.48
Miscellaneous: Office, field and laboratory supplies, fixtures, and apparatus, and miscellaneous expenses.....		1,214.73
		<hr/>
Total expenditures.....		17,611.74

Authority (Digest of Appropriations, pp. 429-430): " \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, \* \* \* and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* And the Secretary of Agriculture is hereby directed to obtain in the open market samples of seeds of grass, clover, or alfalfa, test the same, and if any of such seeds are found to be adulterated



or misbranded, or any seeds of Canada blue grass (*Poa compressa*) are obtained under any other name than Canada blue grass or *Poa compressa*, to publish the results of the tests, together with the names of the persons by whom the seeds were offered for sale, For actual and necessary traveling expenses; \* \* \* miscellaneous expenses. \* \* \* "and for all other necessary expenses \* \* \*."

## (F) Grain standardization.

(See under appropriation for "Grain investigations.")

## (G) Miscellaneous introduction work.

Outline of work:	Allotment.
(1) Introduction garden at Brownsville, Tex.....	\$7,000.00
(2) Date-palm work at Indio, Cal.....	2,382.90
(3) Introduction and propagation of Japanese rush.....	4,410.00
(4) Investigation of brewing barleys.....	3,940.00
Total allotment.....	17,732.90
Expended as follows:	
Salaries (lump-fund roll):	
Green, E. C., pomologist in charge.....	\$500.00
Mann, A., collaborator.....	1,123.33
Moore, R. A., collaborator.....	281.59
Norgard, C. P., special agent.....	1,120.00
Romig, L. H., clerk.....	300.00
Rowlee, W. W., collaborator.....	30.00
Tull, J. H., special agent.....	300.00
	3,654.92
Field work: Inspection of experimental plantings, and necessary travel in connection therewith.....	6,496.61
Miscellaneous: Office, field, and laboratory supplies and equipment, freight, express, telegraph, and miscellaneous expenses.....	3,195.58
Total expenditures.....	13,347.11

Authority (Digest of Appropriations, pp. 429-430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries; \* \* \* to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* to originate and improve crops by breeding and selection; \* \* \* to cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and fruit and plant propagating houses; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants student and scientific aids, \* \* \* gardeners, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses; \* \* \* miscellaneous expenses; "and for all other necessary expenses, \* \* \*."

## VIII. SPECIAL LABORATORIES, GARDENS, AND FARMS.

## (A) Mississippi Valley Laboratory.

Outline of work:	Allotment.
(1) Crown gall diseases; for several years an investigation has been in progress of the crown gall disease of the peach, apple, plum, and grape.....	\$2,623.00
(2) Root-rot diseases of fruit trees and grape vines; these diseases are under investigation by this laboratory, especially in the lower Mississippi Valley.....	1,736.00
(3) Diseases of the red gum; a study of the life history of the fungus which causes the disease, and a determination of the best method of treating the same.....	1,676.00
(4) Blue stain of coniferous and other woods.....	925.00

(A) *Mississippi Valley Laboratory*—Continued.

Outline of work—Continued.	Allotment.
(5) Study of diseases of coniferous trees; study of the life history of fungi causing the various diseases of pines, and the relative susceptibility of the different species of pine to red heart and other diseases.....	\$1, 880.00
(6) Diseases of oaks and other hard woods.....	1, 450.00
(7) Miscellaneous diseases of forest trees; including a study of the damping-off disease of coniferous seedlings, the stain of wood pulp, the pecky disease of the cypress, the physiological changes which take place in timber when immersed in water, as in rafting, the treatment of fence posts, etc.....	3, 186.00
Total allotment.....	13, 476.00

## Expended as follows:

Salaries (lump-fund roll):	
Dagwell, Robert, laborer.....	\$209.33
Eames, Laura, assistant.....	480.00
Hedgcock, G. C., scientific assistant.....	1, 200.00
Rumbold, C. T., collaborator.....	50.00
Spaulding, Perley, scientific assistant.....	1, 200.00
Taylor, T. C., clerk.....	1, 080.00
Von Schrenk, H., expert in charge.....	2, 500.00
	6, 719.33
Field work: Cooperation with private owners, inspection of forest areas, securing specimens, and necessary travel.....	4, 321.77
Miscellaneous: Office, field and laboratory supplies and apparatus, and miscellaneous expenses.....	237.12
Total expenditures.....	11, 278.22

Authority (Digest of Appropriations, pp. 429-430): \* \* \* "To study plant and orchard diseases and demonstrate the treatment of same; \* \* \* to investigate the causes of decay in forest timber used for construction purposes, and to devise means for preventing the decay of the same; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*"

(B) *Subtropical laboratory and garden (Miami, Fla.)*.

Outline of work: The work at this laboratory includes the propagation and testing of many of the subtropical fruits introduced through the Office of Seed and Plant Introduction and Distribution, and the propagation of hybrid oranges, pineapples, etc., and a study of the diseases of citrus trees and of truck crops grown in the extreme South.....	Allotment.
	\$9, 100.00
Expended as follows:	
Salaries (lump-fund roll):	
Bessey, E. A., pathologist in charge.....	\$1, 720.00
Fawcett, G. L., scientific assistant.....	960.00
Hudson, Agnes T., clerk.....	862.50
Lucas, W. R., unskilled laborer.....	90.00
Rolis, P. H., collaborator.....	120.00
Sampson, R. J., unskilled laborer.....	100.50
Small, D. C., clerk.....	30.00
Wester, P. J., gardener.....	900.00
Zumwalt, J. M., unskilled laborer.....	75.63
	4, 858.63
Field work: Actual and necessary traveling expenses in connection with visits to trucking districts of the Atlantic coast and to Washington, D. C., for consultation, etc.....	3, 528.83
Miscellaneous: Office, field, and laboratory supplies and apparatus, and other miscellaneous expenses.....	228.07
Total expenditures.....	8, 615.53

Authority (Digest of Appropriations, pp. 429-430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, \* \* \* to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* to originate and improve crops by breeding and selection; \* \* \* to cultivate and care for experimental gardens and grounds, manage and maintaining conservatories, greenhouses, and fruit and plant propagating houses; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids, \* \* \* foremen, gardeners, mechanics, and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* For actual and necessary traveling expenses;" \* \* \* "miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*."

(C) *Plant introduction garden (Chico, Cal.).*

Outline of work: Propagating and testing of seeds, bulbs, trees, shrubs, vines, cuttings, and plants, especially of foreign importations by the Office of Seed and Plant Introduction and Distribution, and the improvement of plants by breeding and selection.....	Allotment. \$2, 250. 00
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Expended as follows:

Salaries (lump fund roll): Dorsett, P. H., pathologist in charge.....	1, 968. 75
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Authority (Digest of Appropriations, p. 430): \* \* \* "to originate and improve crops by breeding and selection; \* \* \* to cultivate and care for experimental gardens and grounds, \* \* \* to \* \* \* propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in Washington and elsewhere \* \* \*." (See also under appropriation for "Purchase and distribution of valuable seeds.")

(D) *Cotton culture farms.*

(See under appropriation for "Cotton boll weevil investigations.")

Appropriation: Grain investigations.

GRAIN STANDARDIZATION.

Outline of work:	Allotment.
(1) General study of methods of grading grain now in use at the various grain centers and their correlation to the percentage method proposed by the Department.....	\$4, 000. 00
(2) Standardization laboratory at Baltimore, Md.; examination and reporting upon all samples of grain submitted or obtained at Baltimore, especially of cargoes destined for export, which are again examined on arrival abroad.....	4, 500. 00
(3) Standardization laboratory at New Orleans, La.; conducted along similar lines to that at Baltimore.....	4, 000. 00
(4) Examination of inspected cargoes at foreign ports; the inspector stationed abroad is notified of departure of inspected cargoes from the ports of Baltimore and New Orleans, and upon arrival at destination these cargoes are carefully examined and their condition reported. By this means valuable data is secured as to changes due to moisture content and temperature which grain undergoes in transit.....	2, 500. 00
Total allotment.....	15, 000. 00

Expended as follows:

Salaries (lump-fund roll):	
Boerner, E. G., special agent.....	\$1, 154. 17
Carroll, W. P., special agent.....	655. 56
Duvel, J. W., assistant.....	500. 00
Fitz, Leslie A., scientific assistant.....	1, 350. 00
Leighty, Clyde E., expert.....	1, 745. 00



## GRAIN STANDARDIZATION—Continued.

## Salaries (lump-fund roll)—Continued.

	Allotment.
Morrison, G. W., clerk.....	\$41. 67
Neal, C. A., assistant.....	791. 67
Shanahan, J. D., expert in charge.....	2, 250. 00
Shane, Ovid, aid.....	135. 00
Smith, Leroy M., laboratory helper.....	560. 00
	\$9, 183. 07
Field work: Visits to grain centers for consultation with grain dealers and organizations, and between laboratories and headquarters, and of special agent stationed abroad.....	2, 621. 96
Miscellaneous: Laboratory supplies, materials, and apparatus, and miscellaneous expenses.....	3, 150. 48
Total expenditures.....	14, 955. 51

Authority (Digest of Appropriations, p. 431): "To enable the Secretary of Agriculture to establish, at such points of export as he may deem expedient, laboratories for the purpose of examining and reporting upon the nature, quality, and condition of any sample, parcel, or consignment of seed or grain, \$15,000, or so much thereof as may be necessary; and the Secretary of Agriculture is authorized to report upon such samples, parcels, or consignments from time to time, and the reports so made shall serve as a basis for the fixing of definite grades and for the issuance of certificates of inspection when requested by the consignor or consignee of any grain entering into interstate and foreign commerce."

Appropriation: Ozark Mountain investigations.

## FRUIT SPRAYING DEMONSTRATION WORK.

	Allotment.
Outline of work: Demonstration work in the spraying of fruit trees for eradication of parasites, insects, and fungous diseases of fruit trees in the Ozark Mountain region of Arkansas and Missouri, particularly at Bentonville, Ark.....	\$3, 553. 72
Expended as follows:	
Salaries (lump-fund roll):	
Faurot, F. W., special agent.....	\$450. 00
Rorer, James B., scientific assistant.....	500. 00
Scott, W. M., plant pathologist.....	1, 833. 34
	2, 783. 34
Field work: Cooperation with experiment stations and practical fruit growers, inspection of infested orchards, and necessary travel.....	643. 07
Miscellaneous: Office, field, and laboratory supplies, material, and apparatus, and miscellaneous expenses.....	123. 81
Total expenditures.....	3, 550. 22

Authority (Digest of Appropriations, pp. 429-430-431): " \* \* \* to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, \* \* \* assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* For actual and necessary traveling expenses;" miscellaneous expenses, \* \* \* "and for all other necessary expenses" \* \* \* (appropriation for general expenses). "That the Secretary of Agriculture is authorized to expend \$5,000 of the amount hereby appropriated to especially investigate parasites and orchard diseases prevalent in the Ozark Mountain region of the States of Missouri and Arkansas, and to work out, if possible, in cooperation with the fruit experiment stations of said States, the problem of prevention of such diseases and destruction of parasites, and diffuse information along these lines."

Appropriation: Purchase and distribution of valuable seeds.

## (A) CONGRESSIONAL DISTRIBUTION.

	Allotment.
Outline of work: (1) Vegetable and flower seeds; (2) special seeds, as cotton, lawn grass, etc.; (3) special plants, orange trees, ornamentals, etc.; (4) trial grounds.....	\$161, 057. 33
Statutory salaries.....	28, 609. 32
Total allotment.....	189, 666. 65

## (A) CONGRESSIONAL DISTRIBUTION—Continued.

Expended as follows:

Salaries (statutory roll):	Allotment.
Allen, Isabelle, clerk.....	\$940.84
Armstrong, H. C.....	442.00
Ashmore, C. D., clerk.....	905.00
Austin, Mary A., clerk.....	720.00
Barberry, M., clerk.....	427.50
Bateman, C. C., assistant superintendent.....	333.33
Bollinger, Lewis, clerk.....	88.67
Burke, Edmund, clerk.....	968.05
Campbell, W. S., messenger.....	135.00
Clark, M. K., clerk.....	14.00
Chandler, H. F., messenger.....	480.00
Cookman, G. E., skilled laborer.....	600.00
Crandall, F. L., skilled laborer.....	615.00
Cuppernell, Bert, clerk.....	1,200.00
Degenhardt, G. A., messenger.....	396.00
Frost, F. C., messenger boy.....	30.00
Gardner, Helen, clerk.....	1,127.78
Garton, A. C., clerk.....	1,200.00
Gordon, E. F., clerk.....	315.00
Graham, J. P., clerk.....	1,133.33
Hardenstein, F. P., skilled laborer.....	449.17
Hodges, A. J., messenger.....	420.00
Holland, R. B., inspector.....	248.00
Hull, W. S., watchman.....	500.00
Hurdle, Ivy V., clerk.....	720.00
Jones, Oliver F., clerk.....	900.00
Jeunemann, H. E., gardener.....	900.00
Keadin, Wm. A., clerk.....	353.33
Kimball, J. H., superintendent.....	423.33
Knight, E. Q., clerk.....	1,116.66
Klopfcr, Henry, gardener.....	175.00
MacMorris, Laura, clerk.....	750.00
Mansfield, C. M., messenger.....	670.00
Marcy, Wm. L., clerk.....	641.67
Martin, A. R., clerk.....	210.00
Morrison, Lisle, clerk.....	1,800.00
Muhlemann, B. M., clerk.....	615.00
Neal, C. A., assistant.....	208.33
Parker, G. D., clerk.....	697.00
Phelps, Nora H., clerk.....	500.00
Phipps, W. H., watchman.....	300.00
Romig, L. H., clerk.....	500.00
Sawyer, A. M., clerk.....	825.00
Smith, M. J., skilled laborer.....	720.00
Wight, J. C., clerk.....	800.00
Wischoff, A. E., clerk.....	442.00
	\$27,955.99
Salaries (lump-fund roll):	
Albee, R. S., clerk.....	1,043.33
Bateman, C. C., assistant superintendent.....	723.33
Barberry, Marie, clerk.....	200.00
Bort, K. S., laboratory aid.....	231.94
Boyle, H. H., gardener.....	60.00
Day, M. E., clerk.....	736.25
Doyle, E. S., scientific assistant.....	667.50
Duffy, Sadie, frank counter.....	360.00
Estler, H. S., clerk.....	150.00
Faunce, H. V., charwoman.....	540.00
Galleher, U. H., unskilled laborer.....	590.00
Garrett, W. A., unskilled laborer.....	77.50
Gilbert, M. M., classified laborer.....	496.34
Gillingham, M. P., unskilled laborer.....	462.92
Goucher, E., special agent.....	333.34
Hammell, S. H., unskilled laborer.....	22.67

## (A) CONGRESSIONAL DISTRIBUTION—Continued.

## Salaries (lump-fund roll)—Continued.

Hall, F. C., unskilled laborer.....	\$720.00	
Hammersley, J. J., messenger.....	478.50	
Henderson, A. T., unskilled laborer.....	37.50	
Hall, B. H., unskilled laborer.....	34.50	
Holland, R. B., inspector.....	590.00	
Hume, Edward, unskilled laborer.....	109.50	
Mayer, August, expert.....	600.00	
Milstead, E. H., unskilled laborer.....	590.00	
Neilson, C. W. C., cabinetmaker.....	444.50	
Pieters, A. J., botanist in charge.....	611.11	
Ramsdell, K. P., unskilled laborer.....	660.00	
Rustine, L. C., charwoman.....	360.00	
Seiler, W. C., skilled laborer.....	184.00	
Small, G. C., clerk.....	40.00	
Swan, Sidney, unskilled laborer.....	26.00	
Tracy, J. E. W., assistant superintendent.....	2,000.00	
Tracy, W. W., jr., assistant botanist.....	2,000.00	
Wheeler, C. F., expert.....	2,000.00	
Whittleton, R. J., superintendent.....	2,000.00	
Wine, L. D., skilled laborer.....	40.00	
Wood, H. S., painter.....	49.00	
		\$20,269.73
Total salaries.....	48,225.72	
Packeting, assembling, and mailing.....	116,109.92	
Trial grounds, miscellaneous seeds, plants, etc.....	7,094.20	
Miscellaneous expenses—rent, freight, express, materials, etc.....	16,597.86	
Total expenditures.....	188,027.70	

## (B) Purchase, testing, and distribution of rare varieties.

	Allotment.
Outline of work: (1) Forage of crops and grains; (2) testing new varieties, especially vegetables; (3) sugar-beet seed; (4) propagating houses.....	\$44,082.67
Statutory salaries.....	5,245.83
Total allotment.....	49,328.50

## Expended as follows:

## Salaries (statutory roll):

Allen, C. W., clerk.....	\$750.00	
Bell, B. C., clerk.....	800.00	
Connor, Bernard, clerk.....	568.00	
Dulin, M. S., clerk.....	38.33	
Evans, W. D., gardener.....	660.00	
Groesbeck, D. V. H., skilled laborer.....	533.50	
Horan, Katherine, clerk.....	26.00	
Klopfner, Henry, gardener.....	335.00	
Lynn, T. H., skilled laborer.....	55.00	
Minor, George O., skilled laborer.....	600.00	
Murphy, J. A., clerk.....	700.00	
Roberts, Harry, clerk.....	120.00	
Roberts, Henry, clerk.....	60.00	
		5,245.83

## Salaries (lump-fund roll):

Auhagen, George, unskilled laborer.....	600.00
Bort, K. S., laboratory aid.....	741.66
Bouton, E. L., unskilled laborer.....	43.50
Connor, A. B., scientific assistant.....	1,053.34
Dodge, L. G., scientific assistant.....	400.00
Eckman, Lulu, clerk.....	112.50
Estler, H. S., clerk.....	114.67
Evans, M. W., scientific assistant.....	350.00



*(B) Purchase, testing, and distribution of rare varieties—Continued.*

## Salaries (lump-fund roll)—Continued.

Garrett, W. A., unskilled laborer.....	\$117. 00
Gibson, W. A., clerk.....	208. 33
Graner, Mike, gardener.....	192. 50
Hinton, Agnes, clerk.....	40. 00
Hopkins, F. B., aid.....	720. 00
Keeney, C. M., special agent.....	250. 00
Kremers, Will, special agent.....	240. 00
Laird, W. C., clerk.....	53. 33
Lynn, T. H., unskilled laborer.....	117. 00
Manning, H. F., clerk.....	54. 67
McKee, Roland, scientific assistant.....	800. 00
Morse, W. J., scientific assistant.....	22. 50
Neilsen, H. T., scientific assistant.....	1, 100. 00
Oakley, R. A., assistant agrostologist.....	1, 166. 67
Oliver, G. W., expert.....	1, 350. 00
Piper, C. V., agrostologist in charge.....	2, 250. 00
Rea, E. P., clerk.....	37. 50
Riggs, J. W., special agent.....	120. 00
Schmitz, N., expert.....	1, 200. 00
Schneider, M. N., clerk.....	138. 00
Smith, R. H., jr., laboratory aid.....	600. 00
Steele, Henry, unskilled laborer.....	210. 00
Stewart, R., collaborator.....	60. 00
Tracy, W. W., sr., expert.....	3, 000. 00
Vinall, H. N., scientific assistant.....	883. 34
Warren, J. A., scientific assistant.....	400. 00
Westgate, J. M., assistant agrostologist.....	1, 625. 00
Wood, H. S., painter.....	14. 00
	\$20, 385. 51

Total salaries.....	25, 631. 34
Seeds and expenses of propagating and testing work, or travel for inspection work, etc.....	20, 539. 38
Miscellaneous office expenses, fuel, gas, electric power, telephone, etc..	1, 921. 56
	48, 092. 28

Authority (Digest of Appropriations, pp. 431-432): "For the purchase, propagation, testing, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for rent and repairs; the employment of local and special agents, clerks, assistants, and other labor required in the city of Washington and elsewhere; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, printing, postal cards, gas, and electric current, traveling expenses, and all necessary material and repairs for putting up and distributing the same \* \* \* ."

Appropriation: Purchase and distribution of valuable seeds (foreign seed and plant introduction).

## FOREIGN SEEDS.

	Allotment.
Outline of work: (1) Foreign explorations; (2) introduction of special crops into the United States.....	\$35, 780. 00
Statutory salaries.....	2, 490. 01
	38, 270. 01

## Expended as follows:

## Salaries (statutory roll):

Bell, Mrs. Grace, clerk.....	\$1, 200. 00
Frazier, C. T., skilled laborer.....	565. 01
Stothart, T. B., clerk.....	725. 00
	2, 490. 01

## Salaries (lump-fund roll):

Barrett, Otis W., assistant.....	1, 838. 89
Beagles, R. L., special agent.....	765. 00
Benson, W. D., special agent.....	55. 00

## FOREIGN SEEDS—Continued.

## Salaries (lump-roll fund)—Continued.

Boyle, H. H., gardener.....	\$660.00	
Bryant, B. B., unskilled laborer.....	3.00	
Derr, H. B., assistant.....	869.45	
Fairchild, D. G., agricultural explorer.....	2,500.00	
Goucher, E., expert.....	649.99	
Green, G. R., unskilled laborer.....	2.00	
Hall, G. W., fireman.....	190.00	
Hansen, N. E., temporary special disbursing agent.....	500.00	
Johnson, B. G.....	704.60	
Klopfcr, Henry, gardener.....	90.00	
Mann, A. C., gardener.....	900.00	
Marks, I. G., special agent.....	420.00	
Mayer, August, expert.....	400.00	
Meyer, Frank N., agricultural explorer.....	1,000.00	
Miller, C. S., unskilled laborer.....	2.00	
Millott, Eugene, clerk.....	342.00	
Nehrling, H. H., collaborator.....	275.00	
Owen, C. B., scientific assistant.....	3.00	
Rowlee, W. W., collaborator.....	10.00	
Soper, W. S., unskilled laborer.....	2.00	
Young, R. A., scientific assistant.....	127.78	
		\$12,309.71
Total salaries.....		14,799.72
Purchase of seeds and plants, foreign explorations, and field work, including inspection and maintenance of testing and propagating houses and grounds.....		20,433.94
Miscellaneous expenses, office requirements, telegraph, etc.....		1,568.52
Total expenditures.....		36,802.18

Authority (Digest of Appropriations, pp. 431-432): Appropriation for purchase and distribution of valuable seeds: "Provided further, That \$37,780, of which sum, or so much thereof as the Secretary of Agriculture shall direct, may be used to collect, purchase, test, propagate, and distribute rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries or from our possessions for experiments with reference to their introduction into and cultivation in this country; and the seeds, bulbs, trees, shrubs, vines, cuttings, and plants thus collected, purchased, tested, and propagated shall not be included in general distribution, but shall be used for experimental tests to be carried on with the cooperation of the agricultural experiment stations."

## Appropriation: Cotton boll-weevil investigations.

Authority (Digest of Appropriations, p. 432): "To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the Mexican cotton boll weevil in the Southern States, by encouraging the diversification of crops, improved cultural methods, breeding of new cottons, and to study the diseases of cotton, \$105,000, or so much thereof as may be necessary. And the Secretary of Agriculture is hereby authorized to spend said appropriation in such manner as he shall deem best, in cooperation with the State experimental stations and practical cotton growers.—Agricultural act, June 30, 1906."

## I. DIVERSIFICATION OF CROPS.

## (A) Farm management investigations.

## Outline of work:

- (1) Farm management, districts in the South: (a) District No. 1, which includes North Carolina, South Carolina, Georgia, and Florida; (b) District No. 2, which includes Alabama, Mississippi, and Tennessee; (c) District No. 3, which includes Louisiana, Arkansas, and Missouri; (d) District No. 4, which covers the State of Texas. In all of these districts object-lesson farms have been established, cropping systems have been drawn up and are being followed by practical farmers, with a view to the introduction and encouragement of diversified farming.

(A) *Farm management investigations*—Continued.

Outline of work—Continued.	Allotment.
2) Crop problems, diversification with truck crops, etc.....	\$22,308.33
Statutory salaries.....	2,642.38
	<hr/>
Total allotment.....	24,950.71
	<hr/> <hr/>
Expended as follows:	
Salaries (statutory roll):	
Draper, A. F., clerk.....	\$955.56
Goding, Harry, clerk.....	572.92
Price, N. G., clerk.....	1,113.90
	<hr/>
	2,642.38
Salaries (lump-fund roll):	
Benton, Harmon, assistant agriculturist.....	1,400.00
Brodie, B. A., assistant agriculturist.....	2,000.00
Carrier, Lyman, scientific assistant.....	200.00
Cates, J. S., scientific assistant.....	979.17
Crosby, M. A., scientific assistant.....	1,400.00
Drake, J. A., scientific assistant.....	233.34
Duggar, J. F., special agent.....	125.00
Easterbrook, Henry, special agent.....	350.00
Froley, J. W., executive assistant.....	200.00
Gay, J., special agent.....	30.00
Glasson, F. J., expert.....	250.00
Goding, Harry, clerk.....	308.33
Lloyd, E. R., special agent.....	120.00
McClelland, C. K., scientific assistant.....	500.00
McClure, H. B., scientific assistant.....	166.67
Peck, W. A., assistant agriculturist.....	166.67
Polk, Wm., collaborator.....	150.00
Quinn, C. F., scientific assistant.....	166.67
Richardson, F. E., special agent.....	166.67
Smith, C. B., scientific assistant.....	333.34
Spillman, W. J., agriculturist in charge.....	250.00
Stewart, S. M., special agent.....	200.00
Tracy, S. M., special agent.....	2,000.00
Warburton, C. W., assistant agronomist.....	933.33
Williamson, W. L., special agent.....	350.00
	<hr/>
	12,979.19
Total salaries.....	15,621.57
Field work: Cooperation with experiment stations and practical cotton growers, inspection of demonstration farms, and necessary travel.....	6,671.52
Miscellaneous: Field supplies, express, telephone and telegraph charges, and miscellaneous expenses.....	215.53
	<hr/>
Total expenditures.....	22,508.37

(B) *San Antonio, Tex., experiment farm.*

Outline of work: Various crops are grown at this farm for the purpose of demonstrating the practicability of diversification in a semiarid district.....	Allotment.
	\$5,848.75
	<hr/> <hr/>
Expended as follows:	
Salaries (lump-fund roll):	
Childers, G. W., unskilled laborer.....	\$480.00
Guerro, Joe, laborer.....	180.00
Guerro, Philipe, unskilled laborer.....	156.00
Headley, F. B., scientific assistant.....	1,200.00
Hastings, S. H., agent.....	436.00
James, Robert, laborer.....	40.00
Kempton, J., unskilled laborer.....	35.00
Scofield, C. S., agriculturist.....	468.75



*(B) San Antonio, Tex., experiment farm—Continued.*

## Salaries (lump-fund roll)—Continued.

Stedman, A. M., laborer.....	\$180.00
Stedman, H. W., laborer.....	160.00

\$3,335.75

Field work: Cost of cultivation, inspection, and necessary travel, etc...

2,209.76

Miscellaneous: Field supplies, seeds, express, telegraph and telephone charges, etc.....

197.40

Total expenditures.....

5,742.91

## II. IMPROVEMENT OF CULTURAL METHODS.

Allotment.

Outline of work: On several hundred demonstration farms cotton is grown by cooperators, who are practical cotton growers, under instructions and direct supervision of a corps of special agents, for the purpose of demonstrating that with proper cultural methods cotton can be successfully and profitably produced despite the presence of the boll-weevil.....

\$40,000.00

Expended as follows:

## Salaries (lump-fund roll):

Adger, Joe, sr., collaborator.....	\$0.33
Alsop, S. B., special agent.....	466.67
Apple, W. J., special agent.....	293.33
Bamberge, Wm., collaborator.....	12.00
Barrow, D. N., cooperator.....	.88
Bentley, W. B., special agent.....	1,176.67
Berryman, L. J., special agent.....	900.00
Bishop, E. A., collaborator.....	.55
Boyce, C. W., special agent.....	510.00
Caldwell, D. R., special agent.....	840.00
Campbell, R. M., cooperator.....	.64
Campbell, W. W., special agent.....	256.00
Carson, James W., special agent.....	160.00
Cowdin, E. P., special agent.....	792.50
Evans, J. A., special agent.....	1,800.00
Franklin, C. L., special agent.....	664.00
Featherston, L. M., special agent.....	960.00
Gentry, E., special agent.....	262.67
Giles, R. E., special agent.....	633.33
Glassell, W. E., cooperator.....	12.00
Hall, G. A., special agent.....	53.33
Hilley, F. A., special agent.....	240.00
Hudson, C. B., cooperator.....	.67
Ingram, I. S., cooperator.....	.42
Kinnebrew, Irene, special agent.....	900.00
Knapp, S. A., special agent.....	3,000.00
McKnight, H. L., special agent.....	240.00
McLaughlin, F. M., special agent.....	193.33
Meharg, A. S., cooperator.....	.75
Moore, M. S., special agent.....	60.00
Nagle, C. L., assistant.....	37.50
Nagle, Clara M., special agent.....	245.00
Peeler, T. L., special agent.....	307.50
Perrin, L. F., special agent.....	1,200.00
Phelps, J. C., cooperator.....	.67
Pierce, J. B., cooperator.....	.55
Proctor, W. F., special agent.....	1,300.00
Quicksall, J. F., special agent.....	1,200.00
Rhodes, P. H., cooperator.....	.32
Sandy, T. V., cooperator.....	.55
Savelly, H. F., cooperator.....	1.00
Slattery, J. P., special agent.....	400.00
Smith, E. W., special agent.....	1,200.00
Stallings, W. C., special agent.....	381.67

## II. IMPROVEMENT OF CULTURE METHODS—Continued.

Salaries (lump-fund roll)—Continued.	Allotment.
Stiles, J. R., cooperator.....	\$0. 08
Swaty, A. V., special agent.....	1, 200. 00
Tate, H. D., cooperator.....	. 65
Waldrop, C. S., cooperator.....	. 63
Walker, J. B., special agent.....	218. 67
Watkins, W. J., special agent.....	554. 67
Watson, H. L., special agent.....	233. 33
Watson, S. H., special agent.....	195. 00
Wells, Wm., janitor.....	17. 50
Wemple, J. E., special agent.....	1, 200. 00
Willis, J. W., cooperator.....	. 42
Wilson, R. S., cooperator.....	. 34
	\$24, 326. 12
Field work: Cooperation with practical farmers, inspection of demonstration farms and necessary traveling expenses.....	15, 299. 32
Miscellaneous: Office and field supplies, rent, freight, express, and telegraph charges, etc.....	351. 29
Total expenditures.....	39, 976. 73

## III. BREEDING OF NEW COTTON.

## (A) Cotton breeding investigations.

Outline of work:	Allotment.
(1) Production of upland cotton with longer and better staple.....	\$2, 720. 00
(2) Production of early varieties of cotton.....	5, 725. 00
(3) Production of boll weevil resistant cotton.....	1, 325. 00
(4) Increasing the production of short staple cotton, including the testing of varieties to determine their comparative yield and the systematic selection of good plants and their pedigree breeding on a large scale.....	6, 560. 00
(5) Adaptation of Egyptian cotton, including the breeding and selection of imported strains and the testing of hybrids.....	1, 345. 00
(6) Breeding cotton for increased oil content.....	790. 00
(7) Testing the value of selected cotton seed by weight.....	1, 000. 00
(8) Testing cotton-seed meal with whole cotton seed as a fertilizer.....	250. 00
(9) Study of cotton-breeding methods.....	2, 125. 00
	21, 840. 00
Statutory salaries.....	14. 00
Total allotment.....	23, 854. 00

## Expended as follows:

Salaries (statutory roll): Braden, F. C., clerk.....	14. 00
Salaries (lump-fund roll):	
Allard, H. A., scientific assistant.....	\$960. 00
Bain, S. M., special agent.....	1, 206. 00
Bennett, R. L., special agent.....	2, 000. 00
Boss, R. M., clerk.....	445. 67
Boykin, E. B., special agent.....	1, 100. 00
Bright, V. S., unskilled laborer.....	40. 00
Doyle, Ida L., messenger.....	840. 00
Hamilton, Alex., laborer.....	360. 00
Hope, W. B., clerk.....	258. 00
Holland, J. B., clerk.....	630. 00
McGlasson, Robert, clerk.....	140. 00
McMahan, Clyde, clerk.....	115. 00
Price, W. A., laborer.....	588. 00
Reid, W. A., clerk.....	523. 33
Saunders, D. A., special agent.....	1, 500. 00
Shamel, A. D., physiologist in charge.....	333. 34
Shoemaker, D. N., special agent.....	1, 575. 00

## III. BREEDING OF NEW COTTON—Continued.

## Salaries (lump-fund roll)—Continued.

Webber, H. J., collaborator.....	\$916.67	
Work, H., unskilled laborer.....	31.50	
		\$13,562.51
Total salaries.....		13,576.51
Field work: Cooperation with experiment stations and practical farmers, cultivation and inspection of experimental fields and actual and necessary traveling expenses.....		6,695.99
Miscellaneous: Office, field and laboratory supplies and apparatus, and miscellaneous expenses.....		1,352.79
Total expenditures.....		21,625.29

## (B) Weevil-resistant cotton investigations.

Outline of work:		Allotment.
Culture and acclimatization of weevil-resistant varieties of cotton found in Central America, the original home of the cotton boll weevil.....	\$9,502.92	
Statutory salaries.....	1,200.00	
Total allotment.....		10,702.92

## Expended as follows:

Salaries (statutory roll), Meloy, Guy S., clerk.....	\$1,200.00	
Salaries (lump-fund roll):		
Collins, G. N., assistant botanist.....	450.00	
Cook, O. F., bionomist.....	572.92	
Kinsler, J. D., special agent.....	405.00	
Kinsler, J. H., special agent.....	1,500.00	
Lewton, F. L., scientific assistant.....	533.34	
Pittier, H., special agent.....	2,250.00	
Total salaries.....		5,711.26
Field work: Cultivation and inspection of experimental fields and necessary traveling expenses.....		2,143.68
Miscellaneous: Field supplies, freight, express, and telegraph charges, and miscellaneous expenses.....		491.05
Total expenditures.....		9,545.99

## IV. STUDY OF COTTON DISEASES.

Outline of work:		Allotment.
Study of the wilt disease of sea-island cotton and the study of cotton root rot, rust, anthracnose, and of the shedding of cotton bolls.....	\$5,500.00	
Expended as follows:		
Salaries (lump-fund roll):		
Duggar, J. F., collaborator.....	\$75.00	
Duncan, L. N., collaborator.....	275.00	
Gilbert, W. W., scientific assistant.....	480.00	
Howell, W. M., collaborator.....	13.33	
Kimball, Anna L., clerk.....	22.22	
Miles, G. F., scientific assistant.....	500.00	
Orton, W. A., pathologist in charge.....	1,583.33	
Wood, Mrs. A. L., clerk.....	229.18	
		3,178.06
Field work: Cooperation with experiment stations and practical growers, cultivation and inspection of experimental fields, and necessary travel in connection therewith.....		1,271.95
Miscellaneous: Office, field, and laboratory supplies and apparatus, and miscellaneous expenses.....		482.03
Total expenditures.....		4,932.04

Appropriation: Cotton boll weevil investigations, 1907-8. (Immediately available.)



*Cotton culture farms.*

## Outline of work:

Allotment.

Demonstration work on several hundred farms of cooperators, who cultivate their crops in accordance with instructions and under the supervision of a corps of special agents..... \$40,000.00

## Expended as follows:

## Salaries (lump-fund roll):

Allen, C. E., special agent.....	\$366.67
Davidson, R. C., special agent.....	309.33
Gigleux, E. J., special agent.....	220.00
Graham, T. L., special agent.....	232.00
Huffman, L. J., special agent.....	386.67
McWilliams, J. P., special agent.....	212.00
Moore, J. J., special agent.....	232.00
Orms, G. W., special agent.....	282.67
Plunkett, T. O., special agent.....	483.33
Pruitt, G. H., special agent.....	309.33
Sutton, G. R., special agent.....	290.00
Swaty, D. R., special agent.....	232.00
Terrell, T. B., special agent.....	309.33
Utts, A. J., special agent.....	282.67
Wade, J. A., special agent.....	232.00

Total salaries..... 4,380.00

Field work: Cooperation with practical cotton growers, inspection of demonstration fields, and necessary travel..... 2,007.04

Total expenditures to June 30, 1907..... 6,387.04

Balance available to June 30, 1908..... 33,612.96

40,000.00

## FOREST SERVICE.

*Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Forest Service, 1907, \$112,860."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Pinchot, Gifford.....	Forester, at \$3,500.....	\$3,500.00	\$649.63
McVean, Milton J.....	Clerk, class 4.....	1,800.00	304.05
Satterlee, Jerome B.....	do.....	1,800.00	
Craft, Quincy R.....	Clerk, class 3.....	1,600.00	
Lees, Fred.....	do.....	1,600.00	
Melzar, Ernest A.....	do.....	1,600.00	
Shir-Cliff, Wm. H.....	do.....	1,600.00	
Duffy, John J.....	Clerk, class 2.....	1,400.00	
Fuchs, William R.....	do.....	1,400.00	
Metcalf, Hermon C.....	do.....	1,400.00	56.52
Allen, Fannie M.....	Clerk, class 1.....	1,200.00	
Frost, Edna M.....	do.....	1,200.00	
Williams, Gross H.....	do.....	1,200.00	
Dahl, Arthur L.....	do.....	300.00	137.85
Smith, Albert M.....	do.....	900.00	
Bennett, Ernest A.....	do.....	163.33	
Strause, Florence D.....	do.....	1,036.67	
Helphenstine, R. K., jr.....	Clerk, at \$1,100.....	1,100.00	
Rowden, Charles H.....	do.....	1,100.00	
Simonson, Edith.....	do.....	1,100.00	
Stockbridge, Helen E.....	do.....	1,100.00	
Stoddart, Grace M.....	do.....	1,100.00	
Young, Effie M.....	do.....	1,100.00	
Wiley, Albert A.....	do.....	485.83	
Gage, Charles E.....	do.....	614.17	287.61
Bain, Virginia M.....	Clerk, at \$1,000.....	1,000.00	
Bradford, Virginia P.....	do.....	1,000.00	
Enoch, Henry H.....	do.....	1,000.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Forest Service, 1907, \$112,860"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Gill, Sue McLure.....	Clerk, at \$1,000.....	\$1,000.00	
Latimer, Mary R.....	do.....	1,000.00	
Totten, Sarah G.....	do.....	1,000.00	
Whittleton, Robert R.....	do.....	1,000.00	
Gage, Charles E.....	do.....	441.66	
Mangan, William J.....	do.....	558.33	
Campbell, Robert L.....	do.....	152.77	\$543.59
Anderson, Matthew N.....	do.....	5.56	
Conway, Lillian T.....	do.....	750.00	
Bechtold, Frank E.....	Clerk, at \$900.....	900.00	
Gannett, Mary C.....	do.....	900.00	
Kellerhouse, Lucy C.....	do.....	900.00	
Koschwitz, Anna P.....	do.....	900.00	
Rector, L. Belle.....	do.....	900.00	
Mosher, Edith R.....	do.....	867.50	
Mangan, William J.....	do.....	397.50	
Wiley, Albert A.....	do.....	502.50	
Conway, Lillian T.....	do.....	225.00	
Stabler, Elsie B.....	do.....	675.00	
Parker, Claude I.....	do.....	775.00	
McPherson, L. R.....	do.....	125.00	
Brower, Lula.....	Clerk, at \$800.....	800.00	
Childs, Mary M.....	do.....	800.00	
Cunningham, M. V.....	do.....	800.00	
Echtermann, Martha M.....	do.....	800.00	
Flanagan, Susanna.....	do.....	800.00	
Gartrell, Laura R.....	do.....	800.00	
Hawkins, Cora J.....	do.....	800.00	
Lyddane, Gertrude C.....	do.....	800.00	
McFadden, Stella R.....	do.....	800.00	
Owen, Nina.....	do.....	800.00	
Pickett, Ruby H.....	do.....	800.00	
Rule, Mattie F.....	do.....	800.00	
Ruppel, Albert.....	do.....	800.00	
Seaton, Sarah F.....	do.....	800.00	
Stewart, Lula.....	do.....	800.00	
Meynes, Alice M.....	do.....	684.44	
Stabler, Elsie B.....	do.....	200.00	
Blackley, Belle B.....	do.....	600.00	
McPherson, L. R.....	do.....	688.88	
Ramsaur, Sue W.....	do.....	77.78	
Lattrell, Saidee W.....	do.....	344.44	
Morris, Albert.....	do.....	446.67	
Barksdale, Susie P.....	Clerk, at \$700.....	700.00	
Burnham, Jennie B.....	do.....	700.00	
Emerson, Nellie E.....	do.....	700.00	
Hobgood, Mary L.....	do.....	700.00	
Holberg, Hilda J.....	do.....	700.00	
Kuntz, Celia B.....	do.....	700.00	
Love, Clara F.....	do.....	700.00	
Sanderlin, Fattie.....	do.....	700.00	
Shelton, Rosalie McK.....	do.....	700.00	
Tonks, Ann M.....	do.....	700.00	
Wharton, Georgia E.....	do.....	700.00	
Pryor, Ann A.....	do.....	698.06	
Jackson, Leona.....	do.....	698.06	
Miller, Mary T.....	do.....	624.16	
Ramsaur, Sue W.....	do.....	573.61	
Weaning, Mattie M.....	do.....	97.23	
Loughran, Teresa M.....	do.....	31.11	
DePutron, Edith S.....	do.....	630.01	
Rancke, Lillian V.....	do.....	379.17	
Nordeen, Caroline.....	do.....	320.83	
Morris, Albert.....	do.....	309.16	29.75
Rhode, Rosemary.....	do.....	390.83	
Blackley, Belle B.....	do.....	175.00	
Gordon, Edith F.....	do.....	262.50	
Judson, Blanche A.....	do.....	262.50	
Williams, Lydia A.....	do.....	175.00	
Pence, Zula F.....	do.....	392.78	
Bowne, Grace L.....	Clerk, at \$600.....	600.00	
Carman, Elida M.....	do.....	600.00	
Davies, Alice L.....	do.....	600.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Forest Service, 1907, \$112,860"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Davidson, Augusta B	Clerk at \$600	\$600.00	
Taylor, Jennie	do	600.00	
Felder, Hattie E	do	593.33	
Judson, Blanche A	do	80.00	
Warder, Nannie	do	508.33	
Daniel, Lena A	do	11.67	
DePutron, E. S.	do	60.00	
Robinson, Laura J	do	540.00	
Weaning, M. M.	do	516.67	
Kendig, Laura L	do	83.33	
Rhode, Rosemary	do	265.00	
Goldsmith, G. N.	do	335.00	
Steever, Laura W	do	375.00	
Leech, E. B.	do	225.00	
Allston, M. P.	do	190.00	
Simonson, Marie	do	401.67	
Raison, G. W.	do	40.00	
Hawkins, Anna	do	560.00	
Kolb, Chas. A.	Draftsman, at \$1,800	1,800.00	
Taylor, Chas. L.	Draftsman, at \$1,400	1,400.00	
Witherow, John M.	do	1,400.00	
Noel, J. S.	Draftsman, at \$1,200	1,200.00	
Tripp, Homer F	do	1,200.00	
Gosorn, Chas. B.	Draftsman, at \$1,000	1,000.00	
Kettler, Elise	do	1,000.00	
Coleman, T. C.	do	761.11	
Noel, J. C.	do	238.89	
Dean, Earle S.	do	791.67	
Trembly, Guy T.	do	208.33	
Brenizer, Nellie W	Artist, at \$1,000	1,000.00	
Varela, Arthur G.	Photographer, at \$1,400	1,400.00	\$3.52
Shipp, E. S.	Photographer, at \$1,200	1,200.00	
Blum, Arthur S.	Photographer, at \$1,000	1,000.00	
Speller, Turner R.	Messenger, at \$720	720.00	
Santucci, Joseph	do	719.00	
Brown, Henry D.	Messenger, at \$700	700.00	
Ellis, E. Maude	do	700.00	
Markwood, Wesley	do	700.00	
Marion, Bessie	Messenger, at \$600	600.00	
Garrett, C. W.	do	585.00	
Holland, Willis D.	do	178.33	
Stack, John W.	do	396.67	
Hoffman, Geo. L.	Messenger, at \$400	400.00	
Mansuy, John S.	do	400.00	
Queen, Clifford F.	do	400.00	
Austin, Chas. T.	Carpenter, at \$1,000	1,000.00	
Flaner, John	Carpenter, at \$720	720.00	
Fowler, Geo. V.	Watchman, at \$700	700.00	
Nelson, John E.	do	700.00	
Walter, Wm. L.	do	700.00	
Lee, Robt. E.	Electrician, at \$700	700.00	
McClure, Samuel A.	Skilled laborer, at \$700	591.12	

Total amount of appropriation..... \$112,860.00  
 Total amount paid for salaries..... 112,133.16

Unexpended balance..... 726.84



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Price, Overton W.....	Associate forester, at \$3,000.....	\$3,000.00	\$706.73
Bruce, Eugene S.....	Expert lumberman, at \$3,000.....	3,000.00	1,082.29
Adams, James B.....	General inspector and special fiscal agent, at \$2,700, and assistant forester, at \$3,000.....	2,750.00	906.28
Hall, William L.....	Assistant forester, at \$2,700.....	2,025.00	825.70
Olmsted, Frederick E.....	do.....	2,700.00	1,333.05
Sherrard, Thomas H.....	do.....	2,700.00	1,532.21
Sudworth, George B.....	do.....	2,700.00	193.19
Sterling, Ernest A.....	Assistant forester, at \$2,200.....	1,466.66	964.83
Potter, Albert F.....	Inspector of grazing, at \$2,500, and assistant forester, at \$2,800.....	2,550.00	1,489.60
Clos, William C.....	Inspector of grazing, at \$1,500.....	1,500.00	446.70
Adams, Charles H.....	Inspector of grazing, at \$1,200 and \$1,500.....	1,375.00	790.43
Campbell, Joseph K.....	Inspector of grazing, at \$1,200.....	320.00	97.40
Allen, Edward T.....	Forest inspector, at \$2,400.....	2,400.00	930.72
Benedict, Raymond E.....	Forest inspector, at \$2,000.....	2,000.00	895.25
Bryant, Ralph C.....	do.....	633.33	.....
Chittenden, Alfred K.....	do.....	1,000.00	.....
Shrman, Edward A.....	do.....	500.00	1,279.13
Foley, John.....	Forest inspector, at \$1,900.....	1,609.72	146.98
Koch, Elers.....	Forest inspector, at \$1,700.....	850.00	834.48
Riley, Smith.....	do.....	1,700.00	1,390.98
Hatton, John H.....	Forest inspector, at \$1,600 and \$1,700.....	1,650.00	1,081.23
Carter, Edward E.....	Forest inspector, at \$1,500, and chief of management, at \$2,200.....	1,616.67	1,010.78
Greeley, William B.....	Forest inspector, at \$1,500 and \$1,700.....	633.34	827.07
Bronson, Daniel D.....	Forest inspector, at \$1,400.....	466.67	2,907.24
Redington, Paul G.....	do.....	1,400.00	1,075.15
Du Bois, Coert.....	Assistant forest inspector and forest inspector at \$2,000.....	2,000.00	1,226.84
Crawford, Carl G.....	Assistant forest inspector, at \$1,800, and forest inspector, at \$2,500.....	2,266.67	1,565.78
Grinnell, Henry.....	Assistant forest inspector, at \$1,800.....	750.00	841.58
Clark, Willard W.....	Assistant forest inspector, forest inspector, and forest supervisor, at \$1,700.....	1,700.00	582.51
Tompkins, Harry J.....	Assistant forest inspector, at \$1,700.....	991.66	121.85
Chapman, Charles S.....	Assistant forest inspector, at \$1,600, and chief of organization, at \$2,200.....	1,700.00	905.78
Reed, Franklin W.....	Assistant forest inspector and forest inspector at \$1,600.....	1,600.00	981.48
Clothier, Geo. L.....	Assistant forest inspector, at \$1,600.....	840.01	500.96
Gaskill, Alfred.....	do.....	800.00	786.48
Cox, William T.....	Assistant forest inspector and forest inspector, at \$1,500 and assistant forester, at \$2,400.....	1,650.00	890.47
Spring, Samuel N.....	Assistant forest inspector, at \$1,500, and chief of extension, at \$2,200.....	1,616.67	910.40
La Fountain, W. E.....	Assistant forest inspector, at \$1,500, and assistant lumberman, at \$1,500 and \$1,800.....	1,650.00	1,085.30
Hodge, Wm. C., jr.....	Assistant forest inspector, at \$1,400.....	1,400.00	589.35
Woodward, Karl W.....	do.....	1,400.00	936.39
Homans, G. Morris.....	Assistant forest inspector, at \$1,300, and assistant chief of timber sales, at \$1,700.....	1,366.67	997.15
Woolsey, Theo. S., jr.....	Assistant forest inspector, at \$1,300.....	216.67	966.18
Erickson, Martin J.....	Assistant forest inspector, at \$1,200.....	1,200.00	1,303.78
Holmes, John S.....	do.....	1,200.00	635.28
Silcox, F. A.....	do.....	900.00	404.50
Woodbury, T. D.....	Assistant forest inspector, at \$1,100.....	357.50	550.78
Lull, Gerard B.....	Assistant forest inspector, at \$300.....	300.00	43.60
Zon, Raphael.....	Forest assistant at \$1,500 and chief of silvics, at \$2,000.....	1,583.34	545.17
Miller, Louis C.....	Forest assistant, and assistant forest inspector, at \$1,500, and chief of planting, at \$1,800.....	1,550.00	530.35
Tiemann, Harry D.....	Forest assistant and assistant forest inspector, at \$1,500.....	1,500.00	202.31
Cooper, Albert W.....	Forest assistant, at \$1,500.....	1,012.50	306.69
Maule, William M.....	do.....	112.50	94.40
Peters, J. Girvin.....	do.....	1,500.00	825.86
Kellogg, Royal S.....	Forest assistant, at \$1,400; forest inspector, at \$1,800, and chief of wood utilization, at \$2,000.....	1,633.34	750.13
Weigle, William G.....	Forest assistant, at \$1,400, and assistant chief of management, at \$2,000.....	1,500.00	1,075.91

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Wilson, Robert B.	Forest assistant, at \$1,400	\$700.00	\$832.97
Leavitt, Clyde	Forest assistant, at \$1,300, and assistant chief of organization, at \$1,800.	1,383.33	1,121.14
Record, Samuel J.	Forest assistant, at \$1,300, and chief of reconnaissance, management, at \$1,600.	1,000.01	1,371.30
Lyford, Charles A.	Forest assistant and assistant forest inspector, at \$1,300.	801.66	74.20
Ayres, Robert W.	Forest assistant, at \$1,300	1,300.00	1,018.69
Fetherolf, James M.	do	1,300.00	846.83
Flintham, Stuart J.	do	1,191.66	227.99
Mattson, Wilbur R.	do	1,300.00	1,820.25
Patterson, Allan B.	do	650.00	106.51
Clapp, Earle H.	Forest assistant, at \$1,200, and chief of timber sales, at \$1,700.	1,283.34	706.71
Detwiler, Samuel B.	Forest assistant, at \$1,200, and chief of cooperative extension, at \$1,700.	1,283.34	927.19
Ringland, Arthur C.	Forest assistant, at \$1,200, and chief of reserve boundaries, at \$1,500.	950.00	853.43
Ashe, William W.	Forest assistant, at \$1,200	1,083.33	58.90
Boisen, Anton T.	do	1,200.00	264.17
Buck, Clarence J.	do	600.00	343.76
Dunlap, Frederick	do	1,196.67	526.61
Hale, Harry M.	do	1,200.00	490.36
Harris, Philip T.	do	1,200.00	1,141.81
Hill, Cary L.	do	1,200.00	475.74
Kelleter, Paul D.	do	1,200.00	873.08
Mackaye, Benton.	do	453.33	148.81
Margolin, Louis.	do	1,200.00	611.42
Mell, Clayton D.	do	1,200.00	576.11
Merrill, H. G.	do	1,000.00	358.19
Neel, Harry C.	do	1,166.67	738.90
Nelson, John M., jr.	do	700.00	14.15
Reynolds, R. V. R.	do	1,200.00	609.75
Sherfese, Wm. F.	do	1,200.00	334.94
Sterrett, Wm. D.	do	1,100.00	384.02
Waha, Alpheus O.	do	100.00	133.15
Weiss, Howard F.	do	1,200.00	634.41
White, Leslie L.	do	1,200.00	1,114.43
Miller, Frank G.	Forest assistant, at \$1,200, at \$12, and at \$1,200.	344.63	310.48
Baker, Hugh P.	Forest assistant, at \$1,200, and collaborator, at \$12 per annum.	507.00	750.00
Bond, Jay F.	Forest assistant, at \$1,100	797.50	776.77
Eastman, H. B.	do	1,100.00	257.08
Hadley, Walter B.	do	733.33	700.44
Hodson, Elmer R.	do	1,100.00	728.64
Holroyd, H. B.	do	1,100.00	594.59
Mast, William H.	do	733.33	1,822.07
Piper, William B.	do	366.67	143.30
Rebmann, Jeremiah	do	455.28	.....
Smith, C. Stowell.	do	1,100.00	428.67
Smith, Stanton G.	do	1,100.00	1,331.74
Warner, Joseph D.	do	1,100.00	992.73
Worthley, I. T.	do	1,100.00	832.39
von Bayer, Wm. H.	Forest assistant, at \$1,000, and chief of reconnaissance, extension, at \$1,400.	1,066.67	579.54
Kent, Wm. H. B.	Forest assistant, at \$1,000 and \$1,400	1,200.00	1,591.83
Frothingham, E. H.	Forest assistant, at \$1,000, and chief of compilation, at \$1,200.	1,030.56	88.55
Ames, Fred E.	Forest assistant, at \$1,000	997.23	636.65
Bradfield, Wesley	do	750.00	424.78
Bruins, J. Frank	do	41.67	159.15
Clifford, E. C.	do	666.66	222.89
Coolidge, Philip T.	do	44.44	199.55
Drake, W. M.	do	50.00	259.16
Fromme, Rudo L.	do	41.67	115.95
Galarneau, Dennis C. A.	do	997.23	589.86
Guthrie, John D.	do	1,000.00	1,137.52
Howarth, J. A., Jr.	do	997.23	32.15
Humphrey, C. J.	do	333.34	191.64
Kempfer, Wm. H.	do	83.34	195.42

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Keach, John E.	Forest assistant, at \$1,000	\$1,000.00	\$813.41
Moore, Sydney L.	do	997.23	749.24
Morrell, Fred W.	do	41.67	115.70
Oman, Andrew E.	do	997.23	680.41
Peck, Allen S.	do	900.01	432.98
Phillips, F. J.	do	997.23	825.78
Read, Arthur D.	do	41.67	68.50
Recknagel, A. B.	do	997.23	920.61
Sackett, Homer S.	do	913.89	729.36
Siecke, Eric O.	do	1,000.00	998.15
Stabler, H. O.	do	1,000.00	1,202.93
Stuart, Robt. Y.	do	997.23	875.68
Wentling, J. P.	do	33.33	
White, Wilfred W.	do	41.67	76.45
Person, A. H.	Forest assistant, at \$900	900.00	119.05
Dunston, C. E.	do	40.00	101.30
Akerman, Alfred.	Forest assistant, at \$300	75.00	49.15
Chapman, H. H.	Forest assistant, at \$4.50 per diem	63.00	
Ziegler, Edwin A.	Computer and forest assistant, at \$1,100, and assistant forest inspector, at \$1,300.	1,253.33	174.85
Andrews, Wm. T.	Assistant lumberman, at \$1,500.	375.00	130.05
Baird, John S.	do	375.00	262.33
Burns, Mark.	do	375.00	414.75
Cott, George L.	do	125.00	53.53
Gregg, George P.	do	650.00	213.35
Hughes, John P.	do	375.00	175.80
Salzman, F. X.	do	416.67	224.39
Uhler, Wm. S.	do	375.00	204.94
Smith, Herbert A.	Expert, at \$2,500, and expert and editor, at \$2,700.	2,533.33	454.84
Woodruff, Geo. W.	Expert, at \$2,500	1,819.44	
Shaw, Alexander C.	Classified expert, at \$2,200, and principal examiner, at \$2,500.	2,275.00	855.53
Wells, Philip P.	Expert, at \$1,800 and \$2,200, and expert and law officer, at \$2,700.	2,083.33	243.35
Cleveland, T., jr.	Expert, at \$1,800	1,800.00	
Pullman, R. W.	do	300.00	71.10
Harvey, F. L.	Expert at \$1,600, and expert and chief of claims, at \$1,800.	1,633.33	
Garvin, Thomas J.	Expert and assistant lumberman, at \$1,500	687.50	605.40
Myers, George H.	Expert, at \$1,400	466.66	56.23
Towers, Henry C.	do	1,400.00	
Burns, Findley	Expert, at \$1,200, and expert and chief of publications, at \$1,600.	1,266.67	357.01
Adams, Bristow	Expert, at \$1,200 and \$1,400, and expert and chief of distribution, at \$1,500.	1,300.00	
Arnold, G. S.	Expert, at \$1,200	510.00	
Cronin, P. D.	do	1,153.34	
Parnay, Scrope Y.	Expert, at \$900	675.00	133.43
Bateman, Ernest	do	862.50	18.55
Cary, Austin.	Expert, at \$300	300.00	
Meeham, Hofer S.	Forest expert, at \$1,800	1,800.00	
Joy, F. E.	Forest expert, at \$1,600	1,484.44	560.37
Lukens, Theo. P.	do	133.33	
Hamilton, E. M.	Forest expert, at \$1,500, and assistant lumberman, at \$1,500 and \$1,800.	1,650.00	725.00
Norton, A. J.	do	1,600.00	810.22
von Wernstedt, Lage	Forest expert, at \$1,000	1,000.00	1,347.27
d'Allemand, B. R. H.	Assistant forest expert, at \$500	333.33	81.00
Weitknecht, Robt.	do	125.00	120.97
Haring, Oscar E.	Assistant forest expert, at \$480; topographical draftsman, at \$600; and copyist, topographical draftsman, at \$1,000.	556.67	
Hayes, Wm. D.	Assistant forest expert, at \$480	128.00	99.22
Patton, F. McLeod	Assistant forest expert, at \$400	44.44	
Samson, Arthur W.	Expert in plant ecology, at \$1,200	73.33	100.23
Follock, Geo. F.	Clerk examiner, at \$2,500	659.72	
Leland, John D.	Examiner, at \$2,000	2,000.00	
King, Geo. E.	Clerk, at \$2,000, and fiscal agent, at \$2,200	2,041.67	
Anderson, Geo. G.	Clerk, at \$1,800	1,800.00	
Staley, Wm. F.	Clerk, at \$1,700	89.72	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Tibbott, O. H.	Accountant, at \$1,600	\$1,600.00	
Hill, Harry L.	Clerk to Forester, at \$1,600	1,600.00	\$405.87
Gov, Bernard A.	Clerk, at \$1,600	906.67	
Peyton, J. S.	do	1,600.00	
Strong, Lucy M.	do	1,600.00	
Will, Thomas E.	Clerk, at \$1,500, and collaborator, at \$300	500.00	251.91
Dutrow, B. H.	Clerk, at \$1,400	264.45	
Scott, T. A.	do	416.10	
Squire, Charles H.	do	1,400.00	348.77
Calck, Joseph G.	Property clerk, at \$1,200	166.67	
Adams, Bertha E.	Clerk, at \$1,200	1,200.00	
Campbell, Robt. L.	do	200.00	
Smith, Albert M.	do	123.33	
Strause, Florence D.	Clerk, at \$1,100	149.72	
Anderson, M. N.	Clerk, at \$1,000	236.10	
Blessing, Wm. K.	do	102.78	
Loving, H. I.	do	875.01	
Sherman, Warren F.	do	1,000.00	
Brothers, Chas. S.	Law clerk, at \$900	750.00	61.70
Moorman, Thos. M.	do	750.00	
Pice, Evelyn L.	Clerk, stenographer, and typewriter, at \$900	230.00	
Myers, Evie G.	Clerk, at \$900	900.00	
Stagg, Carrie M.	do	75.00	
Andrews, Bessie M.	Clerk, stenographer, and typewriter, at \$840	67.66	
Fairfax, Lucie E.	Clerk, at \$840	840.00	
Owens, Nelson A.	Clerk, at \$800	46.67	
McLaws, Meta T.	Clerk, stenographer, and typewriter, at \$720	720.00	
Harrison, Louise T.	Clerk, at \$720	720.00	
Munce, Stella W.	do	720.00	
Pfizer, Adele F.	do	720.00	
Rancke, Lillian V.	Translator, at \$700	320.83	
Gonter, Clara H.	Clerk, stenographer, and typewriter, at \$700	112.78	
De Loss, Marion W.	Clerk, typewriter, at \$700	525.00	
Pence, Zula F.	do	307.22	
Baker, Margaret E.	Clerk, stenographer, and typewriter, at \$600	450.00	
Barton, Mabel A.	do	255.00	
Berry, Mabel	do	388.33	
Bryan, Emily F.	do	58.33	
Carpenter, H. F.	do	228.33	
Carter, Susie E.	do	200.00	
Christy, Katherine B.	do	15.00	
Coale, Elsie R.	do	245.00	
Daniel, Lena A.	do	170.00	
Dow, Annie M.	do	210.00	
Eisenstein, J. C.	do	165.00	
Farquhar, Faith	do	180.00	
Gardner, Beryl G.	do	46.67	
Gordon, Edith F.	do	150.00	
Hallam, Monette	do	36.67	
Hansen, Leopaldine	do	58.33	
Holcombe, Laura M.	do	150.00	
Irving, Esther G.	do	400.00	
Judson, B. A.	do	281.67	
Knight, Mabel E.	do	238.33	
Lambert, May A.	do	188.33	
Lazenby, Roselle	do	133.33	
Linell, E. M. A.	do	248.33	
Liscom, Edith D.	do	205.00	
McClinton, C.	do	180.00	
McGregor, L. L.	do	506.67	
McNally, Ella	do	200.00	
McFate, E. L.	do	541.67	
Manderfield, Bina	do	431.67	
Martin, Alice R.	do	448.33	
Maxon, Mary C.	do	200.00	
Monahan, E. C.	do	5.84	
Mullican, Eugenia	do	50.00	
O'Toole, Mary	do	255.00	
Pegram, Anne H.	do	600.00	
Reese, Dora	do	150.00	
Riley, K. M.	do	183.33	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Ruth, Clara.....	Clerk, stenographer, and typewriter, at \$600...	\$540.00	.....
Shirley, Irene F.....	.....do.....	220.00	.....
Shuman, Ursula.....	.....do.....	311.67	.....
Sobotka, Mamie D.....	.....do.....	218.33	.....
Steever, Laura W.....	.....do.....	56.67	.....
Thomson, Mabel G.....	.....do.....	186.67	.....
Webb, Juliet B.....	.....do.....	80.00	.....
Wilson, Jane C.....	.....do.....	300.00	.....
Wood, Lulu C.....	.....do.....	195.00	.....
Womack, Preston.....	.....do.....	210.00	.....
Zinssmeister, Grace M.....	.....do.....	233.33	.....
Anderson, M. F.....	Clerk, typewriter, at \$600 and \$720.....	636.00	.....
Bryan, Lena.....	Clerk, typewriter, at \$600.....	328.33	.....
Chappel, Ethel C.....	.....do.....	471.67	.....
Cramer, Pearl P.....	.....do.....	138.33	.....
Drennon, Edith A.....	.....do.....	130.00	.....
Fant, Judith G.....	.....do.....	511.67	.....
Hartnett, J. M.....	.....do.....	125.00	.....
Hoffman, Ethel T.....	.....do.....	171.67	.....
Marshall, Susan A.....	.....do.....	345.00	.....
O'Leary, K. M.....	.....do.....	530.00	.....
Palmer, J. L.....	.....do.....	110.00	.....
Randal, Goldie M.....	.....do.....	150.00	.....
Rowzee, A. N.....	.....do.....	110.00	.....
Raymond, Mary J.....	.....do.....	21.67	.....
Williams, Katherine.....	.....do.....	570.00	.....
Bailey, Blanche.....	Clerk, at \$600.....	50.00	.....
Baskett, Emily.....	.....do.....	143.33	.....
Blake, F. E.....	.....do.....	50.00	.....
Botkin, H. E.....	.....do.....	50.00	.....
Clark, L. M.....	.....do.....	136.66	.....
Damon, Avis B.....	.....do.....	138.33	.....
Decker, Martha M.....	.....do.....	91.67	.....
Delaplaine, Maude.....	.....do.....	35.00	.....
Dutrow, T. D.....	.....do.....	50.00	.....
Edwardes, Ethel I.....	.....do.....	146.67	.....
Fillebrown, M. W.....	.....do.....	50.00	.....
Fitz Simons, A. C.....	.....do.....	171.67	.....
Foote, Marie.....	.....do.....	150.00	.....
Freeman, J. S.....	.....do.....	50.00	.....
Glascocck, Lora.....	.....do.....	35.00	.....
Harriss, Bertha I.....	.....do.....	148.33	.....
Hosley, Annie A.....	.....do.....	138.33	.....
Huff, Nellie.....	.....do.....	113.33	.....
Hughes, Willie M.....	.....do.....	146.67	.....
Hurst, Mabel.....	.....do.....	5.00	.....
Jacobi, Lydia.....	.....do.....	68.33	.....
Jones, Emily M.....	.....do.....	50.00	.....
Joynt, Minnie L.....	.....do.....	200.00	.....
Kephart, L. B.....	.....do.....	115.00	.....
Kidwell, Violet L.....	.....do.....	115.00	.....
Kimmel, Nettie M.....	.....do.....	91.67	.....
Knode, F. A.....	.....do.....	120.00	.....
Leach, Ethel M.....	.....do.....	145.00	.....
Leland, F. R.....	.....do.....	171.67	.....
Lipphard, M. R.....	.....do.....	45.00	.....
McDaniel, L. D.....	.....do.....	50.00	.....
McDevitt, L. M.....	.....do.....	145.00	.....
McFall, C. B.....	.....do.....	35.00	.....
McGraw, Etta B.....	.....do.....	150.00	.....
McLaurin, S. L.....	.....do.....	600.00	.....
MacFall, M. C.....	.....do.....	35.00	.....
Macfarland, E. M.....	.....do.....	50.00	.....
Miller, Carrie N.....	.....do.....	150.00	.....
Miner, C. C.....	.....do.....	91.67	.....
Nordeen, Caroline.....	.....do.....	156.67	.....
Obermeyer, H. K.....	.....do.....	110.00	.....
Oliver, Julia T.....	.....do.....	50.00	.....
Owen, Mabel M.....	.....do.....	148.33	.....
Palisay, Blanche.....	.....do.....	150.00	.....
Phillips, Emma B.....	.....do.....	118.33	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Phillips, N. W.	Clerk, at \$600.	\$121.67	
Pierce, Marian N.	do.	8.33	
Quigley, Mary E.	do.	91.67	
Smith, Grace C.	do.	143.33	
Speck, A. L.	do.	30.00	
Stein, Hattie.	do.	515.00	
Stewart, Rose A.	do.	110.00	
Tate, Bertha L.	do.	80.00	
Temple, Susan B.	do.	120.00	
Thomas, Grace D.	do.	131.67	
Van Kirk, Lucy.	do.	85.00	
Veasey, E. M.	do.	121.67	
Weedon, M. L.	do.	50.00	
Werts, Mame E.	do.	115.00	
Whean, Jennie Q.	do.	171.67	
Wills, B.	do.	23.33	
Bartmess, E. H.	Clerk, typewriter, at \$480 and \$600.	263.33	
Baker, Maude.	Clerk, at \$480 and \$600.	195.33	
Arnold, Mabel.	Clerk, at \$480.	200.00	
Bernhardt, E. J.	do.	194.67	
Glase, Cornelia.	do.	308.00	
Goldsmith, G. N.	do.	212.00	
Hawkins, Anna.	do.	32.00	
Imhoff, Lillie V.	do.	320.00	
Keating, Edith F.	do.	314.67	
Kendig, Laura L.	do.	386.66	
Lane, Jennie M.	do.	100.00	
Leech, E. B.	do.	300.00	
Montrose, C. T.	do.	9.33	
O'Rourke, Fannie M.	do.	34.67	
Parkinson, E. F.	do.	128.00	
Patterson, H. R.	do.	174.67	
Pennebacker, Rosa C.	do.	192.00	
Platt, Ella M.	do.	133.33	
Riddell, Laura G.	do.	186.67	
Robinson, Laura J.	do.	48.00	
Simonson, Marie.	do.	157.34	
Stilwell, M. S.	do.	168.00	
Walton, Janet I.	do.	190.67	
Warder, Nannie.	do.	64.00	
Bassett, Chas. C.	Topographer, at \$1,800.	140.00	\$97.50
Harrison, Dabney C.	do.	140.00	86.10
Stück, Emil H.	Assistant, at \$1,300.	162.50	
Borgfeldt, R. E. Lee	Artist draftsman, at \$1,200.	420.00	
Hilton, George.	Draftsman, at \$1,000 and \$900.	945.83	
Trembley, Guy T.	Draftsman, at \$1,000, and copyist topographical draftsman, at \$900.	732.77	
Sorensen, A. C.	Draftsman, at \$1,000, and copyist topographical draftsman, at \$600.	611.66	
Bollard, Donald C.	Draftsman, at \$900.	125.00	
Noel, J. C.	Draftsman and copyist topographical draftsman, at \$900.	685.00	
Acker, Sarah L.	Draftsman, at \$600.	600.00	
Habercom, Elsa A.	Topographical draftsman, at \$600.	600.00	
Peyton, H. A.	Copyist, topographical draftsman, at \$900.	225.00	
Thompson, E. R.	do.	17.50	
Barnes, Bessie A.	Copyist, topographical draftsman, at \$600.	150.00	
Cottrell, Laura.	do.	135.00	
Fowler, Annie E.	do.	170.00	
Gosorn, Josie.	do.	135.00	
Hoyle, A. E.	do.	138.33	
Kirtland, A. G.	do.	150.00	
Noyes, Clare B.	do.	281.67	
Stewart, Mary C.	do.	150.00	
Throckmorton, R. C.	do.	126.67	
Waggaman, Josephine.	do.	281.67	
Wilcox, Myrtle O.	do.	146.67	
Jones, C. C.	Photographer, at \$900.	535.00	
Hahn, J. S., jr.	Lithographer, at \$720 and \$900.	845.00	
Faunce, Philip W.	Lithographer helper, at \$600.	218.33	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Pierce, Chas. R.	Forest student, at \$300 and \$1 per diem, and expert, at \$1,200.	\$689.50	\$85.60
Eldredge, I. F.	Forest student, at \$300, and forest assistant, at \$1,000.	865.83	1,409.19
Benedict, J. Y. St. J.	Forest student, at \$300 and \$1 per diem.	110.99	
Oakleaf, Howard B.	Forest student, at \$300, agent, at \$480, and forest student, at \$300.	154.16	129.41
Bard, Geo. Philip	Forest student, at \$300	89.99	71.45
Bradley, L. W.	do.	69.17	
Calkins, Hugh G.	do.	167.50	
Chandler, James M.	do.	32.50	
Davis, Warren O.	do.	150.00	
Foster, John H.	do.	75.00	147.11
Goldsmith, B. C.	do.	168.33	
Halloran, Ralph A.	do.	32.50	
Kümmel, J. F.	do.	93.33	287.26
McGovern, Edw. J.	do.	32.50	
Murphy, Louis S.	do.	58.34	
Pond, Russell G.	do.	227.50	392.50
Preston, John F.	do.	33.33	
Sawyer, Geo. E.	do.	175.00	165.59
Soars, A. G.	do.	32.50	
Smith, S. S.	do.	19.17	
Walker, R. W.	do.	160.83	
Woodruff, E. S.	do.	58.34	
Leslie, Edwin E.	Telephone lineman and repairer, at \$65 per month.	32.00	75.05
Bean, Somerville.	Carpenter, at \$3.50 per diem.	344.75	
Thies, H. H. W.	Carpenter, at \$3.50 per diem and at \$720.	814.50	
Trenary, G. C.	Carpenter, at \$3 per diem.	30.00	
Breen, John.	Painter, at \$3.50 per diem.	304.50	
Carter, Alonzo.	do.	42.00	
Phillips, Wm. L.	do.	175.00	
Goshen, Geo. W.	Messenger, at \$600.	221.67	
Downey, M. J. S.	Messenger boy, at \$360.	150.00	
Goldsberry, T. R.	do.	102.00	
Hickey, J. Albert.	do.	360.00	
Locknane, James M.	do.	360.00	
Miller, M. M.	do.	37.00	
Munchmeyer, Fred.	do.	244.00	
Rogers, Ralph M.	do.	67.00	
Spellbring, J. A.	do.	150.00	
Sudler, Wallace L.	do.	343.00	
Adamson, Consuela.	Skilled laborer, at \$600.	23.33	
Skjoldal, M. A. J.	Skilled laborer, at \$480.	269.33	
Coupard, Charles.	Skilled laborer, at \$40 per month, and lithographer helper, at \$2 per diem.	57.33	
Wright, William.	Laborer, at \$45 per month.	453.00	
Smith, Grant P.	Unskilled laborer, at \$560.	560.00	
Lynch, Thomas.	Unskilled laborer, at \$45 per month and \$1.50 per diem.	84.00	
Rockwell, Horace.	Unskilled laborer, at \$1.50 per diem.	37.50	
Anderson, W. E.	Unskilled laborer, at \$480.	261.33	
Bonds, Jackson.	do.	300.00	
Curtis, C. T.	do.	106.67	
Muzzall, Henry C.	do.	301.33	
Tate, Walter P.	do.	110.67	
Young, William T.	do.	8.00	
Hill, M. A.	Unskilled laborer (charwoman), at \$240.	218.67	
Salisbury, Mary A.	Charwoman, at \$480.	480.00	
Burgess, Emily.	Charwoman, at \$240.	168.00	
Hutchinson, H.	do.	240.00	
McDonald, M. L.	do.	240.00	
Showers, Maggie.	do.	240.00	
Sneed, Martha.	do.	240.00	
Whiting, Annie A.	do.	93.33	
Yates, E. M.	do.	240.00	
Total.		254,756.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Plummer, Fred G.	Civil engineer, at \$2,000 and \$2,200	\$2,033.33	\$254.43
Fitzgerald, C. W.	Surveyor, at \$1,200	520.00	471.30
Hunt, Loren E.	Engineer in timber tests, at \$2,000	1,499.99	301.22
Betts, Harold S.	Engineer in timber tests, at \$1,600	1,600.00	446.15
Cline, McGarvey	Engineer in timber tests, at \$1,200, and chief of wood uses, at \$1,600	1,266.67	938.17
Knapp, Joseph B.	Engineer in timber tests, at \$1,200	1,200.00	603.81
Thelen, Rolf	do	1,200.00	352.18
Wheaton, W. R.	do	1,200.00	118.45
Goss, O. P. M.	Engineer in timber tests, at \$1,100	1,100.00	326.45
Newlin, John A.	do	1,100.00	113.76
Heim, Arthur L.	Engineer in timber tests, at \$1,000	666.67	92.90
Venemann, T. W.	Assistant engineer and testing assistant, at \$800	266.67	.....
Bixby, James Orr	Timber testing assistant, at \$800	35.56	.....
McKenzie, H. E.	Testing assistant, at \$800	35.56	.....
Berry, Cornelius	Agent in timber tests, at \$700	700.00	.....
Hatt, W. K.	Expert, at \$1,000	1,800.00	609.03
Dean, Arthur L.	Expert, at \$1,500	1,500.00	635.83
Bristol, H. S.	Expert, at \$1,200	1,000.00	1,263.80
Geer, W. C.	do	1,150.50	934.01
Sheller, David B.	Superintendent, at \$2,000	166.67	831.90
Miller, Robt. E.	Forest supervisor, at \$2,100	700.00	208.65
Allen, G. F.	Forest supervisor, at \$1,900	158.33	430.46
Pearce, Wm. H.	Forest supervisor, at \$1,800	150.00	350.35
Kneipp, Leon F.	Forest supervisor, at \$1,700	425.00	666.06
Pooler, F. C. W.	do	425.00	490.63
Blair, James A.	Forest supervisor, at \$1,600	533.34	396.84
Bunker, Page S.	do	266.67	555.73
Jones, Zeph.	do	533.34	82.45
Kerr, John	do	400.00	348.47
Mainwaring, Edw. S.	do	533.34	246.68
Russell, Edwin C.	do	533.34	169.14
Farmer, John W.	Forest supervisor, at \$1,500	1,001.00	707.97
Kinney, David G.	do	375.00	204.24
Morrissey, Edw. F.	do	500.00	177.69
Mains, Guy B.	Forest supervisor, at \$1,400	466.67	112.16
Moore, Robert J.	do	350.00	14.03
Rutledge, R. H.	do	466.67	89.90
Torstenson, Nels O.	do	466.67	352.95
Fitton, David E.	Deputy forest supervisor, at \$1,400	303.34	47.28
Marshall, D. S.	do	233.33	374.17
Wyman, Cyrus K.	do	350.00	.....
Nelson, Jesse W.	Deputy forest supervisor, at \$1,200 and \$1,600, and forest supervisor, at \$1,600	484.45	47.00
McKinnon, Wm. R.	Forest ranger, at \$1,400, and assistant lumberman, at \$1,500	491.67	565.20
Barnett, David	Forest ranger, at \$1,400	466.67	254.85
Bentz, Geo. G.	do	466.67	113.00
Hall, Chas. C.	do	464.17	515.19
Harris, Hugh H.	do	466.67	158.30
Hinderer, Chas. H.	do	116.67	126.80
Willson, R. G.	do	116.67	11.90
Woods, C. N.	do	466.67	.....
Blackhall, James.	Forest ranger, at \$1,300	433.34	.....
Kenner, Beauregard	do	433.34	150.40
Thurston, Harry W.	Forest ranger, at \$1,200, and deputy forest ranger, at \$1,400	450.00	83.50
Chidsey, Thomas E.	Forest ranger, at \$1,200 and \$1,400	433.34	27.45
Anderson, Milton J.	do	450.00	55.35
Britten, Ernest	Forest ranger, at \$1,200	300.00	77.75
Callister, T. C.	do	400.00	.....
Ingram, Guy M.	do	400.00	.....
Jones, John D.	do	400.00	.....
McMullin, Chas. E.	do	200.00	152.14
Pogge, Ulrich C.	do	100.00	7.80
Spaulding, T. C.	do	53.33	.....
Spencer, H. L.	do	100.00	.....
Stahl, Carl J.	do	300.00	336.38
Steele, Foster	do	300.00	.....
Whidden, Geo. L.	do	200.00	.....
Whitney, F. D.	do	300.00	126.40

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses
<i>Out of Washington—Cont'd.</i>			
Edmonston, W. D.	Forest ranger, at \$1,080	\$270. 00	\$224. 85
Headley, Roy	Deputy forest ranger, at \$1,100, and deputy forest supervisor, at \$1,200.	388. 61	
Clafin, A. B.	Deputy forest ranger, at \$1,100	366. 67	
Conrad, A. B.	do	91. 66	
Kaufman, Harry S.	do	366. 67	
Rodgers, Robt. A.	do	366. 67	66. 30
Smith, Geo. C.	do	183. 34	
Swim, Clarence B.	do	366. 67	
Kinney, James H.	Deputy forest ranger, at \$1,000, and forest ranger at \$1,200 and \$1,400.	763. 91	317. 77
Alsop, John D.	Deputy forest ranger, at \$1,000	166. 67	
Anderson, Chas. H.	do	333. 34	
Bingham, Wm. F.	do	111. 12	
Blankenship, S. A.	do	166. 67	
Caldwell, Bert F.	do	319. 45	
Edgerton, E. S.	do	325. 01	
Glover, Geo. M.	do	333. 34	
Gardner, Percy	do	253. 34	87. 20
Hall, Henry C.	do	333. 34	
Heavey, Ed. H.	do	333. 34	
Lee, Chas. W.	do	397. 22	
Mortimore, E. E.	do	333. 34	
Moylle, Sydney E.	do	333. 34	
Mullison, Geo. H.	do	166. 67	
Orr, James O.	do	333. 34	
Poole, Chas. G.	do	333. 34	
Raphael, John	do	416. 67	
Reid, John	do	250. 00	
Roberts, Arthur C.	do	333. 34	
Ruff, John H.	do	333. 34	
Shields, John	do	333. 34	
Smith, R. L.	do	416. 67	
Smith, Wm. W.	do	416. 67	
Yarnall, Silas W.	do	333. 34	
Cryder, Wm. W., jr.	Deputy forest ranger, at \$900 and \$1,080, and forest ranger, at \$1,400.	323. 34	4. 38
Green, Olney O.	Deputy forest ranger, at \$900	300. 00	
Smith, John R.	do	90. 00	
Clark, John H.	Assistant forest ranger, at \$900, and forest ranger, at \$1,200.	1, 110. 00	1, 241. 83
Shaw, Ernest W.	do	522. 50	582. 20
Guthrie, Hugh M.	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.	316. 67	
Adams, L. J.	Assistant forest ranger, at \$900	40. 00	
Alverson, John E.	do	215. 00	
Darr, Wm. J.	do	137. 50	
Barstow, G. J.	do	67. 50	
Bayer, Chas. J.	do	300. 00	
Belknap, Geo. E.	do	150. 00	
Bondurant, B. F.	do	75. 00	
Booker, Geo. W.	do	112. 50	
Bourm, Thomas M.	do	300. 00	
Brown, Gilbert D.	do	172. 50	
Brown, Roland W.	do	150. 00	
Brown, Roscoe J.	do	300. 00	\$237. 50
Bryant, Cyrus L.	do	300. 00	
Clark, Jay C.	do	300. 00	
Cochran, J. D.	do	127. 50	
Crawford, F. W.	do	177. 50	
Crossley, Harry E.	do	110. 00	
Dame, Roy	do	252. 50	
David, John E.	do	300. 00	
Durbin, Martin S.	do	150. 00	
Eliason, B. F.	do	240. 00	
Ferguson, John A.	do	150. 00	
Goody, P. L.	do	300. 00	
Graham, Fred.	do	150. 00	
Graham, John, jr.	do	375. 00	
Griffitts, H. H.	do	300. 00	
Harris, Alfred E.	do	300. 00	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Harris, Lee A.	Assistant forest ranger, at \$900	\$225.00	\$823.43
Hastings, Lucas W.	do.	150.00	
Haun, Frank D.	do.	240.00	
Hays, John W., jr.	do.	310.00	
Heilman, Benj. C.	do.	75.00	110.73
Hoge, Wm. B.	do.	75.00	8.05
Kertz, Chas. H.	do.	300.00	
Lantry, V. G., jr.	do.	300.00	
Lyon, Robt. G.	do.	120.00	
McCullough, Wm. A.	do.	75.00	
McGhie, Wm. M.	do.	300.00	
Martin, Geo. E.	do.	150.00	
Mason, W. G.	do.	290.00	
Mundell, Lewis J.	do.	40.00	11.65
Myers, Lester S.	do.	150.00	
Neal, Arthur M.	do.	115.00	
Neff, Wm. C.	do.	265.00	
Nielson, Oluf G.	do.	202.50	
Park, Chas. H.	do.	75.00	
Parke, Morgan.	do.	40.00	
Patterson, Chas. F.	do.	300.00	
Perkins, John E.	do.	287.50	
Peterson, Lehl, jr.	do.	237.50	
Peterson, Peter G.	do.	300.00	
Philips, Ress.	do.	75.00	40.70
Riis, John.	do.	297.50	
Rollinson, J. K.	do.	225.00	
Rose, Hyrum O.	do.	300.00	
Rosecrans, R.	do.	375.00	
Sandercreek, B. F.	do.	72.50	
Skinner, Wm. D.	do.	75.00	
Smith, Charles.	do.	300.00	
Smith, Glen A.	do.	300.00	
Sparhawk, Frank O.	do.	147.50	
Stahl, Edw. G.	do.	300.00	
Stephenson, Elmer E.	do.	67.50	
Swan, William.	do.	300.00	
Thompson, James M.	do.	97.50	
Tremewan, C. S.	do.	327.50	
Walker, Albert B.	do.	300.00	
West, John C.	do.	300.00	
Whiting, John K.	do.	300.00	
Winn, Frederic.	do.	282.50	
Young, Carl H.	do.	150.00	
Arnold, Asa G.	Forest guard, at \$900.	65.00	
Baker, G. A.	do.	250.00	
Beam, Chas. A.	do.	40.00	
Billings, Jay.	do.	220.00	
Brady, James.	do.	177.50	
Brewster, F. C.	do.	115.00	
Brock, Wm. H.	do.	10.00	
Buol, Frank A.	do.	243.75	
Bushnell, R. H.	do.	52.50	
Buster, Monty E.	do.	202.50	
Butler, Frank M.	do.	127.50	
Butterfield, Wm. C.	do.	45.00	
Cadle, Theodore.	do.	75.00	
Cockrell, Ora.	do.	232.50	
Cook, John H.	do.	225.00	
Darley, Wm. M.	do.	2.50	
Dewitt, Jessie.	do.	75.00	
Dingley, R. G.	do.	32.50	
Edson, Gordon.	do.	137.50	86.35
Edwards, Eli.	do.	137.50	
Elder, Jason S.	do.	225.00	
Ellis, J. W.	do.	127.50	
Fleming, James W.	do.	75.00	
Fuller, J. S.	do.	30.00	
Gaslin, J. A.	do.	132.50	
Giddings, J. G.	do.	167.50	
Gilbreath, E. R.	do.	167.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gillies, Robt.	Forest guard, at \$900.	\$187.50	
Gilmore, David B.	do.	200.00	
Greve, T. W.	do.	40.00	
Hall, W. A.	do.	62.50	
Hammersley, W. R.	do.	225.00	
Hammeck, L. D.	do.	82.50	
Hart, Fred G.	do.	210.00	
Herrington, T. E.	do.	115.00	
Houghland, H. W.	do.	115.00	
Hurd, Herbert L.	do.	75.00	
Jackson, A. L.	do.	17.50	
Jackson, R. B.	do.	115.00	
Johnson, James H.	do.	115.00	
Kennington, J. H.	do.	127.50	
Leach, Geo. E.	do.	75.00	
Lewis, Melvin M.	do.	222.50	
Lewis, R. O.	do.	75.00	
McCully, William	do.	225.00	
McNamara, Bert A.	do.	150.00	
McNamara, J. H.	do.	207.50	
McPhail, J. S.	do.	127.50	
Mallery, W. A.	do.	75.00	
Mathews, Harry E.	do.	292.50	
Merrill, Fred	do.	220.00	
Morrison, D. R.	do.	167.50	
Moulton, W. A.	do.	75.00	
Musgrave, M. E.	do.	225.00	
Neal, Leo	do.	172.50	
Nelson, Leo J.	do.	115.00	
Nichols, Geo.	do.	105.00	
Oliver, Wm. L.	do.	165.00	
Patterson, W. J.	do.	25.00	
Phillips, Bert G.	do.	137.50	
Postel, Wm. O.	do.	137.50	
Radigan, Arthur	do.	115.00	
Ranney, Geo. F.	do.	52.50	
Robinson, Daniel	do.	40.00	
Roddy, Michael	do.	10.00	
Rogerson, Edward	do.	20.00	
Scott, T. C.	do.	17.50	
Shy, James D.	do.	40.00	
Sloat, A. L.	do.	237.50	
Soards, Roysten J.	do.	225.00	
Spackman, Chas. A.	do.	127.50	
Stafford, Orloff A.	do.	75.00	
Sweetland, R. W.	do.	115.00	
Theurer, David O.	do.	190.00	\$1.25
Thomas, T. P.	do.	25.00	
Van Dyk, G. M.	do.	162.50	
Walkley, Chas. C.	do.	15.00	
Wilson, Emery E.	do.	150.00	
Woodward, C. L.	do.	145.00	
Woodriddle, Geo. L.	do.	285.00	
Wright, Sylvanus	do.	207.50	
Merrill, W. A.	Forest guard, at \$720, and assistant forest ranger, at \$1,100.	204.72	
Allen, Grover A.	Forest guard, at \$720 and \$900.	270.00	
Briggs, W. A.	do.	242.50	
Christensen, A.	do.	135.00	
Crawford, Chipman L.	do.	270.00	
Debitt, R. M.	do.	270.00	
De Lany, H. E.	do.	226.00	
Rowley, R. F.	do.	270.00	
Snider, H. R.	do.	270.00	
Uhlman, Fred	do.	270.00	
Williams, J. V.	do.	145.00	
Yerkes, H. B.	do.	255.00	16.70
Abbott, Carl L.	Forest guard at \$720	300.00	
Andreasen, A. L.	do.	152.00	
Arentson, Carl B.	do.	220.00	
Ayres, Frank	do.	38.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bass, Daniel E.	Forest guard, at \$720.	\$24.00	
Blocker, Sam A.	do.	48.00	
Bockman, F. E.	do.	120.00	
Bolen, J. H.	do.	60.00	
Boynes, Wm. B.	do.	196.00	
Bradford, Fred M.	do.	38.00	
Brann, Frank R.	do.	40.00	
Brewer, J. L.	do.	106.00	
Buck, L. L.	do.	48.00	
Bush, Frank H.	do.	120.00	
Callahan, T. J.	do.	180.00	
Carl, Fred W.	do.	174.00	
Cathey, A. J.	do.	20.00	
Chisholm, C. C.	do.	26.00	
Christensen, E. M.	do.	120.00	
Cluff, Harvey M.	do.	212.00	
Cody, James.	do.	120.00	
Cole, Frank P.	do.	204.00	
Collins, Stanley.	do.	66.00	
D'Ewart, Robt. A.	do.	60.00	
Divine, E. S.	do.	240.00	
Douglass, C. M.	do.	94.00	
Drew, N. B.	do.	76.00	
Flynn, James P.	do.	60.00	
Foster, S. T.	do.	240.00	
Gatlin, Albert A.	do.	240.00	
Gerrish, H. D.	do.	172.00	
Gilkey, Sylvester.	do.	240.00	
Green, Hugh H.	do.	42.00	
Hawkins, Lewis.	do.	38.00	
Hilderbrand, L. T.	do.	50.00	
Holmes, E. T.	do.	124.00	
Jack, F. M.	do.	60.00	
Jamison, James H.	do.	60.00	
Jennings, Henry L.	do.	96.00	
Johnson, Wm. P.	do.	48.00	
Johnston, Wm. F.	do.	120.00	
Jones, John.	do.	48.00	
Jones, Rees V.	do.	150.00	
Long, H. H.	do.	206.00	
Longwell, T. B.	do.	48.00	
Lowery, Fred R.	do.	120.00	
Lucas, Roy.	do.	82.00	
McDonald, Wm. J.	do.	166.00	
McGuinness, John B.	do.	124.00	
McKnight, J. T.	do.	152.00	
Maelzer, Julius G.	do.	50.00	
Mapes, Homer J.	do.	124.00	
Marshall, Chas.	do.	120.00	
Martinez, Dario.	do.	240.00	
Moody, Arthur E.	do.	188.00	
Moore, Robt. B.	do.	80.00	
Moore, Wm. E.	do.	240.00	
Morrissey, E. H.	do.	106.00	
New, John.	do.	56.00	
Nibley, Cyrus.	do.	60.00	
Parker, Edgar.	do.	8.00	
Pelton, James.	do.	174.00	
Petit, F. P.	do.	60.00	
Plowman, John R.	do.	50.00	
Pradt, Geo. K.	do.	224.00	
Quinn, James E.	do.	78.00	
Ray, C. W.	do.	60.00	
Raymond, W. A.	do.	120.00	
Rogers, J. H.	do.	118.00	
Rogers, Perry R.	do.	96.00	
Ryan, W. J.	do.	60.00	
Sanders, A. J.	do.	64.00	
Sargent, James H.	do.	224.00	
Sellers, Oliver S.	do.	200.00	
Shanafelt, Wm. H.	do.	88.00	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Sherman, J. H.	Forest guard, at \$720.	\$156.00	
Smith, Geo. L.	do.	120.00	
Smith, Ralph A.	do.	54.00	
Snyder, Artman	do.	120.00	
Spencer, J. S.	do.	125.00	
Squires, G. E.	do.	138.00	
Thomas, Roy E.	do.	52.00	
Tobias, Ross S.	do.	138.00	
Vinal, L. F.	do.	120.00	
Webber, H. B.	do.	120.00	
Weir, Fred.	do.	184.00	
Yates, Ora E.	do.	240.00	
York, C. Roy	do.	152.00	
Young, R. W.	do.	120.00	
Zumwalt, A. B.	do.	24.00	
Scott, Chas. A.	Forest assistant, at \$1,300, and forest supervisor, at \$1,500.	783.90	\$1,978.96
Peavy, Geo. W.	Forest assistant, at \$1,300.	1,300.00	2,660.05
Cecil, Geo. H.	Forest assistant, at \$1,200, and \$1.25 per diem and at \$1,200.	337.50	198.00
Morrill, Walter J.	Forest assistant, at \$1,200 and \$1,200 and \$1.25 per diem.	720.00	538.52
Foster, Harold D.	Forest assistant, at \$1,100 and \$1.25 per diem.	647.08	191.40
Allison, John H.	Forest assistant, at \$1,000 and \$1.50 per diem.	41.67	109.60
Rodman, Douglas	do.	449.56	89.70
Studley, Horace F.	Forest assistant, at \$1,000 and \$1.25 per diem, at \$1,000 and \$1.50 per diem.	485.34	630.98
Flory, Chas. H.	Forest assistant, at \$1,000 and \$1.25 per diem.	170.83	225.52
Hammatt, Richard F.	do.	519.17	275.15
Kirkland, Burt P.	do.	284.59	81.75
Skeels, Dorr	do.	519.18	83.55
Jardine, James T.	Special agent, at \$1,800.	130.00	60.10
Mills, Enos A.	Forest agent, at \$1,800.	760.00	730.17
Bruce, Grant	Forest agent, at \$1,100.	1,100.00	
Edmunds, P. D.	Forest agent, at \$900.	167.50	19.17
Klarpp, Frank	do.	750.00	306.10
Kupfer, Carl A.	Forest agent, at \$800.	66.67	109.11
Paul, H. A.	do.	800.00	
Parmelee, D. C.	Forest agent, at \$750.	731.25	
Durbin, W. G.	Forest agent, at \$720.	720.00	570.46
Jensen, M. C.	do.	682.00	419.67
Feagin, Chas. E.	Forest agent, at \$700.	169.16	
Bentley, John, jr.	Forest agent, at \$600.	75.00	81.42
Weber, W. Hoyt.	do.	75.00	77.84
Bosley, La Moree.	Forest agent, at \$420.	113.17	211.46
Whitten, Robt. H.	Agent, at \$15 per month.	98.00	
Maxwell, H.	Forest agent, at \$1 per annum, and expert, at \$2,000.	261.18	18.71
Wedemeyer, J. T.	Agent, at \$1 per month, and inspector of grazing, at \$1,200.	1,050.50	744.45
Haynie, Frank.	Clerk, at \$1,000.	66.66	
Montgomery, E. F.	do.	250.00	
Fish, F. A.	Clerk, stenographer, and typewriter, at \$900.	170.00	
Porter, Harry W.	do.	525.00	111.25
Woodman, U. M.	do.	75.00	
Ely, Miles W.	Clerk, at \$900.	845.00	
Cannon, Ollie.	Clerk, stenographer, and typewriter, at \$720.	20.00	
Metcalf, Vern.	do.	68.00	
Jacobs, Lester B.	Stenographer and typewriter, at \$60 per month.	82.00	
Jensen, M. E.	Clerk, stenographer, and typewriter, at \$40 per month.	80.00	
Hadden, Selma A.	Clerk, stenographer, and typewriter, at \$300.	268.33	
Middlekoff, E. L.	Stenographer and typewriter, at \$300.	125.00	
Griffith, E. M.	Collaborator, at \$500.	500.00	521.79
Herring, W. E.	Collaborator, at \$300, constructing engineer, at \$2,000, and chief of engineering, at \$2,400.	1,344.72	436.90
Besley, Fred W.	Collaborator, at \$300.	300.00	
Bessey, Chas. E.	do.	300.00	
Bray, Wm. L.	do.	300.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Dickson, Wm. S.	Collaborator, at \$300	\$150.00	
Dudley, Wm. R.	do	300.00	
Fox, Wm. F.	do	300.00	
Graves, Henry S.	do	200.00	\$42.75
Hosmer, Ralph S.	do	300.00	
Jepson, Willis L.	do	300.00	
Johnston, Geo. A.	do	150.00	
Little A. D.	do	300.00	
Mason, Silas C.	do	115.83	
Smith, Geo. K.	do	300.00	
Toumey, James W.	do	300.00	
Crocker, F. B.	Collaborator, at \$5 per diem	25.00	
Deems, J. F.	do	35.00	
Dudley, Chas. B.	do	25.00	
Goss, Wm. F. M.	do	140.00	
Hexamer, Chas. A.	do	20.00	
Hunt, Robt. W.	do	47.50	
Kelley, H. G.	do	30.00	
Total		112, 138. 03	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Abraham & Karsky Co.	\$3. 50	Swayze, W. L.	\$3, 676. 86
Amberg File & Index Co.	76. 94	Saturn Co., Samuel C.	. 35
American Lead Pencil Co.	43. 16	Typewriter and Office Supply Co.	19. 00
Andrews Paper Co., R. P.	2, 761. 38	Underwood Typewriter Co.	28. 38
Ballantyne, R. Carter	6, 212. 66	Union Envelope Co.	1, 743. 28
Barker, J. V.	2. 00	United States Envelope Co.	4, 759. 83
Bushnell Co., Alvah	50. 50	Valentine Stamp Co.	10. 50
Curtiss & Bradley	6. 65	Walker, J. W.	3. 60
District of Columbia Paper Manufacturing Co.	77. 40	Woodward & Lothrop.	5. 50
Eagle Pencil Co.	64. 27	Yawman & Erbe Manufacturing Co.	1, 827. 05
Elliott-Fisher Co.	10. 50	Total	27, 218. 36
Johnston & Co., Wm. G.	65. 00	<i>Miscellaneous supplies, etc.</i>	
Katzenstein & Co., Otto	12. 50	Abbott, Carl L.	4. 00
Keuffel & Esser Co.	333. 30	Abbott, E. H.	29. 68
Killian Co., Geo. P.	123. 00	Abercrombie & Fitch Co.	34. 50
Lamb & Tilden.	186. 34	Abraham & Karsky Co.	6. 65
Library Bureau	605. 45	Ackerman, J. Q.	22. 74
Lincoln, Fred S.	435. 88	Adams, Albert.	7. 50
Lindemeyr, Philip	34. 40	Adams, A. J.	137. 50
Monarch Typewriter Co.	25. 50	Adams, Geo. H.	16. 45
Moore Co., The.	1. 00	Adams, James.	16. 25
Morrison Paper Co., E.	7. 10	Adair, Wm. L.	15. 00
Newman, E. S.	5. 50	Adkins, Jesse T.	12. 50
Oliver Typewriter Co.	6. 50	Age-Sentinel.	6. 00
Olney Hardware Co.	2. 15	Ainsworth & Sons, Wm.	12. 68
Parker, D. Frank	1, 720. 55	Alba, J.	47. 90
Rau, John C.	1. 30	Albrecht, Jacob	10. 60
Remington Typewriter Co.	837. 77	Alires, Hilario	15. 00
Schmid, Edw. S.	1. 50	Allen, Clarence L.	54. 00
Schmidt, Fred A.	3. 10	Allen, J. C.	11. 00
Sharp & Sons, F.	278. 40	Allen, Maynard E.	19. 05
Smith, W. E.	1. 25	Allen Gold Mining Co.	309. 25
Smith Premier Typewriter Co.	4. 50	Alles, Conrad.	4. 00
Stockett-Fiske Co., The	931. 39	Allred, Orson P.	53. 00
Storms Co., H. M.	150. 00		
Stott & Co., Chas. G.	61. 67		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Aloe Company, A. S. ....	\$8. 50	Barnstead Pure Water Still Co. ....	\$8. 00
Alpha Hardware and Supply Co. ....	2. 40	Barr, A. J. ....	34. 00
Alsop, John D. ....	15. 00	Barrett, Arthur C. ....	94. 00
Alturas Plaindealer. ....	29. 50	Barrett Hicks Co. ....	75. 10
Amador Ledger. ....	3. 25	Barry, S. B. ....	2. 25
Amann, Harry. ....	13. 50	Bartlett, Arthur W. ....	132. 02
Amberg File and Index Co. ....	30. 00	Bartlett, Chas. R. ....	24. 00
Ambrose, J. W. ....	110. 00	Basche-Sage Hardware Co. ....	36. 70
American Hardware Co. ....	78. 55	Bassett Lumber Co. ....	116. 02
American Lumberman. ....	22. 32	Bates, B. W. ....	3. 50
American Printing Co. ....	9. 50	Bates, Carlos G. ....	32. 50
American Shading Machine Co. ....	100. 00	Bates, G. M. ....	66. 00
American Stave and Cooperage Co. ....	6. 99	Bates, James G. ....	6. 20
American Steel and Wire Co. ....	22,713. 34	Bates Manufacturing Co. ....	2. 70
Anaconda Copper Mining Co. ....	84. 65	Baumgarten, Herman. ....	19. 90
Anaconda Standard. ....	58. 80	Baumgarten & Sons, J. ....	46. 25
Anderson, Jno. W. ....	2. 00	Bausch & Lomb Optical Co. ....	50. 50
Anderson, R. J. ....	6. 20	Beach & Wellman. ....	115. 05
Anderson, William. ....	20. 00	Beager, Albert G. ....	40. 00
Anderson & Baker. ....	69. 10	Beal, Orion Lester. ....	2. 50
Anderson Lumber and Hardware Co. ....	27. 65	Beamish, Wm. H. ....	27. 35
Andreway, L. ....	5. 90	Bean Hardware Co., A. B. ....	49. 90
Andrews, F. K. ....	89. 66	Beardslear, George. ....	1. 50
Andrews, Martin. ....	9. 75	Beaton, R. A. ....	12. 00
Andrews Paper Co., R. P. ....	48. 50	Beaver Equitable Corp. ....	1. 60
Angus, Joseph. ....	47. 00	Beck, Bert. ....	10. 00
Ankney, C. E. ....	8. 00	Becker, Conrad. ....	59. 00
Anthony & Scoville Co. ....	58. 68	Becker & Co., Chas. ....	22. 95
Anton, J. C. ....	18. 75	Becker, Gustav. ....	7. 25
Appell Co., Adam. ....	90. 00	Bedell, Amelia. ....	103. 83
Apple, G. W. ....	127. 11	Bee Publishing Co. ....	16. 50
Aragon, Jose E. ....	12. 00	Beebe Lumber Co. ....	10. 00
Archer, Mervine W. ....	51. 00	Beggs, A. L. ....	20. 00
Arizona C. M. I. ....	22. 15	Beggs, J. G. ....	22. 88
Arizona Publishing Co. ....	2. 40	Behrman, William M. ....	63. 00
Arlington Times. ....	7. 35	Bell, Golden W. ....	27. 00
Armour, James. ....	8. 00	Bell, J. R. ....	29. 82
Armour & Co. ....	255. 99	Belt Valley Times Co. ....	11. 50
Arntzen, Valdemar. ....	36. 20	Benner, H. L. ....	1. 25
Ashland Tidings. ....	2. 75	Bennett, Bertha. ....	10. 00
Ashley & Co. ....	41. 97	Bennett, Howard R. ....	4. 00
Ashlock, Norman S. ....	320. 00	Bennett, Thos. R. ....	17. 50
Atlanta Mercantile Co. (Limited). ....	5. 23	Benson, R. C. ....	19. 00
Atwater, Chas. ....	40. 00	Bentel & Margedant Co., The. ....	4. 00
Auk, Samuel. ....	7. 50	Bentilla, Matt. ....	1. 50
Ault & Wieberg Co. ....	14. 00	Berea College. ....	49. 54
Austin, Ben F. ....	40. 00	Berg, H. ....	3. 15
Ayres, F. P. ....	15. 00	Berger, James. ....	63. 00
Ayres & Co., Geo. V. ....	58. 55	Berglean, Jno. ....	18. 00
Ayres, James. ....	15. 00	Bernard, M. T. ....	10. 50
Babbitt Bros. ....	74. 84	Bernard, Virile. ....	17. 50
Baer, Cornelius. ....	15. 75	Berray, James J. ....	260. 00
Bagby, Mrs. I. ....	4. 80	Berry, C. H. ....	75. 00
Baird, Ben. ....	583. 00	Berry, Charles. ....	10. 00
Baker, Ben. ....	24. 35	Berry, Marcus. ....	66. 00
Baker, Mary F. ....	2. 50	Berryman, J. F. ....	4. 50
Baker, Brenner & McAnally. ....	16. 55	Besecker, Ray. ....	33. 00
Baker City Herald. ....	14. 00	Betts, Norman De Witt. ....	135. 00
Bakersfield Hardware Co. ....	85. 00	Betz, Geo. ....	5. 44
Balades, G. ....	47. 90	Bickel, Geo. L. ....	10. 90
Baldwin, Charlie. ....	10. 00	Biegel & Scoble. ....	8. 00
Balfour, E. P. ....	6. 00	Biegert, J. C. ....	40. 45
Ballantyne, R. Carter. ....	370. 79	Bigelow, J. A. ....	44. 54
Ballantyne & Sons, Wm. ....	1. 77	Big Hole Breezes. ....	6. 50
Ballard, Phillip. ....	18. 10	Billings, M. E. ....	26. 00
Bandera Americana Co. ....	6. 00	Bimerick, Henry. ....	7. 50
Barber, L. J. ....	2. 00	Bisbee, Daniel. ....	94. 00
Barber & Ross. ....	423. 24	Bishop, F. L. ....	32. 75
Barclay, I. J. ....	22. 00	Bishop, Joseph. ....	19. 00
Bardin, Bud. ....	15. 00	Bishop, Walter C. ....	15. 50
Bardin, Lee. ....	17. 50	Bixby, James Orr. ....	118. 00
Barker, J. V. ....	13. 68	Blade Publishing Co. ....	4. 00
Barker, S. L. ....	25. 00	Blair Camera Co. ....	3. 50
Barker, W. C. ....	2. 40	Blake, F. G. ....	42. 00
Barnes & Son, G. S. ....	203. 08	Blakeley, Wm. H. ....	54. 50
Barnett, George. ....	10. 00	Blanc, Fred L. ....	82. 50
Barney, Thomas A. ....	20. 00	Blankenship, Harry C. ....	17. 50



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Blathernick, J. A.	\$16.00	Brownell Bros. Co. (Limited)	\$28.75
Bletcher, Maitland B.	20.00	Bryant, E. F.	24.00
Blinman Co., The Fred.	22.30	Bryant & Trott Co.	29.40
Blinn Lumber Co., The L. W.	592.78	Buckhouse, J. D.	7.50
Block-Miller Lumber Co.	134.66	Buckley, Arthur F.	12.50
Blodgett, B. F.	52.35	Budd & Sons, D. B.	23.75
Blue Lake Advocate.	2.50	Buenzle, Henry	95.50
Blue Mountain American.	25.60	Buffalo Bulletin	7.84
Boalich, E. S.	16.75	Buffalo Hardware Co., The.	3.00
Boehmer & Co., L.	11.39	Buffalo Voice	2.99
Boeske-Dawe Co.	89.70	Bullard, F. A.	10.00
Boesel, Carl.	5.00	Bundy, E.	10.00
Bohnenkamp Co., W. H.	151.09	Bunnell, S. A.	24.00
Boise Commission Co.	1.50	Burch & Co., F. J.	11.00
Boise Republican.	6.90	Burd, Eli M.	55.90
Bond, Spencer	55.00	Burden, Fred G.	19.50
Bonebrake, Geo. A.	40.00	Burke & James	12.47
Bonner, A. W.	6.33	Burmister & Sons Co., R. H.	21.40
Bonner Lumber Co.	155.82	Burnett Sons	25.00
Bonner Mercantile Co.	13.15	Burnheim, M.	10.38
Bonnors Ferry Lumber Co. (Limited)	70.80	Burnett, E. A. (director Nebraska Experiment Station)	68.50
Bool, Chas.	17.55	Burton & Son, R. C. M.	215.20
Boothe, Creston L.	56.25	Bush, L. S.	31.85
Boothe, Frank	56.25	Busher, Louis	5.00
Borden, Allen	26.00	Bushnell Co., Alyah	40.00
Boulware, Robt.	22.00	Bushnell, Bernice	35.00
Bowen, J. C.	299.32	Bushnell, J. B.	15.05
Bowen, R. E.	29.00	Butler, Emil	23.75
Bowen, W. Jones	19.00	Butler, J. B.	28.00
Bowles, E. C.	24.75	Butler, Jas. P.	35.00
Bowman & Co.	30.60	Butler Co., W. H.	1.00
Boyce, Ernest	7.00	Butte and Boulder Mining Co.	39.00
Boyce, George	8.00	Byer, Wm. H.	7.00
Boyes, Wm. B.	30.00	Byrne & Co., John	226.50
Boyle, Cy.	300.00	Cahoon, Leon L.	232.14
Brackett, Burt	11.50	Caldwell, Mrs. Dan.	34.80
Bradford, C. A.	12.50	Caldwell, T. J.	24.32
Bradford, May Cody	5.00	California Hot Springs Co.	173.24
Bradford, T. C.	160.00	Calkins, Donald J.	168.75
Bradley, C. C.	21.40	Calkins, Hugh G.	42.00
Bradley, Walter H.	15.00	Callaghan & Co.	6.00
Brady, Chas. E.	75.00	Calley, J. D.	10.00
Brainard, John C.	9.00	Callow, Fred B.	1.70
Brandon, W. F.	8.57	Camas Prairie Courier	1.50
Braun, Frank R., jr.	64.00	Cameron, A. A.	44.25
Breen, John	10.00	Canova, G.	12.75
Breeze Publishing Co.	1.43	Cantral, Omar	35.63
Brennan, Joe	20.00	Canyon City Commercial Co.	41.81
Brentano's	682.00	Cape, Mabel G.	2.00
Bringham, J. T.	12.00	Capital Traction Co.	160.00
Britten, Ernest	65.00	Capitan News	18.60
Brizard (Incorporated), A.	85.25	Capps, Wilson A.	11.25
Broadwater County Hardware Co.	106.99	Carbon Timber Co.	431.67
Brockenberry, Alfred	19.95	Carbonate Chronicle	21.50
Brookings Lumber and Box Co.	61.41	Carbondale Item	2.60
Brooks, Fred	6.00	Caretti, Joseph	40.50
Brooks, Rufus C.	2.50	Carlin, F. W.	31.60
Brown Co., The A.	429.13	Carlson Lusk Hardware Co. (Limited)	158.28
Brown, A. E.	10.25	Carlton & Noble	33.22
Brown, A. R.	13.00	Carmody, Mary	18.00
Brown, Brady	13.50	Carr, James E.	20.00
Brown, Clifford W.	7.50	Carter, E. E.	9.50
Brown, Earl	23.75	Carter, J. S.	100.18
Brown, Earl J.	8.75	Carter, Warner & Co.	40.15
Brown, J. E.	8.00	Cary Hardware Co.	11.27
Brown, Mrs. J. E.	33.60	Cassia County Times	2.29
Brown, John F.	62.50	Castle, F. J.	6.35
Brown, J. F.	4.67	Catlin Co., Elmer H.	2.70
Brown, Mortimer Joy	24.00	Cavanaugh, E. B.	53.55
Brown, O. R.	5.80	Cearley, C. T.	34.40
Brown, Rufus F.	70.00	Central Laboratory Supply Co.	19.00
Brown, William	48.00	Central Lumber Co.	11.55
Brown, William J.	6.00	Century Camera Co.	940.10
Brown, W. F.	12.00	Chamberlain & Hawkins	22.35
Brown, W. M.	37.10	Charbonneau, Chas.	52.50
Brown & Sons, N.	20.75	Charette, Geo. W.	6.60
Brown-Wales Co.	12.14		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Chart, Harry	\$7.50	Cooper, Francis	\$90.00
Chase, Wm.	130.00	Cooper, J. W.	21.00
Chatfield, Bert	44.00	Cooper, Theodore E.	21.30
Chelan Hardware and Furniture Co.	24.58	Cooperative Drug Co.	3.50
Chelan Leader	12.00	Copeland Co., M. G.	89.00
Chester Lumber Co.	14.00	Copenhaver, Geo.	45.50
Chicago Herald Co.	162.00	Copp, H. H.	12.00
Chicago Lumber Co. of Omaha, The	1,894.30	Corbett, Geo. E.	199.63
Childs, J. W.	6.00	Corbett, T. W.	145.33
Chisholm, John	13.75	Corbett, W. J.	203.40
Charlson Bros.	79.19	Cordova, Juan	19.50
Choteau Acantha	23.65	Cosgrove, E.	340.87
Christensen, Alfred	10.00	Cosper, J. R.	3.25
Christensen, Heber	46.00	Costar, R. A.	78.50
Christie, William	10.00	Cotton, Jas. S.	51.12
Chronicle Publishing Co.	54.40	Cotton, John	60.00
Church & Stephenson	1,363.33	Coty, Geo.	148.00
Churchill, F. H.	51.60	Couch, Edmund	22.50
Citizen Printing and Publishing Co.	5.60	Coulter, H. K.	3.50
Citizen Publishing Co.	15.60	Coumbs, J. H.	8.50
City of Boston (water department)	25.20	Council Tool Co.	6.70
City Meat Market	2.35	Courier Press	14.70
Clabby, Emmett	98.00	Courier Printing and Publishing Co.	23.60
Clack, John H.	99.43	Covelo Review	3.60
Claffin Optical Co.	2.00	Cowley, E. J.	120.00
Clark, A. F.	30.00	Cox, W. S.	222.66
Clark, Arthur M.	19.25	Coy, H. G.	24.55
Clark, C. E.	15.00	Crab, Henry	26.84
Clark, Chas. R.	68.33	Craig, O. C.	136.25
Clark Co., The David H.	10.13	Cramer Dry Plate Co., G.	15.17
Clark, E. R.	16.00	Cramer, O. A.	33.00
Clark & Baker Co.	12.50	Crasell, George	47.00
Clay, Walter B.	.55	Crawford, C. N.	20.00
Clayson & Griffith	118.85	Crawford, F. W.	7.50
Clemons, Lorena E.	20.00	Crawford, N. T.	20.00
Clewett, H. J.	12.81	Creede Candle, The	23.94
Cline, A.	8.00	Crescent Farm	4.70
Closson, Chas.	347.75	Crescent Printing Co.	5.98
Clow, W. J.	9.10	Crete Nurseries	9.05
Cluff, C. L.	47.20	Cripple Creek Times Co.	2.28
Clute, Alva B.	3.58	Crone, Albert	44.00
Coates & Roland	19.54	Cronin, Dan. J.	13.75
Cockrell, Ora	20.00	Crook County Journal	13.40
Cocconino Sun	20.90	Crookston, Nicholas W.	7.50
Cody Trading Co.	94.79	Culpepper, Eph.	45.67
Coe & Babcock	10.00	Culver, J. M.	68.50
Coffin, George	24.00	Curtis Lumber Co.	6.50
Colclusser Bros.	2,621.75	Curtis & Pierpont Co.	93.51
Cole, Wm. S.	21.60	Custis, J. W.	4.66
Coleman, Florence C.	25.00	Custer Weekly Chronicle	50.96
Coleman, Geo. A.	20.00	Cuthbertson, S. M.	70.00
Colfax Sentinel Publishing Co.	9.00	Dahlberg, S. J.	8.00
Colliers, Lucien E. C.	5.00	Daily Californian	7.80
Collins, Albert	5.25	Daily, J. T.	14.00
Collins, A. B.	5.00	Daily Missoulian	7.00
Collins Manufacturing Co., A. M.	89.30	Daily Telegram Co.	1.24
Colorado Tent and Awning Co.	16.80	Darley, Fred	26.00
Colorado Republican	2.09	Dougherty, Giles	52.87
Colorado Telephone Co.	8.89	Dougherty, Walter	5.25
Columbia Phonograph Co.	275.35	Daug, William H.	14.00
Columbia Photo Supply Co.	450.00	Davidson, Byard	7.50
Colvin, John	32.00	Davis, Ike M.	2.25
Comstock, A.	20.00	Davis, John	2.00
Comstock, Frank	22.50	Davis, J. D.	73.71
Conant, Ed.	5.50	Davis, Ralph	37.50
Cone, Victor	8.00	Davis, Ray	14.00
Conlin, Geo. F.	25.36	Davis, Roy	37.50
Conner, Robt. J.	72.50	Dawson, Thos.	8.00
Conrad, O. H.	210.40	Day, C. M.	17.00
Consolidated Press Clipping Bureau	2.90	Day, Walter A.	10.00
Consolidated Wagon and Machine Co.	264.16	Day, Will	50.00
Converse, Mrs. S. H.	6.25	Day, W. E.	126.00
Cooksey, K.	11.20	Day, W. F.	14.25
Cooley, Elton G.	12.00	Dean & Brown Mercantile Co.	33.83
Cooley Co., Geo. M.	84.38	Dearborn, O. F.	90.00
Coolon, Henry	100.00	De Bond, Daniel H.	65.00
Cooper, Ed.	14.00	Dedmon, Frank	35.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Defender Photo Supply Co.....	\$125.84	Electric Appliance Co.....	\$321.71
De Forest & Hotchkiss Co., The.....	108.29	Elgin Forwarding Co.....	183.95
De Gens, J. C.....	14.50	Elledge, James H.....	21.00
De Gens, Mat.....	6.00	Elliott Fisher Co.....	165.00
De Groot, Peter.....	3.00	Elliott & Co., James.....	120.62
De Laney Co., A. J.....	93.95	Ellis, Charles A.....	46.66
Delgado, Andres L.....	93.00	Ellis-Forde Co., The.....	7.57
Deloney, Charles.....	68.69	Elm City Lumber Co., The.....	16.00
Delta Independent.....	4.83	Elmore Publishing Co.....	9.50
Demaray, M. J.....	17.35	Elster, C. A.....	219.47
Democrat Printing Co.....	3.25	Emerson Manufacturing Co.....	150.00
De Months Ark. (Incorporated).....	14.50	Emery County Progress.....	2.00
Denman, Edwin.....	219.17	Encarnacion Aragon.....	3.70
Denning Wire and Fence Co., The.....	479.82	Endner Lumber Co.....	61.13
Denver Republican.....	35.40	Enlor, E. L.....	22.50
Depler, Hugh S.....	2.00	Enquirer Co.....	138.66
Deseret News Co.....	26.04	Enquirer Job Printing Co.....	6.00
Deshazer, Arthur.....	50.00	Enterprise Co., The.....	3.00
Devin, Geo. W.....	25.00	Enterprise Mercantile and Milling Co.....	25.95
Dewey, E. P. (Sanger Herald).....	9.52	Enterprise Publishing Co.....	84.19
Dickinson, C. A.....	5.25	Ephraim Enterprise.....	27.60
Dierenfeldt, Julius.....	15.00	Ergood & Co., J. C.....	52.02
Dietzgen Co., Eugene.....	21.40	Erker Bros. Optical Co.....	31.75
Dillingham Bros.....	8.00	Espey, John B.....	9.90
Dillon, M. D.....	2.25	Estancia News.....	3.08
Dixon, Peter A.....	5.00	Estudillo, James.....	31.50
Doll Bros. & Smith.....	16.46	Eureka Lumber Co.....	26.24
Dolores Merch. Co., The.....	31.20	Evans, jr., Edward.....	13.50
Dolores Star.....	13.45	Evans, M. T. L.....	9.21
Donahue-Emerson & Co.....	88.72	Everett, S. I.....	444.65
Donaldson Co., The.....	10.53	Evergreen Nursery Co.....	40.80
Donovan, Cornelius.....	28.50	Ewing, W. A.....	28.95
Dorey, Lawrence.....	16.75	Examiner Publishing Co.....	7.80
Dorris, J. W.....	33.25	Falk, Gregg.....	40.00
Dorsch, H. G.....	184.50	Falk Mercantile Co. (Limited).....	25.00
Doss, G. H.....	16.00	Farmer, Thomas.....	12.08
Dostal, J. F.....	67.50	Farris, R. J.....	8.00
Doty, E. H.....	15.00	Faulkner, Wm. C.....	16.00
Douglas' Sons, R.....	164.00	Favors, Joe D.....	12.50
Dow, E. E.....	29.99	Fay & Egan Co., J. A.....	115.00
Downs, N. V.....	86.75	Feast & Co., H. D.....	38.30
Doxsey, H. G.....	46.06	Feather, Hudson E.....	7.50
Doyle, Pat.....	9.00	Felt & Tarrant Manufacturing Co.....	16.09
Draper, G. T.....	2.25	Fergus County Argus.....	6.25
Droop & Sons Co., E. F.....	676.08	Fernandez, R.....	47.90
Dudley, Ernest G.....	42.00	Fernando Improvement Co.....	302.36
Dugan, John R.....	298.54	Ferry, C. L.....	8.00
Dunbaugh, J. M.....	50.00	Ferry, D. H.....	20.00
Duncan, J. K.....	25.00	Pick, Westley.....	14.00
Duncan, J. S.....	55.00	Field and Farm.....	4.40
Dunn, H. L.....	18.75	Fields, James.....	54.00
Du Perow, M.....	299.03	Finkbner, D. E.....	90.30
Duran, Ramon.....	15.00	Finstad, Jacob C.....	15.00
Duran, William.....	60.00	Finstad, Julius Carl.....	15.00
Durants, Felix.....	15.00	Fish, E. S.....	26.50
Durham, Stanhope.....	69.00	Fisher, John D.....	12.00
Duval & De Troy.....	8.43	Fisher, F. E.....	82.00
Dyer, Wm. H.....	22.15	Fisher-Glassford Hardware Co.....	634.81
Eagle, The.....	12.50	Fitch-Dustdown Co.....	2.00
Eagle County Blade.....	17.00	Fitzgerald, J. J.....	32.00
Eagle Valley News.....	9.90	Fitzhugh, Clarence H.....	6.00
Earl & Eng. Publishing Co.....	13.60	Fitzhugh, E. F.....	27.25
Eason, F. D.....	181.60	Fitzmier, George.....	40.00
Eastman, H. P.....	10.00	Flagstaff Gem.....	14.70
Eastman Kodak Co.....	1,237.20	Flaherty, B. G.....	29.00
East Oregonian Publishing Co.....	2.60	Flanders, George W.....	22.62
Eberenz, Geo. B.....	6.00	Flenner, Rex.....	2.50
Eberl, J. W.....	8.35	Flint, J. M.....	72.75
Eccher, Joe.....	15.00	Flock Co., The J. G.....	12.25
Edmonds, Wm. O.....	29.82	Flournoy, J. D.....	17.82
Edmonston, Chas. R.....	4.20	Flournoy, R. W.....	15.00
Edwards, E. H.....	100.70	Flynn, Francis.....	66.00
Edwards, William.....	12.25	Flynn, F. W.....	6.00
Eggleston, W. H.....	28.00	Fogg & Jacobs.....	28.10
Eimer & Amend.....	37.51	Folawn, Thomas J.....	5.00
Einsel, R. L.....	25.00	Folmer & Schwing Co.....	4.20
Elder, Jason S.....	15.00	Forbes, F. B.....	14.17



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Ford, Chas. C.	\$43.00	Goodman, F. A.	\$68.00
Fordice, John	45.87	Goodwin, G. W.	4.10
Forker & Co., C. A.	310.10	Gordon, Granville J.	12.50
Forsyth, H. F.	10.50	Gordon, Troumon L.	28.75
Fortin, Eddie	17.50	Gordon, Truman	13.75
Foster, A. B.	6.00	Gordon-Wright Co. (Limited)	13.25
Foster, O. L.	49.04	Gorsuch, Milton	38.75
Foster, Stephen L.	14.00	Gourick, D. A.	5.00
Foster, W. H.	101.25	Gowanlock, John A.	249.40
Fox, James E.	24.50	Grace Brothers.	36.02
Franey, John	159.21	Graden Mercantile Co.	17.05
Franklin, L. F.	33.50	Graham Co., Andrew B.	125.00
Franklin Mercantile Co.	46.55	Graham, Fred W.	10.00
Frazier Borate Mining Co.	32.95	Graham & Co., John W.	10.15
Freeland, E. H.	7.50	Graham, F. R.	16.25
Freeland, G. V.	7.50	Graham, Hugh	60.00
Freeman, E.	12.00	Grand County News	2.00
Freeman, W. A.	14.00	Grand Lake Mercantile Co.	12.20
Fremont County News	8.10	Grand Valley Times	6.25
Fresno Flume and Irrigation Co.	28.40	Grant County News	3.75
Fresno Republican Publishing Co.	40.00	Grant County Telephone Co.	60.30
Fritch Hardware Co., The Geo.	92.65	Graves, Mark	42.50
Fuchs & Lang Manufacturing Co.	44.60	Graves Mercantile Co.	36.65
Fuller Co., Seth W.	26.13	Gray, L. A.	80.00
Galbraith, A.	41.25	Green, C. A.	60.00
Galbreath, Walter D.	12.00	Green, Fred L.	27.29
Gallegos, Jose	11.00	Green, W. E.	12.50
Galvin, J. W.	274.23	Greenwood, Frank	25.00
Ganahl-Davies Lumber Co.	110.80	Greenwood, Geo.	12.50
Ganier, A. F.	8.50	Greenwood, James	117.00
Garcia, M.	45.70	Greer, Lillie R.	16.90
Garcia, O.	38.40	Grey Bull Lumber Co.	50.00
Garden, Jas.	15.00	Griffin, John	18.67
Gardiner, H. W.	22.08	Griffin, Leman	92.30
Gardner, Henry	20.00	Grimsley, Chick	32.25
Garnick & Son.	4.62	Griswell, William H.	32.00
Garrecht, Jacob	17.50	Grittman, John	15.94
Garrison, Henry O.	10.00	Groom, Richard	66.38
Gaston, D. L.	50.00	Gross, Joseph W.	60.88
Gaston, W. W.	50.00	Guardian Publishing Co.	20.10
Gates, R. M.	10.38	Guilbert, L. E.	6.25
Gauksheim, S. O.	15.00	Guilbert, L. F.	5.00
Geddes, James	35.00	Gunnison Gazette	2.50
Geerhart, C. S.	21.30	Gunnison Hardware Co.	46.57
General Electric Co.	54.50	Gunnison News Champion	5.89
Genright, J. J.	5.00	Gurley, J. M.	20.00
Gerarden, John E.	107.50	Gurley, W. and L. E.	95.95
Gerarden, David E.	107.50	Guthrie, Hugh M.	38.00
Germain Seed and Plant Co.	205.25	Guthrie, Wm. & Hattie M.	200.00
German Nurseries	11.38	Hager, J. C.	37.50
Gibbel, J. B.	91.32	Haggerty, George	5.00
Gibson, H. W.	240.00	Hagman, John P.	37.50
Gibson, Matthews & Young.	172.85	Hagman, W. B.	7.50
Gichner, Fred S.	50.00	Haguewood, I. J.	15.75
Gifford & Henry	108.00	Haines, Roscoe	35.00
Gilchrist & Dawson (Incorporated)	55.20	Hale, Benjamin	52.00
Gilkey, Sylvester	14.00	Hales & Symons	18.03
Gill, J. B.	39.23	Hall, Della	3.61
Gill Lumber Co., J. B.	231.47	Hall, Percival	44.00
Gillett, Elmer	10.00	Hall, W. H.	120.00
Gillett, H.	85.75	Hallock, E. G.	22.50
Gillies Mill and Manufacturing Co.	80.05	Hamilton, A. W.	45.00
Gilman, Z. D.	55.16	Hamilton Herald	9.05
Gilmore & Boren	19.25	Hamilton Publishing Co.	31.36
Girard, Joe	13.75	Hamner, G. G.	249.00
Glass & Fischer	13.50	Hampe, Theo.	92.15
Glenwood Post, The	156.28	Hancock, E. W.	5.00
Globe Hardware Co.	102.21	Hancock, Hiram	54.00
Globe Printing Co., The	84.15	Hancock, Thomas	50.00
Goatley, G. A.	45.00	Hanley, W. F.	10.50
Godfrey, W. T.	45.30	Hansen & Son, John F.	48.15
Goggins, Morris	71.25	Hanson, Chas.	221.25
Golden, Daniel J.	95.00	Hardenburgh, Geo.	21.10
Golden, J.	10.85	Harney County News	3.25
Goldman & Co.	18.86	Harney Peak Mining News	35.50
Good, Theodore	51.25	Harper & Reynolds Co.	329.27
Goodale, Gus G.	10.50	Harris Bros.	108.10

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Harris, George.....	\$1.00	Hillman, Wm. H.....	\$12.00
Harris, Joe.....	36.00	Hilskie, Ernest.....	6.00
Harris, John.....	150.00	Hilton, Franklin P.....	48.15
Harrison, J. W.....	2.45	Himes, R. A.....	10.50
Harrop, Owen.....	20.00	Hinkley, Basil D.....	18.00
Hartig, Louis.....	5.87	Hinton, F. H.....	30.00
Hartman, E. A.....	8.30	Hobart, Wm.....	6.25
Hartshorn, B. W.....	121.68	Hobron, S. D.....	39.75
Harvey, B. K.....	1.00	Hochheimer & Co.....	6.10
Harvey, Frank.....	50.00	Hockett, Ben F.....	3.00
Harvey, Fred.....	141.55	Hockett, Frank F.....	34.00
Harvey, Henry.....	10.00	Hoegge Co., Wm. H.....	49.52
Harvey Lumber Co., W. J.....	6.78	Hoefke, W. H.....	18.78
Haskins, R. J.....	12.50	Hofman, Geo.....	1.50
Hasselstrom, Frank.....	99.57	Holbrook, Argus.....	1.60
Haston, Warren S.....	15.00	Holbrook, A. D.....	48.00
Hatch & Co., A.....	11.10	Holbrook, R. C.....	48.00
Hathaway, James.....	40.00	Holder, S. J.....	50.00
Hathaway, W. S.....	4.20	Holdson, E. R.....	123.13
Hanger, Robert.....	22.00	Holliday, L. M.....	31.50
Hausman & Co.....	5.50	Holliday & Co., The W. H.....	24.20
Hawkins, C. H.....	16.50	Holmes & Co.....	.88
Hawkins, Lewis.....	4.00	Holt, L. M.....	165.50
Hawthorne, H. T.....	117.50	Holt, Theodore.....	2.50
Hawthorne, J. V.....	117.50	Home Ice Co.....	107.17
Hawthorne, J. W.....	117.50	Honeyman Hardware Co.....	73.73
Hayes, J. C.....	22.50	Hood River Glacier.....	3.00
Hays, David.....	8.90	Hooker, H. H.....	66.00
Hays, J. A.....	60.00	Hooker, Homer.....	69.00
Hays, Robert.....	20.00	Hooper, Geo. Warren.....	12.00
Head Lumber Co.....	15.68	Hoover, M. S.....	90.00
Healy, John.....	4.50	Hopkins, N. E.....	10.00
Heaton, F. M.....	126.00	Hord, Todd & Co.....	182.81
Heber Mercantile Co.....	12.50	Horn, Jake (Boise Republican).....	7.20
Hedgpeeth, Joel.....	13.00	Horn, J. H.....	173.99
Hedges, Will.....	10.75	Horne, Jerry.....	2.00
Hedrick, Orlando.....	15.00	Horton, C. H.....	3.25
Hegadorn, M. K.....	146.40	Horton, J. F.....	1.25
Heim, A. L.....	110.25	Horton Bros. Lumber Co.....	10.00
Heiskel, jr. & Co., P. H.....	14.75	Hostetler, H. A.....	15.00
Helena Hardware Co. (Incorporated).....	11.93	Hotchkiss, Henry H.....	84.00
Helfrich, Frank.....	62.00	Hotchkiss Co., E. H.....	1.05
Heller, Andrew.....	27.10	Hotel Co. of Tacoma.....	106.75
Heller, A. J.....	56.70	Hotel Stone.....	13.50
Heller Edver.....	61.70	Howard, C. H.....	60.00
Heller, Marie.....	6.00	Hoy, Abraham L.....	8.50
Helm, Geo.....	5.19	Hoy, Tom.....	37.50
Helm, G. S.....	18.00	Hoye, Joseph A.....	35.00
Hemenway, O. E.....	299.42	Huber, George.....	355.25
Hemet Livery Stable.....	39.00	Huber, Dick.....	31.50
Henderson, James B.....	3.60	Hudelson, Johnson & Co.....	107.77
Henderson, Richard W.....	69.50	Huffer, F. A.....	9.00
Henderson (Incorporated), R. W. & J. B.....	2.10	Huffman, F. H.....	21.00
Henderson, W. C.....	24.00	Hughes Mercantile Co.....	23.49
Hendrick, Frank.....	2.25	Hugus & Co., J. W.....	13.05
Hendrick, Peter.....	2.25	Hulse, Herbert.....	16.88
Hendricks, G. W.....	38.92	Hulse, Marion.....	9.00
Henschke, H.....	10.10	Hume, Bennet Lumber Co.....	62.55
Herald Democrat.....	11.00	Humphrey, Paul N.....	40.00
Herald Printing Co.....	11.04	Hunt & Co., F. P.....	13.10
Herrick, Coit E.....	166.00	Hunt & Mottet Co.....	37.75
Herrmann, Harry.....	32.50	Hurd, Leland.....	5.50
Herron, Mrs. F. G.....	16.50	Hurley, J. E.....	14.10
Hess, Wm.....	15.00	Hurst, A. J.....	38.50
Heumann, Chas.....	50.00	Hurst, J. S.....	122.00
Hicken, Addison.....	12.50	Husted, Shep. N.....	15.00
Hidorn, Rex.....	30.00	Hutchins, Henry.....	5.00
Higby, James S.....	196.00	Hutchinson & Robertson.....	17.50
Higby Mercantile Co.....	19.04	Hutsler, George.....	27.50
Higgins, D. N.....	15.00	Hutton, Wm. A.....	5.50
Higgins, Jay.....	28.85	Hyde, J. H.....	5.00
Higginson, H.....	14.06	Hyde, Patrick.....	75.00
Hill, Carey S.....	28.00	Hygienic Soap Granulator Co.....	4.80
Hill, D.....	43.28	Hyland Bros.....	14.55
Hill, Frank.....	48.00	Idaho Enterprise.....	6.43
Hill, W. H.....	50.75	Idaho Hardware and Plumbing Co., The.....	427.95

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Idaho Mountaineer.....	\$14.70	Kane, Robert.....	\$77.50
Idaho Republican.....	2.75	Kann Sons & Co., S.....	136.66
Idaho White Pine Milling Co.....	21.00	Katzenstein & Co., Otto.....	64.15
Imes, Carl.....	18.20	Keane, Ed.....	25.50
Imfeld, John.....	13.50	Keane, John.....	26.50
Immler Co., Fred A.....	780.00	Keaster, Richard R.....	30.00
Improved Mailing Case Co.....	7.75	Keck, A. G.....	10.92
Independent Lumber Co.....	41.75	Keeler, Alva L.....	42.00
Independent Publishing Co.....	22.25	Kegle, F. A.....	60.00
Independent, White Bird, Idaho.....	11.34	Keim, J. B., jr.....	32.00
Interior, Department of.....	160.00	Keim, T. Beverley, jr.....	102.00
Irion, Jesse W.....	433.25	Keller & Co., P.....	7.50
Irma, Hotel.....	30.60	Kelley, Edward J.....	13.00
Iroin, J. P.....	23.90	Kelley, Pat.....	23.52
Isaacson, Charles.....	50.00	Kelley, Frank.....	8.00
Ish, G. W.....	27.50	Kelly, Frank L.....	27.00
Isham, Joe.....	22.50	Kelly, Fred H.....	10.00
Jackson, Amanda.....	8.00	Keltic, Frank F.....	22.00
Jackson, Charley.....	14.00	Kemmerer Publishing Co.....	2.99
Jackson, C. F.....	3.56	Kemp, W. R.....	4.25
Jackson, W. E.....	10.23	Kendrick Gazette.....	3.00
Jackson, W. S.....	328.52	Kenegard, Denver Y.....	96.00
Jacob, Thos.....	31.25	Kennedy, E. H.....	134.19
Jacobs, L. M.....	23.05	Kennedy, Ellis.....	28.04
Jacobs Co., L. M.....	34.10	Kennedy, J. E.....	9.50
Jacobs, S. M.....	120.00	Kenney, George.....	14.00
Jacobson, Geo. P.....	42.34	Kerlee, W. A.....	6.00
Jacquet & Son.....	33.00	Kerns, A. E.....	41.25
Jakways & Faust.....	198.40	Kessing, J. Fred.....	15.00
James, Walter.....	13.11	Keuffel & Esser Co.....	1,906.73
Jaramillo, Amador.....	8.00	Keyes, D. B.....	13.00
Jaramillo, Ramon.....	21.00	Keystone Blue Paper Co.....	28.94
Jarvis, J. F.....	1.00	Keystone Trading Co.....	15.00
Jasper, C. F.....	13.00	Kiernan, W. T.....	49.20
Jeffers & Switzer.....	42.40	Killian Co., Geo. P.....	26.50
Jenkins, Charles S.....	390.00	King, Geo. R.....	7.50
Jenkins, G.....	11.00	King, J. B.....	30.00
Jenkins, Wm.....	3.60	King, John H.....	32.00
Jenkins Bros.....	10.20	King, W. L.....	2.00
Jennings, Henry L.....	6.00	Kings River Stage and Transporta- tion Co.....	6.55
Jenson Bros.....	39.94	Kinhead, Chas. F.....	263.00
Jenson & Bro., Guss.....	16.55	Kinney, H. M., manager Winona Wagon Co.....	50.28
Jerman, Thomas.....	15.35	Kinnin, G. R.....	2.25
Jewell Nursery Co.....	.39	Kinsman, Leo.....	3.00
Jewkes, Irving.....	7.50	Kippen, M. D.....	12.00
Johnson, G. H.....	4.40	Kirk, Ben.....	82.00
Johnson, Lewis.....	74.87	Kirkham, Henry.....	55.90
Johnson, H. H.....	60.00	Kitchen, Thom.....	22.00
Johnson, J. C.....	12.00	Klamath Republican.....	5.25
Johnson, J. P.....	2.00	Kling, L. A. H.....	10.00
Johnson & Co., Charles Eneu.....	3.00	Klouman, O.....	5.50
Johnston, C. S.....	45.00	Knapp, B. F.....	1.75
Johnston, Fred.....	12.25	Knapp & Co., George.....	71.40
Johnston, J. B.....	6.00	Knight, George.....	9.75
Johnston, J. C.....	115.00	Knight & Bro., H. D.....	28.09
Johnston, R. H.....	6.00	Knight, Jos.....	26.25
Johnston, W. G.....	1.75	Knight & Jillson Co.....	47.78
Johnston's (Incorporated).....	69.67	Knoblock, Christ.....	10.00
Johnston Co., T. H.....	15.50	Knox Woolen Co.....	37.13
Jones, H. S.....	48.00	Knudsen, Hans.....	24.50
Jones, John.....	12.00	Koch, Harry G.....	30.50
Jones, Theodore E.....	15.00	Koeffler, Francis.....	22.00
Jones Bros.....	55.85	Koletzke, A. H.....	102.29
Jones & Co., P. M.....	15.00	Kouts, Lec.....	13.50
Jorss, A. F.....	18.50	Kramer, Peter.....	25.50
Journal Printing Co.....	18.00	Krueger, Edward.....	19.25
Journal Publishing Co.....	13.76	Kutcher, Joe.....	51.96
Journal, Logan, Utah.....	4.87	Kutner-Goldstein Co.....	39.30
Joy, F. E.....	4.00	Ladd, F. J.....	26.54
Joyce, William.....	8.00	Lafferty, H. C.....	26.00
Joyce Engraving Co., The Maurice.....	57.29	Lafon, Amos.....	12.00
Joyce-Fruit Co.....	24.38	Lain, John R.....	54.00
Judy & Jenifer.....	64.20	Laity, J. T.....	12.00
Kading, Walter W.....	22.80	Lake Chelan Steamboat and Trans- portation Co.....	5.55
Kalispell Lumber Co.....	212.31		
Kanawyer, P. A.....	30.00		



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Lake County Bee	\$4.00	Long, Eli	\$28.50
Lamb, Geo. N.	28.85	Long, E. F.	34.50
Lamb & Tilden	279.18	Loomis, Stanley J.	72.00
Lamberton & Bell	17.60	Lord & Poll	44.77
Lambie Co. (Incorporated), Jas. B.	68.50	Lost River Commercial Co. (Limited)	12.55
La Moine Lumber and Trading Co.	122.70	Lounsbury, Mark L.	13.75
Lander Clipper	14.84	Loveall, Samuel	7.00
Lang, Herman	38.00	Loveland Reporter	2.09
Langley, Ralph W.	89.00	Loveridge, C. A.	46.00
Lansburgh & Bro.	507.09	Lowdermilk & Co., W. H.	235.77
Lanum, George	6.00	Lowe, John W.	42.37
Lanz & Co., Geo.	182.50	Lowe & Jones	81.43
Lanz Manufacturing Co.	62.50	Lowell Meservey Hardware Co., The	22.01
Lapp Co. (Limited), The O. C.	30.52	Lowman, N. A.	4.00
Lapp & Billups	8.48	Lucas, E. R.	12.08
Laramie Republican Co.	19.47	Lucas, L. F.	13.50
La Revista de Taos	3.64	Lucken, Chris.	5.00
Larson, Charley	16.00	Lucken, John	7.50
Larson & Co., C. E.	20.15	Lucken, Paul	95.00
La Rue, Henry	15.60	Ludwig Lumber Co.	136.79
Lassen Advocate	5.25	Lufkin, Chas.	12.00
Lauer & Sons, E.	301.46	Lumberman Publishing Co.	12.38
Lawley & Son Corporation, George	565.24	Lusk, H. A.	7.45
Lawrence, Ed.	41.00	Lutz, David	18.00
Lawrence, Frank N.	87.50	Lutz & Co.	1,288.90
Lawrence, Osiar	75.00	Lynch, Hugh	15.50
Lawrence, S. J.	8.00	Lyons, Charles R.	31.85
Lawrence & Williams	29.32	Lyons, Thomas	24.00
Lawton Mercantile Co.	3.45	Lythman, Gust.	60.00
Lawyers Cooperative Publishing Co.	6.00	McAnally, A. M.	43.00
Leader Co.	26.35	McCall, B. B.	6.00
Leadville Hardware Co.	51.40	McCarn, Frank	35.00
Leadville Publishing and Printing Co.	19.90	McCarthy, D. W.	9.00
Lear, H. B.	48.25	McCarthy, M. H.	35.00
Lease, W. F.	39.00	McCauley, Chas. M.	7.50
Lechner, Frank J.	38.00	McCay, H. B.	306.78
Lee, Bart.	20.00	McClure, Ben.	20.00
Lee, Clark J.	262.00	McComas, Ed.	8.75
Lee, G. H.	10.38	McComas, J. B.	166.00
Lee, J. D.	115.20	McCormick-Sealtzer Co., The	138.52
Lee, M. A.	53.86	McCraney Co., The H. E.	235.98
Lee, W. R.	45.25	McCubbin Co., The C. J.	4.30
Leech, E. E.	19.00	McDaniel, Don	7.80
Leeper, James W.	30.00	McDonald, E. I.	40.00
Lesse, M. A.	157.12	McDonald, G. B.	32.50
Lemhi Herald	4.12	McDonald, Joseph	26.00
Lemley Bert.	47.50	McDonald, J. E.	71.00
Lemley, Christopher C.	60.00	McDonald, P.	268.43
Lemley, Tony	155.00	McDonald & Wright	38.10
Lemmon, D. M.	30.00	McElroy, William	137.50
Lemons, Chas.	16.00	McEwan, S. S.	6.00
Leonard, Frank	13.50	McGhie, Bert	22.00
Leonard, N. B.	13.50	McGlone, Roy	10.38
Lewis, John	7.50	McGuffey Bros.	22.65
Lewis, W. E.	25.58	McIlmoll, W. H.	46.00
Lewis, W. K.	4.62	McIlvane, Bertha	75.00
Liben, Joseph J.	9.00	McIlvane, Will	78.32
Library Bureau	331.73	McIntyre, M. B.	8.56
Lienhard, Rudolf	196.10	McIver, J. C.	7.00
Lincoln, Fred S.	12.00	McKee & Co., A. J.	2.40
Lincoln Drug Co.	39.38	McKendrick, J. F.	37.00
Lindemeyer, Philip	13.00	McKnight & Co., J. M.	75.50
Lindley, John D.	5.00	McLaren, George	157.30
Lindsay Rubber Manufacturing Co., M.	1.54	McLaughlin Tie and Timber Co.	8.00
Linebarger, J. R.	35.00	McLeod, Dan W.	10.00
Lippincott & Warner	135.57	McMillan, James H.	47.60
Littlefield, Alvord & Co.	382.83	McMillen, J. M.	10.60
Livingston Art and Decorative Co.	4.50	McNamara, M.	36.25
Livingston Enterprise	43.80	McNicholl, H. M.	37.00
Lloyd Co., Andrew J.	3.60	McNicholl, John	18.67
Locke, T. C.	4.00	McNicholl, Vernon	16.40
Loftus & Girard	193.50	McNish, J.	10.30
Logan Republican	4.80	McPhee & McGinnity Co.	18.30
Logan Second Hand Store	10.00	McRae, D. K.	37.73
Logan & Bro., F. S.	99.70	McShane Timber Co., J. H.	20.30
Lomali, Francisco	6.87	MacGlashan & McKellar	209.29
		Mack, James	39.58

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Mackall Bros. ....	\$217.50	Milne, A. T. ....	\$18.50
Mackay, Miner .....	3.84	Milne, Geo. ....	11.50
Maclay Co. ....	19.70	Milne, James .....	12.75
Madary's Planing Mill .....	136.55	Miner, Pitkin .....	5.75
Maddux Bros. ....	19.28	Minke, Jno. ....	22.50
Madera Sugar Pine Co. ....	78.76	Minnix Co. (Incorporated), N. M. ....	54.75
Madera Weekly Tribune .....	7.80	Missoula Mercantile Co. ....	1,142.92
Madgwick, H. T. ....	12.00	Missoulian Publishing Co. ....	10.85
Madisonian .....	4.00	Mitchell, Joseph .....	145.64
Madsen, P. W. ....	11.50	Mitchell Bros. ....	41.29
Magone, Pat. ....	22.50	Mitchell & Co., J. ....	17.20
Mahan, Tm. ....	32.00	Mitchell & Co., Thos. J. ....	59.25
Maher, Walter .....	6.00	Mock, M. A. ....	25.00
Mahoney, Richard J. ....	292.50	Model Grocery Co. ....	336.62
Main, A. ....	16.50	Modoc County Cooperative Association .....	43.00
Makinson, Grant .....	8.80	Modoc Republican .....	14.00
Malmberg, John .....	87.50	Mohr, George .....	12.00
Malmberg, Matts. ....	16.00	Molyneux, J. S. ....	61.35
Mann, John H. ....	23.50	Mona Lake Railway and Lumber Co. ....	132.81
Manter, H. ....	184.16	Monarch Typewriter Co. ....	1,691.68
Manti Messenger .....	1.80	Mondragon, Juan Antonio .....	66.00
Mantle, Edward F. ....	40.00	Money, C. B. ....	77.24
Mantz, Wm. ....	24.50	Mono Lake Railway and Lumber Co. ....	62.03
Mapes, C. W. ....	57.50	Monson, Harry A. ....	296.60
Marchand, George M. ....	44.00	Monson, Henry A. ....	40.00
Marden, Victor .....	10.50	Montana Record Publishing Co. ....	44.20
Mariposa Gazette .....	2.75	Montrose Press .....	1.90
Markham, Elo. ....	20.00	Moody, A. E. ....	64.00
Markham, W. H. ....	147.50	Mooney, W. M. ....	4.00
Marks, Jos. ....	16.75	Moor, James M. L. ....	130.00
Marlatt, F. M. ....	90.21	Moore, A. L. ....	581.34
Marsh, O. N. ....	26.00	Moore, Carl A. ....	34.00
Marshall-Wells Hardware Co. ....	226.77	Moore, J. M. ....	9.00
Martin, John, jr. ....	1.00	Moore, Richard .....	35.00
Martin, W. H. ....	1.00	Moore, Samuel H. ....	50.00
Martinez, Candelario .....	66.00	Moore, William E. ....	12.00
Martinez, G. ....	47.90	Moore, W. P. ....	67.50
Martinez, J. F. B. ....	48.00	Morgan, Ernest .....	7.50
Martinez, Juan Jose .....	16.00	Morgan, T. E. ....	30.00
Mason, D. M. ....	26.67	Morin, N. E. ....	9.50
Masson, R. G. ....	10.00	Morrison, J. T. ....	60.00
Matthews, C. L. ....	10.00	Morrison Paper Co., E. ....	17.92
Maudlin, W. T. ....	35.00	Morrissey, E. H. ....	30.00
Maxwell & Hogan .....	13.35	Morrow, Robb .....	103.00
Mayer & Co., Robert .....	85.90	Morton, J. S. ....	222.85
Maynard, Milton .....	4.00	Moseley, S. L. ....	45.00
Mead-Warren-Rosevelt Telephone Co. (Limited) .....	30.10	Moses & Sons, W. B. ....	59.10
Mears, C. I. ....	82.05	Mota, B. ....	49.60
Mecum, Ira E. ....	40.00	Mountain Commercial Co. ....	15.00
Meegan, William .....	30.00	Mount Pleasant Pyramid .....	8.40
Meegan, W. H. ....	42.50	Muddiman & Co. ....	2.80
Meehan & Sons (Incorporated), Thomas .....	216.22	Mulcaire & Co., J. E. ....	10.50
Meek, Alfred C. ....	35.00	Muldoon, Sam. ....	119.00
Meentzen, Henry .....	84.00	Mundori Mercantile Co. ....	53.55
Meier, Ludwig .....	10.00	Munn, John .....	29.25
Meier, Martin .....	43.05	Munroe, James A. ....	65.75
Meier, W. M. ....	31.75	Munsey, J. H. ....	200.00
Meinig Bros. ....	91.65	Murdock, David .....	20.00
Melville, Geo. W. ....	12.80	Murphy, Arthur .....	8.75
Menzel, August .....	118.42	Murphy, C. H. ....	11.00
Menzel, Wm. ....	12.00	Murphy, H. E. ....	111.00
Merrill, W. A. ....	8.00	Murphy, J. J. ....	19.50
Merriman, Richard .....	46.07	Murray, John J. ....	130.50
Messenger Printing and Publishing Co. ....	7.50	Murray Lumber Co. ....	118.48
Metzleer, E. ....	2.05	Murray, Smith .....	27.95
Mieir, W. O. ....	25.00	Muth & Co., Geo. F. ....	405.16
Miller, Cohoon Co. ....	68.27	Najar, A. ....	43.70
Miller, J. M. ....	15.75	National Electric Supply Co. ....	248.70
Miller, John M. ....	31.50	National First-Aid Association of America .....	226.20
Miller, P. C. ....	9.50	National Lumber Co. ....	238.00
Millhiser Bag Co. ....	20.98	Nawrath, J. P. ....	233.58
Milligan, Frank .....	14.00	Neal, A. M. ....	11.25
		Nedrean, Walter A. ....	14.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Neihart Lumber Co., The.....	\$48.17	Parker, George.....	\$15.93
Neil Hardware Co., R. R.....	10.10	Parker Lumber Co.....	25.04
Neilson's Cash Store.....	48.05	Parks, James.....	12.50
Nellis, L. P.....	4.95	Parmelee, D. C.....	16.67
Nelson, P. C.....	31.13	Parowan Equitable Cooperative.....	183.99
Nephew, F. De.....	2.50	Parry, W. E.....	6.55
Neumann, H.....	17.60	Parshall & Co., W. R.....	98.66
Nevada State Herald.....	5.50	Parton, F. A.....	36.00
Nevada State Journal (Incorporated).....	3.57	Partridge, Wallace H.....	40.00
Nevada United States Fence Co.....	202.02	Parvilla, Y.....	21.54
Nevens, Thos.....	8.00	Pasadena Grocery Co.....	75.24
Newcomb, Aldo C.....	60.00	Pasadena Hardware Co., The.....	207.33
Newcomb, M. P.....	29.73	Patagonia Commercial Co.....	3.90
New England Engineering Co., The.....	34.34	Patnode, Edmond.....	100.00
New Era, Alturas, Cal.....	6.77	Patten, Juliet Craik.....	312.99
Newland, L.....	77.0	Pattrick, C. W.....	12.60
Newman, E. S.....	1.00	Patterson, H. C.....	16.20
New Mexico Printing Co.....	17.20	Patterson Co., The.....	25.90
Newton Co., The.....	67.60	Payne, Maitland.....	90.00
Newton Lumber and Manufacturing Co.....	12.20	Payne, William.....	8.75
Nichols, Guy H.....	168.00	Peabody, John H.....	131.25
Nichols & Co., J. B.....	20.00	Pearce, W. H.....	91.50
Nicholson & Son, Jas. A.....	5,039.00	Peasley Transfer Co.....	24.25
Niece, L. B.....	15.00	Peavey, J. F.....	14.17
Noddin, J. T.....	3.50	Peck, E. C.....	30.25
Noddin, Ralph.....	50.00	Peckinpah, C. M.....	397.14
Noddin, V. C.....	54.00	Peckinpah Lumber Co.....	325.00
Nogales Daily Times.....	2.87	Peers, John M.....	54.80
Norris-Peters Co., The.....	18.00	Peers, Wm. M.....	14.96
North Fork Times.....	12.75	Peirce, Thos. H.....	4.00
Northern Redwood Lumber Co.....	24.56	Pence, Frank.....	11.00
Northwest Post.....	7.98	Pendleton Tribune Publishing Co.....	1.95
Norton, Jacob.....	47.50	Pennisten, J. R.....	79.99
Oak Bar Stage Line.....	3.25	Penrod, Liona.....	19.25
Oakley Eagle.....	2.80	Penrod, William.....	27.25
Oasis Printing House (Incorporated).....	2.50	People's Lumber Co.....	266.00
Oakender, Thos. J.....	17.60	Peraldo, John.....	60.50
Oden, J. N.....	50.75	Perkins & Co., W. Y.....	73.93
Ogilvie, A. M.....	75.00	Perkins, Edward.....	10.00
Okonite Co. (Limited).....	21.45	Perry, Wilfred S.....	44.00
Old Dominion Commercial Co.....	11.45	Peterson, Andrew.....	12.50
Olivas, Frank.....	5.00	Peterson, C. J.....	34.00
Oliver, G. D.....	15.00	Petty, Geo. A.....	45.00
Oliver Typewriter Co.....	3,555.10	Philadelphia Machine Screw Works.....	7.50
Olney Hardware Co.....	81.36	Phillipsburg Mail.....	50.30
Olsen, Nad.....	15.00	Phillips, Alvin M.....	22.50
Orangeville Cooperative.....	16.85	Phipps & Oldham.....	5.85
Oregon City Commercial Co.....	15.47	Phoenix, Ernest P.....	8.38
Oregon Observer.....	2.60	Picket Publishing Co.....	15.60
Oregon Oriano, Vale, Oreg.....	6.00	Pierce City Miner.....	2.75
Oregon Transfer Co.....	4.44	Pierce, J. T.....	15.75
Oregonian Publishing Co.....	96.39	Pierson Bros.....	87.75
Orewiler, Charles.....	12.00	Pierson, Oscar.....	9.00
Orleans Bar Gold Mining Co.....	42.85	Pike, Frank.....	15.00
Orville Register.....	2.00	Pine, F. W.....	6.00
Orville, Wm.....	55.00	Pine Mercantile Co.....	83.95
Osborn, Leonard C.....	138.00	Pine Ridge Lumber Co.....	28.35
Ourray Herald.....	2.50	Pinedale Roundup.....	36.22
Ovando Mercantile Co.....	15.90	Pioneer Printing and Publishing Co.....	7.20
Owenhouse Hardware Co.....	128.55	Pioneer Telephone and Telegraph Co.....	70.45
Owens, Elbert C.....	50.00	Pioneer Tent and Awning Co.....	6.00
Pacific Coast Co.....	9.00	Pioneer-Times, Deadwood, S. Dak.....	14.25
Pacific Electric Rwy. Co.....	17.30	Pipel, Francis J.....	28.85
Pacific Steel and Wire Co.....	112.82	Pippin, W.....	2.75
Pacific Telephone and Telegraph Co.....	8.50	Pitkin, Miner.....	5.75
Pacific Transfer Co.....	7.75	Plumas Commercial Co.....	66.20
Pack, John.....	153.24	Plumas Independent.....	21.21
Paddock, William S.....	40.00	Plumas Livery Stable.....	31.90
Pagnotta, Joe.....	22.50	Plumas Meat Market.....	8.65
Palace Meat Market.....	4.50	Plumb, A. M.....	53.50
Palmer Mountain Prospector.....	1.90	Plumb, Fayette R. (Incorporated).....	39.20
Pangutch Progress Publishing Co.....	5.60	Plumb, Francis D.....	59.75
Pans, Alex.....	5.25	Plummer, F. M.....	43.95
Papen, Theodore.....	22.40	Pollard Co., The C. L.....	7.05
Paradise Record.....	28.40	Polson Bros. Mercantile Co.....	71.03
Parker, D. Frank.....	916.60	Pond, Earl.....	22.50
		Pond, E. G.....	27.69



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Pond, Ray.....	\$20.00	Reser, Roy M.....	\$36.00
Pond, Skafie L.....	40.00	Reynolds, Levi.....	15.55
Poor, J. R.....	14.00	Reyes, Rafael.....	10.00
Pope Manufacturing Co.....	31.50	Rhein & Co., W. H.....	43.10
Porter, H. K.....	37.50	Rhem, E. S.....	8.82
Porter, Joe.....	6.00	Rhodes, George R.....	5.50
Porter, S. H.....	21.00	Rhorer, Werner.....	15.00
Porterville Lumber Co.....	23.70	Rice, Delmer S.....	10.00
Portland Mercantile Co.....	26.75	Rice, E. W.....	41.50
Post-Intelligencer Co.....	60.00	Rice, Frank E.....	16.00
Post Printing Co.....	5.16	Rice, John.....	69.00
Post Publishing Co.....	9.26	Richards, Jas.....	8.00
Potomac Electric Power Co.....	14.40	Richards Lumber Co.....	47.44
Pottenger, Wm.....	14.50	Richardson, Bert.....	38.21
Powell, Wm. B.....	21.00	Richardson, Wheeler & Co.....	7.48
Power & Sons, John A.....	9.88	Richfield Reaper.....	18.31
Powers, Allan R.....	31.00	Richmond, D. S.....	16.50
Powers & McCord.....	11.85	Rickel, George C.....	31.25
Prairie City Miner.....	3.50	Rickenbacher, D.....	44.00
Prather, A. T.....	169.56	Ricker, H. M.....	13.60
Pratt, Lorum, jr.....	30.00	Rico News Co.....	1.71
Press Printing Co.....	5.28	Riddle, E. J.....	6.00
Press Publishing Co.....	1.00	Ridenbaugh, W. H.....	8.97
Press Publishing and Printing Co.....	3.25	Ridenour, Emsley.....	11.25
Price Hardware Co.....	86.15	Ridenour, J. H.....	8.00
Price, Orland O.....	15.00	Rider, Everson.....	27.75
Priest River Livery.....	34.00	Rider, W. B.....	13.60
Prindle, Mark.....	10.50	Rider, W. E.....	12.00
Prinetz, Frank.....	13.00	Ridgeway, Roy D.....	300.00
Pringle Cooperative Mercantile Co.....	3.00	Riedel, George.....	16.50
Progress Publishing Co.....	12.03	Rifle Revolve.....	4.00
Pullman, E. J.....	.75	Riggs, B. B.....	100.00
Purdy, A. C.....	65.81	Rios, F.....	48.10
Purdy, B. W.....	94.00	Rios, Y.....	47.90
Pyle, Geo. M., jr.....	52.00	Rioux, Joseph.....	50.00
Pyramid, Mount Pleasant, Utah.....	8.40	Ritchie, C. W.....	3.25
Quarles & Quarles.....	7.80	Roberts, Geo. B.....	25.00
Queen & Co.....	88.50	Roberts, J. C.....	63.80
Quesada, A.....	44.60	Roberts & Co., Jas. H.....	24.16
Quesada, V.....	47.90	Roberts, Walter.....	25.75
Quick, O.....	22.00	Roberts Lumber Co.....	41.20
Quigley, D. B.....	50.00	Robertson, James M.....	114.00
Quigley, Elmer E.....	154.50	Robinson, Bert.....	45.00
Quigley, Lester M.....	6.25	Robinson, Sam.....	46.25
Quigley, W. H.....	40.45	Robinson, Walter C.....	39.00
Quivcy, James E.....	8.00	Robison, J. W.....	85.50
Rand, McNally & Co.....	.60	Roche, Elizabeth A.....	26.25
Randall, C. C.....	153.70	Rodgers, Toney.....	21.25
Ranus, F.....	8.25	Rodocker, D. L.....	14.05
Raphael, John.....	14.00	Rodriges, C.....	48.00
Rathdrum Tribune.....	2.75	Rodriguez, Edwardo.....	60.00
Rau, John C.....	27.46	Roff, A. H.....	77.35
Rawlins Republican Co.....	7.36	Rogers, Arthur.....	64.00
Ray, Burton J.....	24.00	Rogers, John.....	15.00
Ray, John.....	10.00	Rogers, J. L.....	55.75
Ray, Marie.....	3.60	Rogers, William.....	10.00
Rea, C. E.....	36.00	Rogers, W. P.....	10.13
Reases, C. D.....	11.00	Rogers, W. W.....	166.00
Reber, John.....	22.50	Rogue River Courier.....	3.50
Record Publishing Co.....	1.90	Rolfson, Nels.....	55.00
Record-Stockman Publishing Co.....	10.40	Rollinson, J. K.....	120.00
Redmon, E. D.....	32.50	Romeike (Incorporated), Henry.....	5.84
Redmon, H. T.....	30.00	Romine, E. H.....	5.25
Reed, C. A.....	14.00	Roosa, I. P.....	14.50
Reeve, Mary.....	44.64	Roosevelt Mercantile Co.....	15.40
Reid, C. R.....	128.75	Ross, F. P.....	6.50
Reid, John K.....	1.60	Ross Seed Store.....	7.85
Reid, P. W.....	12.00	Roth, Filibert.....	33.68
Reilly, Hugh.....	49.06	Rothrock, Frank.....	50.00
Remington Typewriter Co.....	851.95	Routt County Republican.....	2.23
Remp, Charles B.....	10.00	Routt County Sentinel.....	7.88
Rennie, Robt.....	17.75	Roybal, Fernald.....	8.00
Republican-Courier Co.....	108.55	Rudolph & West Co.....	138.12
Republic Press.....	5.20	Rueber, Frank.....	30.60
Republic Publishing Co.....	12.65	Ruiz, T. G.....	5.00
Republican Publishing Co.....	109.52	Rule, Thomas.....	6.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Runyan, Ed.....	\$7.20	Shell-Combs & Co.....	\$19.15
Russell Boiler Works (Incorporated), Dan'l.....	53.80	Sheridan Enterprise.....	2.76
Russell, F. E.....	28.73	Sherk Everett H.....	3.00
Russell, M. L.....	74.00	Sherland, Lot.....	5.00
Russell, Z.....	7.75	Shilling, Geo.....	61.50
Saginaw & Manistee Lumber Co.....	138.00	Shirk, Everett H.....	5.50
Saguache Hardware and Lumber Co.....	92.97	Shirtz, John.....	5.00
Saguache Crescent.....	1.90	Shive, John.....	7.00
Saks & Co.....	1.50	Shockley, Clyde.....	6.00
Salano, Gupertino.....	14.26	Shoshone Lumber Co.....	9.72
Salida Record, The.....	13.80	Shotwell, E. E.....	16.74
Salina Call.....	6.00	Shrader, Walter H.....	40.00
Salinas Valley Lumber Co.....	122.50	Shull, Addie V.....	81.88
Salinas Weekly Index.....	3.25	Shull, J. Marion.....	93.38
Salisbury, Earl.....	8.00	Siddle, George.....	15.00
Salstrom, N. R.....	30.00	Sieweke, Fred.....	68.00
Sampson, Cecil.....	22.50	Signal Publishing Co.....	38.10
Samuel, R. H.....	75.00	Silver Cliff Rustler.....	2.09
San Bernardino Hardware Co.....	194.67	Silver Messenger.....	8.20
Sandabal, T.....	46.30	Silvers, John.....	200.00
Sandlin, Neal L.....	68.00	Simmons, B. L.....	41.20
Sandy Hill Iron and Brass Works.....	44.20	Simon, L.....	12.00
San Jacinto Hardware Co.....	108.78	Simpson, Robert.....	21.00
San Joaquin Light and Power Co.....	19.35	Sindlinger & Niles.....	132.66
San Juan Prospector.....	18.92	Sioux City Journal.....	12.37
San Luis Implement Co.....	78.30	Sisson, G. H.....	2.75
San Luis Valley Graphic.....	4.60	Sisson, George W.....	12.50
Santa Maria Times.....	2.60	Sisson Headlight.....	9.05
Saratoga State Bank.....	10.64	Sitterudd, O. J.....	7.21
Saratoga Sun.....	24.20	Skalet, O. O.....	417.90
Sargent, James H.....	8.00	Skiles, Roy.....	146.25
Sauchez, M. A.....	22.50	Skinner, C. W.....	198.34
Saunders, John S.....	48.00	Skinner, H. A.....	25.00
Savage, A. J.....	35.00	Sliger, Adam.....	357.50
Savage Co., C. R.....	18.50	Slinkard, C. R.....	4.00
Savage, Victor J.....	18.00	Slosson, Edna E.....	32.50
Savage, William.....	24.00	Slothower, A.....	15.00
Savercool, James.....	37.50	Smedley Co., The.....	24.70
Savery, Thomas.....	35.00	Smith, Elias H.....	6.00
Schenk, John.....	70.50	Smith, Fred H.....	80.00
Schlemm, Alfred.....	58.00	Smith, George F.....	27.50
Schmidt, Fred A.....	462.39	Smith, G. P.....	.60
Schnebly, D. E.....	29.25	Smith, James.....	21.67
Schneider, Fred.....	20.00	Smith, Karl.....	5.00
Schneider, L. H. & J. M.....	143.00	Smith, Lumber Co., S. L.....	31.25
Schneider's Sons, C.....	.75	Smith Premier Typewriting Co., The.....	9.00
Schofield, C. R.....	150.00	Smith, Russell B.....	32.50
Schott, Gustav.....	34.65	Smith, Thomas.....	7.80
Schrader, Walter H.....	275.64	Smith, W. A.....	261.66
Schuler Knox Co.....	260.05	Smith, W. E.....	2.10
Schulz, Fred.....	85.50	Smith & Webb.....	37.30
Schuster & Platt.....	10.40	Smith & Wilt.....	27.50
Scientific Engraving Co.....	12.00	Smith, Wm. D.....	86.25
Scott, Chas. H.....	74.14	Smither, Chas. L.....	46.75
Seals, Chas. D.....	14.80	Smither, Thos. B.....	46.50
Sears, Earle M.....	52.00	Smyth, Carl.....	58.00
Sears, S. S.....	87.80	Smyth, Dick.....	34.00
Sears, W. E.....	65.00	Smyth, Richard.....	33.00
Sease, W. F.....	39.00	Snake River Lumber Co.....	11.02
See & Co., Will H.....	10.20	Sneider, John M.....	57.75
Selander, E.....	15.00	Snell, Irving P.....	19.00
Seldomridge Bros.....	44.65	Snell, James H.....	40.00
Seldomridge Grain Co., The.....	31.70	Snider, D. N.....	5.00
Sellers, Frank.....	38.00	Socorro Chieftain.....	2.08
Sena, Manuel.....	11.00	Socorro County Publishing Co.....	34.44
Sena, Miguel.....	11.00	Soda Springs Chieftain.....	5.25
Sevier, Jesse M.....	12.25	Sohn, Heinrich Keller.....	18.09
Schaffer & Co., E. G.....	10.68	Sokocst, Joseph.....	18.00
Schaffer, Frank E.....	84.00	Soloman, I. E.....	35.00
Shackelford, James B.....	173.90	Somerville Co., Thos.....	9.11
Sharp, Harry.....	39.63	Sousa, Henry F.....	11.00
Sharp & Sons, F.....	556.40	Southerland, J. R.....	12.50
Shaw, S. B.....	56.00	Southern Printers Supply Co.....	10.40
Shedd & Bro. Co., S. S.....	4.25	Southwestern Stockman, Farmer and Feeder.....	4.73
Sheffield, Nicholas L.....	16.00	Southwick, Asa H.....	8.75
Sheffield Scientific School.....	70.00	Spalding, A. S.....	15.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Spanish Ranch Co., The.....	\$17.60	Tharp, C. B.....	\$78.66
Spann, J. R.....	70.00	Thomas, Byron.....	70.00
Sparks-Humphrey Meat Co.....	7.35	Thomas, Frank W.....	13.75
Sparks-Moore Hardware Co.....	36.55	Thomas, Frederick F., jr.....	26.00
Spencer, Geo. W.....	5.25	Thomas, George.....	21.67
Spencer, Harwood & Co.....	60.90	Thomas, L. E.....	65.00
Spicer, A. C.....	16.00	Thomas, Mark.....	53.75
Spon & Chamberlain.....	7.50	Thompson, Asa.....	1.50
Spurgeon & Callaway.....	25.48	Thompson, Carl J.....	15.10
Stagg, J. P.....	14.00	Thompson Co., Edward.....	54.00
Stahl, Arthur F.....	3.00	Thompson, J. Homer.....	56.00
Standard Oil Co.....	10.00	Thompson, John H.....	30.00
Standard Publishing Co.....	65.04	Thompson, J. W.....	101.00
Stanford, Obed R.....	27.50	Thorne, A., jr.....	86.00
Stansbury, D. R.....	10.50	Thornton, F. I.....	34.00
Star Valley Independent.....	2.70	Thornton, F. M.....	43.50
Starbuck, Ira T.....	376.25	Tierney Bros.....	56.05
Statesman Printing Co.....	91.70	Tiger Gold Co. Store.....	4.50
Statton, W. O.....	51.75	Tillison, Ed. A.....	21.50
Steamboat Pilot.....	6.75	Times-Observer, Pagosa Springs, Colo.....	2.28
Stearns, J. H.....	48.65	Times Publishing Co.....	20.14
Stearns Company.....	8.00	Timmons, S. R.....	14.40
Steele, James.....	10.00	Tinsley, G. W.....	29.90
Steele, L., sr.....	5.00	Tinsley, W. T.....	23.75
Steger, J. A.....	2.25	Tippett, Guy.....	29.37
Steimle, John H.....	78.53	Tippett, W. P.....	25.00
Stephan, August F.....	12.50	Todd, W. D.....	90.00
Stephans, J.....	46.50	Todd, W. I.....	61.25
Stevens Hardware Co.....	10.80	Topham, James S.....	1,216.50
Stevens, Philip.....	18.00	Towle, C. H.....	70.00
Stevens, W. D.....	5.00	Town, Geo. H.....	34.30
Stewart, William A.....	25.00	Townsend, D. W.....	19.17
Stillup, Peter.....	128.75	Tribune Co. (Limited).....	3.00
Stilson, Chas. A.....	7.50	Trinity Journal.....	17.00
Stimmel, E. H.....	340.26	Triplett, A. F.....	78.66
Stiner, J. O.....	2.50	Triplett, M. O.....	78.66
Stockett-Fiske Co., The.....	120.45	Tritch Hardware Co., The George.....	153.76
Stockgrowers' Journal.....	15.00	Truax, Lawrence.....	40.00
Stockton, James W.....	26.00	Truckee Lumber Co.....	279.33
Stoddard, A. W.....	17.50	Truckee Mercantile Co.....	8.00
Stoddard, Carl.....	10.00	Truckee Semi-Weekly Republican (Incorporated).....	25.50
Stone, G. W.....	41.30	Trude, Chas. J.....	57.45
Stonebridge Folding Lantern Co.....	22.00	Trujillo, Evarito.....	14.00
Stoner, G. D.....	130.00	Trujillo, Jesus Maria.....	19.50
Stoner, Lester.....	63.75	Tubbs, E. A.....	30.00
Stoner, Ralph.....	22.00	Tuolumne County Water and Elec tric Power Co.....	8.20
Stott & Co., Chas. G.....	504.00	Tuolumne Independent.....	9.50
Stout, James.....	6.00	Turel, Stanly.....	47.00
Straight, H. L.....	2.50	Turner, Day & Woolworth Handle Co.....	225.00
Stuard, J. A.....	60.00	Tuttle, W. B.....	24.00
Sullivan, W. G.....	47.50	Twin Falls News.....	1.95
Sultan Bros.....	14.35	Tyler, A.....	45.33
Sumas News.....	9.95	Tyler, J. W.....	2.88
Summit County Journal.....	44.30	Typewriter and Office Supply Co.....	2,758.71
Sun Company.....	10.08	Uhl, J. H.....	8.50
Sun Printing and Publishing Associ- ation.....	156.00	Ukiah Republican-Press.....	4.40
Sunderland Bros. Co.....	383.94	Uncles, Glenn L.....	50.62
Suverkrup, John.....	22.91	Underwood, H. J.....	18.00
Swanson, Ben.....	100.00	Underwood, Hiram J.....	12.00
Swanson, Frank.....	32.25	Underwood Typewriter Co.....	982.26
Swayze, W. L.....	636.04	Union Lumber Co.....	98.01
Swenning, Olive Carnell.....	83.33	Union Mill Co.....	392.85
Swenning, Samuel S.....	15.00	United Copper Foundry Co.....	30.28
Swope, George.....	25.00	United States Reclamation Service.....	138.13
Taft, Elsethagen & Co.....	51.33	Upton, Lee.....	125.00
Talkington, L.....	18.00	Urquhart, Keith A.....	12.00
Talmage, G. M.....	35.00	Utah Independent Telephone Co.....	69.55
Taylor Bros. Co.....	33.45	U. S. Fidelity and Guaranty Co.....	9.75
Taylor, C. H.....	20.00	Valdez, N.....	18.00
Taylor, Ida M.....	115.50	Vanburen, Arthur A.....	12.00
Taylor, Lees.....	8.70	Vance, James D.....	24.00
Taylorville Creamery Co.....	16.00	Vandarwarka, Orin D.....	82.80
Taylorville Meat Market.....	29.27	Van Deusen, R. L.....	2.00
Teas, Charles H.....	10.83	Van Dusen, Arthur R.....	8.20
Teeters, Jacob.....	51.00		
Teton Peak Chronicle.....	72.80		



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Van Loon, Jean.....	\$37.50	White, Harrison.....	\$18.00
Vannoy, S. T.....	162.50	White, J. H.....	4.25
Van Wagenen, J. F.....	10.00	White River Review.....	14.28
Vasquez, Louis.....	4.00	White, Wade.....	12.00
Venemann, T. W.....	411.50	Whiteside, Job.....	132.95
Ventling, Floyd.....	11.25	Whitesitt, Roy N.....	7.50
Vermillion, W. L.....	5.00	Whiting, L. S.....	16.02
Vernal Express.....	8.10	Whitman, Geo.....	548.00
Vernal Sawmills and Lumber Co.....	90.42	Whitney, Chester N.....	99.00
Very, John M.....	6.00	Whittemore Land and Live Stock Co., W. B.....	20.00
Victor Co., The Jos.....	33.35	Whittier, Coburn Co.....	39.42
Vigil, D.....	14.00	Whitzell, H. J.....	13.50
Vigil, Luciano.....	8.00	Whyte, Warren M.....	4.00
Virtue, Willie.....	91.25	Wickes, H. O.....	62.45
Viyegas, F.....	46.30	Wigginton, J.....	22.50
Voigtlander & Son Optical Co.....	.40	Wilcox, Curtis.....	37.50
Wagenhorst & Co., J. H.....	1.00	Wildwood Lumber Co.....	41.12
Wagner, Lawrence.....	77.00	Wiley, L. R.....	22.03
Wahr, George.....	5.00	Wilkinson & Co., A. J.....	11.53
Waite, C. A.....	15.50	Willamette Tent and Awning Co.....	21.59
Waldo, Geo. B.....	4.00	Willard, C. L., sr.....	12.00
Walker, E. R.....	12.00	Willcoxon, E. B.....	2,714.37
Walker, J. W.....	1.50	Williams, Brown & Earle.....	533.26
Wall, John P.....	51.75	Williams, E. A.....	15.00
Walla Walla Argus.....	3.00	Williams, Frank.....	146.25
Wallace, Charles.....	32.50	Williams, J. V.....	10.00
Wallace, Joseph D.....	14.65	Williams Lumber Co.....	161.65
Wallop & Mongreiffe.....	60.75	Williams, N. F.....	14.45
Wallowa Mercantile Co.....	145.40	Williams News.....	.55
Walsenburg World.....	2.09	Williams, Redr.....	1.00
Walsh, John.....	30.00	Williams, Walter E.....	52.50
Walter, R. W.....	5.25	Willis, Charles L.....	150.00
Walton, Fred W.....	16.00	Willis, L. H.....	6.00
Walworth Manufacturing Co.....	22.59	Willows Semiweekly Journal.....	3.14
War Department.....	2,963.20	Wills, Jack.....	401.82
Ward, P. F.....	56.00	Wilson, Arthur O.....	112.00
Ward, William.....	12.00	Wilson, Benjamin.....	3.00
Ward & Co., Montgomery.....	102.28	Wilson, E. J.....	60.00
Warden, Thomas.....	105.00	Wilson, Frances.....	30.00
Warner, L.....	1,506.30	Wilson, Fred.....	8.75
Wasatch Lumber Co.....	42.95	Wilson, J. R.....	6.00
Washington Hardware Co.....	10.00	Wilson, W. R.....	14.00
Washington Post Co.....	72.00	Winegrove, L. S.....	22.50
Waterton Oil Land and Power Co.....	16.37	Winona Wagon Co.....	28.80
Watkins & Hotchkiss.....	57.09	Winslow Mail.....	1.60
Watkins, Ray.....	18.00	Winter, T. Z.....	59.50
Watrous, Earl.....	26.00	Winters, J. L.....	12.00
Watrous, H. R.....	51.00	Wise, John S.....	5.50
Watson, Wm.....	20.00	Wise, Roy L.....	15.00
Watterson, Geo.....	45.83	Wishart, Fred.....	30.00
Wave Publishing Co.....	12.90	Witham, Frank P.....	46.88
Weaverville Supply Co.....	83.87	Wolfe, F. V.....	8.00
Webster, Geo. P.....	3.68	Wollensak Optical Co.....	1.75
Weekly Leader.....	3.40	Wolverton Hardware Co., J. W.....	12.50
Weekly Missoulian.....	3.90	Wood, A. R.....	65.50
Weekly Press (Beaver, Utah).....	6.27	Wood, P. R.....	4.80
Weiss Mercantile Co., The A. J.....	5.50	Wood River Times.....	9.71
Welsh & Titsworth.....	121.41	Woodford, Geo. J.....	96.25
Wells, Chester G.....	133.75	Woodward & Lothrop.....	192.05
Wentworth, John.....	9.00	Wooster, George.....	11.05
West, John.....	130.00	Wootan, D. J.....	10.00
West Publishing Co.....	147.00	Wray, Grant.....	72.50
Westbrook, L. D.....	15.00	Wright, A. W.....	120.00
Westcliffe Hardware Co.....	36.00	Wright-Dickinson Hotel Co.....	73.00
Western Glass and Paint Co.....	39.86	Wyoming Stock Grower and Farmer.....	24.08
Western Hardware Co.....	20.00	Yager, Wm. D.....	102.25
Western Lumber Co.....	125.05	Yale & Towne Manufacturing Co.....	330.17
Western News.....	4.80	Yale University.....	24.27
Western Supply Co.....	113.02	Yates, W. A.....	266.00
Westfall, John C.....	56.25	Yawman & Erbe Manufacturing Co.....	57.00
Wet Mountain Tribune.....	9.20	Yeates & Wallace.....	28.08
Weyls, Harry.....	556.13	Yergy, Estate of George O.....	40.00
Wheeler, Ward H.....	80.00	Young, Henry C.....	14.00
Whelpley, Philip B.....	62.70	Young, Luther.....	10.00
White, B. F.....	152.48	Young, Perry.....	10.00
White, Frank.....	11.00	Young & Sons.....	139.95
White, George.....	23.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Fuel—Continued.</i>	
Youngers & Co.....	\$15.50	Brown, Howard.....	\$17.00
Yreka Journal.....	18.83	Clark, W. J.....	17.83
Zastrow, Paul.....	20.88	Coleman & Albert.....	16.45
Zugelder, F. G.....	5.25	Colvin & Reece.....	5.00
Total.....	168,705.80	Corbett, W. J.....	2.50
<i>Furniture.</i>		Dorsch, H. G.....	4.00
Aloe Co., A. S.....	16.00	Garrett, Geo. R.....	11.00
Alpha Hardware and Supply Co.....	44.25	Kennedy, E. H.....	16.33
Amberg File and Index Co.....	128.00	Miller Bros.....	16.78
Apple, G. W.....	30.25	Nelson, J. W.....	2.10
Art Metal Construction Co.....	779.00	Sheridan Coal Co.....	109.75
Birrer, Frank P.....	12.30	Strang, J. C.....	185.22
Booth Furniture Co., The.....	95.95	Townsend Mercantile Co.....	3.00
Brock, Beeken & Smith.....	8.00	Union Ice Co.....	34.00
Burton & Son, R. C. M.....	58.80	Williams Drug Co.....	12.90
Callow, Fred B.....	16.15	Wills, Jack.....	2.50
Clemons, Lorena B.....	31.50	Yale University.....	53.05
Corbett, W. J.....	18.90	Total.....	533.26
Curtis & Bradley.....	6.00	<i>Freight.</i>	
Davis, Ike M.....	6.00	Atchison, Topeka and Santa Fe Rwy.	
DeGroot, Peter.....	15.00	Co.....	245.93
Eberly's Sons, A.....	19.00	Atchison, Topeka and Santa Fe Rwy.	
Economy Drawing Table Co.....	281.25	Co. (Coast Line).....	2.42
Famous Store, The.....	11.60	Baltimore and Ohio R. R. Co., The.....	17.76
Fisher-Glassford Hardware Co.....	31.75	Barnes & Son, C. S.....	2.00
Fuller Desk Co., Geo. H.....	111.40	Bassett Lumber Co.....	11.43
Garnick & Son.....	16.50	Blue Line Transfer Co.....	21.56
Gottwals, W. O.....	17.50	Boston and Maine R. R.....	6.30
Grand Rapids Furniture Co.....	10.00	Chicago, Burlington and Quincy Rwy.	11.30
Harris Bros.....	15.00	Chicago and Northwestern Rwy. Co.....	5.29
Hoeke, W. H.....	70.89	Cleveland, Cincinnati, Chicago and	
Holliday Co., The W. H.....	8.00	St. Louis Rwy. Co.....	45.52
Huddle, C. I.....	12.00	Colorado and Southern Rwy. Co.....	16.98
Hugus & Co., J. W.....	19.40	Denver, Northwestern and Pacific	
Jenkins, Chas. S.....	55.00	Rwy. Co.....	7.18
Jordan, Zachary.....	10.00	Denver and Rio Grande R. R. Co.....	125.01
Jones Bros. & Co.....	37.35	El Paso and Southwestern System.....	2.61
Lansburgh Furniture and Carpet Co.,		Eureka Lumber Co.....	1.76
Julius.....	360.00	Great Northern Rwy. Co.....	112.54
Lehman, A. L.....	15.00	Head Lumber Co.....	1.55
Library Bureau.....	481.50	Kalispell Lumber Co.....	5.77
Lincoln, Fred S.....	356.75	Knox Express Co., Geo. W.....	4.25
Madsen, P. W.....	32.45	Littlefield, Alvord & Co.....	11.94
Missoula Mercantile Co.....	25.00	Lowdermilk & Co., W. H.....	1.64
Moses & Sons, W. B.....	598.55	Milligan, James.....	9.65
Pioneer Mercantile Co. (Limited).....	67.59	Missoula Mercantile Co.....	5.49
Rickenbacher, D.....	10.00	Nevada County Narrow Gauge R. R.	
Robinson Furniture Co., The.....	4.95	Co.....	1.47
Schuler Knox Co.....	11.00	Nevada United States Fence Co.....	4.25
Sharp & Sons, F.....	105.00	New York Central and Hudson River	
Skidmore, James L.....	5.00	R. R. Co.....	11.12
Sprague Foundry and Manufacturing		New York, New Haven and Hartford	
Co.....	250.91	R. R. Co.....	6.44
Stevens, W. D.....	41.20	Northern Pacific Rwy. Co.....	16.89
St. George Cooperative.....	15.10	Oregon Short Line R. R. Co.....	16.19
Strain Bros.....	25.00	Oregon Railroad and Navigation Co.....	59.89
Swayze, W. L.....	308.00	Pennsylvania R. R. Co.....	24.68
Tinsley, G. W.....	19.50	Rio Grande Southern R. R. Co.....	5.99
Topham, James S.....	13.20	San Pedro, Los Angeles and Salt Lake	
Watson, Fred W.....	15.00	R. R. Co.....	55.20
Welsh and Titworth.....	18.10	Sierra Rwy. Co. of California.....	.76
Wilkinson & Fisher.....	5.00	Southern Pacific Co.....	22.70
Woodruff Manufacturing Co.....	143.30	Southern Rwy. Co.....	46.00
Woodward & Lothrop.....	2,414.82	Union Pacific R. R. Co.....	59.84
X. L. Furniture and Carpet Install-		Wabash R. R. Co., The.....	4.12
ment House.....	16.50	Westinghouse Air Brake Co.....	1.13
Yawman & Erbe Manufacturing Co.....	9,717.20	Williams Lumber Co.....	8.10
Total.....	17,068.36	Yreka R. R. Co.....	1.19
<i>Fuel.</i>		Total.....	1,021.54
Anderson Lumber and Hardware Co.....	11.55		
Beardsley, G. B.....	12.30		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Express.</i>		<i>Rent—Continued.</i>	
Adams Express Co. ....	\$1,664.71	Daily Morning Union.....	\$13.00
Eastman Kodak Co. ....	10.47	Dangan, William.....	25.00
Felt and Tarrant Manufacturing Co..	2.20	Daniels, Henry.....	15.00
Globe Express Co. ....	9.10	Dante, J. W.....	225.00
Keuffer & Esser Co. ....	2.50	Davidson, Byard.....	12.50
Missoula Mercantile Co. ....	10.30	Day, C. M.....	19.50
National First Aid Association of America.....	1.00	DeBord, M. E.....	50.00
Pacific Express Co. ....	35.40	Dillingham, Leslie M.....	30.80
Southern Express Co. ....	20.41	Dougan, William.....	300.00
United States Express Co.....	1,528.87	Farrington, E. S.....	71.00
Total.....	3,284.96	First National Bank.....	37.50
<i>Telegraph.</i>		Flemming, Ernest.....	19.50
Postal Telegraph-Cable Co.....	378.77	Fox, W. P.....	115.00
Western Union Telegraph Co.....	3,469.14	Fraternal Hall Association.....	49.50
Total.....	3,847.91	Gardner, John A.....	17.50
<i>Telephone.</i>		Gates, Maria.....	11.00
Chesapeake and Potomac Telephone Co.....	668.52	Granjon, H.....	60.00
Colorado Telephone Co.....	11.70	Gray, M. J.....	120.00
Garlitz & Sons, H. B.....	7.85	Hamill, Jos. H.....	110.00
Home Telephone Co.....	4.00	Hanson, Adolph.....	22.00
Kemmerer-Big Piney Telephone Co.....	7.50	Hefferlin, C. S.....	75.00
Mitchell Bros.....	10.50	Howard, Canfield Co.....	137.50
Pacific States Telephone and Tele- graph Co.....	4.50	Hugus & Co., J. W.....	59.81
Pacific Telephone and Telegraph Co.	13.55	Husted, Clara G.....	60.00
Rocky Mountain Bell Telephone Co.	599.85	Jackson, Amanda.....	88.00
Santa Fe Electric Telephone Co.....	27.00	Johnson, Andrew.....	120.00
Sunset Telephone Co.....	4.55	Johnson & Smith.....	20.00
Tuolumne County Water and Elec- tric Power Co.....	20.00	Kalispell National Bank of Kalispell.	12.00
Utah Independent Telephone Co.....	48.50	Kaseman, George A.....	50.00
Total.....	1,428.02	Kickland, W. A.....	97.20
<i>Rent.</i>		Kohrs & Bielenburg Realty Co.....	25.00
Arizona Central Bank.....	144.00	Kohrs, Conrad.....	135.00
Atlantic Building Co., The.....	17,980.46	Kopp Co., The.....	60.00
Baker, Mary F.....	20.00	Krohne, C. O., agent for C. S. Heffer- lin.....	15.00
Barrett, G. W.....	30.15	Krueger, Louis.....	15.00
Beardmore, Chas. W.....	72.00	Lake, Ed.....	5.00
Beaver Equitable Cooperative.....	105.00	Lake, Henry F., agent for Edwin Scott.....	60.00
Bemis, H. E.....	67.50	Lauer & Son, E.....	91.75
Bentley, Joseph.....	128.35	Lawley & Son, Corporation, Geo.....	400.00
Borrowdale, W. M.....	25.00	Littlefield, Alvord & Co.....	90.00
Bothin, Henry E.....	29.03	Loud, Frank H.....	4.17
Bradford, May Cody.....	6.67	Luck, Charles W.....	114.00
Brown, William J.....	12.50	Maddock, E. C.....	25.00
Burnside, John L.....	90.00	Mangum, W. Lester.....	180.00
Carleek, Laure E., estate of.....	45.00	Marsters, A. C.....	135.00
Carleek, M. T., legatee.....	135.00	Martin, J. E.....	62.50
Carter, Theodore W.....	45.00	McDougail, Jas. H.....	16.00
Castle, Harry L.....	50.00	Merriam, W. E., administrator estate of J. A. Merriam.....	96.00
Central Building Association.....	66.43	Miller, W. J.....	160.00
Chamberlain, George A.....	30.00	Mottet Bros.....	140.00
Clark, R. G.....	3.65	Newman Investment Co.....	200.00
Coffin, Frank R.....	157.00	Osgood, Alicia.....	72.00
Coleman, Geo. A.....	8.00	Pace, John E.....	96.00
Coleman, Gilbert B.....	60.00	Pacific Electric Rwy. Co.....	528.00
Colorado Mortgage and Investment Co. (Limited).....	90.00	Parker Lumber Co.....	25.00
Commissioners of Roosevelt County, N. Mex.....	42.90	Pasadena and Mount Wilson Toll Road Co.....	120.00
Commonwealth Investment Co.....	270.00	Pebbles, J. F.....	5.00
Conklin, Arthur.....	25.29	Pepper, Samuel T.....	3.33
Conrad National Bank of Kalispell.....	259.50	Phingston, Fred.....	21.00
Conroy Placer Miner Co.....	24.00	Pierse, Allen.....	30.00
Coram, Jos. A.....	12.00	Pilling, John W.....	120.00
		Piskorski, Joseph.....	20.00
		Pratt, Lorum.....	9.00
		Preston, William B. and Harriett A.....	90.00
		Ransom, John E.....	40.00
		Requa, R. W.....	75.00
		Richardson, R. R.....	36.45
		Riggs, B., sr.....	88.00
		Riley, Theodore D.....	60.00
		Robinson, J. N.....	8.00
		Ruwe, Wm.....	120.00
		Salina Meat and Supply Co.....	42.25



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Rent—Continued.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Saratoga State Bank.....	\$120.00	Whitall, Tatum Co.....	\$12.78
Schwartz, Ben.....	270.00	Young & Sons.....	23.80
Scott, Edwin, Henry F. Lake, agent for.....	60.00	Total.....	15,336.77
Shell, Combs & Co.....	36.00	<i>Printing and binding.</i>	
Six, C. S.....	24.00	Public Printer, The.....	29,984.25
Smith, Emmons S.....	270.00	<i>Travel and station and field expenses.</i>	
Steward, Geo.....	100.00	Adams, Charles H.....	790.43
Thompson, J. D.....	150.00	Adams, James B.....	906.28
Town of Monte Vista, Colo.....	180.00	Adamson, J. W.....	17.30
Townsend Mercantile Co.....	135.00	Akerman, Alfred.....	49.15
Walker Bros. Dry Goods Co.....	70.87	Allen, E. T.....	930.72
Wallowa Mercantile Co.....	108.00	Allen, Grenville F.....	430.46
Washington Loan and Trust Co., The	249.76	Allison, Jno. Howard.....	109.60
Wheaton, W. W.....	86.67	Ames, F. E.....	636.65
Whittier, W. F.....	201.05	Anderson, David.....	230.20
Williams Drug Co.....	60.00	Anderson, Milton J.....	55.35
Wilson, D. E.....	20.00	Andrews, William T.....	130.05
Wilson, David.....	150.00	Armentraut, Edwin S.....	15.90
Wilson Drug Co.....	53.05	Ashe, W. W.....	58.90
Wood, H. R.....	150.00	Ayres, Robt. W.....	1,018.69
Young, George W.....	30.00	Baird, John S.....	262.33
Zeckendorf, Mathilde.....	36.67	Baker, Hugh P.....	750.00
Total.....	28,277.29	Ball, S. H.....	181.20
<i>Gas and electricity.</i>		Balle, Christian T.....	31.55
Conrad National Bank of Kalispell, The.....	7.50	Bard, George Philip.....	71.45
Potomac Electric Power Co.....	367.36	Barnett, David.....	254.85
Shefield Scientific School.....	28.50	Barney, George H.....	211.94
Townsend Mercantile Co.....	4.00	Barrett, Louis A.....	443.10
United Illuminating Co., The.....	21.00	Barton, J. E.....	128.86
Washington Gas Light Co.....	1.50	Bartrum, S. C.....	549.00
Yale University.....	36.08	Bassett, C. C.....	97.50
Total.....	465.94	Bateman, Ernest.....	18.55
<i>Apparatus, instruments, and laboratory material.</i>		Bell, J. R.....	621.63
Altender & Sons, Theo.....	1.67	Bembry, Burnett W.....	90.95
American Stave and Cooperage Co.....	67.10	Benedict, R. E.....	895.25
Arutzen, Valdemir.....	10.00	Bentley, John, jr.....	81.42
Ballantyne, R. Carter.....	2,127.59	Bentz, Geo. G.....	113.00
Barnstead Pure Water Still Co.....	8.00	Bergh, Henry A.....	56.50
Bausch & Lomb Optical Co.....	750.42	Besley, La Moree.....	211.46
Blackiston's Son & Co., P.....	5.00	Betts, H. S.....	446.15
Bristol Co., The.....	60.00	Bigelow, R. L. P.....	493.55
Claffin Optical Co.....	.60	Birdno, Geo. H.....	16.65
Columbia Photo Supply Co.....	1.45	Blair, James A.....	396.84
Dietzen Co., Eugene.....	12.00	Blair, Ole E.....	29.60
Eimer & Amend.....	15.20	Bliller, H. A.....	458.16
Electric Appliance Co.....	52.00	Boisen, A. T.....	264.17
Evans, Henry.....	177.16	Bond, Jay F.....	776.77
Gilman, Z. D.....	65.68	Boothe, Roy.....	31.50
Greimer Co., The Emil.....	10.00	Bradfield, Wesley.....	424.78
Gurley, W. & L. E.....	364.20	Bradish, W. N.....	248.30
Jenkins Bros.....	12.33	Breen, F. S.....	901.13
Keuffel & Esser Co.....	2,604.87	Bristol, H. Stanley.....	1,263.80
Library Bureau.....	18.25	Britten, Ernest.....	77.75
Lobe Pump and Machinery Co.....	20.00	Bronson, D. D.....	2,907.24
Lufkin Rule Co.....	643.76	Brothers, Chas. Shields.....	61.70
Mackall Bros.....	162.36	Brown, Horatio J.....	125.88
McKee & Co., A. J.....	.95	Brown, R. J.....	237.50
Moore, A. L.....	18.10	Bruce, Eugene S.....	1,082.29
Muth & Co., Geo. F.....	1,691.47	Bruins, J. F.....	159.15
Philadelphia General Supply Co.....	48.00	Buck, C. J.....	343.76
Pullman, E. J.....	.75	Bunker, Page S.....	555.73
Queen & Co.....	1,184.02	Burns, Findley.....	357.01
Rau, John C.....	1.50	Burns, Mark.....	414.75
Schmidt, Fred A.....	5,022.59	Burrall, H. D.....	127.55
Shefield Scientific School.....	41.63	Bushnell, Dwight.....	673.81
Shehan & Groark.....	31.04	Campbell, J. K.....	97.40
Westinghouse Air Brake Co.....	70.50	Campbell, Robert L.....	548.59
		Carter, E. E.....	1,010.78
		Cecil, Geo. H.....	198.00
		Chapman, C. S.....	905.78

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Charlton, Rushton H.	\$2,143.91	Greeley, W. B.	\$827.07
Chidsey, Thomas E.	27.45	Gregg, George P.	213.25
Clapp, Earle H.	706.71	Griffith, E. M.	521.79
Clark, John H.	1,241.83	Grinnel, Henry	841.58
Clark, Willard W.	582.51	Guthrie, John D.	1,137.52
Clarke, Edwin H.	74.03	Hackley, R. C.	110.75
Clement, G. E.	207.50	Hadley, Walter B.	700.44
Clifford, Edward C.	222.89	Hadley, F. H.	134.39
Cline, McGarvey.	938.17	Haines, F. N.	734.28
Clos, Wm. C.	446.70	Hale, H. M.	490.36
Clothier, George L.	530.99	Hall, Chas. C.	315.19
Coleman, George A.	428.41	Hall, Wm. L.	825.70
Coleman, Gilbert B.	521.25	Hamilton, E. M.	725.00
Collett, Sylvanus.	99.87	Hamilton, George.	43.05
Conkling, David T.	145.84	Hammatt, Richard F.	275.15
Cooley, Charles F.	36.22	Hanson, Fred.	698.55
Coolidge, Philip T.	199.55	Harris, Hugh H.	158.30
Cooper, Albert W.	306.69	Harris, Lee A.	823.43
Cooper, Lee E.	16.25	Harris, P. T.	1,141.81
Cott, George L.	53.53	Harris, Selden F.	193.44
Cox, William T.	890.47	Harrison, D. C.	86.10
Crandell, Lemuel D.	10.10	Hatt, W. K.	609.03
Crawford, Carl G.	1,565.78	Hatton, John H.	1,081.23
Cress, George H.	11.00	Hayes, Wm. D.	99.22
Crow, B. H.	14.00	Heilman, Ben C.	110.73
Cryder, W. H.	4.38	Hein, A. L.	92.90
Dahl, Arthur L.	137.85	Hepburn, Edwin D.	17.15
D'Allemand, B. R. H.	81.00	Herring, W. E.	436.90
Davis, L. G.	423.51	Higgins, Chas. G. Y.	119.32
Day, C. M.	43.50	Hill, C. L.	475.74
Dean, Arthur L.	635.83	Hill, Harry L.	405.87
Detwiler, S. B.	927.19	Hinderer, Chas. H.	126.80
Dilley, James W.	77.00	Hjort, C. K.	17.85
Donery, Joseph A.	27.37	Hodge, Wm. C. jr.	589.35
Dorsey, James A.	302.95	Hodson, E. R.	728.64
Douglas, Stephen H.	28.60	Hoffman, A. H.	8.75
Drake, Willard M.	259.16	Hogan, Thos.	391.31
DuBois, Coert	1,226.84	Hogue, A. H.	237.77
Dunlap, Frederick.	526.61	Hogue, William B.	8.05
Dunston, Clarence E.	101.20	Holmes, J. S.	635.28
Durbin, W. G.	570.46	Holroyd, H. B.	594.59
Eastman, H. B.	257.08	Homans, G. M.	997.15
Edmonston, W. D.	224.85	Hooper, Albert N. D.	16.70
Edmunds, P. D.	19.17	Howarth, James A., jr.	32.15
Edson, Gordon.	86.35	Hoyt, Timothy C.	301.99
Eldredge, I. F.	1,409.19	Huestis, Wilber A.	10.10
Elliott, M. B.	858.42	Hughes, John B.	175.80
Ellis, S. L. N.	250.35	Humphrey, C. J.	191.64
Erickson, M. L.	1,303.78	Hunt, Loren E.	301.22
Farley, George.	237.87	Hurst, William	277.65
Farmer, John W.	707.97	Husted, Shep. N.	256.01
Fenn, F. A.	532.34	Imes, Richard P.	63.80
Fenn, Homer E.	222.83	Ireland, A. S.	223.88
Fetherolf, Jas. M.	846.83	Ireland, Henry.	133.91
Fitton, David E.	47.28	Jackson, W. E.	264.56
Fitzgerald, C. W.	471.30	Jardine, James T.	60.10
Flintham, Stuart J.	227.99	Jensen, A. W.	421.29
Flory, Chas. H.	225.52	Jensen, M. C.	419.67
Foley, John.	146.98	Jones, Zeph.	82.45
Foster, Harold Day.	191.40	Joy, F. E.	560.37
Foster, J. H.	147.11	Keach, John E.	813.41
French, Harry H.	585.28	Kelleter, Paul D.	873.08
Fromme, Rudo L.	115.95	Kellogg, R. S.	750.13
Frothingham, Earl H.	88.55	Kelso, William B.	16.15
Gage, Chas. E.	287.61	Kempfer, W. H.	195.42
Galarneau, D. C. A.	589.86	Kenner, Beauregard.	150.40
Gardner, Percy.	87.26	Kent, W. H. B.	1,591.83
Garvin, Thos. J.	605.40	Kerr, John.	348.47
Gaskill, Alfred.	786.48	Kinney, David G.	204.24
Geer, Wm. C.	934.01	Kinney, James H.	317.77
Gibler, Harry.	88.52	Kirkland, Burt P.	81.75
Gillett, L. G.	744.05	Klarpp, Frank.	306.10
Goss, Oliver P. M.	326.45	Knapp, J. B.	603.81
Grandjean, E.	294.70	Kneipp, Leon F.	666.06
Graves, H. S.	42.75	Koch, Elers.	834.48

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Krentzer, Wm. R.	\$199.03	Peck, A. S.	\$432.98
Kummel, Julius F.	287.26	Peters, J. G.	825.86
Kupfer, Carl A.	109.11	Pettis, C. R.	200.00
Lafferty, J. B.	725.40	Phillips, Ress.	40.70
La Fountain, W. E.	1,085.30	Phillips, Frank J.	825.78
Leatham, James.	50.05	Pierce, Charles Roy	85.60
Leavitt, Clyde.	1,121.14	Pierson, Albert H.	119.05
Leslie, E. E.	75.05	Pinchot, Gifford.	649.63
Lindgren, W.	146.95	Piper, William B.	143.30
Lovelace, Byron O.	68.50	Plummer, F. G.	254.43
Lull, Gerard B.	43.90	Pogge, Ulrich C.	7.80
Lyford, Chas. A.	74.20	Pond, Russell G.	392.50
McCain, Arthur C.	44.70	Pooler, Frank C. W.	400.63
McClure, Francis S.	20.00	Porter, H. K.	39.60
McClure, R. C.	169.58	Porter, H. W.	111.25
McConnell, Benjamin F.	83.05	Potter, A. F.	1,489.60
McFarland, Chas. D.	30.00	Powers, Allan R.	174.25
McGlone, Charles T.	549.44	Pratt, Lorum.	58.37
McKinnon, Wm. R.	565.20	Price, Overton W.	706.73
McMillan, Ross.	90.60	Pullman, Raymond W.	71.10
McMullin, C. E.	152.14	Rachford, C. E.	14.30
McPheters, Herbert G.	20.10	Ramskill, Jerome H.	172.63
McVean, M. J.	304.05	Read, A. D.	68.50
MacKaye, Benton.	148.81	Rocknagel, A. B.	920.61
Mackelfresh, Oscar S.	11.00	Record, S. J.	1,371.30
Mains, Guy B.	112.16	Redington, P. G.	1,075.15
Mainwaring, E. S.	246.68	Reed, F. W.	981.48
Margolin, Louis.	611.42	Reed, W. H.	352.31
Marr, Arthur N.	58.40	Reynolds, Dexter B.	8.20
Marshall, D. S.	374.17	Reynolds, R. V. R.	609.75
Marshall, G. E.	1,354.37	Rider, W. B.	50.11
Marshall, H. A. E.	382.52	Riley, Smith.	1,390.98
Mast, Wm. H.	1,822.07	Ringland, A. C.	853.43
Mattoon, W. R.	1,820.25	Robison, J. W.	150.00
Maule, W. M.	94.40	Rodgers, Robt. A.	66.30
Maxwell, Hu.	18.71	Rodman, Douglas.	89.70
Meagher, Thomas F., jr.	132.30	Rushing, Wm. J.	47.75
Mell, C. D.	576.11	Russell, E. C.	169.14
Merrill, H. G.	358.19	Rutledge, R. H.	89.90
Metcalf, H. C. E.	56.52	Sackett, H. S.	729.36
Milham, George W.	296.79	Salzman, F. N.	224.39
Miller, F. G.	310.48	Sampson, Arthur W.	100.23
Miller, L. C.	530.35	Sawyer, George E.	165.59
Miller, Robert E.	208.65	Schmitz, John M.	532.69
Mills, Enos A.	730.17	Schoonover, Charles E.	17.55
Mooney, William C.	20.70	Scott, Chas. A.	1,978.96
Moore, R. J.	114.03	Searcy, E. W.	3.10
Moore, S. L.	749.24	Seely, J. B.	332.17
Morrill, Fred W.	115.70	Seitz, Clyde R.	6.90
Morrill, H. G.	78.25	Shartzler, L. A.	18.10
Morrill, Walter J.	558.52	Shaw, Alexander C.	855.53
Morris, Albert.	29.75	Shaw, Ernest W.	582.20
Morrissey, E. F.	177.69	Shellabarger, R. W.	307.28
Morrissey, O. A.	11.45	Sheller, D. B.	831.90
Mundell, Lewis J.	11.65	Sherfese, W. F.	334.94
Myers, George Hewitt.	56.23	Sherman, E. A.	1,279.13
Neel, Harry C.	738.50	Sherrard, Thos. H.	1,532.21
Nelson, Jesse W.	47.00	Sherwin, Frank R., jr.	126.33
Nelson, John M., jr.	14.15	Shinn, Charles H.	1,518.77
Newlin, J. A.	113.76	Shockley, Hepler R.	176.85
Nichols, H. O.	189.27	Siecke, Eric O.	998.15
Norton, A. J.	810.22	Silcox, F. A.	404.50
Oakleaf, Howard B.	129.41	Skeels, Dorr.	83.55
O'Brien, Howard K.	225.99	Slosson, Willis M.	1,092.54
Olmsted, F. E.	1,333.05	Smith, Clinton G.	27.70
Oman, A. E.	680.41	Smith, C. Stowell.	428.67
Pack, Daniel S.	59.70	Smith, Herbert A.	454.84
Pack, Willard I.	398.75	Smith, J. F.	325.50
Parker, Rutledge.	78.05	Smith, Manasseh, jr.	189.70
Parnay, S. Y.	133.43	Smith, Stanton G.	1,331.74
Patterson, A. B.	106.51	Snell, Nathan E.	29.10
Patterson, John H.	16.00	Snodgrass, Perry L.	7.23
Patton, James W.	23.95	Snow, Orrin C.	159.00
Pearce, W. H.	350.35	Spencer, Frank C.	406.50
Peavy, George W.	2,660.05	Spring, S. N.	910.40



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "General expenses, Forest Service, 1907, \$887,140"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Squire, C. H. ....	\$348.77	Waha, A. O. ....	\$133.15
Squires, John F. ....	89.05	Walker, W. L. ....	498.45
Stabler, H. O. ....	1,202.93	Warner, Joseph DeWitt	992.73
Stahl, Carl J. ....	336.38	Weber, W. Hoyt. ....	77.84
Sterling, E. A. ....	964.83	Wedemeyer, Jno. T. ....	744.45
Sterritt, W. D. ....	384.02	Weigle, W. G. ....	1,075.91
Steward, Luther. ....	17.70	Weiss, H. F. ....	634.41
Stickney, Mallory N. ....	130.10	Weiteknecht, Robt. ....	120.97
Stroup, Andrew L. ....	217.30	Wells, J. C. ....	252.60
Stuart, Robert W. ....	125.00	Wells, Philip P. ....	243.35
Stuart, R. Y. ....	875.68	West, Thos. C. ....	26.65
Studley, Horace F. ....	630.98	Wheaton, Walter R. ....	118.45
Sudworth, Geo. B. ....	193.19	Wheeler, Herbert N. ....	287.21
Swan, O. T. ....	16.60	White, Harrison. ....	205.92
Swift, Theodore. ....	150.65	White, L. L. ....	1,114.43
Terrell, S. S. ....	121.05	White, W. W. ....	76.45
Thain, James G. ....	43.30	Whitney, Albert. ....	1.50
Thelen, Rolf. ....	352.18	Whitney, F. D. ....	126.40
Theurer, David O. ....	1.25	Will, Thomas E. ....	251.91
Thurston, H. W. ....	83.50	William, Eugene. ....	195.89
Tibbitts, Sewell. ....	283.15	Willson, Roscoe G. ....	11.90
Tiemann, Harry D. ....	202.31	Wilson, R. B. ....	832.97
Todd, Ira E. ....	188.79	Woodbury, Trueman D. ....	550.78
Tompkins, Frank. ....	290.52	Woodruff, Mark G. ....	310.54
Tompkins, H. J. ....	121.85	Woodward, Karl W. ....	936.39
Torstenson, N. O. ....	352.95	Woolsey, T. S., jr. ....	966.18
Tyler, A. ....	10.00	Worthley, I. T. ....	832.39
Tyler, Ramond. ....	33.85	Wrenstedt, Peter T. ....	152.30
Uhler, W. S. ....	204.94	Yerkes, H. B. ....	16.70
Vance, Edward N. ....	1.60	Ziegler, E. A. ....	174.85
Varela, A. G. ....	3.52	Zon, Raphael. ....	545.17
Von Bayer, W. H. ....	579.54		
Von Wernstedt, Lage. ....	1,347.27	Total. ....	170,005.06
Wagner, Frank H. ....	11.00		

Total amount of appropriation. ....	\$887,140.00
Total expenditures under above groups. ....	\$34,071.85
Unexpended balance. ....	53,068.15
Repayments to credit of appropriation. ....	134.22
Net unexpended balance. ....	53,202.37

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Charlton, R. H. ....	Forest inspector, at \$2,000, and forest supervisor and temporary special disbursing agent, at \$2,000 and \$2,100.	\$1,875.00	\$2,143.91
Langille, Wm. A. ....	Forest inspector, forest supervisor, and temporary disbursing agent, at \$1,800 and \$2,000, and forest supervisor and special fiscal agent, at \$2,000 and \$1 per diem.	2,068.00	2,260.73
Bronson, D. D. ....	Forest inspector, at \$1,400. ....	933.33	.....
Tompkins, Harry J. ....	Assistant forest inspector, at \$1,700 and \$1.25 per diem. ....	716.67	.....
Wedemeyer John T. ....	Inspector of grazing, at \$1,200. ....	100.00	.....
Sheller, David B. ....	Superintendent, at \$2,000. ....	1,666.66	.....
Breen, F. S. ....	Forest supervisor, at \$2,200 and \$2,300. ....	2,058.33	901.13
McClure, Robt. C. ....	Forest supervisor, at \$2,200. ....	2,016.66	169.58

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fenn, Frank A.	Forest supervisor, at \$2,000 and \$2,200.	\$1,916.66	\$532.34
Barratt, Louis A.	Forest supervisor, at \$2,000 and \$2,100.	1,875.00	443.10
Miller, Robt. E.	do.	1,350.00	
Day, Cassius M.	Forest supervisor, at \$2,000.	1,461.11	43.50
Sherman, Edw. A.	Forest supervisor, at \$1,800 and \$2,000.	1,400.00	
Shinn, Chas. H.	do.	1,733.33	1,518.77
Allen, G. F.	Forest supervisor, at \$1,800 and \$1,900.	1,533.33	
Bartrum, Smith C.	do.	1,666.66	549.00
Slosson, Willis M.	do.	1,691.66	1,092.54
Jackson, Wm. E.	Forest supervisor, at \$1,800.	1,650.00	264.56
White, Harrison.	do.	675.00	205.92
Koch, Elers.	Forest supervisor, at \$1,700.	708.33	
Jensen, A. W.	Forest supervisor, at \$1,600 and \$1,800.	1,550.00	421.29
Bigelow, R. L. P.	Forest supervisor, at \$1,600 and \$1,700.	1,508.33	493.55
Pooler, F. C. W.	do.	1,225.00	
Davis, Louis G.	Forest supervisor, at \$1,600.	1,066.66	423.51
Pearce, Wm. H.	Forest supervisor, at \$1,500 and \$1,800.	1,000.00	
Greeley, Wm. B.	Forest supervisor, at \$1,500 and \$1,700.	824.99	
Haines, F. N.	do.	1,458.33	734.28
Kneipp, L. F.	do.	1,175.00	
Milham, Geo. W.	do.	1,458.33	296.79
Pack, W. I.	do.	1,458.33	398.75
Scott, Chas. A.	do.	420.00	
Seely, Jasper B.	do.	1,458.33	332.17
Coleman, G. B.	Forest supervisor, at \$1,500 and \$1,600.	1,416.66	521.25
Ellis, S. L. N.	do.	1,416.66	250.35
Hogue, A. H.	do.	1,416.66	237.77
Jones, Zeph.	do.	1,016.66	
McConnell, B. F.	do.	1,416.66	83.05
Russell, Edwin C.	do.	1,016.66	
Farmer, John W.	Forest supervisor, at \$1,500.	500.00	
Smith, John F.	do.	1,375.00	325.50
Elliott, M. B.	Forest supervisor, at \$1,400 and \$1,800.	1,562.22	858.42
Bell, James R.	Forest supervisor, at \$1,400 and \$1,600.	1,366.66	621.63
Bushnell, Dwight.	do.	1,366.66	673.81
Clarke, Edwin H.	do.	1,366.66	74.03
Hurst, William.	do.	1,366.66	277.65
Kerr, John.	do.	1,100.00	
Spencer, F. C.	do.	1,366.66	406.50
Wheeler, H. N.	do.	1,366.66	287.21
Coleman, Geo. A.	Forest supervisor, at \$1,400 and \$1,500.	1,325.00	428.41
Hanson, Frederick.	do.	1,325.00	698.55
Morrissey, Edw. F.	do.	950.00	
Pack, Daniel S.	do.	1,325.00	59.70
Shellabarger, R. W.	do.	1,075.00	307.28
Williams, Eugene.	do.	1,325.00	195.89
Bowen, W. J.	Forest supervisor and deputy forest supervisor, at \$1,400.	1,283.33	
Conkling, D. T.	Forest supervisor, at \$1,400.	1,283.33	145.84
McMillan, Ross.	do.	700.00	90.60
Mains, Guy B.	do.	116.67	
Porter, H. K.	do.	1,283.33	39.60
Stroup, Andrew L.	do.	824.45	217.30
Stuart, Robt. W.	do.	311.11	125.00
Woodruff, Mark G.	do.	816.67	310.54
Ireland, Adison S.	Forest supervisor, at \$1,200 and \$1,600.	1,266.66	223.88
Barney, Geo. H.	Forest supervisor, at \$1,200 and \$1,500.	1,225.00	211.94
McGlone, Chas. T.	do.	1,225.00	549.44
Wrensted, Peter T.	do.	1,225.00	152.30
Squires, John F.	Forest supervisor, at \$1,200, \$1,400, and \$1,500, and deputy forest supervisor, at \$1,500.	1,271.11	89.05
Todd, Ira E.	Forest supervisor, at \$1,200 and \$1,400.	1,153.33	188.79
Meagher, T. F., jr.	Forest supervisor, at \$1,200.	686.67	132.30
Pratt, Lorum.	Forest supervisor and deputy forest supervisor, at \$1,200.	1,100.00	58.37
Thain, James G.	Forest supervisor, at \$1,100 and \$1,400.	1,130.27	43.30
Terrell, S. S.	Forest supervisor, at \$900, \$1,200, and \$1,300.	647.22	121.05
Cooley, Chas. F.	Forest supervisor, at \$900 and \$1,200.	1,017.50	36.22
Balle, C. T.	Forest supervisor and assistant forest ranger, at \$900.	825.00	31.55
Marshall, Daniel S.	Deputy forest supervisor, at \$1,400.	1,050.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Seitz, Clyde R.....	Deputy forest supervisor, at \$1,400.....	\$233.34	.....
Wilson, Robt. B.....	do.....	563.89	.....
Hafley, F. H.....	Deputy forest supervisor, at \$1,200, and forest supervisor, at \$1,400.....	1,183.33	\$134.39
Kling, L. A. H.....	Deputy forest supervisor, at \$1,200.....	700.00	.....
Marshall, G. E.....	Forest ranger, at \$1,500, and assistant lumberman, at \$1,500 and \$1,800.....	1,475.00	1,354.37
Reed, Wm. H.....	Forest ranger, at \$1,500, and forest supervisor, at \$1,500 and \$1,700.....	1,350.00	352.31
Lafferty, Jacob B.....	Forest ranger, at \$1,400, and forest supervisor, at \$1,400 and \$1,600.....	1,366.66	725.40
Mainwaring, Edw. S.....	do.....	966.66	.....
Marshall, H. A. E.....	do.....	1,366.66	382.52
Bunker, Page S.....	Forest ranger, at \$1,200, and forest supervisor, at \$1,200 and \$1,600.....	1,133.33	.....
Fenn, Homer E.....	do.....	1,266.66	222.83
Schmitz, John M.....	Forest ranger, at \$1,200 and forest supervisor, at \$1,500.....	1,300.00	532.69
Anderson, David.....	Forest ranger, at \$1,200, and forest supervisor, at \$1,400.....	1,183.53	230.20
Hogan, Thomas.....	do.....	1,183.33	391.31
Moore, Robt. J.....	do.....	950.00	.....
Torstenson, N. O.....	do.....	833.33	.....
Barnett, David.....	Forest ranger, at \$1,200 and \$1,400.....	345.00	.....
Baird, John S.....	do.....	933.34	.....
Kueny, Frank A.....	do.....	1,183.33	.....
Anderson, Wm. M.....	Forest ranger, at \$1,200 and \$1,300.....	1,141.66	.....
Blackhall, James.....	do.....	816.66	.....
Crow, B. H.....	do.....	1,141.66	14.00
Kenner, Beaugard.....	do.....	816.66	.....
La Plant, J. C.....	do.....	1,141.66	.....
Britten, Ernest.....	Forest ranger, at \$1,200.....	900.00	.....
Callister, T. Clark.....	do.....	470.00	.....
Chesher, A. L.....	do.....	583.33	.....
Collett, S.....	do.....	1,100.00	99.87
Pack, John A.....	do.....	1,036.66	.....
Ring, Geo. V.....	do.....	200.00	.....
Wade, Rufus K.....	do.....	200.00	.....
Whitney, F. D.....	do.....	800.00	.....
Wilkerson, N. E.....	do.....	1,096.67	.....
Burns, Mark.....	Forest ranger, at \$1,100 and \$1,400.....	875.00	.....
McKinnon, Wm. R.....	do.....	758.33	.....
Sherwin, F. R., jr.....	Forest ranger, at \$1,100 and \$1,300.....	1,091.66	126.33
Farley, George.....	Forest ranger, at \$1,100 and \$1,200.....	941.66	237.87
Reynolds, Albert.....	Forest ranger, at \$1,100.....	1,008.34	.....
Husted, Shop N.....	Forest ranger, at \$1,080 and \$1,200, and forest supervisor, at \$1,200 and \$1,600.....	1,261.66	256.01
Anderson, M. J.....	Forest ranger, at \$1,080 and \$1,200.....	740.00	.....
Douglas, S. H.....	do.....	1,040.00	28.60
Fenton, P. A.....	do.....	1,040.00	.....
Mullison, John H.....	do.....	1,040.00	.....
Thurston, Harry W.....	do.....	725.00	.....
Wells, John C.....	do.....	1,025.33	252.60
Woods, C. N.....	do.....	440.00	.....
Edmonston, Wm. D.....	Forest ranger, at \$1,080.....	810.00	.....
Randle, Chas. E.....	do.....	48.00	.....
O'Brien, H. K.....	Forest ranger, at \$1,000, and forest supervisor, at \$1,500.....	1,154.16	225.99
Hinderer, Edw. A.....	Forest ranger, at \$1,000 and \$1,200.....	1,080.55	.....
Harley, Frank W.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.....	1,050.00	.....
Morganroth, Christ.....	do.....	1,050.00	.....
Clafin, Albert B.....	Deputy forest ranger, at \$1,100.....	733.33	.....
Dean, Richard P.....	do.....	1,008.33	.....
Hall, Geo. W.....	do.....	275.00	.....
Hoy, Abraham L.....	do.....	1,008.33	.....
Webb, Chas. Y.....	do.....	571.39	.....
Dodge, Chas. H.....	Deputy forest ranger, at \$1,080, and forest ranger, at \$1,200.....	840.00	.....



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Blair, James A.	Deputy forest ranger, at \$1,000, forest ranger, at \$1,200, and forest supervisor, at \$1,200 and \$1,600.	\$833.32	
French, Harry H.	do	1,228.32	\$585.28
Kreutzer, Wm. R.	Deputy forest ranger, at \$1,000, and forest supervisor, at \$1,400.	1,071.66	199.03
Ireland, Henry.	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,200 and \$1,400.	1,072.78	133.91
Armstrong, Chas. W.	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,200.	1,000.00	
Benedict, Lewis.	do	1,000.00	
Burton, Wm. C.	do	947.22	
Coolin, David.	do	1,000.00	
Johnson, Lewis E.	do	986.11	
Martin, D. C.	do	1,000.00	
Phelps, Wm. A.	do	1,000.00	
Searcy, E. W.	do	1,000.00	3.10
Stewart, Thomas R.	do	863.89	
Taylor, Wm. B.	do	1,000.00	
Walter, William.	do	1,000.00	
McDonald, R. D.	Deputy forest ranger, at \$1,000 and \$1,100, and forest ranger, at \$1,200.	951.67	
Flournoy, Robt. W.	Deputy forest ranger, at \$1,000 and \$1,100.	958.33	
Hepburn, Edwin D.	do	944.44	17.15
Kelso, Wm. B.	do	958.33	16.15
Lillie, Frank C.	do	958.33	
McLeod, Malcolm.	do	958.33	
Mackay, A. J.	do	958.33	
Noddin, John T.	do	958.33	
Patterson, John H.	do	941.66	16.00
Robinson, W. C.	do	958.33	
Rudd, Wm. M., jr.	do	916.66	
Thornton, F. M.	do	958.33	
Caldwell, Bert F.	Deputy forest ranger, at \$1,000.	666.66	
Clack, John H.	do	166.66	
Crane, Joel E.	do	916.66	
Dehl, Sylvester.	do	916.66	
Eastland, J. C.	do	916.66	
Gibler, Harry.	do	416.66	88.52
Hayes, Harry G.	do	486.11	
Herrig, Fred.	do	905.55	
Long, Ernest B.	do	916.66	
Myrick, Lewis A.	do	916.66	
Newman, E. G.	do	416.66	
Tully, Eugene F.	do	916.66	
Wynant, Chas. M.	do	208.33	
Kurtz, Frank W.	Deputy forest ranger, at \$1,000, and assistant forest ranger, at \$900.	833.33	
Bentz, Geo. G.	Deputy forest ranger, at \$900, and forest ranger at \$1,400.	683.33	
Tyler, Raymond.	Deputy forest ranger, at \$900, and forest ranger at \$1,200.	105.00	33.85
Whidden, Geo. L.	do	905.00	
Nelson, Jesse W.	Deputy forest ranger, at \$900 and \$1,200.	650.00	
McCoy, Wm. H.	Deputy forest ranger, at \$900, \$1,100, and \$1,200.	916.66	
Bald, Geo. A.	Deputy forest ranger, at \$900 and \$1,100.	908.33	
Conrad, A. B.	do	781.67	
Hazzard, Wm. H.	do	633.33	
Hill, W. F.	do	908.33	
Hilton, F. P.	do	908.33	
Lynn, Arthur L.	do	908.33	
Reyes, Jacinto D.	do	886.94	
Stoddard, Carl.	do	908.33	
Wilson, J. P.	do	691.39	
Cryder, Wm. W., jr.	Deputy forest ranger, at \$900 and \$1,080.	795.00	
Campbell, Geo. F.	Deputy forest ranger, at \$900 and \$1,000, and deputy forest supervisor, at \$1,400.	794.44	
Sims, Matthew M.	Deputy forest ranger, at \$900 and \$1,000, and forest ranger, at \$1,200.	883.33	
Wallace, Wm. F.	do	975.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Chapin, G. B.	Deputy forest ranger, at \$900, \$1,000, and \$1,100.	\$933.33	
Power, Wm. H.	do.	922.50	
Begue, Phillip	Deputy forest ranger, at \$900 and \$1,000.	708.33	
Christiansen, P.	do.	866.66	
Davis, Samuel T.	do.	866.66	
Edgerton, E. S.	do.	533.33	
Glover, Geo. M.	do.	611.00	
Hiett, Robt. H.	do.	866.66	
Kropke, Wm. G.	do.	866.66	
Lee, Chas. W.	do.	523.33	
Lewis, P. Y.	do.	866.66	
McLain, John W.	do.	322.49	
Miller, Robt. H.	do.	866.66	
Orr, James O.	do.	616.66	
Prout, J. H.	do.	866.66	
Reid, John.	do.	601.66	
Reyes, Gerard V.	do.	847.22	
Seaman, James V.	do.	866.66	
Snyder, Arthur	do.	866.66	
Tibbetts, Sewell.	do.	858.33	\$283.15
Wilkinson, Harry.	do.	866.66	
Wright, E. E.	do.	866.66	
Alsop, John D.	Deputy forest ranger, at \$900.	332.50	
Busher, Louis.	do.	300.00	
Caley, Wm. S.	do.	375.00	
Chandler, Orland.	do.	425.00	
Ferris, Fred J.	do.	12.50	
Gray, Wm. W.	do.	75.00	
Green, Olney O.	do.	600.00	
Hall, John, jr.	do.	675.00	
Holland, B. B.	do.	292.50	
McDermont, Hugh.	do.	435.00	
Northup, B. L.	do.	40.00	
Russell, Edw. F.	do.	357.50	
Scofield, Chas. R.	do.	150.00	
Slosson, L. M.	do.	75.00	
Smith, John R.	do.	807.50	
Williams, D. H.	do.	600.00	
Bingham, Wm. F.	Assistant forest ranger and deputy forest ranger, at \$1,000.	666.66	
Kirney, James H.	do.	369.43	
McCarn, Frank.	Assistant forest ranger, at \$1,000.	44.44	
Peter, Geo. A.	do.	58.33	
Stockwell, Andrew G.	do.	750.00	
Hoyt, T. C.	Assistant forest ranger, at \$900, forest ranger, at \$1,400, and forest supervisor, at \$1,400 and \$1,600.	1,283.33	301.90
Snell, N. E.	Assistant forest ranger, at \$900, and forest ranger, at \$1,400.	921.67	29.10
Grandjean, Emile.	Assistant forest ranger, at \$900, and forest ranger at \$1,300.	991.66	294.70
Rutledge, R. H.	Assistant forest ranger, at \$900, forest ranger, at \$1,200, and forest supervisor, at \$1,400.	676.39	
Selkirk, Robt. J.	do.	995.00	
Snow, Orrin C.	do.	1,146.66	159.00
Goddard, Wm. H.	do.	1,055.00	
Hall, Chas. C.	Assistant forest ranger, at \$900, and forest ranger, at \$1,200 and \$1,400.	650.00	
Ashlock, N. S.	Assistant forest ranger, at \$900, and forest ranger, at \$1,200.	632.50	
Black, Chas.	do.	950.00	
Case, John B.	do.	1,029.17	
Chidsey, T. E.	do.	650.00	
Gordon, Geo. A.	do.	950.00	
Holbrook, Wellman.	do.	950.00	
Hudson, C. W.	do.	950.00	
Imes, Carl.	do.	950.00	
Ingram, Guy M.	do.	558.33	
Lovelace, B. O.	do.	943.75	68.50
McCoy, William.	do.	950.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.—Cont'd.</i>			
McMullin, Chas. E.....	Assistant forest ranger, at \$900, and forest ranger, at \$1,200.	\$850.00	.....
Perrine, W. S.....	do.....	950.00	.....
Pogge, U. C.....	do.....	900.00	.....
Shaw, Ernest W.....	do.....	427.50	.....
Spencer, Henry L.....	do.....	850.00	.....
Steele, Foster.....	do.....	650.00	.....
Wyman, Cyrus K.....	do.....	750.00	.....
Harris, S. F.....	Assistant forest ranger, at \$900, deputy forest ranger, at \$1,100, and forest supervisor, at \$1,400.	1,021.67	\$193.44
Ballinger, Chas. A.....	Assistant forest ranger, at \$900, deputy forest ranger, at \$1,100, and deputy forest supervisor, at \$1,400.	958.33	.....
McCain, Arthur C.....	do.....	908.33	44.70
Foster, I. W.....	Assistant forest ranger, at \$900, deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.	936.39	.....
Stahl, Carl J.....	do.....	578.34	.....
Giffin, M. F.....	Assistant forest ranger, at \$900, forest ranger, at \$1,100 and \$1,200.	937.77	.....
Birdno, Geo. H.....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,100.	858.33	16.65
Brownlow, O. P.....	do.....	888.33	.....
Carpenter, Grant.....	do.....	908.33	.....
Conlon, Joseph F.....	do.....	896.11	.....
Cosper, Bert.....	do.....	880.82	.....
Cuenin, J. M.....	do.....	908.33	.....
Douglas, A. H.....	do.....	908.33	.....
Erickson, Neil.....	do.....	908.32	.....
Funk, Wm. D.....	do.....	786.65	.....
Glossbrenner, J. W.....	do.....	908.33	.....
Harris, Lee A.....	do.....	666.67	.....
Henrie, Samuel E.....	do.....	908.33	.....
Hoyt, Geo. E.....	do.....	565.00	.....
Kaufman, Harry S.....	do.....	633.33	.....
Lewis, Lester J.....	do.....	908.33	.....
Libeu, John B.....	do.....	908.33	.....
Lowell, J. W., jr.....	do.....	908.33	.....
McPherson, S. I.....	do.....	908.33	.....
Marston, Lea.....	do.....	908.33	.....
Maryott, Dana W.....	do.....	833.89	.....
Melrose, James W.....	do.....	916.66	.....
Quigley, C. J.....	do.....	908.33	.....
Rachford, C. E.....	do.....	863.33	14.30
Rachliff, T. S.....	do.....	752.50	.....
Rodgers, Robt. A.....	do.....	625.56	.....
Ross, Homer.....	do.....	439.45	.....
Rudd, Davis B.....	do.....	908.33	.....
Rushing, Wm. J.....	do.....	905.83	47.75
Rutledge, W. H.....	do.....	936.67	.....
Schoonover, Chas. E.....	do.....	908.33	17.55
Seaman, Frank W.....	do.....	903.33	.....
Smith, Chas. L.....	do.....	850.27	.....
Smith, Frank T.....	do.....	908.33	.....
Smith, Geo. C.....	do.....	758.89	.....
Thenon, Edw.....	do.....	697.50	.....
Van Deventer, J.....	do.....	834.17	.....
Wasson, Thomas.....	do.....	908.33	.....
Berry, Wm. E.....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,080.	900.00	.....
Daug, Wm. H.....	Assistant forest ranger, at \$900; deputy forest ranger, at \$1,000, and deputy supervisor, at \$1,300.	891.66	.....
Pace, Chas. W.....	Assistant forest ranger, at \$900; deputy forest ranger, at \$1,000, and forest ranger, at \$1,200.	897.22	.....
Snodgrass, P. L.....	do.....	885.00	7.23
Swenning, S. S.....	do.....	916.66	.....
Williams, A. H.....	do.....	993.06	.....



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McLaren, John.....	Assistant forest ranger, at \$900; deputy forest ranger, at \$1,000 and \$1,100, and forest ranger, at \$1,200.	\$960.01	
Blair, Frank A.....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000 and \$1,100.	950.83	
Mack, Clarence A.....	do	950.83	
Williams, Chas. E.....	do	950.83	
Adamson, Jesse W.....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.	866.66	\$17.30
Ainger, Fred E.....	do	866.66	
Alen, Geo. H.....	do	866.66	
Alexander, Leslie.....	do	866.66	
Allen, J. H. B.....	do	866.66	
Allen, S. P.....	do	866.66	
Alles, Conrad.....	do	866.66	
Ammon, Junius L.....	do	715.00	
Antonini, Wm. A.....	do	864.16	
Baker, Wm. W.....	do	866.66	
Bennett, James.....	do	866.66	
Bingham, Cyrus J.....	do	866.66	
Bish, Edward.....	do	866.66	
Blankenship, S. A.....	do	542.51	
Bonner, V. L.....	do	866.66	
Borum, Wm. W.....	do	866.66	
Bradley, R. N.....	do	866.66	
Bradt, Clarence E.....	do	864.16	
Buchanan, C. E.....	do	595.27	
Butler, H. M.....	do	866.66	
Campbell, Wm. A.....	do	531.66	
Chapson, Elmer E.....	do	676.66	
Clark, Edw. M.....	do	795.83	
Clark, Frank N.....	do	866.66	
Cleaveland, H. A.....	do	675.83	
Cline, John.....	do	866.66	
Coleman, Oliver S.....	do	866.66	
Cooke, J. E.....	do	866.66	
Crandell, Lemuel D.....	do	852.78	10.10
Cress, Geo. H.....	do	866.66	11.00
Crow, George.....	do	866.66	
Davis, Chas. A.....	do	866.66	
Davison, Edgar B.....	do	866.66	
De Groot, Peter.....	do	866.66	
De Long, James H.....	do	536.11	
Derrick, Walter J.....	do	866.66	
Duffy, Bernard J.....	do	866.66	
Durant, M. J.....	do	758.33	
Easton, Henry T.....	do	817.77	
Evelth, Ralph J.....	do	866.66	
Farrar, Calvin L.....	do	851.66	
Fick, Chas. H.....	do	819.43	
Fishel, E. E.....	do	866.66	
Fisher, Geo. A.....	do	866.66	
Fisher, Jerry J.....	do	866.66	
Fitton, David E.....	do	733.33	
Forsyth, R. G. H.....	do	866.66	
Fulford, Marshall.....	do	721.95	
Graham, Joseph E.....	do	861.10	
Green, Otto T.....	do	834.44	
Gribble, Elmer W.....	do	426.66	
Griffith, Paul F.....	do	866.66	
Hale, Forest.....	do	866.66	
Hall, Geo. A.....	do	851.66	
Hall, Henry C.....	do	595.55	
Hapner, Albert S.....	do	866.66	
Harvey, J. Rcy.....	do	405.83	
Hays, Samuel R.....	do	866.66	
Heavey, Ed. H.....	do	584.16	
Hettinger, August.....	do	866.66	
Hicks, Arthur G.....	do	841.66	
Hoffmann, A. H.....	do	866.66	8.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907; under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Jeken, F. J.	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.	\$833.33	
Julien, Taylor E.	do.	888.61	
Kinsey, Theo. T.	do.	866.66	
Klein, Oswald H.	do.	783.33	
Laing, David.	do.	866.66	
Laufeld, Paul.	do.	866.66	
Leatham, James.	do.	866.66	\$50.05
Lee, Alfred T.	do.	866.66	
Liebig, Frank F.	do.	866.66	
Litchfield, Wm. G.	do.	861.66	
Lowell, James J.	do.	866.66	
McCreery, Lewis N.	do.	866.66	
McKenzie, Ray.	do.	866.66	
McPheters, H. G.	do.	866.66	20.10
Mackelfresh, Oscar S.	do.	866.66	11.00
Martin, A. D.	do.	813.66	
Melrose, J. M.	do.	783.33	
Miller, Charles N.	do.	866.66	
Mortimore, E. E.	do.	616.66	
Moylle, S. E.	do.	616.66	
Mullison, Geo. H.	do.	675.83	
Mundy, John.	do.	866.66	
Muzzall, H. W.	do.	866.66	
Myers, Thomas G.	do.	866.66	
Payne, E. D.	do.	866.66	
Penrod, David I.	do.	866.66	
Platten, Fred.	do.	866.66	
Poole, Charles G.	do.	616.66	
Porter, J. J.	do.	758.34	
Pyle, Lewis R.	do.	866.66	
Raphael, John.	do.	533.33	
Riggs, Blaine L.	do.	866.66	
Roberts, A. C.	do.	616.66	
Sears, Willard L.	do.	848.66	
Servoss, Frank R.	do.	866.66	
Sevier, Willard L.	do.	733.33	
Shellabarger, C. W.	do.	864.16	
Shelley, R. S.	do.	866.66	
Shurtz, Ambrose.	do.	866.66	
Silvas, Jose M.	do.	866.66	
Smith, R. L.	do.	405.83	
Smith, Truman O.	do.	866.66	
Smith, Wm. W.	do.	866.66	
Smith, Wm. Wiley.	do.	533.33	
Strawn, A. L.	do.	866.66	
Swim, C. B.	do.	616.66	
Switzer, Bert W.	do.	866.66	
Thompson, Claude.	do.	833.33	
Underwood, Robt. N.	do.	866.66	
Urquhart, Keith A.	do.	866.66	
Vinton, Alva J.	do.	866.66	
Wagner, Frank H.	do.	866.66	11.00
West, Thomas C.	do.	866.66	26.65
White, Harry E.	do.	866.66	
White, Roy R.	do.	866.66	
Whitney, Chas. A.	do.	866.66	
Winkler, Ernest.	do.	866.66	
Wofford, Audie K.	do.	866.66	
Yarnall, Silas W.	do.	616.66	
Wallace, Joseph D.	Assistant forest ranger, at \$900 and \$1,000.	329.44	
Abbey, Harvey.	Assistant forest ranger, at \$900.	375.00	
Adams, Martin H.	do.	300.00	
Albrecht, H. F.	do.	465.00	
Anderson, J. F.	do.	810.00	
Anderson, Lewis H.	do.	490.00	
Armentrout, E. S.	do.	825.00	15.90
Averett, Murray.	do.	60.00	
Babbitt, W. H.	do.	825.00	
Bach, James F.	do.	825.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bacon, W. W., jr.....	Assistant forest ranger, at \$900.....	\$387.50	
Bannister, L. O.....	do.....	777.50	
Barber, Jack R.....	do.....	45.00	
Barnard, John.....	do.....	202.50	
Barrows, Albert L.....	do.....	150.00	
Barstow, G. J.....	do.....	345.00	
Bean, Paul T.....	do.....	57.50	
Beard, J. D. F.....	do.....	825.00	
Belknap, Geo. E.....	do.....	242.50	
Berglund, Abel C.....	do.....	817.50	
Bidgood, Claude L.....	do.....	27.50	
Bixby, James L.....	do.....	280.00	
Bond, Ernest C.....	do.....	817.50	
Bondurant, B. F.....	do.....	450.00	
Booth, John R.....	do.....	140.00	
Bourm, Thomas M.....	do.....	585.00	
Bowers, Walter F.....	do.....	270.00	
Brown, C. A.....	do.....	70.00	
Bryant, Cyrus L.....	do.....	597.50	
Bunting, Jay.....	do.....	300.00	
Burke, Thomas J.....	do.....	165.00	
Caley, Eugene C.....	do.....	812.50	
Carrington, Enoch.....	do.....	300.00	
Chamberlin, Geo. W.....	do.....	400.00	
Clark, Jay C.....	do.....	587.50	
Cleave, Paul.....	do.....	22.50	
Clifton, Samuel B.....	do.....	825.00	
Colburn, Brewer A.....	do.....	330.00	
Cole, Geo. A.....	do.....	15.00	
Collins John W.....	do.....	280.00	
Conrad, Howard M.....	do.....	115.00	
Cooper, Lee E.....	do.....	290.00	\$16.25
Couch, Edmund.....	do.....	35.00	
Coulter, Otto V.....	do.....	22.50	
Cox, Wm. W.....	do.....	780.00	
Crawford, F. W.....	do.....	20.00	
Critchfield, F. H.....	do.....	825.00	
Crow, Glennburn H.....	do.....	90.00	
Cunningham, F. P.....	do.....	75.00	
Darby, Austin E.....	do.....	375.00	
David, John E.....	do.....	150.00	
Davidson, Z. T.....	do.....	825.00	
Decker, Isaac W.....	do.....	825.00	
De la Riva, A. G.....	do.....	825.00	
De Long, Albert H.....	do.....	70.00	
Dewell, Roy D.....	do.....	675.00	
Donaldson, W. A.....	do.....	497.50	
Dorwaldt, R. A. T.....	do.....	125.00	
Dunham, Daniel J.....	do.....	337.50	
Dyke, John.....	do.....	300.00	
Evans, Fred E.....	do.....	260.00	
Ferguson, John A.....	do.....	37.50	
Finch, Emery J.....	do.....	750.00	
Finley, Robert.....	do.....	40.00	
Fitting, Louis.....	do.....	825.00	
Flormann, Hugo C.....	do.....	300.00	
Frausham, Rthesis.....	do.....	825.00	
Galbraith, J. F.....	do.....	260.00	
Gardner, Percy.....	do.....	600.00	
Garrison, J. S.....	do.....	772.50	
Geduhn, Frank C.....	do.....	825.00	
Gleason, Carl W.....	do.....	825.00	
Goodwin, G. T.....	do.....	132.50	
Gordon, Ralph W.....	do.....	602.50	
Graham, Fred.....	do.....	450.00	
Haase, Albert J.....	do.....	525.00	
Haines, Roscoe.....	do.....	265.00	
Hanks, Walter E.....	do.....	450.00	
Hardy, Chas. P.....	do.....	825.00	
Harris, A. E.....	do.....	175.00	
Harris, Geo. F.....	do.....	360.00	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Harris, Harvey W	Assistant forest ranger, at \$900	\$225.00	
Hastings, Edw. F	do.	60.00	
Hastings, Lucas W	do.	735.00	
Hathaway, Elmer E	do.	75.00	
Hector, John H	do.	600.00	
Hedrick, Orlando	do.	350.00	
Heilman, B. C	do.	55.00	
Henderson, Sebird	do.	825.00	
Hinst, Henry C	do.	380.00	
Hooper, Albert N	do.	820.00	\$16.70
Hough, J. T.	do.	240.00	
Howell, Thomas F	do.	375.00	
Hubbard, Guy N	do.	110.00	
Humphrey, Joseph W	do.	730.00	
Hurt, Lonzo D	do.	375.00	
Hurttt, Able Z	do.	825.00	
Iverson, Andrew C	do.	112.50	
Jayne, Milton R	do.	115.00	
Jones, B. W	do.	307.50	
Jorgens, John W	do.	365.00	
Kandel, John B	do.	97.50	
Kanistanaux, W. H	do.	57.50	
Keller, Alley C	do.	825.00	
Kertz, Chas. H	do.	167.50	
Knight, Julian A	do.	322.50	
Knowlton, F. F	do.	300.00	
Lantry, V. G., jr	do.	190.00	
Larsen, Axel E	do.	260.00	
Leaton, Emert H	do.	360.00	
Lewis, John	do.	77.50	
Liston, Rufus H	do.	345.00	
Lorenzen, Lewis N	do.	321.50	
Lucas, Thomas	do.	767.50	
McAllister, M. L	do.	107.50	
McChavez, Jose, jr	do.	225.00	
McCullough, Wm. A	do.	750.00	
McDonald, A. O	do.	825.00	
McElroy, Hugh C	do.	200.00	
McKee, Silas L	do.	427.50	
McNeil, Hiram H	do.	225.00	
Madsen, Joseph C	do.	347.50	
Mason, W. G	do.	102.50	
Mattice, Benjamin	do.	297.50	
Mattsson, B. E	do.	675.00	
Mead, Frank L	do.	75.00	
Merrill, Gerald	do.	825.00	
Meyer, Arthur R	do.	372.50	
Miller, Harry E	do.	220.00	
Miller, Wm. H	do.	112.50	
Millett, J., jr	do.	562.50	
Morrissey, Otto A	do.	495.00	11.45
Mosimann, Louis H	do.	825.00	
Mumbroe, Victor H	do.	132.50	
Musgrove, H. S	do.	83.75	
Myers, Lester S	do.	75.00	
Nealeigh, Ila C	do.	75.00	
Newcomb, Archie	do.	200.00	
Nichols, Wm. J	do.	375.00	
Nielson, Oluf G	do.	375.00	
Oden, Chas. V	do.	386.25	
Orr, Thos. J., jr	do.	300.00	
Pace, Wilford	do.	427.50	
Patterson, Chas. F	do.	75.00	
Park, Chas. H	do.	75.00	
Peterson, Peter G	do.	600.00	
Phillips, Ress	do.	222.50	
Pierce, Wm. H	do.	825.00	
Pierpont, R. B	do.	825.00	
Pine, Myron	do.	750.00	
Pratt, Samuel R	do.	50.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd</i>			
Price, N. B.	Assistant forest ranger, at \$900	\$75.00	
Proffitt, S. O.	do	120.00	
Rae, Albert E.	do	300.00	
Rea, Jonathan E.	do	490.00	
Redstone, A. E.	do	635.00	
Reed, Geo. A.	do	795.00	
Reed, James B.	do	375.00	
Rice, John W.	do	825.00	
Richardson, B. R.	do	60.00	
Ridgeway, Roy D.	do	65.00	
Rogers, R. R.	do	295.00	
Root, Geo. E.	do	450.00	
Rose, Hyrum O.	do	300.00	
Rosecerans, Rudolph	do	525.00	
Ryan, Josephus	do	75.00	
Ryerson, John W.	do	375.00	
Saunders, Harold J.	do	75.00	
Say, Arthur P.	do	825.00	
See, William	do	825.00	
Senecal, John B.	do	412.50	
Sevier, Jesse M.	do	825.00	
Shumway, S. B.	do	132.50	
Simons, Wm. E.	do	335.00	
Simpson, Jacob	do	825.00	
Sisney, Porter H.	do	25.00	
Sivertson, J. S.	do	15.00	
Sloan, Thomas W.	do	427.50	
Slosson, S. A.	do	75.00	
Smiley, James W.	do	375.00	
Smith, Byron E.	do	450.00	
Smith, Charles	do	600.00	
Smith, Edgar W.	do	825.00	
Smith, F. H.	do	75.00	
Smith, Glen A.	do	150.00	
Sobey, Frank P.	do	182.50	
Sparhawk, Frank O.	do	225.00	
Stahl, Edward G.	do	422.50	
Stauchfield, J. G.	do	117.50	
Stevens, Horace H.	do	800.00	
Stewart, John	do	100.00	
Stewart, Wm. A.	do	337.50	
Stillman, A. Z.	do	32.50	
Stiner, Javan O.	do	300.00	
Stuart, James	do	337.50	
Sullivan, John	do	675.00	
Swan, William	do	600.00	
Swanson, Robt. L.	do	327.50	
Sweitzer, A. L.	do	75.00	
Swift, Theodore	do	300.00	\$150.65
Tanner, Earl B.	do	92.50	
Taylor, Robt. L.	do	50.00	
Thomson, F. S.	do	467.50	
Thompson, Thomas	do	300.00	
Thorpe, Lucien W.	do	87.50	
Tilghman, Lewis C.	do	487.50	
Trathen, S. P.	do	47.50	
Turnbow, John G.	do	225.00	
Underwood, Chas. H.	do	22.50	
Vance, James D.	do	720.00	
Van Winkle, H. F.	do	75.00	
Wallace, Wm. J.	do	90.00	
Watson, Robt. J.	do	375.00	
Wessel, Louis	do	357.50	
West, John C.	do	597.50	
Widman, Geo. C.	do	182.50	
Wieke, William	do	487.50	
Wigal, Elias J.	do	477.50	
Wilcox, Hiram R.	do	115.00	
Williamson, L. D.	do	825.00	
Wood, V. T.	do	750.00	
Woolstenhulme, T. E.	do	62.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Workman, Louis J.	Assistant forest ranger, at \$900	\$142.50	
Wright, J. H.	do.	60.00	
Wyman, Fred K.	do.	225.00	
Young, Carl H.	do.	600.00	
Zumwalt, Edw. S.	do.	277.50	
Zumwalt, E. B.	do.	450.00	
Anderson, Chas. H.	Assistant forest ranger, at \$840 and \$900, and deputy forest ranger, at \$1,000.	594.99	
Ruff, John H.	do.	596.66	
Frye, C. W.	Assistant forest ranger, at \$840 and \$900	403.67	
Scholefield, A. M.	Assistant forest ranger, at \$840	331.33	
Smith, Elias H.	Assistant forest ranger, at \$720, and deputy forest ranger, at \$1,100.	628.33	
Cooper, Warren M.	Assistant forest ranger, at \$720 and \$900, and deputy forest ranger, at \$1,000.	468.33	
Browder, Sim E.	Assistant forest ranger, at \$720 and \$900	214.00	
Brown, Roland W.	do.	685.00	
Buker, Edson T.	do.	760.00	
Christensen, T.	do.	757.50	
Graham, John, jr.	do.	465.00	
Griffitts, Howard H.	do.	510.00	
Hennings, B. W.	do.	323.00	
Madsen, Parley C.	do.	346.00	
Purdy, Lewis	do.	240.00	
Reynolds, Dexter B.	do.	727.00	\$8.00
Robinson, W. K.	do.	390.00	
Smith, Wm. A.	do.	735.00	
Waldref, Henry	do.	397.50	
Whiting, John K.	do.	540.00	
Bimerick, Henry	Assistant forest ranger, at \$720	8.00	
Brown, G. D.	do.	110.00	
Chambers, Harry W.	do.	22.00	
Garrison, H. O.	do.	240.00	
Laird, Thomas W.	do.	120.00	
Mazrall, Frank	do.	208.00	
Schermerhorn, W. H.	do.	208.00	
Sheffield, N. L.	do.	10.00	
Spencer, Ira E.	do.	150.00	
Stout, James	do.	278.00	
Wright, Chas. C.	do.	180.00	
Hinderer, Chas. C.	Forest guard and assistant forest ranger, at \$900; deputy forest ranger, at \$1,100; and forest ranger, at \$1,400.	921.67	
Allred, J. Carl	Forest guard, at \$900; assistant forest ranger, at \$900, and deputy forest ranger, at \$1,100.	908.33	
Willson, R. G.	Forest guard and assistant forest ranger, at \$900, and deputy forest ranger, at \$1,100.	908.33	
Zachan, Arthur H.	do.	908.33	
Andrews, Frank E.	Forest guard, at \$900	150.00	
Avery, Frank E.	do.	20.00	
Beal, Orion L.	do.	40.00	
Bennett, James M.	do.	105.00	
Blankenship, E. O.	do.	150.00	
Blankenship, H. C.	do.	75.00	
Breidenstein, F. L.	do.	210.00	
Brown, J. Arthur	do.	75.00	
Brundige, Lew	do.	75.00	
Bucher, A. J.	do.	75.00	
Card, William	do.	75.00	
Cox, Giles A.	do.	75.00	
Cressler, B. F.	do.	75.00	
Criswell, Wm. H.	do.	210.00	
Croxford, Harry	do.	150.00	
Donery, Joseph A.	do.	27.50	27.37
Emmons, Chas. L.	do.	40.00	
Evans, Thomas	do.	150.00	
Flsk, Dannie W.	do.	75.00	
Fitting, R. R.	do.	75.00	
Fleming, J. W.	do.	75.00	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fowler, Joseph.....	Forest guard, at \$900.....	\$62.50	
Gallogly, James.....	do.....	72.50	
Gintz, Frank E.....	do.....	132.50	
Harrington, L. C.....	do.....	75.00	
Haston, Warren S.....	do.....	207.50	
Heighe, F. C., jr.....	do.....	135.00	
Hulbert, E. W.....	do.....	142.50	
Hurd, H. L.....	do.....	75.00	
Irvine, C. M.....	do.....	45.00	
Irwin, W. W.....	do.....	15.00	
Kirehner, John.....	do.....	75.00	
Lewis, R. O.....	do.....	140.00	
Lucas, L. E.....	do.....	27.50	
McDaniel, Wm. K.....	do.....	27.50	
Mahu, E. H.....	do.....	32.50	
Marring, W. V.....	do.....	75.00	
Mock, M. A.....	do.....	90.00	
Moore, Stephen A.....	do.....	40.00	
Neal, Clifford E.....	do.....	27.50	
Norton, Geo. A.....	do.....	127.50	
Owens, James T.....	do.....	150.00	
Peterson, Andrew.....	do.....	170.00	
Peterson, Chas. R.....	do.....	75.00	
Phillips, Bert G.....	do.....	75.00	
Porter, G. I.....	do.....	75.00	
Pruitt, Grover C.....	do.....	137.50	
Ranney, Geo. F.....	do.....	150.00	
Rawson, Alvan L.....	do.....	112.50	
Rice, Delmer S.....	do.....	85.00	
Robertson, A. V.....	do.....	150.00	
Rose, Donald M.....	do.....	150.00	
Rose, E. P.....	do.....	62.50	
Schick, Harry C.....	do.....	22.50	
Shannon, Aaron T.....	do.....	77.50	
Shipp, Leslie E.....	do.....	62.50	
Snow, Ellis B.....	do.....	115.00	
Steele, J. W.....	do.....	125.00	
Story, C. W., jr.....	do.....	37.50	
Stuart, F. C.....	do.....	75.00	
Thomas, Wm. L.....	do.....	15.00	
Thompson, B. F.....	do.....	25.00	
Thompson, Robert.....	do.....	35.00	
Tungate, Ira.....	do.....	147.50	
Watson, Chas. E.....	do.....	62.50	
Whitlatch, J. S.....	do.....	187.50	
Wilkerson, Jerry F.....	do.....	10.00	
Woolsey, J. H.....	do.....	17.50	
Wright, Frank H.....	do.....	75.00	
Parker, Rutledge.....	Forest guard, at \$720 and \$1.50 per diem.....	659.00	\$78.05
Phipps, James B.....	Forest guard, at \$720 and 50 cents per diem.....	90.50	
Merrill, W. A.....	Forest guard, at \$720, and assistant forest ranger, at \$1,100.....	295.00	
Higgins, Chas. G. Y.....	Forest guard, at \$720, assistant forest ranger, at \$900, forest ranger, at \$1,200, and forest supervisor, at \$1,400.....	994.16	119.32
Harris, Hugh H.....	Forest guard, at \$720, assistant forest ranger, at \$900, and forest ranger, at \$1,400.....	562.22	
Fay, Walter A.....	Forest guard, at \$720, assistant forest ranger, at \$900, and forest ranger, at \$1,200.....	835.00	
Helfrich, Frank.....	do.....	876.00	
Wickersham, M. A.....	do.....	890.00	
Kavanagh, E. N.....	Forest guard, at \$720, assistant forest ranger, at \$900, deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.....	786.66	
Campbell, W. M.....	Forest guard, at \$720, assistant forest ranger, at \$900, and deputy forest ranger, at \$1,100.....	848.33	
Clay, Samuel H.....	do.....	848.33	
Neill, Reuben L.....	do.....	824.33	
Riddle, Wallace M.....	do.....	708.67	
Sullens, J. M.....	do.....	781.67	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Jones, Edw. E. ....	Forest guard, at \$720, assistant forest ranger, at \$900, and forest ranger, at \$1,100.	\$823.89	.....
Kelley, Evan W. ....	do.	823.89	.....
Shockley, H. R. ....	Forest guard, at \$720, assistant forest ranger, at \$900, forest ranger and deputy forest supervisor, at \$1,000.	806.66	\$176.85
Bailey, James D. ....	Forest guard, at \$720, assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.	806.66	.....
Bergh, Henry A. ....	do.	773.33	56.50
Brough, Walter F. ....	do.	806.66	.....
Buchtolz, James O. ....	do.	801.66	.....
Bunker, Ernest C. ....	do.	746.66	.....
Chivington, H. H. ....	do.	806.66	.....
Cyphers, Wm. S. ....	do.	806.66	.....
Hurd, H. C. ....	do.	799.66	.....
Jacques, Thomas E. ....	do.	806.66	.....
Mackenzie, T. P. ....	do.	773.33	.....
Ratliff, J. H. ....	do.	782.99	.....
Shields, John ....	do.	542.66	.....
Westfall, J. F. ....	do.	804.66	.....
Vance, Edw. N. ....	do.	762.66	1.60
Abbott, Albert J. ....	Forest guard, at \$720, and assistant forest ranger, at \$900.	575.00	.....
Alverson, John E. ....	do.	615.00	.....
Barr, Wm. J. ....	do.	254.00	.....
Bayer, Chas. A. ....	do.	540.00	.....
Bellairst, Newton G. ....	do.	780.00	.....
Berry, Chas. H. ....	do.	752.50	.....
Bonebrake, Geo. A. ....	do.	275.00	.....
Booker, Geo. W. ....	do.	315.00	.....
Bowen, R. A. ....	do.	735.00	.....
Brannan, H. W. ....	do.	703.00	.....
Broadhurst, Geo. W. ....	do.	390.00	.....
Brockbank, J. P. ....	do.	540.00	.....
Brown, Wm. J. ....	do.	737.50	.....
Castle, Harry L. ....	do.	736.50	.....
Cavin, Geo. W. ....	do.	761.00	.....
Clark, Robt. E. ....	do.	165.00	.....
Clark, W. J. ....	do.	670.00	.....
Colman, S. M. ....	do.	680.00	.....
Crandell, H. W., jr. ....	do.	672.50	.....
Crockett, Geo. D. ....	do.	735.00	.....
Crossley, Thomas. ....	do.	243.00	.....
Dexter, J. C. ....	do.	410.00	.....
Dinsmore, T. T. ....	do.	765.00	.....
Dwire, C. R. ....	do.	762.50	.....
Faulkner, N. C. ....	do.	570.00	.....
Foster, Arthur B. ....	do.	315.00	.....
Gallegos, Tibo. ....	do.	613.00	.....
Garner, Newton. ....	do.	755.00	.....
Garrett, B. R. ....	do.	735.00	.....
Gibbons, Wm. W. ....	do.	761.00	.....
Gooldy, P. L. ....	do.	345.00	.....
Gray, Chas. T. ....	do.	765.00	.....
Gray, John T. ....	do.	723.00	.....
Gribble, W. L. ....	do.	325.00	.....
Guthrie, Hugh M. ....	do.	249.50	.....
Hardy, Albert A. ....	do.	765.00	.....
Herrick, C. E. ....	do.	569.00	.....
Hilt, John F. ....	do.	432.50	.....
Hjort, Carl K. ....	do.	765.00	17.85
Hoeger, Otto W. ....	do.	690.00	.....
Hoge, Wm. B. ....	do.	508.50	.....
Hollister, Geo. C. ....	do.	761.00	.....
Hotelling, Wm. H. ....	do.	765.00	.....
Huff, C. H. ....	do.	765.00	.....
Huestis, W. A. ....	do.	694.00	10.10
Hughes, John R. ....	do.	460.00	.....
Hunnicut, E. W. ....	do.	765.00	.....
Jarvis, Chas. E. ....	do.	522.00	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Jewell, James E.	Forest guard, at \$720, and assistant forest ranger, at \$900.	\$121.00	
Johnson, G. F.	do	742.00	
Johnson, W. A.	do	300.50	
Jones, John D.	do	540.00	
Journigan, J. M.	do	765.00	
Keltie, Frank P.	do	366.00	
Kerby, David H.	do	615.00	
Layton, A. F.	do	735.00	
Lewis, A. W.	do	765.00	
Libeu, Joseph J.	do	765.00	
McCall, James D.	do	765.00	
McCarthy, F. P.	do	765.00	
McClain, J. Fred.	do	255.00	
McDonald, Robt. W.	do	472.00	
McGhie, Wm. M.	do	546.50	
McNamara, J. A.	do	735.00	
Maxfield, John D.	do	621.00	
May, Thomas O.	do	765.00	
Morgan, Harry N.	do	765.00	
Moya, Marion F.	do	750.00	
Mundell, Lewis J.	do	751.00	
Murray, Ray	do	656.00	
Olinger, W. S.	do	213.00	
Pattan, A. E.	do	315.00	
Patton, James W.	do	694.50	\$23.95
Pease, M. L.	do	765.00	
Pennock, F. W.	do	623.00	
Peregoy, H. H.	do	761.00	
Pestoni, John B.	do	352.50	
Poore, James F.	do	735.00	
Purtyman, Geo. S.	do	675.00	
Reid, J. W.	do	765.00	
Rice, Frank E.	do	602.50	
Richardson, J. F.	do	757.50	
Rider, Wm. B.	do	762.50	50.11
Reynolds, T. N.	do	598.00	
Robertson, Mark M.	do	750.00	
Roper, Wm. H.	do	315.00	
Ruth, Thomas B.	do	765.00	
Scherman, J. G.	do	750.00	
Scott, Erle W.	do	607.00	
Shelley, Percy T.	do	250.00	
Schurtz, Josiah	do	315.00	
Smith, Foster G.	do	417.50	
Snell, Cyrus P.	do	136.25	
Snell, I. P.	do	717.50	
Spaulding, T. C.	do	741.00	
Stark, Wm. T.	do	315.00	
Stephenson, J. B.	do	750.00	
Strong, Edw. K. jr.	do	353.50	
Swallow, Lewis A.	do	386.00	
Thomas, Frank W.	do	665.00	
Thrower, Wm. H.	do	761.00	
Viles, Geo. A.	do	507.50	
Walker, Albert B.	do	398.00	
Westfall, Joel J.	do	344.00	
Whitney, Albert	do	458.00	1.50
Willis, Chas. O.	do	635.00	
Wooden, John L.	do	221.00	
Woods, E. A.	do	285.00	
Parker, Thomas H.	Forest guard, at \$720 and \$900, and assistant forest ranger, at \$900.	735.00	
Peltz, R. L.	do	735.00	
Shartzler, L. A. J.	do	735.00	18.10
Shoemaker, Theo.	do	735.00	
George, C. L.	Forest guard, at \$720, and assistant forest ranger, at \$720 and \$900.	744.00	
Leeper, James W.	do	652.00	
Siebentritt, Geo.	do	506.00	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Barber, Chas. L.	Forest guard, at \$720 and \$900	\$92.00	
Barber, John R.	do	162.50	
Bartlett, A. W.	do	388.00	
Bateman, R. L.	do	220.50	
Bennett, Arthur	do	733.00	
Benson, John C.	do	706.00	
Blair, Ole E.	do	735.00	\$29.60
Blake, F. G.	do	333.00	
Bletcher, W. B.	do	655.00	
Blevins, E. A.	do	516.00	
Castle, Chas. L.	do	583.00	
Chamberlin, John	do	210.00	
Cole, Albert E.	do	700.00	
Colter, Harry N.	do	272.50	
Conger, Willis	do	539.00	
Erwin, H. F.	do	302.50	
Ezell, Sumner T.	do	590.00	
Gray, Frank E.	do	60.00	
Gribble, R. N.	do	92.00	
Haffley, Chas. A.	do	499.00	
Halvorsen, Earl	do	120.00	
Hammer, L. L.	do	60.00	
Jellerson, Guy	do	416.00	
Kiermeyer, I.	do	735.00	
Leese, James P.	do	598.50	
Lewis, Ralph R.	do	56.00	
McGee, J. D.	do	404.00	
McNulty, John C.	do	667.50	
Morris, W. T.	do	705.00	
Morrow, James O.	do	660.00	
Neal, A. M.	do	382.00	
Paddock, Wm. S.	do	425.50	
Pinkerton, T. R.	do	171.00	
Pratt, Geo. L.	do	467.00	
Reynolds, A. O.	do	735.00	
Rogers, B. L.	do	645.00	
Rowley, R. E.	do	120.00	
Rutledge, Fred	do	477.50	
Shevling, Louie W.	do	735.00	
South, Perry A.	do	322.00	
Springer, C. D.	do	84.00	
Thompson, Chas. C.	do	537.00	
Thompson, Robt.	do	300.00	
Wells, Thomas F.	do	735.00	
Opalka, Frank	Forest guard, at \$720 and \$840	280.00	
Abbott, Carl L.	Forest guard, at \$720	32.00	
Adamson, Seth	do	60.00	
Ainsworth, R. A.	do	238.00	
Allen, Grover A.	do	60.00	
Anderson, H. V.	do	90.00	
Anderson, John N.	do	232.00	
Anderson, Otis H.	do	240.00	
Atkins, H. A.	do	60.00	
Avery, Benjamin	do	60.00	
Badley, Wayne S.	do	78.00	
Baker, Albert	do	410.00	
Baker, W. L.	do	58.00	
Ballard, Elmer	do	60.00	
Barney, Geo. H.	do	192.00	
Barrett, A. C.	do	240.00	
Barton, Walter S.	do	176.00	
Baumgartner, J. E.	do	34.00	
Benson, Hiram R.	do	210.00	
Biggerstaff, A. C.	do	216.00	
Bills, Bert	do	236.00	
Bird, Fred J.	do	240.00	
Birdsell, A. J.	do	120.00	
Blush, Charles E.	do	56.00	
Booth, James E.	do	60.00	
Boothe, Roy	do	28.00	31.50
Boulter, J. M.	do	300.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Briggs, W. A.	Forest guard, at \$720.	\$102.00	
Bright, W. A.	do.	60.00	
Brook, David S.	do.	258.00	
Brooks, Fred S.	do.	112.00	
Brown, Albert C.	do.	660.00	
Brown, Frank S.	do.	298.00	
Brown, Roscoe J.	do.	240.00	
Burlingame, Marion.	do.	58.00	
Bushby, Calvin.	do.	150.00	
Callahan, Chas.	do.	300.00	
Campbell, Myron.	do.	150.00	
Capren, C. A.	do.	4.00	
Carlson, D. R.	do.	114.00	
Carr, W. T.	do.	60.00	
Chamberlain, C. A.	do.	210.00	
Foster, Charles.	do.	42.00	
Cheney, Sheldon.	do.	78.00	
Chidester, J. N.	do.	240.00	
Childs, Chas R.	do.	212.00	
Chrisman, Morris.	do.	300.00	
Cilley, Isaac.	do.	22.00	
Cochran, J. D.	do.	180.00	
Congleton, C. S.	do.	88.00	
Conner, J. F.	do.	154.00	
Cooper, Fred G.	do.	226.00	
Cooper, Wm. T.	do.	60.00	
Coski, Louis.	do.	276.00	
Crawford, C. L.	do.	102.00	
Criswell, Harry.	do.	298.00	
Crossley, H. E.	do.	160.00	
Cutler, Louis.	do.	148.00	
Dailey, J. W.	do.	154.00	
Daniels, C. A.	do.	260.00	
Davidson, Wm. Q.	do.	60.00	
Davis, John.	do.	162.00	
Dawson, V. J.	do.	150.00	
Dayton, Ben.	do.	60.00	
Debit, R. M.	do.	58.00	
De Forest, Ewing.	do.	60.00	
Depler, Hugh S.	do.	194.00	
Dibble, J. F.	do.	42.00	
Divine, E. S.	do.	28.00	
Dodge, Wm. L.	do.	92.00	
Doney, Frank A.	do.	28.00	
Dorman, J. W.	do.	210.00	
Douglas, A. E.	do.	60.00	
Drachbar, F. X.	do.	60.00	
Durbin, M. S.	do.	240.00	
Earhart, Frank L.	do.	250.00	
Easton, Stephen.	do.	122.00	
Edison, Chas. R.	do.	194.00	
Edmunds, Louis D.	do.	22.00	
Ellis, Marvin.	do.	180.00	
Ellison, Harry H.	do.	174.00	
Ellsworth, Elmer E.	do.	32.00	
Emerick, Walter F.	do.	600.00	
Estes, E. G.	do.	30.00	
Farnsworth, Benz S.	do.	210.00	
Fine, James D.	do.	180.00	
Fitzpatrick, John.	do.	30.00	
Foley, C. E.	do.	42.00	
Fortin, Ed. W.	do.	60.00	
Foster, A. H.	do.	222.00	
Foster, Paul J.	do.	175.50	
Foster, Stephen T.	do.	92.00	
Fraser, J. S.	do.	85.00	
Freeman, W. A.	do.	180.00	
Garrett, Wm. X.	do.	660.00	
Garses, Wm.	do.	258.00	
Gatlin, A. A.	do.	114.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
George, Beacham.....	Forest guard, at \$720.....	\$60.00	.....
Gilkey, Sylvester.....	do.....	92.00	.....
Goble, W. Q.....	do.....	160.00	.....
Grace, T. C., jr.....	do.....	234.00	.....
Graham, Fred W.....	do.....	90.00	.....
Grand, John.....	do.....	78.00	.....
Green, H. H.....	do.....	52.00	.....
Griffith, Howard.....	do.....	76.00	.....
Griffiths, Rees B.....	do.....	300.00	.....
Hale, R. D.....	do.....	300.00	.....
Hale, R. Lacy.....	do.....	16.00	.....
Hall, H. C.....	do.....	144.00	.....
Harbon, Forest F.....	do.....	160.00	.....
Harrison, C. S.....	do.....	126.00	.....
Hawkin, Harry.....	do.....	228.00	.....
Hedrick, Frank.....	do.....	60.00	.....
Hicklin, William.....	do.....	194.00	.....
Higgins, Frank.....	do.....	270.00	.....
Hilderbrand, L. T.....	do.....	54.00	.....
Hilderbrant, D. W.....	do.....	220.00	.....
Hilton, David B.....	do.....	138.00	.....
Hockaday, M. W.....	do.....	32.00	.....
Hodgson, A. H.....	do.....	240.00	.....
Holcomb, M. A.....	do.....	32.00	.....
Holmberg, A. E.....	do.....	110.00	.....
Horne, Jerry.....	do.....	140.00	.....
Hostetter, Roy E.....	do.....	42.00	.....
Hotchkiss, H. H.....	do.....	342.00	.....
Hunniston, Geo. E.....	do.....	100.00	.....
Huskey, John W.....	do.....	102.00	.....
Ivie, Alden S.....	do.....	60.00	.....
Ivie, Ray.....	do.....	60.00	.....
Jack, F. M.....	do.....	240.00	.....
Jagels, Philip.....	do.....	240.00	.....
Jamison, James H.....	do.....	32.00	.....
Jeffries, Henry.....	do.....	142.00	.....
Jeffreys, Woodson.....	do.....	94.00	.....
Jerrett, Chas. E.....	do.....	216.00	.....
Johnson, J. P.....	do.....	192.00	.....
Johnson, Warren.....	do.....	60.00	.....
Jones, Jesse.....	do.....	240.00	.....
Judd, Daniel K.....	do.....	656.00	.....
Keefe, Henry.....	do.....	6.00	.....
Keeler, Alva L.....	do.....	204.00	.....
Kelly, P. H.....	do.....	164.00	.....
Kendall, Wm. H.....	do.....	60.00	.....
Kerr, Daniel C.....	do.....	286.00	.....
King, C. A.....	do.....	60.00	.....
Kinnear, Moses.....	do.....	240.00	.....
Knowles, Louis.....	do.....	104.00	.....
Krigbaum, M. E.....	do.....	300.00	.....
Kruger, Harry.....	do.....	184.00	.....
Ladd, G. T. H.....	do.....	152.00	.....
Lamb, Hyrum.....	do.....	144.00	.....
Lamb, Osmer.....	do.....	46.00	.....
Lanneau, B. R.....	do.....	78.00	.....
Lee, Thomas.....	do.....	156.00	.....
Lewis, Bert.....	do.....	60.00	.....
Lincoln, O. H.....	do.....	210.00	.....
Lindsey, V. H.....	do.....	270.00	.....
Lingo, Ed. W.....	do.....	120.00	.....
Linthicum, D. A.....	do.....	34.00	.....
McAbee, James W.....	do.....	14.00	.....
McCarty, Arthur R.....	do.....	180.00	.....
McCarn, Frank.....	do.....	232.00	.....
McCampbell, J. M.....	do.....	150.00	.....
McClure, F. S.....	do.....	660.00	\$20.00
McEwan, S. S.....	do.....	92.00	.....
McGuinness, Henry.....	do.....	60.00	.....
McLeod, Daniel W.....	do.....	120.00	.....



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McNamee, J. J.	Forest guard, at \$720.	\$169. 50	
McPheters, Wallace	do.	60. 00	
Manary, Wallace	do.	42. 00	
Mapes, Norman	do.	176. 00	
Martin, William	do.	480. 00	
Martinez, Dario	do.	18. 00	
Mathias, R. D.	do.	60. 00	
Meek, Alfred C.	do.	160. 00	
Meservey, R. T.	do.	660. 00	
Miller, George	do.	42. 00	
Miller, John M.	do.	28. 00	
Mills, Geo. F.	do.	210. 00	
Mitchell, Frank H.	do.	260. 00	
Monahan, Wm.	do.	240. 00	
Moore, Thomas	do.	224. 00	
Moore, Wm. E.	do.	92. 00	
Morris, Wm. T., jr.	do.	174. 00	
Moss, Roy	do.	118. 00	
Mortimore, J. P.	do.	70. 00	
Murphy, Dwight	do.	552. 00	
Murray, Martin A.	do.	660. 00	
Neff, Wm. C.	do.	240. 00	
Nelson, Geo. F.	do.	210. 00	
Newman, Wm. W.	do.	60. 00	
Nibley, Cyrus	do.	300. 00	
Opalka, John	do.	60. 00	
Owings, Wm. A.	do.	60. 00	
Park, Earl L.	do.	120. 00	
Parker, Edgar	do.	176. 00	
Parker, Guy W.	do.	78. 00	
Parker, Wm. F.	do.	46. 00	
Parsons, Hyrum	do.	142. 00	
Partridge, F. L.	do.	240. 00	
Payne, C. B.	do.	120. 00	
Pearson, Montl.	do.	660. 00	
Peterson, N. E.	do.	104. 00	
Phillips, Horace	do.	76. 00	
Poe, Wm. A.	do.	116. 00	
Pollock, L. F.	do.	150. 00	
Prall, John W.	do.	90. 00	
Pratt, Orson W.	do.	300. 00	
Price, Archie	do.	60. 00	
Price, Press S.	do.	300. 00	
Quinn, James E.	do.	82. 00	
Redington, E. J.	do.	214. 00	
Reed, Homer O.	do.	60. 00	
Reedy, Charles	do.	264. 00	
Rinearson, F. L.	do.	120. 00	
Roach, S. P.	do.	60. 00	
Robinett, Otto T.	do.	104. 00	
Ross, E. C.	do.	32. 00	
Roy, John E.	do.	34. 00	
Ruiz, Manuel	do.	88. 00	
Rusk, J. B.	do.	20. 00	
Salisbury, Earl	do.	164. 00	
Sargent, James H.	do.	92. 00	
Scott, J. A.	do.	98. 00	
Sellers, Oliver S.	do.	18. 00	
Shelley, B. F.	do.	150. 00	
Sieweke, Frederick	do.	448. 00	
Simons, Clayton	do.	184. 00	
Sivertson, J. S.	do.	226. 00	
Skougard, Zell M.	do.	54. 00	
Smith, C. E.	do.	24. 00	
Smith, Enos C.	do.	130. 00	
Smith, H. W.	do.	180. 00	
Smith, Solomon	do.	12. 00	
Snider, H. R.	do.	102. 00	
Snyder, Aaron	do.	108. 00	
SooySmith, K. C.	do.	240. 00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
South, D. F.	Forest guard, at \$720.	\$60.00	
Spence, G. J.	do.	60.00	
Stead, W. R.	do.	170.00	
Steele, James.	do.	170.00	
Stevens, Philip.	do.	212.00	
Stewart, Edw. P.	do.	60.00	
Stokes, James J.	do.	6.00	
Strodtbeck, C. A.	do.	56.00	
Sullivan, C. F.	do.	300.00	
Sutton, Luther W.	do.	56.00	
Swank, James F.	do.	332.00	
Taylor, Ed.	do.	370.00	
Taylor, James	do.	30.00	
Taylor, P. A.	do.	56.00	
Theurer, D. O.	do.	538.00	
Thomas, B. M.	do.	230.00	
Thompson, Louis E.	do.	137.00	
Towle, Carroll W.	do.	214.00	
Tripp, Louis J.	do.	69.00	
Uhlman, Fred.	do.	102.00	
Vandeburgh, Peter.	do.	124.00	
Van Dusen, H. H.	do.	226.00	
Van Meter, D. L.	do.	28.00	
Viles, H. C.	do.	120.00	
von Welker, C. W.	do.	210.00	
Voss, Ralph G.	do.	240.00	
Walker, E. R.	do.	178.00	
Walker, L. C.	do.	240.00	
Wallace, N. W.	do.	228.00	
Warden, W. E.	do.	240.00	
Waugh, Harry	do.	180.00	
Welty, James W.	do.	176.00	
West, Charles.	do.	40.00	
Wheatley, J. C.	do.	660.00	
White, C. E.	do.	660.00	
Wight, James.	do.	164.00	
Williamson, T. H.	do.	66.00	
Wilson, Henry G.	do.	60.00	
Winters, J. L.	do.	210.00	
Witter, Berry S.	do.	180.00	
Woolley, H. E.	do.	12.00	
Wright, Wm. A.	do.	50.00	
Yates, Ora E.	do.	430.00	
Yerkes, H. B.	do.	432.00	
Young, Henry C.	do.	240.00	
Zwemer, John A.	do.	480.00	
de Canavarró, Geo.	Forest guard, at \$480.	73.33	
Moore, Walter M.	do.	80.00	
Peterson, Eric.	do.	6.67	
Rockwell, F. I.	do.	80.00	
Bird, David.	Forest guard, at \$35 per month.	28.00	
Gould, H. R.	Forest guard, at \$300.	125.00	
Dahlquist, Wm. A.	Forest guard, at \$12 per annum.	2.00	
Imes, Richard P.	Forest assistant, at \$1,500 and \$1.25 per diem.	1,793.75	\$63.80
Maule, Wm. M.	Forest assistant, at \$1,500 and 50 cents per diem.	416.00	
Clement, Geo. E.	Forest assistant, at \$1,400 and \$1.25 per diem.	930.00	207.30
Woolsey, Theo. S., jr.	Forest assistant, at \$1,300 and \$1.50 per diem, and assistant forest inspector, at \$1,300.	1,267.83	
Smith, C. G.	Forest assistant, at \$1,300 and \$1.25 per diem.	1,610.41	27.70
Ringland, A. C.	Forest assistant, at \$1,200 and \$1.50 per diem.	424.50	
Waha, A. O.	Forest assistant, at \$1,200 and \$1.50 per diem, and forest inspector, at \$1,200.	1,491.33	
Brown, H. J.	Forest assistant, at \$1,200 and \$1.25 per diem, and at \$1,200 and \$1.50 per diem.	1,518.75	125.88
Buck, C. J.	Forest assistant, at \$1,200 and \$1.25 per diem.	830.00	
Cecil, Geo. H.	do.	1,242.50	
Morrill, Walter J.	do.	691.25	
Pratt, Merritt B.	do.	1,443.12	
Ramskill, J. H.	do.	1,518.75	172.63

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Silcox, F. A.	Forest assistant, at \$1,200 and \$1.25 per diem, and assistant forest inspector, at \$1,200.	\$397.50	
Barton, J. Earle	Forest assistant, at \$1,100 and \$1.25 per diem	1,418.47	\$128.86
Foster, Harold D.	do	780.00	
Rebmann, Jeremiah	do	854.44	
Woodbury, T. D.	do	1,050.00	
Hadley, Walter B.	Forest assistant, at \$1,100.	275.00	
Mast, Wm. H.	do	275.00	
Allison, John H.	Forest assistant, at \$1,000 and \$1.50 per diem.	1,350.72	
Burrall, H. D.	do	1,347.21	127.55
Read, Arthur D.	do	1,350.72	
Smith, M., jr.	do	1,260.97	189.70
Drake, Willard M.	Forest assistant, at \$1,000 and \$1.25 per diem, and at \$1,000 and \$1.50 per diem.	1,295.14	
Studley, Horace F.	do	791.39	
Bruins, J. F.	Forest assistant, at \$1,000 and \$1.25 per diem	1,270.97	
Coolidge, Phillip T.	do	951.81	
Flory, Chas. H.	do	1,138.06	
Fromme, Rudo L.	do	1,265.97	
Hammatt, R. F.	do	865.69	
Kinney, David G.	do	1,092.50	
Kirkland, Burt P.	do	1,024.30	
Morrell, Fred W.	do	1,268.47	
Powers, Allan R.	do	1,335.41	174.25
Skeels, Dorr	do	904.72	
Stickney, M. N.	do	1,312.64	130.10
White, W. W.	do	1,270.97	
Clifford, Edw. C.	Forest assistant, at \$1,000.	250.00	
Cohon, Anson E.	Forest assistant, at \$900 and \$1.25 per diem and at \$1,000 and \$1.25 per diem.	1,285.41	
Dunston, C. E.	Forest assistant, at \$900 and \$1.25 per diem	1,181.25	
Hackley, Roy C.	Forest assistant, at \$900 and \$1.25 per diem	346.25	110.75
d'Allemand, B. R. H.	Forest planting assistant, at \$800.	200.00	
Besley, La Moree	do	157.77	
Muzzall, H. C.	do	200.00	
Turner, Harry C.	do	133.33	
Bradish, W. N.	Forest agent, at \$900 and at \$1,200	925.00	248.30
Biler, H. A.	Forest agent, at \$900 and at \$1,000	858.33	458.16
Tompkins, Frank	Forest agent, at \$800 and at \$1,000	799.99	290.52
Parnay, S. Y.	Expert, at \$900.	150.00	
Dahl, Arthur L.	Clerk, at \$1,200.	800.00	
Humeston, S. J.	Clerk, stenographer, and typewriter, at \$1,200.	36.67	
Campbell, Robt. L.	Clerk, at \$1,000 and at \$1,200.	603.34	
Agee, Fred B.	Clerk, stenographer, and typewriter, at \$1,000 and \$1 per diem.	461.89	
Dilley, James W.	Clerk, bookkeeper, at \$1,000.	5.56	77.00
Haynie, Frank	Clerk, at \$1,000.	250.00	
Montgomery, E. F.	do	833.33	
O'Brien, Geo. W.	do	122.22	
Marr, Arthur N.	Clerk, stenographer, and typewriter, at \$1,000.	127.77	58.40
Bembry, B. W.	Clerk, at \$900 and at \$1,200.	950.00	90.95
Buck, Shirley	Clerk, at \$900 and at \$1,000.	466.11	
Steward, Luther	do	866.66	17.70
Butler, Jas. P.	Clerk, at \$900.	160.00	
Humphrey, P. N.	do	765.00	
Bennett, Bertha	Clerk, at \$75 per month.	60.00	
Collins, T. J.	Clerk, stenographer, and typewriter, at \$900.	75.00	
Conant, J. W.	do	75.00	
Fitzgerald, T. E.	do	127.50	
Johnson, B. F.	do	255.00	
Porter, Harry W.	do	309.00	
Thomson, John	do	57.50	
Wilson, Frances	do	165.00	
Porter F. C.	Clerk, at \$720 and at \$900.	735.00	
Stout, John D.	Clerk, at \$720.	14.00	
Cope, Mabel G.	Clerk, stenographer, and typewriter, at \$720.	150.00	
Miller, Wm. J.	Clerk, at \$600.	100.00	
Slosson, Edna E.	Clerk, at \$300.	42.50	
Total		705,061.86	



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Aagard, A. J.....	\$32.70	Carter, W. H.....	\$12.75
Aagard, A. James.....	18.00	Catron & Elliott.....	7.19
Aagard, John E.....	12.84	Chapman, S. W.....	.50
Aagard, N. P. & Rachel.....	10.80	Chavez, Gabino.....	.80
Abbott, James P.....	1.60	Chavez, Marcus.....	20.62
Acord, H. L.....	2.86	Chavez, Silvano.....	1.78
Acord, Olive.....	2.00	Christiana, J. R.....	.10
Adams, Chas. D.....	1.20	Christensen, J. W.....	4.00
Adams, George M.....	.25	Clark, D. Walter.....	8.00
Adams, Henry T.....	1.75	Clark, Fred S.....	7.50
Allen, Ellen.....	.84	Clark, W. L.....	.60
Allred, Annie E.....	.38	Clark & Campbell.....	5.00
Allred, Mary.....	.54	Cole, James E.....	16.50
Amador.....	17.26	Cook, D. W.....	9.00
Anaconda Copper Mining Co.....	50.00	Cook, George A.....	50.00
Anderson, A. E.....	5.44	Cook, Geo. E.....	13.50
Anderson, A. H.....	4.86	Cook, J. F.....	5.25
Anderson, A. W.....	154.00	Cook, Lester.....	5.25
Anderson, Carl.....	17.13	Cook, Thos.....	13.50
Anderson, Hugh.....	9.00	Cook, Warren E.....	19.00
Anderson, Jr., Jas.....	5.70	Cook, W. W.....	4.50
Anderson, sr., Jas.....	5.72	Cox, J. H.....	.34
Anderson, John A.....	5.44	Crandell, Joseph D.....	25.00
Anderson, J. P.....	22.50	Crawford, J. B.....	34.00
Anderson, M. G.....	39.75	Creager, J. G.....	1.00
Anderson, P. P.....	.39	Crooked River Mining and Milling Co.....	167.00
Anderson, Sarah A.....	31.05	Curtis, Asa.....	2.48
Antlers Land and Cattle Co., The.....	6.25	Cutshall, W. M.....	1.50
Arviso, Manuel.....	1.50	Dahl, Niels N.....	1.78
Ashdown, Chris.....	.75	Dalley, J. B.....	.60
Ashland Manufacturing Co.....	50.00	Darrah, H. W.....	224.52
Babcock, Geo. K.....	20.00	Davenport, Jno. B.....	.60
Bailey, Benton R.....	27.50	Davis, E. W.....	50.00
Baker, C. M.....	43.75	Davis, O. P.....	1.20
Baker Light and Power Co.....	58.00	De Baca, Pacifico C.....	.60
Barnes, B. F., postmaster, Wash- ington, D. C.....	70.00	DeLong, Albert.....	.90
Barnhurst, James C.....	.45	DeLong, Ralph.....	.45
Bartlett, A. W.....	60.00	Deming, Katherine.....	1.00
Basse, Daniel M.....	.80	Dickey, Edward.....	50.00
Bates, jr., Oliver.....	2.00	Dittol, Phil. S.....	28.60
Bauer, Harry J.....	75.00	Droubay, Paul.....	25.00
Baxter, John R.....	3.20	Duffield, E. H.....	10.00
Bean, Geo. C.....	17.25	Duke, J. O.....	77.13
Bean, James.....	17.25	Dunbar, J. M.....	24.00
Bean, L. V.....	50.00	Dunbar & Johnson.....	50.00
Beck, Geo. Thornton.....	435.46	Dunn, Richard.....	10.56
Beck, Simon T.....	5.52	Eastwood, W. A.....	2.25
Beecher, R. A.....	23.00	Edgmand, T. K.....	.30
Bell Bros.....	10.60	Edmunds, Thomas.....	1.00
Bettis, H. S.....	455.00	Edwards, J. W.....	2.00
Biering & Cunningham.....	25.18	Elmore, J. J.....	1.20
Big Blackfeet Milling Co.....	12,500.00	Empire Gold Mining Co.....	81.13
Black Bros.....	.20	Ercanbrack, W. W., and Lewis, T. J.....	25.00
Blackwood, A. B.....	2.70	Estrada, E.....	90.00
Blackwood, E. L.....	7.19	Eubanks, Sam. B.....	28.75
Bond & Bros., G. W.....	5.40	Eureka Lumber Co.....	2,000.00
Boren, William J.....	11.89	Evans, David W.....	.60
Bowler, Harry.....	.20	Evans, Matthew W.....	.90
Bowles, H. C.....	3.00	Evans, S. S., Reynolds, A. H., and Osenbaugh, Allen.....	50.00
Boyce, Jesse.....	3.75	Farnworth, Brigham.....	1.08
Boyer, E. G.....	50.00	Ferguson, W. P.....	32.00
Boyington, T. R.....	3.72	Fife, Mrs. Joseph S.....	1.00
Brasher, Eliza.....	.25	Findlay, A. D.....	150.00
Brierly, W. C.....	10.50	Fitzgerald, A. R.....	9.60
Brock, D. S.....	5.70	Fitzgerald, R. R.....	.25
Brough, John H.....	32.70	Ford, John.....	5.00
Brown, Geo. H.....	550.00	Fox, George H.....	1.00
Brown, Henry J.....	10.36	Fuller, J. H.....	45.85
Brown, Nevin.....	50.50	Fuller, Wm.....	.55
Cameron, David.....	1.20	Futrell, E. T.....	25.00
Cameron, J. M.....	60.00	Gallegos, Juan Francisco.....	31.60
Campbell, Joseph L.....	2.25	Gannett, C. P.....	100.00
Carr & Wallace.....	21.78	Garcla, Jesus Maria.....	.15
Carroll, J. C.....	12.08	Gila Lumber Co.....	1,550.00
Carter, Hyrum.....	12.75	Giles Lumber and Shingle Co.....	200.00
Carter, Reuben.....	2.28		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Glenn, Conwell	\$5.20	Larsen, Andrew	\$6.28
Goble, George L.	30.00	Lebert, John J., et. al.	50.00
Goody, Penn L.	20.00	Lee, John W.	5.55
Gould, Mary Ann	8.70	Lee, Thomas R.	3.90
Green & Mortensen	1.50	Le Fevre, W. D.	.75
Griego, Regino	1.87	Leyba, Manuel	4.36
Griffith, D. M.	27.15	Litch & Anderson	118.50
Hackett, Nelson	258.24	Little, Andrew	150.00
Haines, Roscoe	75.00	Livingston, A. D.	4.06
Haley, Ben	170.00	Lopez, Mike	14.00
Haley, Ora B.	111.00	Lopez, Raymond	14.00
Hamar, David	3.00	Lowe, George A.	.75
Hamman, D. W.	75.00	Lowry, Lawrence	2.86
Hamon, W. S.	26.00	Luke, B. F.	.60
Hanson, John F.	100.00	McCully, F. D.	50.00
Hanson, N. P. and John	.63	McFarland, S. J.	4.37
Harrison, J. W.	63.25	McGaughey, Geo.	.90
Hart, Anthony	4.00	McHuron, W. A.	50.00
Hawke, John S.	2.50	Madrid, Jose Leandro	1.85
Haycock, Thos.	.75	Madsen, George G.	4.80
Heber Land and Live Stock Co.	175.00	Maez, Faustín & Bro.	1.00
Heckle, F. H.	3.00	Martien, C. H.	.10
Hellinga, Henry	50.00	Martin, F. C.	6.00
Henderson, John H.	1.50	Martin, Samuel	61.00
Henry, L. B.	26.00	Martinez, Aurelius	38.74
Henry, William	100.00	Martinez, Jose E.	13.84
Hernandez, B. C.	73.00	Martinez, Juan Luis	7.00
Heywood, David L.	.75	Martinez, J. B. F.	.80
Higginson, J. and Laura M.	12.00	Martinez, Librado	4.75
Higgs & Son, T. J.	112.60	Martinez, Manuel	1.05
Hoffman, John	1.90	Martinez, Silbano	15.58
Hoffman & Allen	50.00	Martinez & Co., Adelaide	5.00
Holman, James I.	3.70	Mecham, Ephraim L.	10.00
Holman, Parley T.	.50	Mestas, Francisco A.	10.44
Holman, Robt. R.	2.90	Millard, W. B.	404.50
Hopkins, Joseph J.	164.30	Monahan & Reynolds	2.64
Hosfelt, Chas.	.92	Monforton, Henry	2.70
Hough, J. P.	3.68	Montgomery & Koren	150.00
Houston, James	.90	Moore, Allen T.	59.40
Houston, Margaret	3.00	More, Jay	.25
Howells, B. P.	3.00	Morgan, C. W.	17.82
Huntsman, Henry H.	20.00	Morgan, J. E.	17.82
Huston, William	40.58	Morris & Julien	429.50
Hutchinson, sr., Thos.	2.85	Mortensen, Saml. C.	.60
Hyde, Julia	.72	Murray, Archie J.	1.00
Hyde, Sarah E.	1.26	Murray, Florence	1.05
Hyatt, H. S.	.90	Murray, Joe.	16.88
Ingram, John E.	32.70	Nelson, A. G.	4.96
Ivory Land and Live Stock Co., The E	11.20	Nichols, W. H.	75.00
Jaquez, Juan Ty	.40	Nielson, Ole	4.58
Jayne Bros.	232.00	Nielson, Oliver	3.60
Jensen, A. L.	2.16	Nielson, Peter S.	2.30
Jensen, K. M.	1.00	Nielson, Swen O.	5.70
Jensen, S. M.	2.28	Noel, Arthur	5.63
Johnson, Alex.	100.00	North Fork Cattle Co.	3.12
Johnson, C. L.	4.37	Norton, J. R.	1.00
Johnson, G. F.	2.85	Nuttall, Joseph B.	4.85
Johnson, H. T.	4.56	Oakden, Charles T.	100.00
Johnson, S. H.	11.60	Ogle & Huffman Land and Live Stock	
Johnson, jr., W. H.	.46	Co.	39.00
Johnston, A. J.	35.00	Olson, John	4.68
Jones, Albert and Henry	3.00	Oman, A. G.	1.09
Jones, Frederick	.15	Oman, Marinda Peel	1.56
Jones, Richard	175.00	O'Neill, Jesse	81.00
Jones, Thomas J.	1.20	Orme, Abraham	5.14
Justesen, Chas.	1.78	Orme, Thomas	4.94
Justesen, Rasmus	5.72	Orme, W. G.	5.14
Kane Brothers	250.00	Oshorne, William	3.44
Kienzle, William	11.45	Ostler, Geo. O.	19.50
Kilburn, Wilson	700.00	Ostler, J. E.	24.12
King, J. B.	38.00	Ostler, J. S.	75.12
King, John E.	.75	Overstreet, John E.	10.00
King & Peterson	155.00	Pace, Wilard	2.00
Kinser, R. J.	20.30	Pagosa Lumber Co.	50.00
Lake Shore Land and Live Stock Co.	78.70	Palmer, J. H.	1.60
Lamoreaux, David A.	1.20	Palmer, Wm. J.	50.10
Lane Lumber Co. (Limited)	67.44	Pendleton, Wm. C.	.30
Larsen, Alex.	.52	Pendleton, Wm. H.	.60

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of Forest Reserves, \$708,361"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Peters, P. G.	\$5.00	State of Montana	\$5,767.90
Peterson, Jas. C.	5.70	State of Nebraska	790.37
Peterson & Larsen	3.00	State of Nevada	24.00
Petty, George A.	5.00	State of South Dakota	3,595.36
Pinkgam, G. B. & Hamilton, E. R.	.40	State of Utah	9,003.50
Pinson, J. J.	34.00	State of Washington	1,922.23
Pitman, A. S.	20.50	State of Wyoming	6,777.95
Poston, Frank J.	10.00	Story, E. L.	5.00
Poston, Low J.	10.00	Stubbs, Wm. M.	.75
Potter, J. A.	1.56	Sutton, S. H.	.62
Poulson, Maggie	.60	Sweet, J. E.	34.00
Powell, William	50.00	Sylvester, Joseph	4.50
Prince, Joseph O.	.45	Talbot, Wm. R., sr.	1.05
Proctor, James V.	.45	Tanner, E.	2.00
Proctor & Son, Mary E.	.75	Territory of Arizona	7,940.50
Prothers, John H.	.30	Territory of New Mexico	4,672.70
Quickert, P. A.	25.00	Thacker, Charles E.	13.74
Randall, W. J.	31.90	Thompson, Fred	1.38
Rasmussen, Ephraim	.25	Thompson, Jacob	29.50
Rees, Henry D.	15.00	Thompson, T. C.	5.72
Reese, Charles A.	.25	Thompson, Thomas H.	2.50
Richards, Miss Olive	.30	Titsworth, Geo. A.	2.25
Riches, W. R.	19.05	Topham, J. R.	.60
Riddle, T. S.	6.25	Topham & Co., Simon T.	3.00
Robb, Samuel	.45	Tucker, J. S.	7.00
Robertson, D. A.	3.60	Turnbull, Thomas	50.25
Robertson, Edwin	4.56	Tyler, A.	20.00
Robertson, George	4.58	Uhlman, Fred	14.00
Robertson, James	5.14	Uta Indians, The	5,720.00
Robinson, Hyrum	.30	Valdez, Francisco	6.00
Robinson, Jas. C., jr.	8.00	Van Wagonen, Wilford	1,000.00
Robinson, R. A.	32.70	Vickers, C. L.	6.00
Rockport Shingle Co.	100.00	Walker, Edwin	.75
Roland, William	43.93	Wall, D. S.	5.00
Roobol, P.	7.50	Wall, Isaac O.	3.57
Rose, W. H.	10.40	Walter, Edward C.	.40
Rule, J. H.	2.00	Warnock, F. W.	50.00
Salazar, Antonio	2.00	Wayman, W. M.	295.10
Salmon, Jacob	.80	West, A. E.	10.00
Sauche & Bro., Francisco	3.00	Weston, Roy	50.00
Sauche, Louis M.	.60	White, Dudley	4.00
Scheloske, J. H.	50.00	Whiting, E. M. and E. I.	1.42
Schmidt, Wm. J.	53.00	Whitman, Loyd	54.40
Scott, O. L.	500.00	Whittmore Land and Live Stock Co., W. B.	23.00
Seely, J. H.	10.44	Whittier, A. N.	539.70
Seely, J. W., jr.	3.28	Wiese, Fred	4.37
Seely, J. W., sr.	5.14	Wilberg, Carl	5.00
Seely, Wm. J.	2.81	Wilcox & Clayton	450.00
Sevy, J. L.	.55	Wilder & Lee	48.50
Seward, Edwin B.	.10	Williams, Albert H.	.15
Sharp, J. T.	6.25	Williams, C. W.	4.00
Shelton, F. M.	.50	Wilson, Albert	25.00
Sheperd, Cedeassa C.	30.00	Wood, J. B.	6.00
Shoeb, W. S.	1.00	Wood, W. E.	2.70
Showalter, James B.	50.36	Wood, Wm. H.	200.00
Smith, C. E.	3.20	Young, E. J.	120.00
Smith, Charles W.	164.68	Yreka Journal	14.30
Smith, H. K.	31.50	Zarleng, Charles	25.00
Smith, J. J.	50.00		
Smith & Ockey	4.80		
Smyth, A. C. & R. W.	3.60	Total (including refunds)	106,432.38
Snider, H. R.	12.00	Refunds included in above:	
Snively, Hugh E.	.30	Refunds to States and Territories	\$67,827.15
Snow, G. E.	4.70	Refund to the Uinta Indians	5,720.00
Snow, Joseph S.	3.64	Refunds to depositors (excess deposits)	32,551.86
Sparks-Harrell Co., The.	3.00		106,099.01
Sperry, W. H.	4.28		
Springston Lumber Co.	254.48	Net amount paid for miscellaneous supplies, etc.	333.37
Stack-Gibbs Lumber Co.	745.38		
Stanfield, Fred & Jno.	52.50	<i>Travel and station and field expenses.</i>	
Stanislaus Electric Power Co.	326.66	Langville, W. A.	2,260.73
Stark, G. L. R.	.25		
State of California	8,183.61		
State of Colorado	12,526.45		
State of Idaho	6,520.57		
State of Kansas	102.01		

Total amount of appropriation allotted to fiscal year 1907..... \$786,361.00  
 Total expenditures under above groups..... 707,655.96

Unexpended balance..... 78,705.04



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of the National Forests, 1907 and 1908, \$125,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
San Luis Implement Co.....	\$4.00	Naranjo, Elias.....	\$5.50
Strain Bros.....	2.00	Nicholson, Joseph M.....	22.97
Total.....	6.00	Palace Meat Market.....	119.04
<i>Miscellaneous supplies, etc.</i>		Pioneer Mercantile Co. (Limited)...	7.35
Alires, Hilario.....	25.23	Rasmussen, Dellas.....	12.25
Anaconda Copper Mining Co.....	45.09	Rasmussen, Edward.....	5.00
Anderson, Andrew.....	33.75	Rasmussen, Frank.....	10.50
Anderson Lumber and Hardware Co.....	2.90	Romero Mercantile Co.....	118.87
Andrus, W. J.....	5.00	Salazar, Pacomio.....	8.25
Ayers, Frank.....	18.00	Salinas Valley Lumber Co.....	20.00
Ayers & Co., Geo. V.....	23.50	Salt Lake Hardware Co.....	10.00
Bagley Meat and Grocery Co.....	9.35	San Luis Implement Co.....	35.35
Bannard, A. U.....	21.10	Savage, William D.....	14.30
Bargery, John.....	12.25	Shaffer, Frank E.....	120.00
Beamish, W. H.....	42.50	Shoemaker, Fred.....	27.00
Belarde, Donaciano.....	4.00	Short, Frank J.....	20.31
Berry, jr., Charley H.....	10.00	Shurtleff, Benjamin.....	14.00
Brennan Bros.....	13.35	Sinsheimer Bros.....	5.00
Brundage & McGinnis.....	10.31	Slocum, A. M.....	12.25
Carlson, J. H.....	19.25	Smith, Reuben.....	12.25
Clingan Sign Service.....	5.00	Smith Bros. Lumber Co.....	18.50
Cody Trading Co.....	20.35	Solano, Gupertino.....	23.41
Corbett, W. J.....	19.60	Solano, Juan.....	19.79
Cornwall, Ervin.....	12.25	Stearns, J. H.....	22.80
Cox, W. S.....	18.23	Strain Bros.....	45.75
Cramer Bros.....	42.70	Swenning, Mrs. Olive Cornell.....	50.00
Decker, M. C.....	18.00	Thompson, C. J.....	16.95
Duran, Blas.....	10.66	Thompson Falls Mercantile Co.....	7.45
Edson Bros.....	51.69	Thorne, A., jr.....	40.00
Ehret, F. M.....	36.00	Thorum, Orland.....	7.00
Eversoll, G. L.....	16.00	Tucson Lumber Co.....	114.58
Fisher Lumber Co.....	29.45	Ungrecht, Orson.....	7.00
Fowlks, J. W.....	5.00	Utah Independent Telephone Co.....	16.21
Franey, John.....	47.10	Vigil, Florencio.....	10.00
Garcia, Alejo.....	11.00	Voorhees, I. R.....	7.50
Garlock, T. V.....	8.50	Wall, John P.....	9.66
Garren & Strange.....	16.20	Wallop-Moncreiffe Lumber Co.....	16.00
Gehring, F. J.....	174.59	Warnock, Fred (Heppner Gazette)....	9.50
Gilliam & Bisbee.....	28.00	Watrous, Henry R.....	24.37
Gilmore & Boren.....	74.39	Welch & Titsworth.....	125.03
Goebel, W. H.....	4.00	Wellsville Cooperative Mercantile Co.....	10.03
Gonzales, P. A.....	20.00	Western Mercantile Co.....	6.65
Gonzales, Santiago.....	5.25	Total.....	3,128.30
Green, Alonzo.....	30.50	<i>Furniture.</i>	
Hanson, Chris.....	22.50	Chuning, R. L.....	6.00
Harlan, J. A.....	4.00	Davis, Ike M.....	27.15
Harvey, H. A.....	6.00	Lost River Commercial Co.....	25.07
Heller, Mrs. Marie.....	2.75	Thompson Falls Mercantile Co.....	7.50
Hill, August.....	82.00	Total.....	65.72
Hoch, Theodore.....	102.00	<i>Fuel.</i>	
Huffman, L. A.....	37.10	Anderson Lumber and Hardware Co.....	5.95
Hutton, A. P.....	6.50	<i>Freight.</i>	
Ihrig, Henry C.....	248.93	El Paso and Southwestern System....	64.45
Ilfeld Co., Chas.....	23.75	<i>Telephone.</i>	
Johnson, Richard.....	45.00	Gartzetz & Sons, H. B.....	3.95
Kouts, Leo.....	1.75	Rocky Mountain Bell Telephone Co....	40.80
Lake, Edwin.....	12.38	Total.....	44.75
Lane, C. B.....	68.40	<i>Rent.</i>	
Lanc & Slack.....	1.06	Borrowdale, W. M.....	15.00
Lec, Chas.....	4.50	Brown, William J.....	25.00
Livingston Art and Decorative Co.....	3.00	Carten, Theodore W.....	45.00
Loomis, A. J.....	7.00	Chamberlain, George A.....	15.00
Lost River Commercial Co.....	13.12	Conklin, Arthur.....	12.00
McGhie, Birt.....	4.37	Crocker & Co., J.....	7.50
McGhie, Calvin.....	41.62	<i>Total.....</i>	
Madsen Hardware and Furniture Co.....	8.00	<i>Total.....</i>	
Martinez, Manuel.....	7.50	<i>Total.....</i>	
Martinez, Ruperto.....	11.25	<i>Total.....</i>	
Maudlin, M. L.....	4.80	<i>Total.....</i>	
Miller, Chas.....	36.25	<i>Total.....</i>	
Miller-Cahoon Co.....	9.38	<i>Total.....</i>	
Montoya, Andre.....	40.50	<i>Total.....</i>	
Morgan, Samuel.....	10.00	<i>Total.....</i>	
Morris, C. N.....	37.58	<i>Total.....</i>	
Murray Lumber Co.....		<i>Total.....</i>	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Administration, etc., of the National Forests, 1907 and 1908, \$125,000"—Cont'd.

Name.	Amount.	Name.	Amount.
<i>Rent—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Dillingham, Leslie E.....	\$7.26	Elliott, M. B.....	\$169.88
First National Bank, Missoula, Mont.	7.50	Fenn, F. A.....	53.20
Fraternal Hall Association.....	7.40	Fitton, David E.....	3.69
Hefferlin, C. S.....	15.00	Goddard, W. H.....	19.45
Holck, C. F.....	12.55	Hadley, Walter B.....	416.80
Johnson & Smith.....	20.00	Harris, Hugh H.....	58.35
Kaseman, George A.....	25.00	Herring, W. E.....	139.44
Kohrs, Conrad.....	15.00	Hinderer, Chas. H.....	41.25
Lake, Edwin.....	7.00	Hurst, Wm.....	9.79
McDougall, James H.....	16.00	Joy, F. E.....	68.10
Maddock, E. C.....	12.50	Kerr, John.....	33.10
Marsters, A. C.....	30.00	Kinney, David G.....	19.20
Pierse, Allen.....	15.00	Kinney, James H.....	44.10
Piskorski, Joseph.....	20.00	Koch, Elers.....	59.00
Pratt, Paul D.....	9.00	McMillan, Ross.....	13.55
Salina Meat and Supply Co.....	6.50	Mains, Guy B.....	48.35
Steward, George.....	25.00	Mainwaring, E. S.....	12.90
Walker Bros. Dry Goods Co.....	18.38	Marshall, D. S.....	61.35
Williams Drug Co.....	10.00	Montgomery, E. F.....	19.60
Total.....	398.59	Nelson, Jesse W.....	138.24
<i>Gas and electricity.</i>		Parnay, Serope Y.....	31.00
Quarles & Quarles.....	6.00	Reed, F. W.....	49.50
<i>Travel and station and field expenses.</i>		Rodgers, Robert A.....	13.90
Anderson, Milton J.....	\$29.05	Sheller, D. B.....	191.00
Barnett, David.....	71.50	Smith, John F.....	13.05
Bentz, George G.....	8.00	Snell, Nathan E.....	32.80
Britten, Ernest.....	26.85	Snow, Orrin C.....	18.80
Brown, H. J.....	7.35	Steel, Foster.....	104.60
Cecil, Geo. H.....	18.35	Thurston, H. W.....	58.69
Chidsey, Thomas E.....	2.80	Todd, Ira E.....	10.60
Clark, Willard W.....	52.60	Wedemeyer, Jno. T.....	170.70
Cooley, Charles F.....	3.75	Willson, Roscoe G.....	24.05
Davis, L. G.....	7.90	Woods, Clarence N.....	28.25
		Woolsey, T. S., jr.....	89.02
		Total.....	2,493.45

Total amount of appropriation..... \$125,000.00  
 Total expenditures under above groups..... 6,213.21

Unexpended balance..... 118,786.79

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Cooperative work, Forest Investigations, \$17,608."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Record, S. J.....	Forest assistant, at \$1,300, and chief of reconnaissance management, at \$1,600.	\$349.99	\$695.39
Scott, Chas. A.....	Forest assistant, at \$1,300.	108.33	158.80
Bristol, H. S.....	Expert, at \$1,200.	200.00	.....
Mackaye, Benton.....	Forest assistant, at \$1,200.	200.00	146.21
Nelson, J. M., jr.....	do.	400.00	672.44
Sterrett, W. D.....	do.	100.00	142.40
Swan, O. T.....	Forest assistant, at \$1,100.	1,008.33	722.62
Bradfield, Wesley.....	Forest assistant, at \$1,000.	250.00	186.61
Humphrey, C. J.....	do.	663.89	278.37
Kempfer, W. H.....	do.	913.89	581.27
Peck, A. S.....	do.	99.99	156.15
Patton, F. M.....	Assistant forest expert, at \$400.	33.33	.....
Preston, John F.....	Forest student, at \$300.	25.00	.....
Tucker, H. L.....	do.	23.33	.....
Total.....		4,376.08	.....

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cooperative work, Forest Investigations, \$17,608."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Abbott, W. L.	\$38.23	Whitney, Chester N.	\$46.00
Arios, A.	12.90	Winthrop, H. R.	50.72
Baker Iron Works	225.00	Woodward, Guy K.	48.00
Barrett Manufacturing Co.	490.26		
Benita, C.	34.90	Total (including refunds)	3,463.26
Blandy, Graham F.	42.25	Refunds to contributors (unexpended balances)	1,039.63
Blue Mountain Forest Association	14.00		
Bridgeport Hydraulic Co.	75.00	Net amount paid for miscellaneous supplies, etc.	2,423.63
Cobb, Edward S.	75.00		
Cortez, M.	12.80	<i>Express.</i>	
Duran, B.	26.90	Wells, Fargo & Co.	27.60
Edison Electric Co.	35.50		
Figeroa, R.	24.10	<i>Travel and station and field expenses.</i>	
Foot's Transfer	17.50	Bard, Geo. Philip	\$53.19
Garcia, M.	11.30	Benedict, J. St. J.	53.00
Garcioe, D.	14.40	Bond, Jay F.	179.35
Gaztas, S.	34.90	Bradfield, Wesley	186.61
Gimenz, B.	11.40	Bryant, R. C.	66.11
Keystone Coal and Coke Co.	38.95	Detwiler, S. B.	20.80
Knight, Richard	33.22	Eastman, H. B.	806.04
Labala, A.	12.90	Feagan, C. E.	303.00
Lamino, Hill.	25.70	Flintham, S. J.	6.60
Langley, Ralph W.	125.00	Hartley, H. D.	150.00
Lonia, R.	11.20	Holmes, J. S.	101.58
Martinez, A.	30.80	Humphrey, C. J.	278.37
Martinez, C.	25.60	Jensen, M. C.	301.13
Martinez, M.	12.90	Kempfer, W. H.	581.27
Mendoza, G.	27.30	Lyford, Chas. A.	46.21
Mendoza, L.	28.90	Mackaye, Benton	146.21
Montezuma Copper Co.	145.77	Mattoon, W. R.	40.60
Mota, B.	25.10	Myers, George Hewitt	17.30
Pacific Creosoting Co.	25.00	Nelson, John M., jr.	672.44
Pacific Light and Power Co.	618.32	Oakleaf, Howard B.	43.99
Parra, N.	2.30	Patterson, A. B.	7.60
Parvilla, L.	13.00	Paul, H. A.	958.47
Parvilla, Y.	10.60	Peavy, Geo. W.	77.50
Pennsylvania R. R. Co.	35.44	Peck, A. S.	156.15
Quesada, A.	12.90	Pierson, Albert H.	16.11
Quesada, V.	12.90	Record, Samuel J.	695.39
Ria, A.	44.50	Scott, Chas. A.	158.80
Ria, C.	44.50	Sherfese, W. F.	339.53
Rios, F.	12.90	Smith, C. Stowell	86.19
Rios, Y.	12.90	Spring, S. N.	70.12
Rodriges, C.	12.90	Sterrett, W. D.	142.40
San Joaquin Light and Power Co.	24.75	Swan, O. T.	722.62
Santiago Farmers' Association	10.00	von Bayer, W. H.	18.45
Sesnaio, R.	24.10	Weiss, Howard F.	337.69
Vertain, F.	16.00	Wheaton, Walter R.	905.54
Southern Pacific Co.	70.00		
Speh, Carl	20.00	Total	8,746.36
Temescal Water Co.	59.95		
Tyler, R. T.	3.20		
Union Metallic Cartridge Co.	12.43		
Union Pacific R. R. Co.	232.87		
Weyerhaeuser Timber Co.	247.60		

Total amount of appropriation allotted to fiscal year 1907	\$17,608.00
Total expenditures under above groups	15,573.67
Unexpended balance	2,034.33
Repayment to credit of appropriation	1.25
Net unexpended balance	2,035.58

Expenditures 15,573.67  
 Disappropmt 11.26  
 15,572.42  
 1,039.63  
 14,532.79  
 1,502.79 TOTAL Disbursements



## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Survey and report on Appalachian and White Mountain watersheds, 1907 and 1908, \$25,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Ashe, Wm. W.....	Forest assistant, at \$1,200.....	\$50.00	\$152.27
Hall, Wm. L.....	Assistant forester, at \$2,700 and \$3,000.....	475.00	99.60
Total.....	.....	525.00	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Survey and report on Appalachian and White Mountain watersheds, 1907 and 1908, \$25,000."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Travel and station and field expenses—Continued.</i>	
Pullman, E. J.....	\$35.00	Hall, Wm. L.....	\$99.60
<i>Travel and station and field expenses.</i>		Varela, A. G.....	45.27
Ashe, W. W.....	152.27	Total.....	297.14

Total amount of appropriation..... \$25,000.00  
 Total expenditures under above groups..... 857.14  
 Unexpended balance..... 24,142.86

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Wichita Forest and Game Preserve, 1907, \$15,000."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Benbow-Horton Hardware Co.....	\$520.00	Gurley, J. M.....	\$36.00
Block-Miller Hardware Co.....	100.00	Total.....	656.00

Total amount of appropriation..... \$15,000  
 Total expenditures under above group..... 656  
 Unexpended balance..... 14,344

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Gurley, John M.....	Constructing fences, yards, sheds, gates, and flood gates.	\$14,343.00

## FOREST SERVICE—Continued.

## RECAPITULATION.

Statutory salaries.....		\$112,133.16
Lump-fund salaries:		
In Washington.....	259,657.58	
Outside of Washington.....	817,199.89	
Stationery.....	27,224.96	
Miscellaneous supplies and services, equipment, books, machinery, etc.....	175,282.10	
Furniture.....	17,134.08	
Fuel.....	539.21	
Freight.....	1,085.79	
Express.....	3,312.56	
Telegraph.....	3,847.91	
Telephone.....	1,472.77	
Rent.....	28,675.88	
Gas and electricity.....	471.94	
Apparatus, instruments, and laboratory material.....	15,336.77	
Printing and binding.....	29,984.25	
Travel and station and field expenses.....	183,802.74	
<b>Total for entire Forest Service.....</b>	<b>1,677,160.99</b>	
<b>Total of all appropriations.....</b>	<b>1,968,969.00</b>	
<b>Total expenditures under above groups.....</b>	<b>1,677,160.99</b>	
Unexpended balance.....	291,808.01	
Repayments to credit of appropriations.....	135.47	
<b>Net unexpended balance.....</b>	<b>291,943.48</b>	
Balance under appropriations "Administration, etc., of Forest Reserves" and "Cooperative work, forest investigation," available until used.....	\$80,740.62	
Balance under appropriations "Administration, etc., of the national forests, 1907 and 1908," and "Survey and report on Appalaehian and White Mountain Watersheds, 1907 and 1908," available in fiscal year 1908.....	142,929.65	
	<u>223,670.27</u>	
Balance (September 30, 1907).....	68,273.21	
Outstanding liabilities (estimated).....	57,545.37	
<b>Balance to be turned back into Treasury (estimated).....</b>	<b>10,727.84</b>	

## PROJECTS.

The principal projects conducted by the Forest Service during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

## Administration:

## Forester and associate forester—

Salaries.....	\$14,050.00	
Travel and other expenses.....	4,117.34	
	<u>18,167.34</u>	\$18,167.34

## Branch of grazing—

Salaries.....	3,205.83	
Travel and other expenses.....	1,590.75	
	<u>4,796.58</u>	4,796.58

## Branch of silviculture—

Salaries.....	2,293.33	
Travel and other expenses.....	936.75	
	<u>3,230.08</u>	3,230.08

## Branch of products—

Salaries.....	2,025.00	
Travel and other expenses.....	635.85	
	<u>2,660.85</u>	2,660.85

## Branch of operation—

Salaries.....	3,125.00	
Travel and other expenses.....	312.02	
	<u>3,437.02</u>	3,437.02

## Supervision:

## Office of dendrology—

Salaries.....	3,800.00	
Travel and other expenses.....	1,030.94	
	<u>4,830.94</u>	4,830.94

## Supervision—Continued.

Office of extension—			
Salaries.....	\$3,396.33		
Travel and other expenses.....	1,376.12		
			\$4,772.45
Office of silvics—			
Salaries.....	2,109.45		
Travel and other expenses.....	545.17		
			2,654.62
Office of management—			
Salaries.....	4,216.67		
Travel and other expenses.....	2,096.19		
			6,312.86
Office of wood utilization—			
Salaries.....	2,733.34		
Travel and other expenses.....	766.73		
			3,500.07
Section of wood chemistry—Salaries.....			2,499.58
Section of wood uses—			
Salaries.....	1,662.79		
Travel and other expenses.....	25.00		
			1,687.79
Office of wood preservation—Salaries.....			2,608.34
Office of publication—			
Salaries.....	3,208.33		
Travel and other expenses.....	812.03		
			4,020.36
Office of organization—			
Salaries.....	8,546.26		
Travel and other expenses.....	3,882.45		
			12,428.71
Office of lands—Salaries.....			692.22
Office of engineering—			
Salaries.....	1,644.72		
Travel and other expenses.....	940.34		
			2,585.06
Office of accounts—Salaries.....			2,041.67
Office of maintenance—Salaries.....			1,717.00
Forest law:			
Salaries.....	6,465.28		
Travel and other expenses.....	2,627.93		
			9,093.21
Dendrological studies:			
Salaries.....	4,555.00		
Field, travel, and station expenses.....	3,185.55		
			7,740.55
Forest information:			
Salaries.....	750.00		
Travel and other expenses.....	145.06		
			895.06
Forest inspection:			
General—			
Salaries.....	21,429.23		
Travel and other expenses.....	17,207.90		
			38,637.13
Planting—			
Salaries.....	2,112.50		
Travel and other expenses.....	638.48		
			2,750.98
Wood products—			
Salaries.....	1,350.00		
Travel and other expenses.....	1,481.93		
			2,831.93
Appalachian study:			
Salaries.....	1,165.83		
Travel and other expenses.....	868.79		
			2,034.62



Control of grazing: Salaries.....		\$4, 808. 33	
Development of grazing:			
Salaries.....	\$4, 198. 83		
Travel and other expenses.....	2, 513. 51		
			6, 712. 34
Forest planting:			
Experimental stations and general supervision—			
Salaries.....	14, 336. 56		
Field, travel, and station expenses.....	22, 598. 92		
			36, 935. 48
Preliminary studies:			
Forest planting—			
Salaries.....	342. 34		
Traveling and other expenses.....	114. 86		
			457. 20
Working plans—			
Salaries.....	380. 01		
Traveling and other expenses.....	624. 76		
			1, 004. 77
Cooperative work:			
Forest planting—			
Salaries.....	5, 326. 62		
Field and travel expenses.....	3, 660. 04		
			8 986. 66
Forest management—			
Salaries.....	10, 203. 86		
Field and travel expenses.....	5, 807. 67		
			16, 011. 53
Forest products—Salaries and expenses (paid entirely from contributions).....			12, 195. 12
Fire lines on National Forests (paid entirely from contributions)...			1, 781. 66
Silvical studies:			
Salaries.....	\$703. 34		
Field and travel expenses.....	561. 32		
			1, 264. 66
Forest library: Salaries.....			3, 784. 06
Silvical compilation: Salaries.....			471. 50
Permanent sample plots:			
Salaries.....	\$3, 203. 49		
Field, travel, and station expenses.....	1, 861. 29		
			5, 064. 78
Logging supervision—National Forests:			
Salaries.....	45, 391. 62		
Field and travel expenses.....	28, 226. 05		
			73, 617. 67
Forest atlas:			
Salaries.....	1, 454. 45		
Travel and other expenses.....	291. 00		
			1, 745. 45
Wood chemistry studies:			
Extracts and distillates—			
Salaries.....	1, 150. 50		
Field, travel, and station expenses.....	1, 104. 06		
			2, 254. 56
Analyses—			
Salaries.....	862. 50		
Field and station expenses.....	1, 643. 19		
			2, 505. 69
Wood pulp—			
Salaries.....	1, 300. 00		
Field and station expenses.....	4, 396. 32		
			5, 696. 32
Special studies of wood uses:			
Salaries.....	4, 945. 82		
Travel, field, and station expenses.....	3, 390. 27		
			8, 336. 09

Timber-testing experiments:			
Salaries.....	\$14,075.83		
Travel, field, and station expenses.....	7,656.06		
			\$21,731.89
Compilation of statistics:			
Forest products—			
Salaries.....	2,408.33		
Travel and other expenses.....	552.80		
			2,961.13
Forest computations:			
Salaries.....	12,238.16		
Travel expenses.....	321.83		
			12,559.99
Drafting of forest maps: Salaries.....			23,630.60
Wood-preservation studies and experiments:			
Wood under ground—			
Salaries.....	3,433.34		
Travel and other expenses.....	1,084.25		
			4,517.59
Wood in water—			
Salaries.....	1,100.00		
Travel and other expenses.....	428.67		
			1,528.67
Wood above ground—			
Salaries.....	5,309.50		
Travel and other expenses.....	3,493.57		
			8,803.07
Publication of results, forest investigations:			
Salaries—			
Preparation of articles.....	1,800.00		
Editorial review.....	1,266.67		
Distribution.....	1,300.00		
Proof reading, etc.....	1,600.00		
Printing, bulletins, circulars, etc.....	41,516.96		
			47,483.63
Educational addresses, etc.:			
Salaries.....	1,508.74		
Travel and other expenses.....	1,169.97		
			2,678.71
Administration and protection of National Forests:			
Salaries of supervisors, rangers, and guards.....	850,994.17		
Travel, field, and station expenses.....	179,102.66		
			1,030,096.83
Forest boundary, surveys, and reports:			
Salaries.....	24,121.16		
Travel and field expenses.....	24,807.47		
			48,928.63
Examinations of mining claims: Travel expenses.....			3,219.47
Examinations of land titles, National Forests: Salaries.....			913.32
Examinations of homestead claims, National Forests: Salaries.....			878.33
Examinations of applications for use of National Forests: Salaries.....			8,132.77
Examinations of land claims, National Forests: Salaries.....			8,932.22
Supervision of permanent improvement work on National Forests:			
Salaries.....	\$633.94		
Travel and other expenses.....	876.72		
			1,510.66
Wichita Forest and Game Preserve.....			14,999.00
Accounting work:			
Receipts—Salaries.....	\$5,215.56		
Auditing and disbursing—Salaries.....	10,498.61		
Bookkeeping and accounting statistics—Salaries.....	8,556.13		
			24,270.30
Stenography and typewriting: General salaries.....			21,719.27
Mail distribution: Salaries.....			1,920.00
Files and mailing lists: Salaries.....			15,303.83

Photographic work:			
Salaries.....		\$5, 921. 33	
Equipment.....		240. 74	
Supplies.....		4, 181. 65	
			\$10, 343. 72
Quarters:			
Salaries of watchmen, messengers, etc.....		16, 358. 42	
Rent of buildings in Washington.....		19, 555. 49	
Maintenance and supplies.....		3, 227. 68	
			39, 141. 59
Supplies:			
Salaries—			
Purchase.....		1, 400. 00	
Care and distribution.....		6, 608. 29	
			8, 008. 29
Purchase—			
Office furniture and equipment.....		34, 417. 72	
Stationery and expendable supplies.....		31, 406. 11	
Camp and field equipment and supplies.....		20, 713. 02	
Field instruments.....		18, 945. 82	
Law books.....		498. 70	
			105, 981. 38
Telephone messages.....			668. 52
Telegrams.....			3, 847. 91
Freight charges.....			1, 047. 29
Express.....			3, 500. 00
Advertising timber sales, etc.....			3, 800. 00
Total for administrative purposes (including all liabilities for fiscal year 1907).....			1, 825, 319. 50
Payments for appropriations as follows:			
Salaries, Forest Service, 1907 (to September 30, 1907).....		112, 133. 16	
General expenses, Forest Service, 1907 (to September 30, 1907).....		834, 071. 85	
Administration, etc., of Forest Reserves (to June 30, 1907).....		707, 655. 96	
Administration, etc., of the National Forests, 1907 and 1908 (to June 30, 1907).....		6, 213. 21	
Cooperative work, forest investigations (to June 30, 1907).....		15, 573. 67	
Survey and report on Appalachian and White Mountain watersheds, 1907 and 1908 (to June 30, 1907).....		857. 14	
Wichita Forest and Game Preserve, 1907 (to September 30, 1907).....		656. 00	
Total payments.....			1, 677, 160. 99
Repayments to credit of appropriations.....			135. 47
Net total of payments.....			1, 677, 025. 52
Outstanding liabilities September 30, 1907, appropriations "General expenses, Forest Service, 1907," and "Wichita Forest and Game Preserve, 1907" (estimated).....			57, 545. 37
Outstanding liabilities, June 30, 1907, on account of allotments for fiscal year 1907 from appropriations "Administration, etc., of Forest Reserves," "Administration, etc., of the National Forests, 1907 and 1908," "Cooperative work, forest investigations," and "Survey and report on Appalachian and White Mountain watersheds, 1907 and 1908" (estimated).....			90, 748. 61
			1, 825, 319. 50



## BUREAU OF CHEMISTRY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Chemistry, 1907, \$28,260."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Wiley, H. W.	Chief of Bureau, at \$3,500.	\$3,500 00	\$649.96
Read, M. T.	Chief clerk, at \$1,600.	1,600.00	
Eckman, Ethel.	Clerk, class 2.	1,400.00	
Pierce, A. L.	do.	1,400.00	
Linton, Fred B.	Property clerk, at \$1,600.	1,600.00	
Anglin, Stella F.	Clerk, class 1.	1,100.00	
Baker, Alice L.	do.	1,200.00	
Parkinson, Nellie A.	do.	1,200.00	
Dallas, Marie L.	Clerk, at \$1,000.	994.45	
Duvall, Louise.	Library clerk, at \$900.	312.50	
Taylor, Mary W.	do.	37.50	
Waters, Caroline E.	do.	470.00	
Strong, Jacob.	Assistant property clerk, at \$900.	900.00	
Moore, Mary D.	Clerk, at \$840.	840.00	
Lind, Herman.	do.	583.33	9.25
Nordeman, Agnes M.	do.	256.67	
Emmons, Marion T.	Clerk, at \$720.	666.00	
Nordeman, Agnes M.	do.	500.00	
Shipe, Laura F.	do.	220.00	
Paulson, Fannie E.	do.	568.00	
Angelo, O. P.	Engineer, at \$1,200.	413.33	
Riggles, Thomas.	do.	450.00	
Gault, J. E. M.	Messenger, at \$840.	840.00	
Johnson, Martin A.	do.	840.00	
Chick, Thomas.	Skilled laborer, at \$720.	720.00	127.57
Dugan, Mary A.	do.	720.00	
Guasp, Ignacio.	do.	180.00	
Sindall, Harry E.	do.	144.00	
Brown, Horace.	Skilled laborer, at \$600.	600.00	
Moffitt, Archie W.	Fireman, at \$600.	600.00	
Gerard, Missouri.	Messenger and laborer, at \$480.	480.00	
George, Sadie A.	do.	480.00	
Ryon, Lillie.	do.	480.00	
Cohen, J.	Messenger or laborer, at \$420.	105.00	
Guasp, Ignacio.	do.	315.00	
De Atley, Phoebe.	do.	140.00	
Schwier, Julia R.	do.	247.34	
Total amount of appropriation.			\$28,260.00
Total amount paid for salaries.			27,103.12
Unexpended balance.			1,156.88

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Laboratory, Department of Agriculture, 1907, \$145,920."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bigelow, W. D.	Assistant chemist, at \$3,000.	\$3,000.00	\$679.32
Haywood, Jno. K.	Chief, miscellaneous laboratory, at \$2,500.	2,500.00	394.32
Kebler, Lyman F.	Chief, drug laboratory, at \$2,500.	2,500.00	218.98
Browne, Chas. A.	Chief, sugar laboratory, at \$2,000.	1,950.01	43.94
Chace, Edw. McK.	Assistant chief, food division, at \$2,000.	2,000.00	28.80
Moore, C. C.	Chief, plant analysis laboratory, at \$2,000.	1,794.43	103.10
Howard, Burton J.	Chief, microscopical chemical laboratory, at \$1,800.	1,800.00	3.64
Patrick, Geo. E.	Chief, dairy laboratory, at \$2,000.	2,000.00	28.23
Veitch, Fletcher P.	Chief, leather and paper laboratory, at \$2,000.	2,000.00	67.90
Pennington, Mary E.	Bacteriological chemist, at \$7.25 per diem.	35.16	342.40
Stiles, Geo. W., jr.	Bacteriological chemist, at \$1,600 and \$1,800.	1,750.00	101.98

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, \$145,920"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Cont'd.</i>			
Le Clerc, J. Arthur	Assistant chemist, at \$1,800	\$1,800.00	\$238.17
Bryan, A. Hugh	Assistant chemist, at \$1,600	533.34	
Smither, Fredk. W.	do	533.34	27.90
Boughton, F. W.	Assistant chemist, at \$1,400	241.12	
McNeil, Hiram C.	Assistant chemist, at \$1,200	286.67	
Poppe, Theodore F.	do	93.33	90.40
Gould, Ralph A.	Food inspection chemist, at \$1,800	1,050.00	258.32
Berkley, Wm. N.	Food inspection chemist, at \$1,600	195.55	
Skinner, Wm. W.	do	1,600.00	
Chamberlain, J. S.	Physiological chemist, at \$2,000	83.33	
Cook, F. C.	Physiological chemist, at \$1,400, \$1,600, and \$1,800.	1,550.00	61.60
Walker, Percy H.	Assayer, at \$1,600, and chief, contract division, at \$2,000.	1,783.34	62.63
Seidell, Atherton	Analyst, at \$1,400	707.78	7.80
Trescott, T. C.	Scientific assistant, at \$2,250	2,250.00	
Du Bois, Wilbur L.	Scientific assistant, at \$1,600	1,600.00	3.70
Gore, Herbert C.	do	1,600.00	210.84
Weber, Fredk C.	Scientific assistant, at \$1,600, and physiological chemist, at \$2,000.	1,700.00	
Boyle, Martin	Scientific assistant, at \$1,400	1,400.00	
Given, Arthur	do	668.89	153.39
Warner, H. J.	Scientific assistant, at \$1,400 and \$1,600.	1,500.00	
Amoss, Harold L.	Scientific assistant, at \$1,200	350.00	
Church, C. G.	do	1,200.00	426.39
Hoover, George W.	do	1,200.00	103.05
Parker, Chas. F.	Scientific assistant, at \$1,200 and \$1,400.	1,283.34	
Schulz, Henry L.	Scientific assistant, at \$1,200	1,200.00	
Taylor, Mary W.	do	1,150.00	
Bailey, Lorin H.	Scientific assistant, at \$1,000	436.11	
Dodge, Cleon O.	do	405.56	
Donk, Marion G.	Scientific assistant, at \$1,000 and \$1,200.	1,100.00	9.25
Holland, Herbert J.	Scientific assistant, at \$1,000	583.33	108.45
Keister, John T.	Scientific assistant, at \$1,000 and \$1,200.	1,100.00	
Leavitt, Sherman	do	1,100.00	
Murray, A. G.	Scientific assistant, at \$1,000	19.44	
Schreiber, J. H. A.	Scientific assistant, at \$1,000 and \$1,200.	1,100.00	
Smith, Wm. B.	Scientific assistant, at \$1,000	161.11	
Albrech, M. C.	Scientific assistant, at \$840 and \$1,200	791.33	43.14
Goodrich, Chas. E.	Scientific assistant, at \$840 and \$1,000	920.00	
Lichti, Emmet I.	Scientific assistant, at \$840	280.00	
McClelland, Byron	do	693.00	
Merrill, Frank D.	do	163.33	8.95
Young, Wm. J.	do	420.00	
Doyle, Aida M.	Chemical aid, at \$1,400	1,400.00	
Grayson, Mary C.	Chemical clerk, at \$1,000	1,000.00	
McDonnell, Curtis C.	Scientific aid, at \$1,600	444.44	
Sammet, C. Frank	Expert, at \$1,400	54.44	
Breazeale, Jas. F.	Laboratory assistant, at \$1,600	400.00	
Burnet, Wallace C.	Laboratory assistant, at \$1,200	1,200.00	1.00
Divine, John P.	Laboratory helper, at \$840 and \$1,000	920.00	
Houghton, Harry W.	Laboratory helper, at \$720, and scientific assistant, at \$840 and \$1,200.	451.34	
Cory, Robert M.	Laboratory helper, at \$600	161.67	
Darby, Samuel P.	do	176.67	
Goldsberry T. R.	do	400.00	
Hill, David H.	do	201.67	
Hume, Thaddeus S.	do	473.33	
Mathis, Walter R.	do	143.33	
O'Brien, Thomas	do	245.00	
Porter, C. F. T.	do	476.67	
Reid, Edward O.	do	175.00	
Sherwood, F. Sidney	Laboratory helper, at \$600 and \$720	660.00	
Sindall, Harry E.	Laboratory helper, at \$600	180.00	
Smoot, Chas. C.	do	485.00	4.20
Walton, George P.	do	15.00	
Wilson, C. P.	Laboratory helper, at \$600 and \$840	710.34	64.72
Wise, Frank H.	Laboratory helper, at \$600	323.33	
Williams, John	Laboratory helper, at \$480	480.00	
Straughn, M. N.	Special agent, at \$1,600	533.33	
White, Herbert	Special agent, at \$50 per month	26.67	

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, \$145,920"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Cont'd.</i>			
Wiley, M. H. ....	Collaborator, at \$300, and special agent, at \$1.200.	\$294.17	\$72.60
Coleman, J. G. ....	Clerk, at \$1,000.	500.00	
Warder, Nannie. ....	Clerk, at \$900.	17.50	
Phillips, Cecelia D. ....	Clerk, at \$840.	70.00	
Cassiday, May A. ....	Clerk, at \$720.	360.00	
Farquhar, Faith. ....	do.	34.00	
Sanderlin, Georgia. ....	do.	32.00	
Heckman, Nettie S. ....	Clerk, at \$600 and \$720.	354.33	
Orten, Warren S., jr. ....	Clerk, at \$600.	76.67	
Olson, Herman E. ....	Bookkeeper, at \$900.	300.00	
Thompson, Nellie L. ....	Stenographer and typewriter, at \$60 per month.	60.00	
Blackowski, V. ....	Painter, at \$3.50 per diem.	168.00	
Breen, John. ....	do.	7.00	
Charles, Arthur. ....	do.	14.00	
Davis, Fritz C. ....	do.	308.00	
Davis, George A. ....	do.	87.50	
Gossage, Harry C. ....	do.	95.38	
Jones, Frederick T. ....	do.	240.63	
Smith, Andrew J. ....	do.	70.00	
Been, George. ....	Carpenter, at \$3.50 per diem.	504.00	
Inglehart, Thos. G. ....	do.	290.00	
Naylor, Franklin P. ....	do.	416.50	
Richardson, C. L. ....	do.	108.50	
Sands, John K. ....	Plumber, at \$4 per diem.	200.00	
Hofman, John. ....	Plumber's helper, at \$50 per month.	86.67	
Haley, George W. ....	Engineer, at \$3 per diem.	261.00	
Carter, Wm. R. ....	Unskilled laborer, at \$600 and \$660.	630.00	
Robinson, Henry. ....	Unskilled laborer, at \$1.50 per diem.	78.00	
Thomas, Garfield. ....	Unskilled laborer, at \$1.50 per diem and \$540 per annum.	453.00	
Harris, Rickson T. ....	Janitor, at \$1.50 per diem.	4.50	
Cohen, Joseph. ....	Messenger boy, at \$360.	93.00	
Campbell, A. J., jr. ....	Messenger boy, at \$300.	100.00	
Sherfy, Robert E. ....	do.	23.33	
Brodie, Annie. ....	Charwoman, at \$380.	57.33	
Grigsby, Georgia. ....	Charwoman, at \$20 per month.	2.00	
Total. ....		76,297.58	
<i>Out of Washington.</i>			
Doolittle, R. E. ....	Food inspection chemist, at \$2,500.	\$1,458.33	\$172.76
Ogden, A. W. ....	Food inspection chemist, at \$2,000.	1,166.66	
Clark, Edmund. ....	Food inspection chemist, at \$1,600.	933.33	
Brinton, Clement S. ....	Food inspection chemist, at \$1,400.	\$16.66	38.32
Frost, Howard V. ....	do.	\$16.66	83.51
Pennington, Mary E. ....	Bacteriological chemist, at \$7.25 per diem, and \$1.15 per hour.	1,538.06	
Hesse, Bernhard C. ....	Expert, at \$250 per month.	1,833.33	
Pettit, J. H. ....	Expert, at \$5 per diem.	50.00	
Street, J. P. ....	do.	50.00	
Winton, A. L. ....	do.	50.00	270.00
Woll, F. W. ....	do.	50.00	
Woodman, A. G. ....	Scientific assistant, at \$6 per diem.	306.00	
Smith, B. H. ....	Scientific assistant, at \$1,800.	1,050.00	115.90
Harrison, C. W. ....	Scientific assistant, at \$1,600.	933.33	97.05
Seeker, A. F. ....	do.	933.33	
Woodruff, F. O. ....	Scientific assistant, at \$1,000 and \$1,200.	591.66	
White, B. R. ....	Chemical clerk, at \$1,000.	583.33	
McNamara, L. C. ....	Laboratory helper, at \$720.	420.00	
Bender, Wm. A. ....	Laboratory helper, at \$600, and scientific assistant, at \$840.	378.01	
Burnett, L. B. ....	Laboratory helper, at \$50 per month.	350.00	
Danziger, Nathan. ....	do.	51.66	
Foster, Wm. W. ....	Laboratory helper, at \$600.	146.67	
Gamble, Fred G. ....	do.	43.33	
Gay, Francis. ....	Laboratory helper, at \$50 per month.	141.67	
Gersdorff, C. E. F. ....	Laboratory helper, at \$600.	350.00	
Tasker, Wm. ....	do.	350.00	



## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, \$145,920"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Sadd, L. E.	Laboratory apprentice, at \$60 per month.	\$420.00	
Barnard, H. E.	Special agent, at \$10 per diem.	100.00	\$65.75
Fisher, Richard.	do.	110.00	87.81
Fulmer, Elton.	do.	270.00	326.40
Jenkins, Edward H.	do.	105.00	99.55
Scovell, Melville A.	do.	120.00	48.78
Weber, H. A.	do.	90.00	57.10
White, A. H.	Special agent, at \$7 per diem.	62.00	
St. John, E. Q.	Special agent, at \$5 per diem.	743.22	
Alwood, Wm. B.	Special agent, at \$100 per month, and bacteriological chemist, at \$2,000 per annum.	1,470.00	343.45
Frear, Wm.	Special agent, at \$100 per month.	1,200.00	118.91
Straughn, M. N.	do.	73.33	
Bitting, A. W.	Special agent, at \$55 per month.	385.00	169.50
Walls, Edgar P.	Special agent, at \$50 per month.	50.00	111.7
Wahl, Robert.	Special agent, at \$25 per month.	300.00	
Betts, Helen M. P.	Artist, at \$1.50 per hour.	71.63	
Alwood, Nellie S.	Collaborator, at \$10 per month.	29.00	
Johnson, Henry.	Messenger boy, at \$2 per diem.	12.00	
Total		21,003.20	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, \$145,920."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Andrews Paper Co., R. P.	\$73.76	American Automatic Disinfectant Co.	\$7.20
Ballantyne, R. Carter.	65.62	American Can Co.	4.00
Ballantyne & Son, Wm.	16.20	American Gas Furnace Co.	9.70
Collins, Jeff.	4.20	American Ice Co.	24.08
Contingent expenses.	96.18	American Mercantile Co.	1.00
District of Columbia Paper Co.	15.90	American Shipping Co.	.50
Eagle Pencil Co.	11.24	Amerman & Patterson.	1.38
Gaylord Bros.	2.15	Anchor Lamp Co.	8.16
Lamb & Tilden.	4.00	Anderson & Co., P. E.	1.97
Law Reporter Printing Co.	1.00	Arbuckle Bros.	10.00
Library Bureau.	198.69	Austin, Nichols & Co.	41.47
Lincoln, Fred S.	9.09	Baird & Tatlock (Limited), London.	20.77
Lindemeyer, Philip.	15.00	Balch, Bailey & Co.	1.00
Monarch Typewriter Co.	1.70	Bankmann, Richard.	58.90
Morrison Paper Co., E.	24.50	Barber & Ross.	108.00
Newman, E. S.	1.75	Barclay, Clements Co.	2.35
Parker, D. Frank.	85.35	Bartlett Co., Stephen L.	16.29
Schmidt, Fred A.	.98	Bates Manufacturing Co.	.50
Students Cooperative Society.	13.75	Batjer & Co.	.85
Swayze, Balley & Co.	1.25	Becker, C.	1.00
Swayze, W. L.	687.76	Becker & Co., Chas.	31.53
Union Envelope Co.	12.76	Benson, C. L.	9.96
United States Envelope Co.	300.55	Bentley Co., Geo. Wm.	4.98
Yawman & Erbe Manufacturing Co.	199.62	Betz, Ernest.	7.50
Remington Typewriter Co.	12.25	Biglin, Bernard.	1.28
Total	1,855.25	Blache & Co., O. C.	1.33
		Blakiston's Son & Co., P.	67.10
<i>Miscellaneous supplies, etc.</i>		Booth & Co., A.	.18
Acker, Mervall & Condit Co.	8.87	Boston Gear Works.	5.91
Agesto, Andrea.	.33	Bothwell, James.	1.05
Ahlbrecht, A. L.	1.68	Bouche, Paul.	1.16
Alberene Stone Co.	27.00	Bowkes & Co. (Incorporated), E. A.	.24
Allen, Mitchell & Co.	1.50	Boyle, W. V.	60.00
Allen Manufacturing Co., W. D.	10.90	Bravo, Samuel B. H.	6.60
		Brown Co., Paul Taylor.	.89

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, \$145,920"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Buchey & Co., J. J.	\$0.35	Grubnan, Carl	\$0.75
Bunnell, J. H. & Co.	9.00	Haller Wall Paper Co.	1.00
Burton, Daniel	13.75	Hannagan, Mary A.	5.87
Burton, R. C. M.	26.84	Hansen & Dickmann	1.53
Bush & Co. (Incorporated, W. J.)	5.55	Harrison Bros. & Co., (Incorporated)	20.92
Capital Paper Box Co.	27.60	Hayden, H. F.	20.00
Capital Traction Co.	35.00	Hayes & Co., J. A.	34.66
Carl, Frederick	35.40	Hazard & Co., E. C.	1.27
Carleton & Moffat	.32	Hedley, Thos. A.	.66
Central Electric Co.	47.50	Heine & Co.	.75
Central Laboratory Supply Co.	6.25	Hellman Oil Co.	1.40
Chamberlain Metal Weatherstrip Co.	.60	Herbst Brothers	.35
Church & Stephenson	381.78	Hermitage Olive Oil Co.	.30
Clarke & Co., John	.45	Hess, Jacob P.	4.20
Cobb, Bates & Yerxa Co.	.66	Hickerson, H. C.	15.00
Cadman & Hall Co.	3.96	Hobson & Son, M. F.	14.00
Collins, J. Ross	22.59	Hollcroft, C. E.	4.20
Conkey & Co., John A.	.74	Holt, Geo. H.	1.20
Continental Forwarding Co.	.50	Holtz & Freystedt Co.	.72
Copeland Co., M. G.	4.76	Hoover & Denham	366.05
Cordley & Hayes	11.25	Horch, C. M.	.35
Cornwell & Sons, G. G.	73.84	Horner, Jas. B.	2.25
Cotton, James S.	.75	Harris, Chas. R.	1.72
Cowsill, Arthur	506.72	Haupt, D. F.	4.33
Crown Distilleries Co.	.55	Hovey & Co., C. F.	1.22
Crupper, Joseph L.	6.05	Hurdie, Edward, estate of	4.00
Curtice Brothers Co.	111.60	Independent Ice Co.	21.26
Dagrino & Co., J. R.	1.05	International Forwarding Co.	5.57
Deering, Charles	1.52	Janney & Co., (Incorporated), B. L.	
Deforth Bros.	4.28	jr.	2.96
Delapenha & Co., R. U.	42.09	Javins & Sons, C. H.	12.10
Denmery, Charles	12:17	Jevne & Co., C.	2.59
Dennison Manufacturing Co.	4.25	Johnson, Axel	7.68
Devine, Richard	1.33	Johnson, Albert L.	20.74
Dexter, Gordon	6.00	Johnson, George	6.50
Dinnoek & Fink Co.	52.98	Johnson, Griffith L.	350.00
Dodge & Oleott Co.	4.93	Joyce Engraving Co., M.	1.50
Douglas, W. H.	1.95	Jung, L. E.	10.00
Downing, Judge & Co.	1.23	Kann Sons & Co., S.	28.40
Dubler, Herman	1.08	Keasby & Mattison Co.	38.09
Dulin & Martin Co.	16.63	Keith Son & Co., Walter H.	.63
Du Perow, M.	111.62	Kellogg & Son, H.	6.99
Dyer, Wm. H.	6.00	Kellogg Switchboard and Supply Co.	17.50
Eastern Drug Co.	.62	Kemm, Theodore	.50
Eitel Brothers	.53	Kendall, J. B.	1.00
Ellett, Edwin E.	165.00	Killian Co., Geo. P.	25.00
Elliott Company	20.00	Kirkman & Vale	1.22
Elliott & Co., James	130.56	Koernicke, Annie I.	4.75
Ellis & Co., John F.	1.50	Kohnstamm & Co., H.	6.21
Ergood & Co., J. C.	42.18	Lacy, C. T.	25.00
Espey, John P.	55.44	Lake Kenka Vintage Co.	2.03
Estler & Son, T. W.	106.71	Lake Ontario Wine Co.	2.60
Evans Sons, Lescher & Webb Lein	.50	La Manna, Azema & Farnan	25.15
Fawcett, estate of J. W.	3.75	Lamb & Tilden	1.50
Feidt & Co., Geo. D.	3.04	Lambie Co., (Incorporated), Jas. B.	43.41
Fisk, W. H.	1.00	Lansburgh & Bro.	5.86
Flagg & Co., D. F.	.83	Lauber, Carl F.	4.35
Fleck Bros. Co.	26.77	Leeming & Co., Thos.	3.75
Freda, Gioconda	.38	Leggett & Co., T. H.	5.14
Fremery & Co., James de	.77	Lehn & Fink	3.14
Fritch & Son, Geo. T.	7.26	Lisner, A.	10.20
Fritzsche Bros.	.80	Longhi & Co., Emilio	.32
Gaertner & Co., Wm	1.02	Lowry & Bro., Alfred	.42
Gaudolfi & Co., L.	.20	Lucas & Co., Jno	2.50
Gelpi & Sons, Paul	2.42	Lueders & Co., Geo.	1.10
Getz Bros. & Co., (Incorporated)	.70	Lynch, Jno. C.	7.55
Giehner, Ernest	25.50	McCubbin Co., C. J.	1.40
Gimbel Bros.	16.05	McCuen, William H.	14.00
Githens, Rexsamer Co.	16.85	McDonough & Co., M. F.	1.95
Godlett & Co.	7.64	McIlvaine Brothers	.67
Golden & Co.	4.57	Mac Rae, Hector C.	7.90
Grand, J. L.	64.50	Macy & Co., R. H.	1.50
Granville, M. L.	25.25	Manierre Yoe Syrup Co.	.72
Green, John S. P.	8.75	Martin, Gustav	6.09
Groome & Co.	.75	May Hardware Co., F. P.	1.00
Grossfeld & Roe Co.	.30	Menzel & Co.	4.84

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, \$145,920"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Meyer & Lange.....	\$78.09	Simple Electric Heating Co.....	\$80.69
Middendorf & Roher.....	.38	Smith & Co., James P.....	46.21
Mieg, Brady & Lincoln Co. (Limited).....	2.00	Smith & Bros. Typewriter Co., L. C.....	80.00
Miller, F. C.....	.90	Smith Premier Typewriter Co.....	354.15
Mineralized Rubber Co.....	.81	Smith & Sons, Thos. L.....	2.72
Mitchell, Fletcher & Co., (Incorporated).....	.80	Somerset Club.....	.82
Monarch Typewriter Co.....	120.00	Somerville Co., Thos.....	524.62
Moos & Co.....	31.30	Standard Oil Co.....	41.31
Morris & Co., James E.....	2.53	Stansbury, D. R.....	34.00
Morschhauser, W. A.....	400.00	Stanton & Co.....	.94
Mueller Manufacturing Co., H.....	64.00	Starr Co., B. F.....	11.53
Murphy Co. (Incorporated), E. J.....	1.50	Stein, Hirsch & Co.....	3.45
Musolino & Berger.....	3.74	Stickler, Charles.....	1.18
Muth & Co., Geo. F.....	139.05	Stollwerck Bros.....	1.16
Naisawald & Son, L. C.....	.48	Strohmeyer & Arpe Co.....	26.54
National Electric Supply Co.....	162.72	Students' Cooperative Society.....	3.60
National Mortar Co.....	11.95	Swedish Produce Co.....	4.46
Nawrath, J. P.....	4.65	Sweet & Co., E. F.....	.25
Nelson Refrigerator Co.....	.10	Takeda & Co., H.....	1.00
Netter, C. S.....	6.04	Terrile, P.....	5.35
Newbauer & Co., J. H.....	1.63	Thomas, B. M.....	119.95
New Hammondspport Vintage Co.....	4.16	Thomfordt, Henry.....	109.57
Newman & Schwiers Co.....	9.40	Thompson, C. W.....	126.99
New York Press Co. (Limited).....	19.20	Thompson, J. S.....	127.41
Nice, Eugene E.....	1.07	Thompson & Leavitt.....	2.90
Nicholson & Son, Jas. A.....	17.00	Thurston & Braidich.....	1.65
Novelty Electric Co.....	19.54	Times-Democrat.....	6.75
Ogg, Aikman.....	2.90	Tindell, Chas. W.....	.80
Okonite Co. (Limited).....	59.15	Toch Paint Supply Co.....	7.08
Oliver, T. W. Co.....	96.60	Tolman Laundry.....	8.41
Oyster, Geo. M., jr.....	30.60	Troemner, Henry.....	.66
Oyster, D. Wm., jr.....	178.13	Underwood Typewriter Co.....	252.00
Park & Tilford.....	6.44	Union Paper Co.....	9.80
Pascal, Dubedot & Co.....	2.92	Union Toilet Supply Co.....	1.75
Pastene & Co., P.....	16.12	United Hardware Co. (Limited).....	6.60
Patent Fin Hot Water Heating Co.....	31.32	United States Mailing Case Co.....	31.50
Paturel, George A.....	1.34	Valk & Bro., S. J.....	2.52
Peerless, Electric Co.....	49.75	Vance & Co., James M.....	7.29
Peoples Pure Ice Co.....	26.75	Vogt, F.....	.67
Perkins & Son (Incorporated), B. F.....	75.00	Von Bremen, MacMonnies & Co.....	38.78
Perry & Co., J. P.....	9.85	Wade, G. Taylor.....	26.60
Pickert Fish Co., L.....	.41	Wagner & Sons, John.....	.51
Pierce Co., S. S.....	79.46	Wakem & McLaughlin.....	20.76
Polk Co., J. T.....	125.00	Walker, Sons, J. T.....	.40
Potomac Electric Power Co.....	10.00	Walker & Longstreet.....	37.00
Press Co.....	10.40	Wanamaker, John.....	65.30
Purtell & Co., J. J.....	4.25	Warber & Lea Co.....	2.24
Pyle Co., C. & W.....	2.00	Warren & Dyer.....	10.00
Rau, John C.....	27.54	Washington Market Co.....	16.50
Reichard, E. A.....	1.30	Washington Wood Working Co.....	335.75
Reid, C. & D., Supply Co., A. H.....	.79	Weber & Co., F.....	.90
Reilly, Hugh.....	126.80	Weber, Jules.....	12.55
Reiss & Brady.....	39.72	Weil, Ph.....	1.89
Remington Typewriter Co.....	631.48	Wellman Peck & Co.....	.28
Roberts, Frank L.....	4.79	Wenz, Henry.....	.29
Rockhill & Vietor.....	.20	Westinghouse Air Brake Co.....	1.80
Rohner Co., Henry.....	9.90	White, B. T.....	5.85
Ronalds & Johnson Co.....	15.25	White, Fred C.....	40.60
Rosenfeld, N.....	3.38	Williams & Co., Arthur, jr.....	5.70
Ross & Bro. (Incorporated), W. A.....	7.50	Winfield, A. A.....	8.00
Rothschild & Co., Jno.....	1.67	Witte Hardware Co., Francis T.....	6.25
Rudolph & West Co.....	121.94	Woodward & Lothrop.....	36.87
Russo, Ernest.....	2.94	Woodward & Son, Thos.....	.75
Sabino, Carmine.....	.80	Zanesville Stoneware Co.....	42.80
Sacco, Guiseppe.....	.50		
Sandz, Auguste.....	.60	Total.....	10,182.68
San Gabriel Valley Fruits Provision Co.....	1.11	<i>Furniture.</i>	
Schaefer, J. W.....	.40	Fuller Desk Co., Geo. H.....	77.50
Schaefer & Co., E. G.....	89.16	Globe-Wernicke Co.....	17.50
Schieffelin & Co.....	4.50	Gottwals, W. O.....	38.75
Schneider's Sons, C.....	8.75	Hoeko, W. H.....	494.27
Schneider's Sons, C. A.....	2.50	House & Herman.....	8.75
Sheldon & Co., G. W.....	51.67	Lansburgh Furniture and Carpet Co., J.....	32.90
Sheppard & Co., Isaac A.....	7.28	Library Bureau.....	320.25
Shipman, B. M.....	2.09		



## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, \$145,920"—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture—Continued.</i>		<i>Rent—Continued.</i>	
Lincoln, Fred S. ....	\$46.40	Pilling, John W. ....	\$133.33
Macey Company .....	7.50	Total .....	3,633.33
Moses & Sons, W. B. ....	262.93	<i>Gas and electricity.</i>	
Revell & Co., A. H. ....	22.50	Boston Consolidated Gas Co. ....	4.33
Stokes, W. ....	1.80	New Orleans Gaslight Co. ....	1.44
Wanamaker, John. ....	87.50	Potomac Electric Power Co. ....	314.06
Woodrugg Manufacturing Co. ....	343.00	United Gas Improvement Co. ....	35.20
Woodward & Lothrop. ....	171.05	Washington Gaslight Co. ....	613.50
Yawman & Erbe Manufacturing Co. ....	255.83	Total .....	968.53
Total .....	2,188.43	<i>Apparatus, instruments, and laboratory material.</i>	
<i>Freight.</i>		American Distilling Co. ....	2.80
American Transfer Co. ....	2.44	American Distributing Co. ....	223.75
Atchison, Topeka and Santa Fe Ry. Co. ....	21.54	Andel & Co., Theo. ....	7.00
Baltimore and Ohio R. R. Co. ....	31.25	Baker & Co. (Incorporated). ....	119.28
Biglin, Bernard. ....	.32	Baker & Adamson Chemical Co. ....	4.93
Blue Line Transfer Co. ....	.87	Bausch & Lomb Optical Co. ....	2,230.99
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. ....	1.44	Becker, Christian. ....	547.10
Clute, Alva B. ....	.19	Berkefield Filter Co. ....	42.50
Littlefield, Alvord & Co. ....	15.75	Bishop & Co., J. ....	659.75
Maine Central R. R. Co. ....	.82	Central Laboratory Supply Co. ....	73.30
Missouri Pacific Rwy. Co. ....	6.29	Columbia Photo Supply Co. ....	17.11
New Orleans and Northeastern R. R. Co. ....	.94	Cordley & Hayes. ....	25.00
O'Heron, John J. ....	.25	Daigger & Co., Andrew. ....	6.20
Pennsylvania R. R. Co. ....	18.04	Dimock & Fink Co. ....	236.64
Philadelphia and Reading Rwy. Co. ....	1.06	Eastern Drug Co. ....	1.72
Philadelphia Transfer. ....	1.00	Eimer & Amend. ....	689.73
Smedley Co. ....	4.00	Evans, Henry. ....	1.70
Southern Rwy. Co. ....	2.35	Fairbanks Co. ....	7.50
Star Union Line. ....	.79	Feidt & Co., Geo. D. ....	8.94
Students Transfer Co. ....	2.75	Gerber, A. D. ....	775.60
Washington-Southern Rwy. Co. ....	3.79	Gilman, Z. D. ....	1,157.94
Total .....	115.88	Grand, J. L. ....	6.00
<i>Express.</i>		Green, Henry J. ....	72.00
Adams Express Co. ....	778.12	Greiner Co., Emil. ....	777.45
United States Express Co. ....	202.99	Herpick, Chris. ....	63.90
Total .....	981.11	Hohmann & Maurer Manufacturing Co. ....	5.00
<i>Telegraph.</i>		Hove & Shipley. ....	8.00
Postal Telegraph-Cable Co. ....	26.25	Justinian Caire Co. ....	328.06
Western Union Telegraph Co. ....	40.17	Keuffel & Eser Co. ....	39.25
Total .....	66.42	Kny-Scheerer Co. ....	24.05
<i>Telephone.</i>		Leese, M. A. ....	.80
The Chesapeake and Potomac Telephone Co. ....	51.95	Leitz, Ernest. ....	288.95
Chicago Telephone Co. ....	18.08	Lewis, E. J. ....	10.00
Cumberland Telephone and Telegraph Co. ....	60.00	Liquid Carbonia Co. ....	14.25
Keystone Telephone Co. of Philadelphia. ....	26.91	Lyons & Co. (Limited), I. L. ....	17.45
New England Telephone and Telegraph Co. ....	45.30	McEvay, Thomas J. ....	2.04
Pacific Telephone and Telegraph Co. ....	36.40	McKee & Co., A. J. ....	11.50
Total .....	238.64	McNab & Harlin Manufacturing Co. ....	7.50
<i>Rent.</i>		Machlett & Son, E. ....	252.24
Beveridge, estate of Susan J. ....	300.00	Mackall Bros. ....	2,340.11
Buhl, Willis E. ....	100.00	Magnus & Lauer. ....	10.75
Jackson & Co., J. T. ....	525.00	Mallinekrodt Chemical Works. ....	13.75
Johnson & Son, J. H. ....	2,500.00	Mathy Company. ....	142.50
Pennsylvania Cold Storage and Market Co. ....	75.00	Merk & Co. ....	26.25
		Michigan Chemical Co. ....	3.50
		Moore, A. L. ....	4.36
		Mott Iron Works, J. L. ....	34.00
		Murphy Co., E. J. ....	3.60
		Perkins & Son (Incorporated), B. F. ....	8.00
		Pullman, E. J. ....	14.96
		Queen & Co. ....	17.25
		Rau, John C. ....	8.98
		Ronalds & Johnson Co. ....	34.30
		Sargent & Co., E. H. ....	185.00
		Schmidt, Fred A. ....	8.50
		Sheetz, W. Silas. ....	1.50
		Shields, W. S. P. ....	2,473.11
		Sholes Co., Chas. E. ....	.55

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, \$145,920"—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Southern Redistilling & Rectifying Co. (Limited).....	\$2.15	Fischer, Richard.....	\$87.81
Spencer Lens Co.....	29.42	Frear, Wm.....	118.91
Squibb & Sons, E. R.....	12.50	Frost, H. V.....	80.42
Squier Manufacturing Co., Geo. L.....	28.33	Fulmer, Elton.....	198.40
Sundt Electric Co.....	40.90	Given, A.....	153.39
Thomas Co., A. H.....	1,992.41	Gore, Herbert C.....	207.16
Torsion Balance Co.....	12.05	Gould, Ralph A.....	258.32
Troemner, Henry.....	14.65	Harrison, C. W.....	97.05
Tschiffely, F. A., jr.....	16.00	Haywood, J. K.....	394.32
Wagner Glass Works.....	6.45	Holland, Herbert J.....	108.45
Washington Wholesale Drug Exchange.....	19.63	Houghton, H. W.....	95.21
Weissenthaner, A.....	1.80	Jackson, Geo. H.....	57.10
Wellner, Emil.....	18.50	Jenkins, Edward H.....	99.55
Western Distilleries Distilling Co.....	24.91	Kebler, L. F.....	25.00
Whitall, Tatum Co.....	421.19	Le Clerc, J. A.....	28.00
White, B. F.....	6.57	Merrill, F. D.....	9.95
Total.....	16,746.35	Moore, C. C.....	103.10
<i>Travel and station and field expenses.</i>		Patrick, George E.....	21.22
Alwood, Wm. B.....	343.45	Pennington, Mary E.....	342.40
Barnard, H. E.....	65.75	Scovell, M. A.....	48.78
Bigelow, W. D.....	270.26	Seidell, Atherton.....	7.80
Bitting, A. W.....	169.50	Smith, B. H.....	109.84
Brinton, Clement S.....	34.61	Smither, F. W.....	27.90
Browne, C. A., jr.....	43.94	Smoot, C. C.....	4.20
Burnet, C. Wallace.....	1.00	Stiles, Geo. W., jr.....	31.68
Chace, Ed MacKay.....	25.75	Straughn, M. N.....	561.66
Chick, Thomas.....	127.57	Veitch, F. P.....	67.90
Church, C. G.....	400.08	Walker, Percy H.....	62.63
Cook, Frank C.....	61.60	Walls, Edgar P.....	111.70
Donk, M. G.....	9.25	Weber, H. A.....	57.10
Doolittle, R. E.....	144.80	Wiley, H. W.....	244.26
		Wiley, M. H.....	72.60
		Winton, A. L.....	36.62
		Total.....	5,627.99
Total amount of appropriation.....			\$145,920.00
Total expenditures under above groups.....			139,905.39
Unexpended balance.....			6,014.61
Repayments to credit of appropriation.....			11.00
Net unexpended balance.....			6,025.61

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of Contract.	Approximate amount.
Cowsill, Arthur.....	Installing ventilator.....	\$563.02
Gerber, A. D.....	Equipping laboratory.....	743.60
Shields, W. S. P.....	do.....	2,473.11
Total.....		3,779.73

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Enforcement of the food and drugs act, 1907, \$250,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Dunlap, F. L.	Associate chemist, at \$3,500	\$602.78	
Barker, Howard W.	Food and drug inspection chemist, at \$1,800	150.00	\$75.77
Havenhill, L. D.	do.	130.00	94.55
Sy, Albert P.	do.	90.00	
Ross, Samuel H.	Food and drug inspection chemist, at \$1,600	142.22	92.00
Seil, Harvey A.	Food and drug inspection chemist, at \$1,500	166.67	
Sullivan, A. L.	do.	125.00	78.97
Balcom, R. Wilfred.	Assistant chemist, at \$1,400	35.00	
Fuller, Henry C.	Assistant chemist, at \$1,200	316.67	
Kimberly, Chas. H.	do.	330.00	
Luther, John B.	Assistant chemist at \$840	32.67	
Brown, A.	Food and drug inspector, at \$2,000	455.56	146.03
Garber, John H.	do.	250.00	355.93
Campbell, W. G.	Food and drug inspector, at \$1,800 and chief inspector, at \$2,250	108.75	107.45
Meserve, Chas. A.	Food and drug inspector, at \$1,800	140.00	128.31
Anderson, Wm. H.	Food and drug inspector, at \$1,600	106.67	115.55
Woolsey, A. B.	do.	124.45	104.34
McIntyre, A. J.	Food and drug inspector, at \$1,400	50.56	14.07
Wollard, Frank L.	do.	116.67	147.54
Wharton, Wm. R. M.	Food and drug inspector, at \$1,200	93.33	157.62
Hart, B. R.	Scientific assistant, at \$5 per diem	30.00	61.20
Rector, Frank	Scientific assistant, at \$1,200	433.33	
Young, Wm. J.	Scientific assistant, at \$1,000	500.00	
Boyle, Charles W.	Expert, at \$1,600	733.35	34.36
Coleman, Jay G.	Clerk, at \$1,200	600.00	
Shibley, James G.	do.	400.00	
Walters, Harry H.	Clerk, at \$1,200, and \$1,400	566.67	
Kline, Helen M.	Clerk, at \$720	306.00	
Phillips, Maud.	do.	306.00	
Pitts, Virginia E.	do.	304.00	
Pritchett, Kathryn	do.	306.00	
Proctor, Mary F.	do.	330.00	
Shipe, Laura F.	do.	80.00	
Shuman, Ursula.	do.	300.00	
Wood, Myrtle J.	do.	170.00	
Total.		8,932.35	
<i>Out of Washington.</i>			
Winton, A. L.	Food inspection chemist, at \$3,000	758.33	
La Wall, Chas. H.	Food inspection chemist, at \$10 per diem	56.42	8.40
Doolittle, R. E.	Food inspection chemist, at \$2,500	1,041.67	
Ogden, A. W.	Food inspection chemist, at \$2,000	833.34	
Seeker, A. F.	do.	833.34	
Gould, R. A.	Food inspection chemist, at \$1,800	750.00	
Clark, Edmund	Food inspection chemist, at \$1,600	666.67	
Frost, H. V.	do.	666.67	
Taylor, A. E.	Assistant chemist, at \$1,000	351.11	
Lyman, Edmund R.	Assistant chemist, at \$1,200	293.33	
Mitchell, Andrew S.	Chief of St. Paul laboratory, at \$2,750	297.93	115.71
Smith, B. H.	Chief of Boston laboratory, at \$2,000	833.34	
Brinton, C. S.	Chief of Philadelphia laboratory, at \$1,600	666.67	
Duff, Jas. C.	Food and drug inspector, at \$2,000	155.50	70.08
Kitchen, Harry C.	Food and drug inspector, at \$1,800	70.00	113.77
Cameron, Walter S.	Food and drug inspector, at \$1,600	66.67	64.47
Earnshaw, John T.	do.	71.10	62.92
Haley, John C.	do.	88.89	143.51
Holton, Chas. E.	do.	13.33	
Judge, Arthur J.	do.	124.44	120.25
Miller, Walter C.	do.	124.44	91.22
Moore, Harry C.	do.	57.78	
Stengel, Arthur	do.	124.44	51.70
Walsh, Daniel M.	do.	116.67	124.70
Winslow, Barclay C.	do.	124.44	89.96
Adams, Geo. H.	Food and drug inspector, at \$1,500	116.67	54.93
Hager, Gordon L.	do.	79.17	108.32



## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Enforcement of the food and drugs act, 1907, \$250,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Sudler, Oden R.	Food and drug inspector, at \$1,400.	\$93.33	\$107.59
Wagner, Harvey H.	do.	101.11	118.77
Young, Robert.	do.	108.89	93.37
Lynch, John L.	Food and drug inspector, at \$1,000.	77.77	121.83
Wiegand, N. M.	do.	38.89	114.06
Ladd, E. F.	Expert, at \$150 per report.	150.00	
Bitting, A. W.	Special agent, at \$150 per month, and food and drug inspector, at \$1,800.	750.00	
Woodman, A. G.	Scientific assistant, at \$6 per diem.	270.00	
Harrison, C. W.	Scientific assistant, at \$1,600.	666.67	
Woodruff, F. O.	Scientific assistant, at \$1,200.	500.00	
Holland, H. J.	Scientific assistant, at \$1,000.	416.67	
Merrill, F. D.	Scientific assistant, at \$840.	350.00	
White, B. R.	Chemical clerk, at \$1,000, and food and drug inspector, at \$1,200.	433.33	
McNamara, L. C.	Laboratory helper, at \$720.	300.00	
Burnett, Lyle B.	Laboratory helper, at \$50 per month.	250.00	
Foster, Wm. W.	Laboratory helper, at \$600.	150.00	
Gamble, Fred. G.	Laboratory helper, at \$50 per month.	110.00	
Gersdoiff, C. E. F.	Laboratory helper, at \$600.	250.00	
Tasker, William.	Laboratory helper, at \$50 per month.	250.00	
Wachter, Louis E.	Laboratory helper, at \$600.	160.00	
Sadd, L. E.	Laboratory apprentice, at \$60 per month.	300.00	
Bates, Carleton.	Laboratory assistant, at \$50 per month.	10.00	
Lind, Herman.	Clerk, at \$840.	256.67	
Lynch, Joseph T.	Clerk, stenographer, and typewriter, at \$900.	17.50	
Welsh, Jesse.	Stenographer and typewriter, at \$900.	50.00	
Pennell, Mary C.	Stenographer and typewriter, at \$3 per diem.	51.84	
Kennedy, Mary Agnes.	Collaborator, at \$25 per month.	72.50	
Post, Israel P.	Janitor, at \$600.	138.33	
Total.		15,714.92	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Enforcement of food and drugs act, 1907, \$250,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Andrews Paper Co., R. P.	\$18.90	Boyle & Co. (Incorporated), John	\$4.00
Audit System	13.48	Brass & Kuhn.	2,112.00
Ballantyne & Sons, Wm.	10.40	Brentano's.	868.45
Library Bureau	165.00	Brunswick-Balke-Collender Co.	550.00
Lincoln, Fred S.	3.15	Bryan, W. J.	32.50
Morrison Paper Co., E.	1.90	Buffalo News	2.80
Parker, D. Frank	18.00	Capital Traction Co.	30.00
Swayze, W. L.	403.70	Chicago Herald Co.	8.40
United States Envelope Co.	83.74	Chronicle Publishing Co.	13.00
Wilkinson Bros. & Co.	12.04	Church & Stephenson.	100.03
Yawman & Erbe Manufacturing Co.	40.59	Copeland Co., M. G.	9.00
Total.	770.90	Cordley & Hayes	8.00
<i>Miscellaneous supplies, etc.</i>		Daniels, J. Morris.	538.30
Abell Co., A. S.	2.70	Detroit Free Press.	3.12
American Ice Co.	20.18	Detroit Journal Co.	3.13
American Mosaic Co.	21.00	Detroit Times Co.	1.40
Ballantyne & Sons, Wm.	1,163.18	Dimock & Fink Co.	16.12
Barber & Ross.	3.50	Dispatch Printing Co.	2.10
Becker & Co., Chas.	.43	Dulaney Co., Wm. J. C.	60.00
Belo & Co., A. H.	5.16	Dulin & Martin Co.	44.10
Bentley Co., Geo. Wm.	.24	Du Perow, M.	31.60
Boston Transcript.	2.60	Dyer, Wm. H.	25.70
		Edmonston, Chas. R.	5.65
		Ergood & Co., J. C.	3.34
		Evening News Association.	8.60

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Enforcement of the food and drugs act, 1907, \$250,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Furniture—Continued.</i>	
Frasse Co.....	\$6.40	Lansburgh Furniture and Carpet Co., J.....	\$27.25
Gerber, Albert D.....	185.50	Library Bureau.....	140.90
Giehner, Fred S.....	3.75	Lincoln, Fred S.....	27.25
Grand, J. L.....	9.00	Macey Co.....	23.61
Green, John S. P.....	23.35	Marcuse, S. H.....	1,697.00
Hale Co., F. A.....	2.00	Moses & Sons, W. B.....	218.48
Herbert & Son Co., C. J.....	60.00	Seigel, Cooper & Co.....	40.66
Herpick, Chris.....	3.20	Wanamaker, John.....	48.00
Holt, Geo. H.....	50.00	Williams Co., Geo. A.....	3,432.00
Hutchinson, Wm. Seely.....	56.50	Woodruff Manufacturing Co.....	121.75
Journal Co.....	7.00	Woodward & Lothrop.....	93.10
Journal of Commerce and Commercial Bulletin.....	7.20	Yawman & Erbe Manufacturing Co.....	282.01
Joyce Engraving Co., M.....	5.00		
Kellogg Switchboard and Supply Co.....	27.69	Total.....	6,568.50
Lamb & Tilden.....	3.50		
Lambie Co. (Incorporated), Jas.....	5.90	<i>Freight.</i>	
Monarch Typewriter Co.....	508.75	Littlefield, Alvord & Co.....	1.44
Montgomery, Ward & Co.....	368.73	Merchants and Miners Trans. Co.....	2.46
Morning News.....	6.80	Pennsylvania R. R. Co.....	3.02
Mueller Manufacturing Co., H.....	192.00		
Muth & Co., Geo. F.....	1.73	Total.....	6.92
National Electric Supply Co.....	233.10	<i>Telegraph.</i>	
National Motor Co.....	7.25	Postal Telegraph Cable Co.....	39.99
Neff, J. N.....	500.00	Western Union Telegraph Co.....	77.22
News Publishing Co.....	2.22		
Oliver Typewriter Co.....	71.09	Total.....	117.21
Orr & Lockett Hardware Co.....	18.00		
Perry & Co., J. P.....	625.24	<i>Rent.</i>	
Philadelphia Item.....	13.00	Ellerson, Jas. R.....	50.00
Pioneer Press Co.....	7.93	Holt, George H.....	300.00
Post Intelligence Co.....	4.30		
Powell, I. N.....	15.00	Total.....	350.00
Press Co.....	10.00	<i>Apparatus, instruments, and labora- tory material.</i>	
Publishers Weekly.....	1.20	American Distilling Co.....	42.78
Rapier, Thos. G.....	1.95	American Distributing Co.....	22.12
Redmond, Chas. D.....	120.45	Baker & Adamson Chemical Co.....	8.40
Reilly, Hugh.....	27.78	Bausch & Lomb Optical Co.....	1,655.05
Remington Typewriter Co.....	160.00	Becker, Christian.....	2,027.00
Ross & Bro. (Incorporated), W. A.....	.76	Blakiston's Sons Co., P.....	155.50
Rudolph & West Co.....	103.58	Boesch Lamp Co.....	18.00
San Francisco Call.....	11.12	Buffalo Dental Manufacturing Co.....	30.00
Schafer & Co., E. G.....	18.50	Columbia Photo Supply Co.....	23.50
Schmidt, O. H.....	208.00	Daigger & Co., Andrew.....	17.80
Shepard, James H.....	150.00	Diefzen, Eugene.....	34.00
Smith-Premier Typewriter Co.....	160.00	Dougherty, James T.....	365.35
Smith, Thorn.....	6.00	Eberbach & Son.....	4.00
Somerville Co., Thos.....	21.76	Eimer & Amend.....	105.55
Star Publishing Co.....	1.96	Feidt & Co., Geo. D.....	12.50
Strohmeier & Arpe Co.....	4.20	Gerry Co., Fredk. R.....	159.00
Sun Printing and Publishing Associ- ation.....	19.20	Gilman, Z. D.....	703.32
Sweeten-Crossan Electric Co.....	21.80	Greiner Co., Emil.....	419.16
Tacoma Ledger Co.....	2.22	Herpick, Chris.....	52.00
Times, Evening.....	10.20	Hill, Frank R.....	40.00
Topham, James S.....	35.50	Jager Co., Chas. J.....	344.66
Tribune Association.....	8.00	Justinian Caire Co.....	39.00
Tribune Co.....	26.60	Leitz, Ernest.....	33.70
Underwood Typewriter Co.....	330.00	Machlett & Son, E.....	36.00
Valley, P. W.....	79.50	Mackall Bros.....	781.54
Warner, L.....	12.00	Parke, Davis & Co.....	192.63
Washington Wood Working Co.....	13.75	Pennock, Edward.....	4.50
Whiteside & Walton.....	7.50	Philadelphia Thermometer Co.....	3.75
Woodward & Lothrop.....	58.39	Pullman, E. J.....	10.80
		Sargent & Co., E. H.....	4,975.37
Total.....	10,343.07	Sheetz, W. Silas.....	1,700.00
		Spencer Lens Co.....	171.75
<i>Furniture.</i>		Thomas Co., Arthur H.....	1,616.91
Derby Desk Co.....	13.25	Wagner Glass Works.....	3.44
Field & Co., Marshall.....	12.35		
Fuller Desk Co., Geo. H.....	77.95		
Gimble Bros. (Incorporated).....	9.30		
Hoeke, W. H.....	283.84		
Hoskins Co., Wm. H.....	10.80		

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Enforcement of the food and drugs act, 1907, \$250,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Washington Wholesale Drug Exchange.....	\$47.92	Kebler, Lyman F.....	\$193.98
Whitall, Tatum Co.....	133.04	Kitchen, Harry C.....	113.77
Total.....	15,990.04	La Wall, Chas. H.....	8.40
<i>Travel and station and field expenses.</i>		Lind, Herman.....	9.25
Adams, George H.....	54.93	Lynch, John L.....	121.83
Albrech, M. C.....	43.14	McCabe, Geo. P.....	90.04
Anderson, Wm. H.....	115.55	McIntyre, A. J.....	14.07
Barker, Howard W.....	75.77	Meserve, C. A.....	128.31
Bigelow, W. D.....	409.06	Miller, Walter C.....	91.22
Brinton, Clement S.....	3.71	Mitchell, A. S.....	115.71
Brown, A.....	146.03	Patrick, George E.....	7.01
Cameron, Walter S.....	64.47	Pappe, T. F.....	90.40
Campbell, Walter G.....	107.45	Ross, Samuel H.....	92.00
Chace, Ed MacKay.....	3.05	Smith, B. H.....	6.06
Doolittle, R. E.....	27.96	Stengel, Arthur.....	51.70
Dubois, W. L.....	3.70	Stiles, Geo. W., jr.....	70.20
Duff, James C.....	70.68	Sudler, Oden R.....	107.59
Earnshaw, John T.....	62.92	Sullivan, Arthur L.....	78.97
Frost, H. V.....	3.09	Wagner, H. H.....	118.77
Fulmer, Elton.....	128.00	Walsh, Daniel M.....	124.70
Garber, John H.....	355.93	Wharton, Wm. R. M.....	157.62
Hager, G. L.....	108.32	Weigand, N. M.....	114.06
Haley, J. C.....	143.51	Wiley, H. W.....	405.70
Hart, Benj. R.....	61.20	Wilson, C. P.....	64.72
Havenhill, L. D.....	94.55	Wilson, James.....	62.21
Hoover, Geo. W.....	103.05	Winslow, Barclay C.....	89.96
Howard, B. J.....	3.64	Winton, A. L.....	234.28
Judge, Arthur J.....	120.25	Willard, Frank L.....	147.54
		Woolsey, Arthur B.....	104.34
		Young, Robert.....	93.37
		Total.....	5,417.74

Total amount of appropriation.....	\$250,000.00
Total expenditures under above groups.....	64,211.65
Unexpended balance.....	185,788.35

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Bacon, A. S., & Sons.....	Laboratory equipment.....	\$1,327.00
Ballantyne, R. Carter.....	Books.....	1,163.18
Bausch & Lomb Optical Co.....	Electric centrifuges.....	1,296.00
Becker, Christian.....	Balances.....	1,017.50
Bradley, F. A.....	Plumbing.....	515.00
Braas & Kuhn.....	Laboratory equipment.....	2,112.00
Brentano's (Incorporated).....	Books.....	935.95
Brunswick-Balke Collender Company.....	Refrigerator.....	550.00
Buffalo Dental Manufacturing Co.....	Furnaces.....	544.50
Carlson, John M.....	Laboratory equipment.....	1,713.00
Cornwell & Chipman.....	Plumbing.....	298.50
Gilman, Z. D.....	Microscopes.....	3,038.80
Haberkorn, J. H. A.....	Laboratory equipment.....	1,615.00
Herbert, C. J., & Son Co.....	Plumbing.....	330.00
Sargent, E. H., & Co.....	Platinum ware.....	4,357.50
Sheetz, W. Silas.....	Kodaks and films.....	1,700.00
Simplex Electric Heating Company.....	Electric heaters.....	1,206.00
Stechert, G. E., & Co.....	Books.....	2,912.80
Steiger, E., & Co.....	do.....	678.98
Williams, Geo. A., Company.....	Laboratory equipment.....	973.00
Do.....	do.....	933.00
Do.....	do.....	1,125.00
Do.....	do.....	1,356.00
Do.....	do.....	2,940.00
Do.....	do.....	1,356.00
Total.....		35,994.71



## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Enforcement of the food and drugs act, 1907, \$250,000"—Continued.

## RECAPITULATION.

Statutory salaries.....	\$27, 103. 12
Lump-fund salaries:	
In Washington.....	85, 229. 93
Outside of Washington.....	36, 718. 12
Stationery.....	2, 626. 15
Miscellaneous supplies and services, equipment, books, machinery, etc.....	20, 525. 75
Furniture.....	8, 756. 93
Fuel.....	
Freight.....	122. 80
Express.....	981. 11
Telegraph.....	183. 63
Telephone.....	238. 64
Rent.....	3, 983. 33
Gas and electricity.....	968. 53
Apparatus, instruments, and laboratory material.....	32, 736. 39
Printing and binding.....	
Travel and station and field expenses.....	11, 045. 73
<b>Total for entire Bureau of Chemistry.....</b>	<b>231, 220. 16</b>
Total amount of appropriations.....	424, 180. 00
Total expenditures under above groups.....	231, 220. 16
Unexpended balance.....	192, 959. 84
Repayments to credit of appropriations.....	11. 00
Net unexpended balance on September 30, 1907.....	192, 970. 84
Outstanding liabilities (estimated).....	38, 866. 26
Balance to be turned back in Treasury (estimated).....	154, 104. 58

## PROJECTS.

The principal projects conducted by the Bureau of Chemistry during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

"Laboratory, Department of Agriculture, 1907."

Food inspection:	
Washington Laboratory.....	\$23, 158. 71
New York Laboratory.....	13, 464. 86
Boston Laboratory.....	2, 713. 96
San Francisco Laboratory.....	3, 061. 73
New Orleans Laboratory.....	2, 754. 56
Philadelphia Laboratory.....	2, 844. 32
Chicago Laboratory.....	2, 723. 94
Drug tests and investigations.....	9, 970. 14
Food standards.....	3, 169. 85
Cold-storage investigations (effects on foods).....	5, 194. 28
Micro-chemical investigations.....	3, 549. 54
Nitrogen tests and investigations.....	4, 144. 22
Miscellaneous tests and investigations.....	11, 692. 92
Leather and paper tests and investigations.....	5, 890. 44
Dairy tests and investigations.....	5, 691. 63
Plant analysis.....	3, 204. 14
Sugar tests and investigations.....	4, 976. 31
Contracts tests and investigations.....	7, 044. 51
Physiological tests and investigations.....	7, 032. 75
Cereal investigations.....	5, 145. 84
Bacteriological tests and investigations.....	3, 103. 44
Sweet-corn investigations.....	3, 195. 80
Cider and vinegar investigations.....	2, 371. 68
Office: Editorial, clerical, and administrative.....	30, 898. 94
<b>Total.....</b>	<b>166, 998. 51</b>

*Enforcement of the food and drugs act, 1907.*

## Food inspection:

Washington laboratory .....	\$3,327.33
New York laboratory.....	10,266.69
Boston laboratory.....	2,436.43
Philadelphia laboratory.....	2,372.30
Chicago laboratory.....	4,960.13
San Francisco laboratory.....	4,059.27
New Orleans laboratory.....	2,243.65
St. Paul laboratory.....	2,045.27
Kansas City laboratory.....	2,559.17
Galveston laboratory.....	2,622.21
Portland laboratory.....	848.74
Buffalo laboratory.....	1,779.65
Denver laboratory.....	502.77
Seattle laboratory.....	1,009.05
Detroit laboratory.....	738.50
Cincinnati laboratory.....	241.60
Savannah laboratory.....	1,662.56
Food and drug inspectors.....	7,867.33
Drug tests and investigations.....	2,102.09
Micro-chemical investigations.....	1,086.17
Bacteriological tests and investigations.....	2,343.92
Office: Clerical, editorial, and administrative.....	7,136.82
Total.....	64,211.65

## BUREAU OF SOILS.

*Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Soils, 1907, \$36,460."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Whitney, Milton.....	Chief of Bureau, at \$3,500.....	\$3,500.00	\$67.77
Rice, A. G.....	Chief clerk, at \$2,000.....	2,000.00	
Baumann, Geo. W.....	Clerk, class 4.....	1,800.00	
Seaton, Chas. H.....	do.....	1,800.00	
Drake, Chas. A.....	Clerk, class 3.....	1,600.00	37.32
Barnes, J. H.....	Clerk, class 2.....	1,400.00	
Newton, V. B.....	do.....	1,400.00	
Wolfe, C. A.....	do.....	1,400.00	
Clevenger, O. B.....	Clerk, class 1.....	900.00	
McGinty, G. B.....	do.....	300.00	
Connolly, A. L.....	do.....	1,166.67	
Hale, G. C.....	do.....	403.33	
Hodge, Frederick E.....	do.....	190.00	
McKericher, J. W.....	do.....	490.00	
King, G. B.....	do.....	1,200.00	
Stewart, Janette.....	do.....	1,200.00	
Weir, T. B.....	do.....	1,200.00	
Weiser, L.....	Draftsman, at \$1,200.....	1,200.00	
Briscoe, A. J.....	Draftsman, at \$1,000.....	1,000.00	
Clevenger, O. B.....	Clerk, at \$1,000.....	250.00	
Cummings, Robt. E.....	do.....	708.34	
Fredenburg, H. S.....	do.....	116.67	
McKericher, J. W.....	do.....	505.56	
Patterson, M. W.....	do.....	277.78	
Richardson, W. T.....	do.....	83.33	
Haynie, F.....	do.....	600.00	
Pearce, E. W.....	do.....	347.23	
Fredenburg, H. S.....	Clerk, at \$840.....	476.00	
Hodge, Frederick E.....	do.....	343.00	
Howe, Sarah W.....	Clerk, at \$720.....	720.00	
Haygood, Serena.....	Clerk, at \$600.....	600.00	
Blair, S. C.....	Carpenter, at \$840.....	518.00	
Byrnes, L. A.....	do.....	32.67	
Londvoight, Chas.....	do.....	193.67	
Bonde, R. J.....	Assistant photographer, at \$840.....	840.00	8.35
Bryan, Harry.....	Mechanician, at \$1,000.....	486.34	

## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Soils, 1907, \$36,460"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Press, A.	Mechanician, at \$1,000.	\$386.11	
Newman, G. R. J.	Fireman, at \$840.	674.33	
Weidman, Chas. S.	do.	158.67	
Bresnahan, M.	Watchman, at \$720.	720.00	
Johnson, Wm. H.	do.	180.00	
Moore, E. U.	do.	540.00	
Carpenter, J. de L.	do.	196.00	
Field, J. E.	Messenger, at \$720.	60.00	
Hall, Clifford Lee.	do.	314.00	
Talbot, W. N.	do.	60.00	
King, Chas. W.	Laborer, at \$480.	424.00	
Smith, Nannie P.	do.	40.00	
Brown, M. L.	Charwoman, at \$480.	480.00	
Blackman, C. H.	Messenger, at \$360.	42.00	
Mahan, T. F.	do.	314.00	
Total amount of appropriation.			\$36,460.00
Total amount paid for salaries.			35,834.70
Unexpended balance.			625.30

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Soil investigations, 1907, \$185,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bonsteel, J. A.	Scientist, at \$3,000.	\$3,000.00	\$733.70
Cameron, F. K.	do.	3,000.00	141.68
Schreiner, Oswald.	Scientist, at \$2,750.	2,750.00	70.90
Gardner, Frank D.	Scientist, at \$2,500.	2,500.00	266.62
Failyer, G. H.	Scientist, at \$2,000.	2,000.00	
Coffey, Geo. N.	Scientist, at \$1,800.	1,800.00	745.24
Jensen, Chas. A.	Scientist, at \$1,600.	1,200.00	
McNess, Geo. T.	Tobacco expert, at \$3,000.	3,000.00	812.80
Shorey, Edmund C.	Scientific assistant, at \$2,000.	1,133.33	191.45
Buckingham, E.	Scientific assistant, at \$1,600.	195.55	
Breezeale, J. F.	do.	1,200.00	
Lapham, J. E.	Scientific assistant, at \$1,600 and \$1,800.	1,700.00	
Belz, J. O.	Scientific assistant, at \$1,400.	58.33	
Nelson, J. W.	do.	1,400.00	344.69
Smith, J. G.	do.	1,400.00	
Stevens, F. D.	do.	1,400.00	
Gallagher, F. E.	Scientific assistant, at \$1,200 and \$1,400.	1,005.56	
McClintock, J. E.	Scientific assistant, at \$1,200.	1,200.00	39.35
Maynadier, G. B.	do.	1,200.00	
Pearece, Julia R.	do.	13.33	
Sampson, H. O.	do.	346.67	267.51
Sanchez, A. M.	do.	913.33	
Taber, W. C.	do.	1,173.33	
Umberger, H. J. C.	do.	400.00	
Winckelman, H.	do.	1,200.00	
Gilbert, John C.	Scientific assistant, at \$1,000.	325.00	
Jackson, A. M.	do.	1,000.00	
McLane, J. W.	do.	166.66	
Robinson, Wm. O.	Scientific assistant, at \$1,000 and \$1,400.	1,032.78	15.75
Wade, H. R.	Scientific assistant, at \$1,000.	369.45	
Sullivan, M. X.	Soil expert, at \$1,800.	515.00	
Reed, H. S.	Soil expert, at \$1,600 and \$1,800.	1,700.00	12.50
Bell, James M.	Soil expert, at \$1,400 and \$2,000.	1,700.00	33.00



## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Soil investigations, 1907, \$185,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Cont'd.</i>			
Patten, H. E.	Soil expert, at \$1,400 and \$1,600.	\$1,500.00	\$6.00
Beattie, J. H.	Assistant, at \$720, and scientific assistant, at \$1,000.	620.00	18.13
Waggaman, W. H.	Assistant, at \$720 and \$1,000.	836.67	
Crabb, Geo. A.	Assistant, at \$720.	178.00	
Fletcher, C. C.	do.	720.00	
Hill, D. H.	do.	330.00	
Latimer, W. J.	do.	342.00	
Turner, M. L.	do.	314.00	
Cratty, J. A.	Plumber, at \$4 per diem.	184.00	
Byrnes, L. A.	Carpenter, at \$840.	7.00	
Williams, E. A.	Laborer, at \$600.	600.00	
Gray, L. L.	Laborer, at \$45 per month.	22.50	
Hueter, Chas. J.	Laborer, at \$1.50 per diem.	13.50	
Marcey, F. L.	do.	150.00	
Thomas, W. T.	Laborer, at \$300.	300.00	
Dahler, Wm. C.	Unskilled laborer, at \$1.50 per diem.	13.50	
Adams, Rosie.	Unskilled laborer, at \$1 per diem.	8.00	
Tilley, Grayce.	do.	8.00	
Total.		48,145.49	
<i>Out of Washington.</i>			
McGee, W. J.	Scientist, at \$3,000.	816.67	412.85
Dorsey, C. W.	Scientist, at \$2,500.	2,500.00	841.26
Hinson, W. M.	Tobacco expert, at \$2,500.	2,499.99	932.68
Massey, Geo. B.	Tobacco expert, at \$2,000.	2,000.00	305.72
Mathewson, E. H.	Tobacco expert, at \$1,800 and \$2,000.	1,900.00	120.84
Stewart, J. B.	Tobacco expert, at \$1,800.	850.00	
Ayer, L. W.	Tobacco expert, at \$1,600.	1,600.00	714.19
Green, W. W.	Tobacco expert, at \$1,400.	1,400.00	201.78
Harris, Geo. W.	do.	1,400.00	15.19
Schrader, Wm. B.	do.	1,400.00	
Weinberg, Henry	do.	583.33	4.50
Olson, Otto.	Tobacco expert, at \$1,200.	1,200.00	
Rowe, Robert W.	do.	533.33	341.09
Epley, R. S.	Tobacco expert, at \$1,000.	1,000.00	
Rich, Harry.	Tobacco expert, at \$1,000 and \$1,200.	850.00	
Lapham, Macy H.	Scientific assistant, at \$1,800.	1,800.00	2,331.66
Bennett, Frank.	Scientific assistant, at \$1,600.	1,600.00	1,688.88
Brown, B. E.	do.	1,600.00	22.07
Caine, Thomas A.	do.	1,600.00	998.65
Fippin, E. O.	do.	400.00	331.17
Hearn, W. E.	do.	1,600.00	900.16
Mackie, W. W.	do.	1,600.00	601.99
Rice, Thomas D.	do.	1,600.00	1,492.68
Smith, W. G.	Scientific assistant, at \$1,600, and scientist, at \$2,000.	1,800.00	1,181.05
Sweet, A. T.	Scientific assistant, at \$1,600.	1,600.00	35.10
Wildner, Henry J.	do.	1,600.00	597.46
Bennett, M. H.	Scientific assistant, at \$1,400.	1,400.00	1,415.05
Britton, J. C.	do.	1,400.00	1,077.76
Burgess, J. L.	do.	1,400.00	845.80
Carr, M. Earl.	do.	1,400.00	641.51
Carter, W. T., jr.	do.	1,400.00	1,038.65
Holmes, S. Carl.	do.	1,400.00	282.25
McLendon, W. E.	do.	1,400.00	1,242.44
Mangum, A. W.	do.	1,400.00	1,563.16
Mooney, C. N.	do.	1,400.00	1,486.04
Pember, F. R.	do.	501.66	
Reid, F. R.	do.	1,400.00	382.02
Snyder, A. H.	do.	116.66	
Strahorn, A. T.	do.	1,400.00	463.89
Warner, J. F.	Scientific assistant, at \$1,400.	1,400.00	106.45
Cook, C. L.	Scientific assistant, at \$1,200.	680.00	10.17
Drake, J. A.	do.	186.67	
Eckman, O. L.	do.	1,010.00	60.15
Ely, Chas. W.	do.	600.00	632.03
Geib, W. J.	do.	1,200.00	930.54
Hurst, Lewis, A.	do.	1,200.00	57.50

## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Soil investigations, 1907, \$185,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Jones, G. B.	Scientific assistant, at \$1,200 and \$1,400	\$1,300.00	\$2,105.93
Kocher, A. E.	Scientific assistant, at \$1,200	1,200.00	1,091.69
Kolbe, L. A.	do	1,200.00	-----
Mann, C. J.	do	1,200.00	638.38
Meeker, F. N.	do	786.67	941.87
Schroeder, F. C.	do	1,200.00	85.57
Shaw, Chas. F.	do	900.00	346.23
Skinner, J. J.	do	1,200.00	19.68
Smith, H. C.	do	1,200.00	324.85
Tharp, W. E.	do	1,200.00	325.94
Winston, R. A.	do	1,200.00	1,330.36
Worthen, E. L.	do	1,200.00	1,177.24
Allen, Edward R.	Scientific assistant, at \$1,000	577.78	295.32
Ayers, O. L.	Scientific assistant, at \$1,000 and \$1,200	1,100.00	795.62
Belden, H. L.	Scientific assistant, at \$1,000	999.99	88.06
Jennings, H.	do	741.68	51.50
Lee, Ora, jr.	do	1,000.00	88.80
Lyman, W. S.	Scientific assistant, at \$1,000 and \$1,200	1,100.00	889.41
Mann, Charles W.	Scientific assistant, at \$1,000	1,000.00	29.41
Talby, Geo. W., jr.	do	1,000.00	53.73
Westover, H. L.	do	1,000.00	48.22
Lee, L. L.	Traverseman, at \$75 per month	435.00	-----
Duck, J. A.	Traverseman, at \$60 per month	150.00	-----
Smith, Olin	do	64.00	-----
Hall, J. Weston, jr.	Traverseman, at \$55 per month	3.67	-----
Lovewell, C. W.	do	196.17	-----
Yeaw, Fred L.	Special agent, at \$840	70.00	-----
Boss, Rudolph	Agent and expert, at \$720	180.00	9.60
Total		83,033.27	-----

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Soil investigations, 1907, \$185,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Ballantyne, R. Carter	\$85.25	Bolgiavo & Co., F. W.	\$3.00
Baumgartner & Sons, J.	9.00	Cabot, Godfrey L.	11.50
Contingent expenses, Department of Agriculture	476.15	Cady, M. S.	5.20
Cornell Cooperative Society	5.20	Capital Traction Co.	24.00
District of Columbia Paper Manufacturing Co.	15.12	Carl, Frederick	1.75
Library Bureau	16.00	Catlin Co., Elmer H.	30.75
Lincoln, Fred S.	13.16	Church & Stephenson	219.12
Lindemeyr, Philip	14.40	Copeland Co., M. G.	2.50
Morrison Paper Co., E.	128.55	Cotton, James S.	12.30
Parker, D. Frank	2.25	Cullen & Atkinson Co.	45.00
Schmidt, Fred A.	199.32	Duer & Sons, John	4.78
Swayze, Bailey & Co.	22.20	Dulin & Martin Co.	2.47
Swayze, W. L.	64.20	Du Perow, M.	11.43
Union Envelope Co.	6.75	Eline & Co., J. F.	7.50
United States Envelope Co.	39.90	Elliot & Co., James	10.97
Total	1,017.45	Ennis & Son, Geo. T.	4.95
<i>Miscellaneous supplies, etc.</i>		Ergood & Co., J. C.	24.42
Babcock, Homer C.	100.00	Erkey, John B.	1.05
Barber & Ross	14.58	Estler & Son, T. W.	3.82
Beavers, John M.	6.00	General Electric Co.	10.75
Becker & Co., Chas.	26.85	Gervais, Gilbert	30.00
Bernasco, Joseph	1.50	Giddings, Burt	240.55
		Green Telephone & Electric Manufacturing Co.	23.22
		Guy, Curran & Co.	1.00
		Harrington & King Per. Co.	1.05
		Hartford Tobacco Assn.	33.27

## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Soil investigations, 1907, \$185,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Freight—Continued.</i>	
Hartig, Louis.....	\$4.13	Roosa, I. P.....	\$4.00
Havens Photo Studio.....	2.00	Southern Ry. Co.....	4.80
Hazelton, E. P.....	40.00	Total.....	121.83
Hickerson, H. C.....	30.00	<i>Express.</i>	
Hutterly, A. O.....	8.00	Adams Express Co.....	148.50
Hydraulic Press Brick Co.....	18.00	United States Express Co.....	61.14
Joyce Engraving Co., M.....	1.50	Total.....	209.64
Kann Sons & Co., S.....	13.14	<i>Telegraph.</i>	
Kessler & Bro., C. S.....	2.25	Postal Telegraph Cable Co.....	7.83
Knessi, G. A.....	6.65	Western Union Telegraph Co.....	69.74
Larcoix & Blount.....	21.00	Total.....	77.57
Lamb & Tilden.....	.70	<i>Telephone.</i>	
Lambie Co. (Incorporated), Jas. B.....	169.54	The Chesapeake and Potomac Tele- phone Co.....	22.40
Lansburgh & Bro.....	43.47	<i>Rent.</i>	
Lauridson, N. H.....	2.50	Phillips, S. L.....	2,599.98
Lindsay Rubber Manufacturing Co., M.....	1.50	Royal National Bank.....	120.00
Miller, V. D.....	8.50	Shea, John F.....	1,320.00
Mineralized Rubber Co.....	2.25	Total.....	4,039.98
Munson Supply Co.....	3.50	<i>Gas and electricity.</i>	
Muth & Co., Geo. T.....	154.84	Potomac Electric Power Co.....	417.08
Mutual District Mess. Co.....	10.00	Washington Gaslight Co.....	275.50
National Electric Supply Co.....	8.54	Total.....	692.58
Nawrath, J. P.....	3.10	<i>Apparatus, instruments, and labora- tory material.</i>	
New York Cycle Co.....	25.00	American Distributing Co.....	47.22
Otterdinger, Henry T.....	126.00	Anthony & Scovill Co.....	6.40
Pike Adding Machine Co.....	280.00	Bausch & Lomb Opt. Co.....	323.97
Potomac Electric Power Co.....	10.00	Bell Odometer Works.....	60.00
Price Machine Co.....	.75	Bishop & Co., J.....	33.04
Rau, John C.....	17.95	Bolgian & Co., F. W.....	13.90
Reilly, Hugh.....	17.27	Burch & Kleps.....	12.00
Remington Typewriter Co.....	196.75	Christian Bros. Co.....	2.00
Rudolph & West Co.....	12.49	Corbett, Geo. E.....	41.75
Rutzler Co., E.....	44.30	Davis Co., I. H.....	30.00
Schafer & Co., E. G.....	2.10	Eastman Kodak Co.....	72.02
Schneider's Sons, C.....	5.00	Eimer & Amend.....	145.69
Shilling, Geo.....	5.25	Evans, Henry.....	23.40
Thompson, C. W.....	49.24	Friez, Julian J.....	4.60
Topham, Jas. S.....	3.00	Gilman, Z. D.....	123.49
Underwood Typewriter Co.....	8.10	Griemer Co., Emil.....	15.80
Van Everen, P. F.....	5.00	Gurley, W. & L. E.....	332.06
Van Fleet, C. W.....	3.91	Leese, M. A.....	59.65
Ward-Leonard Electric Co.....	16.50	Mackall Bros.....	302.70
Washington Disinfecting Co.....	13.80	Merck & Co.....	73.04
Washington Railway & Electric Co.....	12.00	Moore, A. L.....	22.90
Western Electric Co.....	19.23	Parke Davis & Co.....	1.75
Woodward & Lothrop.....	101.28	Price Machine Co.....	3.50
Woodford & Co., Wm. G.....	19.27	Pullman, E. J.....	46.45
Wolf & Co., C. M.....	14.15	Rau, John C.....	2.51
Youngs Co., Elphonzio.....	.45	Rochester Optical Co.....	3.76
Total.....	2,479.08	Sargent & Co., E. H.....	15.00
<i>Furniture.</i>		Shilling, Geo.....	4.00
Hoeke, W. H.....	52.69	Taylor Bros. Co.....	18.85
Lansburgh Furniture and Carpet Co., J.....	78.00	Thomas Co., Arthur H.....	29.51
Moses & Sons, W. B.....	82.25	Torsion Balance Co.....	17.50
Woodward & Lothrop.....	44.50	Warner, L.....	36.00
Total.....	257.44	<i>Freight.</i>	
<i>Freight.</i>		Baltimore and Ohio R. R.....	35.68
Baltimore and Ohio R. R.....	35.68	Biglin, Bernard.....	.32
Chesapeake and Ohio Ry. Co.....	1.37	Knox Express Co., Geo. W.....	.78
Knox Express Co., Geo. W.....	.78	Littlefield, Alvord & Co.....	22.30
Littlefield, Alvord & Co.....	22.30	Morse, O. L.....	1.30
Morse, O. L.....	1.30	Norfolk and Washington, D. C., Steamboat Co.....	5.33
Norfolk and Washington, D. C., Steamboat Co.....	5.33	Pennsylvania R. R. Co.....	45.95
Pennsylvania R. R. Co.....	45.95		



## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriations  
 "Soil investigations, 1907, \$185,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Whitall, Tatium Co. ....	\$111.87	Lee, Ora, jr. ....	\$88.80
Yarnold, Edwin. ....	.20	Lyman, W. S. ....	889.41
Total. ....	2,036.53	McClintock, J. E. ....	39.35
<i>Travel and station and field expenses.</i>		McGee, W. J. ....	412.85
Allen, E. R. ....	295.32	McLendon, W. E. ....	1,242.44
Ayer, L. W. ....	714.19	McNess, G. T. ....	812.80
Ayer, O. L. ....	795.62	Mackie, W. W. ....	601.99
Beldon, H. L. ....	88.06	Mangum, A. W. ....	1,563.16
Bell, James M. ....	33.00	Mann, C. J. ....	638.38
Bennett, Frank. ....	1,688.88	Mann, Chas. W. ....	29.41
Bennett, H. H. ....	1,415.05	Massey, Geo. B. ....	305.72
Bonsteel, J. A. ....	733.70	Mathewson, E. H. ....	120.84
Boss, Rudolph. ....	9.60	Meeker, F. N. ....	941.87
Britton, J. C. ....	1,078.74	Mooney, C. N. ....	1,486.04
Brown, B. E. ....	22.07	Nelson, J. W. ....	344.69
Burgess, J. L. ....	845.80	Patten, H. E. ....	6.00
Caine, Thomas A. ....	998.65	Reed, H. S. ....	12.50
Cameron, Frank K. ....	141.68	Reid, F. R. ....	382.02
Carr, M. E. ....	641.51	Rice, Thomas S. ....	1,492.68
Carter, W. T., jr. ....	1,058.65	Robinson, W. O. ....	15.75
Coffey, Geo. N. ....	745.24	Rowe, R. W. ....	341.99
Cook, C. L. ....	10.17	Sampson, H. O. ....	182.42
Dorsey, C. W. ....	841.26	Schreiner, Oswald. ....	70.90
Drake, Chas. A. ....	37.32	Schroeder, Frank C. ....	85.57
Eckman, O. L. ....	60.15	Shaw, Chas. F. ....	346.23
Ely, Charles W. ....	636.03	Shorey, E. C. ....	191.45
Tippin, E. O. ....	331.17	Skinner, J. J. ....	19.68
Gardner, F. D. ....	266.62	Smith, Howard C. ....	324.85
Geib, W. J. ....	930.54	Smith, W. G. ....	1,177.80
Green, W. W. ....	201.78	Stewart, J. B. ....	532.36
Harris, Geo. W. ....	15.19	Strahorn, A. T. ....	463.89
Hearn, W. E. ....	900.16	Sweet, A. T. ....	35.10
Hinson, W. M. ....	932.68	Talby, G. W., jr. ....	53.73
Holmes, L. Carl. ....	282.25	Tharp, W. E. ....	325.94
Hurst, L. A. ....	57.50	Warner, J. F. ....	106.45
Jennings, Henry. ....	51.50	Weinberg, H. ....	4.50
Jones, G. B. ....	2,105.93	Westover, H. L. ....	48.22
Kocher, A. E. ....	1,091.69	Whitney, Milton. ....	67.77
Lapham, M. H. ....	2,331.66	Wilder, H. J. ....	597.46
Latimer, W. J. ....	12.50	Winston, R. A. ....	1,330.36
		Worthen, E. L. ....	1,177.24
		Total. ....	41,311.00

Total amount of appropriation, including \$4,000 for rent. ....	\$185,000.06
Total expenditures under above groups. ....	183,444.20
Unexpended balance. ....	1,555.74

## RECAPITULATION.

Statutory salaries. ....	\$35,834.70
Lump fund salaries:	
In Washington. ....	48,145.49
Outside of Washington. ....	83,033.27
Stationery. ....	1,017.45
Miscellaneous supplies and services, equipment, books, machinery, etc. ....	2,479.08
Furniture. ....	257.44
Fuel. ....	
Freight. ....	121.83
Express. ....	209.64
Telegraph. ....	77.57
Telephone. ....	22.40
Rent. ....	4,039.98
Gas and electricity. ....	692.58
Apparatus, instruments, and laboratory material. ....	2,036.53
Printing and binding. ....	
Travel and station and field expenses. ....	41,311.00
Total for entire Bureau of Soils. ....	219,278.96
Total amount of appropriations. ....	221,460.00
Total expenditures under above groups. ....	219,278.96
Unexpended balance September 30, 1907. ....	2,181.04
Outstanding liabilities (estimated). ....	226.40
Balance to be turned back in Treasury (estimated). ....	1,954.64

## PROJECTS.

The principal projects conducted by the Bureau of Soils during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Appropriation for the Bureau of Soils.....	\$221,460.00
Unexpended.....	2,181.04

Total of all allotments expended.....	219,310.20
Expended as follows:	

## ADMINISTRATION.

Allotment.....		43,458.34
Expended as follows:		
Administration proper.....	\$8,605.09	
Records and correspondence.....	7,036.24	
Field records and map section.....	7,598.34	
Editorial section.....	4,400.00	
Accounts.....	1,400.00	
Property records.....	1,083.33	
Messengers, laborers, charwomen, firemen, watchmen, etc..	5,287.00	
Contingent expenses (including rent, telephone, telegraph, freight, express, electricity, gas, furniture, lumber, and repairs).....	6,352.05	
Miscellaneous supplies (including stationery, typewriters, supplies, janitors' supplies, etc.).....	1,696.29	
		43,458.34

## SOIL SURVEY.

Allotment.....		89,038.02
Expended as follows:		
Administration expenses.....	\$5,083.34	
Inspection and correlation.....	2,611.61	
Reconnaissance surveys:		
Appalachian fruit soil.....	380.87	
Abandoned farms, New York and New England.....	374.23	
— Cotton soils, Alabama.....	49.37	
Piedmont Plateau.....	262.47	
Special surveys experiment-station farms.....	3,509.57	
County and areal surveys:		
Bastrop County, Tex.....	2,331.25	
Belle Fourche area, S. Dak.....	552.84	
Blue Earth County, Minn.....	1,052.82	
Brownsville area, Tex.....	1,316.62	
Butler County, Ala.....	1,996.26	
Cass County, Mich.....	339.34	
Center County, Pa.....	687.28	
Chesterfield area, Va.....	1,953.96	
Colusa area, Cal.....	6,892.78	
Conway County, Ark.....	1,388.62	
Cooper area, Tex.....	2,261.75	
Crockston area, Minn.....	1,133.21	
Dutchess County, N. Y.....	224.92	
Easton area, Md.....	143.09	
Edgecombe County, N. C.....	620.13	
Fayetteville area, Ark.....	1,188.52	
Giles County, Tenn.....	60.91	
Grainger County, Tenn.....	669.60	
Greene County, Ind.....	649.40	
Henderson County, N. C.....	155.63	
Jasper County, Miss.....	2,162.10	
Jefferson County, Fla.....	2,667.79	
Johnstown area, Pa.....	319.89	
Lancaster County, Nebr.....	1,129.75	
Laredo area, Tex.....	889.04	
McKenzie area, N. Dak.....	159.77	
Madison County, N. Y.....	1,167.31	

## BUREAU OF SOILS—Continued.

## SOIL SURVEY—continued.

## County and areal surveys—Continued.

Madison County, Tenn.....	\$287. 81
Marion County, Ala.....	2, 243. 53
Marion County, Ind.....	223. 13
Meigs County, Ohio.....	1, 396. 50
Merrimack County, N. H.....	1, 528. 73
Middlebourne area, W. Va.....	405. 02
Montgomery County, Va.....	309. 89
Morton area, N. Dak.....	296. 47
Niagara County, N. Y.....	2, 085. 32
North Platte area, Nebr.....	398. 47
Oconee County, S. C.....	106. 71
Oktibbeha County, Miss.....	2, 288. 18
Prairie County, Ark.....	172. 92
Prentiss County, Miss.....	1, 444. 96
Putnam County, Mo.....	1, 000. 88
Racine County, Wis.....	483. 54
Ransom County, N. Dak.....	661. 31
Riley County, Kans.....	1, 350. 78
Robertson County, Tex.....	2, 014. 65
Robeson County, N. C.....	200. 07
Sunter and Lee counties, S. C.....	2, 845. 67
Talladega County, Ala.....	1, 939. 97
Transylvania County, N. C.....	881. 60
Whatcom area, Wash.....	236. 27
Wheeling area, W. Va.....	354. 58
Wilson County, Tex.....	1, 661. 48
Williston area, N. Dak.....	764. 27
Winn Parish, La.....	2, 261. 83
Preparation of field reports.....	7, 636. 80
Traveling expenses between areas.....	3, 652. 36
Field supplies.....	1, 519. 08
	<hr/>
	\$89, 038. 02

## SOIL MANAGEMENT INVESTIGATIONS.

Allotment.....	22, 186. 20
Expended as follows:	
Administration and inspection of field work.....	2, 723. 32
Fertilizer requirements of soils.....	6, 433. 34
Plot experiments with fertilizers.....	1, 487. 30
Location of school farms with reference to soil types and preparation of plans for soil utilization.....	2, 980. 87
Investigation of fertilizers and crop rotations as a means of soil improvement.....	1, 200. 00
Investigation of the ratio of fertilizer constituents and the effect of different degrees of moisture and temperature on the efficiency of fertilizers.....	3, 380. 00
Investigation and demonstration of efficient methods of soil management.....	3, 721. 84
General supplies for field and laboratory work.....	259. 53
	<hr/>
	22, 186. 20

## RECLAMATION OF ALKALI LANDS.

Allotment.....	8, 186. 71
Expended as follows:	
Administration and inspection.....	3, 037. 37
Demonstration of the proper methods of reclaiming alkali lands, stations at:	
Billings, Mont.....	312. 49
Fresno, Cal.....	1, 961. 09
North Yakima, Wash.....	886. 65
Salt Lake City, Utah.....	189. 60
Tempe, Ariz.....	1, 397. 99
Traveling expenses between stations.....	355. 20
General supplies.....	46. 32
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	8, 186. 71



## BUREAU OF SOILS—Continued.

## TOBACCO INVESTIGATIONS.

Allotment.....		\$24, 971. 85
Expended as follows:		
Administration and inspection.....	\$3, 830. 48	
Investigation and demonstration at the following stations:		
Appomattox, Va.....	2, 074. 89	
Baldwinsville, N. Y.....	1, 590. 95	
Chatham, Va.....	1, 601. 79	
Germantown, Ohio.....	2, 305. 72	
Marion, Ala.....	4, 714. 19	
Palestine, Tex.....	6, 448. 16	
Tallahassee, Fla.....	712. 03	
Tarrifville, Conn.....	1, 394. 80	
Traveling expenses between stations.....	298. 84	
	<hr/>	24, 971. 85

## SOIL FERTILITY INVESTIGATIONS.

Allotment.....		12, 231. 46
Expended as follows:		
Investigation of the maintenance of soil fertility.....	3, 600. 00	
Investigation of the causes of unproductive soils.....	2, 333. 33	
Investigation of the organic origin of unproductivity in soils, and the effect of green manuring.....	1, 515. 00	
Investigation of means for improvement of unproductive soils.....	2, 375. 00	
Investigation of the effects of fertilizers on soils.....	608. 89	
Field investigation of soil fertility problems in cooperation with experiment stations.....	1, 292. 77	
Traveling expenses between field assignments.....	245. 40	
General field and laboratory supplies.....	261. 07	
	<hr/>	12, 231. 46

## LABORATORY INVESTIGATIONS.

Allotment.....		17, 970. 56
Expended as follows:		
Physical soil investigations, including.....	4, 259. 44	
(a) Conservation of soil moisture.		
(b) Relation of soil moisture to physical condition of soil.		
(c) Flocculation, sedimentation, and erosion of soils.		
(d) Absorption of vapors and gases by soils.		
(e) Retention and conservation of fertilizer ingredients by soils.		
(f) Leaching of soils.		
Chemical investigations, including.....	4, 355. 45	
(a) Phosphates of soils and fertilizers.		
(b) Nitrogen-carrying fertilizers.		
(c) Chemical and mineralogical composition of soil separates.		
(d) Solubility of soil minerals.		
(e) Iron compound of the soil.		
(f) Rectification of mine waters for irrigation.		
(g) Investigation of routine methods of analysis.		
(h) Field demonstrations.		
Chemical and physical investigations of alkali soils.....	3, 474. 45	
Mechanical analyses of soil types.....	3, 242. 33	
Unclassified analytical work.....	1, 769. 44	
Designing and repairing apparatus for field and laboratory studies.....	869. 45	
	<hr/>	17, 970. 56

## SOIL EROSION.

Allotment.....		1, 235. 02
Expended as follows:		
Reconnaissance study of the effect of erosion on agricul- tural lands.....		1, 235. 02

## BUREAU OF ENTOMOLOGY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Entomology, 1907, \$19,610."

## . STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Howard, L. O.	Chief of Bureau, at \$3,250.	\$3,250.00	\$967.15
Clifton, R. S.	Chief clerk, at \$1,800.	1,800.00	87.02
Althouse, R. C.	Clerk class 2.	1,400.00	
Champney, Mary G.	do.	1,400.00	
Tastet, W. F.	do.	1,400.00	
Howenstein, L. L.	Artist, at \$1,400.	1,400.00	
Wood, Elmer C.	Clerk class 1.	1,200.00	
Colcord, Mabel.	do.	1,200.00	24.22
Keleher, T. A.	Clerk at \$1,000.	1,000.00	
Marks Jessie E.	do.	1,000.00	
Sasser, E. R.	do.	1,000.00	
Strauss, John F.	do.	833.34	
Condit, Ira J.	do.	1,000.00	38.70
Canatsey, Wm. S.	Messenger, at \$840.	840.00	
Menagh, Charles S.	Messenger, at \$720.	720.00	
Total amount of appropriation			\$19,610.00
Total amount paid for salaries			19,443.34
Unexpended balance			166.66

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Entomological investigations, 1907, \$70,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Marlatt, C. L.	Entomologist, at \$2,750.	\$2,750.00	\$7.78
Chittenden, F. H.	Assistant, at \$2,650.	2,318.75	7.78
Banks, Nathan.	Assistant, at \$1,800.	1,800.00	32.95
Coquillot, D. W.	do.	1,800.00	
Porgando, Theo.	Assistant, at \$1,600.	1,600.00	
Busck, August.	Assistant, at \$1,400.	1,400.00	
Gillis, C. J.	do.	1,400.00	
Heidemann, Otto.	do.	1,400.00	2.00
Currie, Rolla P.	Assistant, at \$1,200 and \$1,400.	1,383.34	
Quaintance, A. L.	Special agent, at \$2,500.	2,500.00	381.05
Webster, F. M.	do.	2,500.00	281.13
Fiske, W. F.	Special agent, at \$1,400.	1,283.33	511.40
Sanders, J. G.	do.	1,400.00	7.55
Foster, S. W.	Special agent, at \$1,000.	211.10	106.75
Popenoe, C. H.	do.	38.89	
Strauss, J. F.	do.	166.66	
Fox, Franklin G.	Special agent, at \$900.	207.50	4.40
Hayhurst, Paul.	do.	75.01	
Beattie, James H.	Special agent, at \$720.	240.00	
Martin, Leslie.	do.	120.00	5.60
Wurster, A. E.	Special agent, at \$60 per month.	60.00	
White, G. F.	Expert, at \$150 per month.	450.00	
Smith, Herbert H.	Expert, at \$1,500.	250.00	
Coudon, F. D.	Expert, at \$1,000.	1,000.00	61.52
Snodgrass, R. E.	Expert, at \$600 and \$1,200.	693.33	
Phillips, E. F.	Expert apiculturist, at \$1,600, and expert, at \$2,250.	1,702.91	586.67
Bain, James W.	Expert apiculturist, at \$60 per month.	60.00	2.20
O'Leary, E. B.	Clerk, at \$1,200.	86.67	
Knab, Frederick.	Entomological draftsman, at \$1,000.	83.33	7.78
Dyar, C. B.	Expert preparator, at \$720.	360.00	
Townsend, C. H. T.	Expert preparator, at \$50 per month.	211.67	107.05
Griffin, C. H.	Expert preparator. at \$40 per month.	377.33	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Entomological investigations, 1907, \$70,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Havenstein, P. W.	Expert preparator, at \$40 per month	\$93.33	
Yerby, E. Dudley	do.	100.00	
Van Horn, R. W.	Expert preparator, at \$25 per month	150.00	
Marshall, M.	Stenographer and typewriter, at \$70 per month	252.00	
Rozzole, Keith K.	Assistant messenger, at \$720	300.00	
Keleher, W. A.	Silk culturist, at \$840	840.00	
Rey, Marie	Silk culturist, at \$600	300.00	
Clayton, Mabel F.	Silk reeler, at \$480	240.00	
King, Bessie	do.	240.00	
Klopfier, Nettie S.	do.	240.00	
Locke, Jennie	do.	240.00	
Ritchie, E.	do.	240.00	
Cratty, James A.	Plumber, at \$4 per diem	48.00	
Davis, F. C.	Painter, at \$3.50 per diem	616.00	
Smith, Andrew J.	do.	178.50	
Reeves, John L.	Laborer, at \$660 and \$720	685.00	
Anthony, Maria	Charwoman, at \$480	480.00	
Murray, J. C. R.	do.	480.00	
Noone, Sarah	Charwoman, at \$240	20.00	
Shannon, Clara	do.	220.00	
Total		35,892.65	
<i>Out of Washington.</i>			
Benton, Frank	Agricultural investigator, at \$2,250	1,500.00	\$621.00
Hopkins, A. D.	Special agent, at \$2,500	2,500.00	78.15
Maskew, F.	Special agent, at \$150 per month	185.00	90.45
Moulton, Dudley	Special agent, at \$1,500	1,500.00	421.86
Burke, H. E.	Special agent, at \$1,400	1,400.00	458.29
Johnson, Fred	do.	1,400.00	401.54
Webb, J. L.	do.	1,399.99	305.60
Girault, A. Arsene	Special agent, at \$1,200	1,200.00	369.70
Phillips, W. J.	do.	1,100.00	608.97
Reeves, Geo. I.	do.	1,200.00	368.86
Ball, Elmer D.	Special agent, at \$100 per month	300.00	
Ainslee, Chas. N.	Special agent, at \$1,000	916.67	460.31
Jenne, E. L.	do.	250.00	260.49
Jones, Paul R.	do.	166.67	41.70
Rankin, J. M.	do.	1,000.00	600.86
Rosenfeld, A. H.	do.	163.88	35.14
Russell, Harry M.	do.	41.67	130.23
Spooner, Chas. S.	do.	291.67	388.35
Wilson, Wm. B.	Special agent, at \$720	152.00	36.35
Smith, Aaron	Laborer, at \$50 per month	600.00	
Chambliss, C. E.	Collaborator, at \$12	12.00	
Gates, Burton N.	Collaborator, at \$1 per month	5.00	24.00
Total		17,284.55	



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Entomological investigations, 1907, \$70,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Ballantyne, R. Carter.....	\$17.94	Lockhart & Co., F. A.....	\$6.00
Contingent expenses, Department of Agriculture.....	432.00	Longier, Felix.....	2.46
Index Bureau.....	5.10	Lovejoy Co.....	21.46
Library Bureau.....	145.04	McChesney, A. R.....	3.75
Morrison Paper Co., E.....	4.75	McDowell, Jno. B.....	20.00
Parker, D. Frank.....	1.13	Marshall, C. G.....	7.00
Schmidt, Fred A.....	30.45	Modary, M. R.....	4.45
Swayze, W. L.....	11.80	Miller, V. D.....	.75
United States Envelope Co.....	21.55	Monarch Typewriter Co.....	333.00
Yawman & Erbe Manufacturing Co.....	1.69	Moore, J. P.....	5.50
Total.....	671.45	Moore & Wood.....	4.89
<i>Miscellaneous supplies, etc.</i>		Morrill & Morley.....	37.72
American Entomological Co.....	136.50	Morss & Whyte Co.....	12.50
Ballantyne & Sons, Wm.....	9.25	Morton Bros.....	48.50
Barber & Ross.....	1.00	Murray, S. B.....	36.15
Barnes, J. L.....	31.50	Muth & Co., Geo. F.....	29.20
Beam, Alice.....	11.99	Niagara Sprayer Co.....	18.75
Beam, A. E. (Mrs.).....	7.63	Noel, Paul.....	28.95
Bernasco, Joseph.....	6.50	Olden Fruit Company.....	37.38
Bishop & Co., J.....	2.49	Ousanni, J.....	49.02
Bolgiano & Co., F. W.....	1.70	Perry, C. W.....	20.00
Bush, John.....	20.00	Randolph Paper Box Co.....	16.50
Capital Paper Box Co.....	31.32	Ratliff, Walter S.....	20.00
Capital Traction Co.....	15.00	Rau, John C.....	25.02
Carmody, Mary J.....	252.00	Redaelli & Figli, A.....	492.16
Carallin, M. L.....	83.52	Reilly, Hugh.....	27.01
Church & Stephenson.....	165.86	Remington Typewriter Co.....	39.85
Cincinnati Manufacturing Co.....	5.00	Robinson, J. T.....	20.00
Coble, Daniel H.....	20.00	Root Company, The A. I.....	50.38
Cole, T. B.....	45.00	Roudebush, Lowell.....	20.00
Cresmer Manufacturing Co.....	34.57	Rudolph & West Co.....	12.26
Deming Co.....	41.55	Scientific Engraving Co.....	8.00
Doolittle & Clark.....	2.00	Shea, N. H.....	29.53
Douglass & Co., L. C.....	15.54	Shedd & Bros. Co., S. S.....	21.65
Douglas, W. H.....	3.00	Shore, Chas.....	4.25
Dulin & Martin Co.....	5.80	Sierra Lumber Company.....	74.10
DuPerow, M.....	4.25	Smith Company, W. & T.....	21.25
Dyer, Wm. H.....	2.72	Somerville Company, Thos.....	11.56
Elliott & Co., James.....	5.04	Southern Printers' Supply Company.....	83.77
Espey, John B.....	110.65	Stearns, Jas. D.....	20.00
Franklin & Co.....	9.00	Swain & Sons, F. G.....	2.00
Friend Manufacturing Co.....	239.07	Thiemeyer Company, J. H.....	9.60
Gatchel & Manning.....	7.20	Thompson, John.....	20.00
Gould Manufacturing Co.....	188.00	Thompson, Joseph.....	10.12
Heidemann, Mrs. Mica.....	43.00	Trotter, Alex.....	7.00
Holmes Hardware Co.....	1.50	Washington Wood Working Com- pany.....	64.50
Hinde, Harry H.....	7.30	Weeks, E.....	5.00
Hinde Hardware Co.....	9.30	Woodward & Lothrop.....	17.00
Hine, James S.....	30.00	Woolworth & Co., F. W.....	.60
Hisor, Daniel.....	3.85	Youngs Company, Elphonzo.....	10.00
Hulse, Edgar J.....	6.00	Total.....	3,580.36
Hume, Edward.....	20.00	<i>Furniture.</i>	
Hunt, W. F.....	3.83	Gottwals, W. O.....	55.00
Hygiene Soap Gran. Co.....	12.08	Library Bureau.....	266.50
Improved Mailing Case Co.....	9.00	Moses & Sons, W. B.....	93.00
Ingegno, Fratelli.....	9.46	Woodward & Lothrop.....	4.69
Jackson & Co.....	1.30	Total.....	419.19
Jewell, C. A.....	20.00	<i>Freight.</i>	
Jones Engraving Co., H. C.....	37.23	Baltimore & Ohio R. R. Co.....	1.83
Jones, R. P.....	15.75	Littlefield, Alvord & Co.....	12.96
Joyce Engraving Co., M.....	2.00	St. Louis & San Fran. R. R. Co.....	14.60
Kann Sons & Co., S.....	5.93	Pennsylvania R. R. Co.....	2.19
Kellogg Switchboard and Supply Company.....	24.77	Roosa, I. P.....	27.00
Kelly, R. E.....	20.00	Total.....	58.58
Kentucky Tobacco Product Co.....	9.75		
Kernan Lumber Co.....	5.18		
Kingsley, A.....	20.00		
Lamb & Tilden.....	6.35		
Lambie Co. (Incorporated), Jas. B.....	13.00		

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Entomological investigations, 1907, \$70,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Express.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Adams Express Company.....	\$791.99	Thomas Company, Arthur H.....	\$179.99
United States Express Company.....	489.91	Thomas Chemical Company.....	40.88
Total.....	240.90	Wagner Photo Company, H. G.....	32.00
<i>Telegraph.</i>		Whitall Tatum Company.....	170.32
Postal Telegraph Cable Company....	24.27	Total.....	1,388.61
Western Union Telegraph Company..	95.41	<i>Travel and station and field expenses.</i>	
Total.....	119.68	Ainslie, C. N.....	460.31
<i>Telephone.</i>		Bain, J. W.....	2.20
The Chesapeake and Potomac Tele- phone Company.....	32.20	Beattie, James H.....	18.13
<i>Rent.</i>		Benton, Frank.....	621.08
Henry, Mrs. Sarah E.....	720.00	Burke, H. E.....	458.29
Jones, Alice M.....	12.00	Caudell, A. N.....	287.40
Loop, A. L.....	60.00	Chittenden, F. H.....	7.78
Roethke, R. T.....	22.80	Clifton, R. S.....	87.02
Total.....	814.80	Colcord, Mabel.....	24.22
<i>Gas and electricity.</i>		Condit, Ira J.....	38.70
Potomac Electric Power Company....	6.80	Fiske, W. F.....	511.40
Washington Gas Light Company....	83.70	Foster, S. W.....	106.75
Total.....	92.50	Fox, F. G.....	4.40
<i>Apparatus, instruments, and laboratory material.</i>		Gates, B. N.....	24.00
Albernathy Drug Company.....	1.10	Girault, A. A.....	369.70
Bausch & Lomb Optical Company....	258.54	Heidemann, Otto.....	2.00
Feast & Co., H. D.....	66.75	Hopkins, A. D.....	78.15
Gilman, Z. D.....	22.05	Howard, L. O.....	369.25
Green, Henry J.....	5.00	Johnson, Fred.....	401.54
Groiner Company, Emil.....	9.43	Jones, C. R.....	7.35
Heil Chemical Company, Henry.....	14.25	Jones, Paul R.....	41.70
Ing & Allen Company.....	36.50	Knob, Frederick.....	7.78
Kny Scheerer Company.....	9.00	Marlatt, C. L.....	7.78
McElroy, J. N.....	.40	Martin, Leslie.....	5.60
Mackall Brothers.....	30.43	Maskew, F.....	90.45
Merrimac Chemical Company.....	113.60	Moulton, Dudley.....	420.27
Pullman, E. J.....	23.28	Phillips, E. F.....	586.67
Rouse & Son, W. P.....	120.00	Phillips, W. J.....	608.97
Salchow & Baldwin.....	43.50	Quaintance, A. L.....	381.05
Slingerland, M. V.....	4.00	Rankin, J. M.....	600.86
Spencer Lens Company.....	207.59	Reeves, Geo. I.....	368.86
		Rosenfeld, A. H.....	35.14
		Russell, H. M.....	130.23
		Sanders, J. G.....	7.55
		Spooner, Chas. S.....	388.35
		Townsend, C. H. T.....	107.05
		Webb, J. L.....	305.60
		Webster, F. M.....	281.13
		White, G. F.....	107.45
		Wilson, W. B.....	36.35
		Total.....	8,395.81
Total amount of appropriation.....	\$70,000.00		
Total expenditures under above groups.....	68,991.28		
Unexpended balance.....	1,008.72		
Repayment to credit of appropriation.....	9.50		
Net unexpended balance.....	1,018.22		

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Entomological investigations (white fly), 1907, \$5,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Morrill, Austin W.....	Special field agent, at \$1,600.....	\$1,600.00	\$929.14
Russell, Harry M.....	Special field agent, at \$1,000.....	125.00	.....
Strong, Stephen.....	Special agent, at \$200 per month.....	400.00	259.44
Total.....	.....	2,125.00	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Entomological investigations (white fly), 1907, \$5,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Fuel.</i>	
Branch, W. S.....	\$1.00	Magruder, J. B.....	\$2.00
Curtis & O'Neal.....	12.97	<i>Freight.</i>	
Drew Co., H. & W. B.....	10.06	Hyer, R. L.....	3.00
Guernsey, Jos. L.....	1.25	<i>Express.</i>	
Pen Carbon Manifold Co.....	1.80	Adams Express Co.....	18.26
Total.....	27.08	<i>Telegraph.</i>	
<i>Miscellaneous supplies, etc.</i>		Postal Telegraph Cable Co.....	.87
Abernethy Drug Co.....	3.85	Western Union Telegraph Co.....	9.80
American Entomological Co.....	6.59	Total.....	10.67
Barker, George A.....	10.50	<i>Telephone.</i>	
Boone, C. A., jr.....	2.00	Orlando Telephone Exchange.....	1.50
Bumby, Joseph.....	11.15	<i>Rent.</i>	
Dickson & Ives.....	2.50	Beggs & Palmer.....	127.50
Drew Co., H. & W. B.....	4.45	Cheney, J. M.....	168.63
Espey, John B.....	15.36	Total.....	296.13
Green, Alvin.....	.75	<i>Apparatus, instruments, and laboratory material.</i>	
Holmes Hardware Co.....	120.44	Abernethy Drug Co.....	19.35
Hoogee Co., W. H.....	99.40	Bausch & Lomb Optical Co.....	73.85
Hubbard Co., S. B.....	46.95	Bumby, Jos.....	3.15
Johnson & Waite.....	2.10	Chase & Co.....	42.00
Moore, Mrs. Wm. S.....	1.80	Cramer Dry Plate Co., G.....	9.91
Orlando Novelty Works and Lumber Yards.....	14.40	Drew Co., H. & W. B.....	32.60
Orlando Water and Light Co.....	6.15	Florida Drug and Chemical Co.....	.26
Porter, J. H.....	2.40	Friez, Julian P.....	75.00
Pratt Co., B. G.....	2.00	Groover, Stewart Drug Co.....	84
Reporter Star Publishing Co.....	1.00	McElroy, J. M.....	1.00
Robinson, C. B.....	.75	Moore, A. L.....	154.15
Schnarr & Co., J.....	1.60	Painter Fertilizer Co., E. O.....	40.28
Shreve, H. A.....	18.15	Pullman, E. J.....	6.50
South Florida Foundry and Machine Works.....	1.00	Queen & Co. (Incorporated).....	5.09
Speir & Co., Clinton E.....	3.15	Shreve, H. A.....	2.50
Thayer, Hovey Soap Co.....	2.40		
Usner, H. S.....	1.12		
Westover, E. H.....	25.72		
Yowell, N. P.....	15.76		
Total.....	427.47		
<i>Furniture.</i>			
Drew Co., H. & W. B.....	2.50		



BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Entomological investigations (white fly), 1907, \$5,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses.</i>	
Southern Drug Manufacturing Co.....	\$0.63	Crawford, J. C.....	\$100.80
Tampa Drug Co.....	46.52	Hooker, W. A.....	159.40
Thomas Co., Arthur H.....	22.11	Morgan, A. C.....	115.12
Walker, Edward.....	3.00	Morrill, A. W.....	813.49
		Strong, Stephen.....	259.44
Total.....	538.74	Total.....	1,448.25

Total amount of appropriation.....	\$5,000.00
Total expenditures under above groups.....	4,900.60
Unexpended balance.....	99.40

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Cotton-boll weevil investigations, 1907, \$85,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Chittenden, F. H.....	Assistant, at \$2,650.....	\$331.25	
Leister, Austin J.....	Clerk, at \$1,200 and \$1,400.....	1,300.00	
Goll, George P.....	Special agent, at \$1,200.....	600.00	
Total.....		2,231.25	
<i>Out of Washington.</i>			
Hunter, Walter D.....	Special agent, at \$2,750.....	2,750.00	\$1,473.82
Hinds, W. E.....	Special agent, at \$1,800.....	1,800.00	227.60
Paulson, T. C.....	Special agent, at \$125 per month.....	312.50	311.75
Bishopp, F. C.....	Special agent, at \$1,400.....	1,400.00	1,370.14
Crawford, J. C., jr.....	do.....	1,224.99	830.70
Goes, Springer.....	do.....	583.34	678.64
Hooker, W. A.....	do.....	1,400.00	334.45
Morgan, A. C.....	do.....	1,400.00	1,419.82
Pierce, W. Dwight.....	do.....	1,400.00	396.09
Yothers, W. W.....	do.....	1,400.00	518.25
Buckner, A. W.....	Special agent, at \$100 per month.....	353.33	405.88
Cushman, Robert A.....	do.....	1,170.00	620.25
Flynn, C. W.....	do.....	900.00	618.20
Garrett, Julius B.....	do.....	800.00	339.95
Hood, Clarence E.....	do.....	300.00	387.30
McLachlan, Argyle.....	do.....	1,200.00	693.88
Mitchell, J. D.....	do.....	1,200.00	824.95
Newell, Wilmon.....	do.....	1,200.00	455.22
Jones, C. R.....	Special agent, at \$1,100 and \$1,300.....	816.67	834.55
Spooner, C. S.....	Special agent, at \$1,000.....	125.00	
Jordan, B. T.....	Special agent, at \$60 per month.....	720.00	175.32
Rose, Leo B.....	do.....	720.00	
Gilson, W. H.....	Special agent, at \$50 per month.....	350.00	278.70
Schwarz, E. A.....	Assistant, at \$2,000.....	2,000.00	192.70
Pratt, F. C.....	Assistant entomologist, at \$1,400 and \$1,600.....	1,583.33	1,144.25
Doyle, C. B.....	Expert, at \$100 per month.....	1,200.00	
Sanborn, Chas. E.....	Expert entomologist, at \$85 per month.....	1,020.00	486.23
Blesi, Edward.....	Clerk, stenographer, and typewriter, at \$75 per month, and clerk, at \$1,200 per annum.....	1,125.00	114.35
Harris, Ralph B.....	Clerk, stenographer, and typewriter, at \$75 per month.....	122.50	
Sorrell, Roy H.....	Stenographer and typewriter, at \$900.....	567.50	
Lomanitz, Sebastian.....	Laborer, at \$45 per month.....	135.00	
Pettit, Alvis K.....	Laborer, at \$35 and \$45 per month.....	470.00	
Lasseter, Thos. W.....	Laborer, at \$37.50 per month.....	112.00	
Meade, Rowland M.....	Temporary field agent, at \$25, and field agent, at \$40 per month.....	454.17	333.43
Total.....		32,315.83	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Cotton-boll weevil investigations, 1907, \$85,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous expenses, etc.—Con.</i>	
Dorsey Printing Co. ....	\$169.15	Peterson, Charles. ....	\$185.24
Exline Co., M. P. ....	99.23	Post-Office Department. ....	.80
Lake & Co., Fred L. ....	1.50	Randolph Paper Box Co. ....	13.00
Texas Paper Co. ....	25.00	Remington Typewriter Co. ....	100.00
Total. ....	294.90	Rublee, Chas. A. ....	25.00
<i>Miscellaneous supplies, etc.</i>		Samuelson, C. ....	54.24
Alexander Seed Co. ....	19.20	Sanger Bros. ....	5.14
American Entomological Co. ....	125.35	Saucier, Leon. ....	8.00
Appel & Burwell. ....	7.35	Scientific Engraving Co. ....	12.00
Arnold, Henry A. ....	10.00	Skoberg, J. F. ....	182.00
Baird, A. D. ....	32.50	Smith, B. F. ....	91.85
Broggins, M. R. ....	54.00	Smith, J. B. ....	1.00
Burnitt, Seth. ....	40.40	Sodekson, N. S. ....	200.00
Burrelles Press Clipping Co. Bureau. ....	60.00	Stevens Co., Lloyd M. ....	97.60
Butler, James Melvin. ....	15.00	Stenson, P. A. ....	261.82
Citizens' Planing Mill Co. ....	233.70	Swanson, Gust. ....	233.52
Clement, J. C. ....	44.02	Tackett, W. M. ....	11.85
Coates, H. C. ....	44.60	Texas and Floral Co. ....	18.20
Cook, J. R. ....	13.52	Thomson, H. N. ....	466.78
Craig, W. R. ....	22.86	Titche-Goettinger Co. ....	19.13
Culpepper, J. E. ....	16.16	Traylor, B. K. ....	26.04
Dallas Cooperage and Woodenware Co. ....	114.24	Traylor, John. ....	22.96
Dallas Gas Co. ....	5.00	Turner, G. A. ....	90.00
Dallas Ice and Fuel Co. ....	16.10	Ward, Mrs. B. F. ....	52.67
Dallas Stable. ....	448.00	Ward, Dan. ....	57.02
Dallas Tent and Awning Co. ....	25.75	Wilbern, H. K. ....	126.45
Dallas Transfer and Cab Co. ....	197.33	Willet Co., N. L. ....	32.22
Damstrom, C. J. ....	118.32	Wilson, Edward. ....	155.76
Damstrom, Victor. ....	102.41	Wilson, F. D. ....	10.00
Deming Co. ....	107.64	Woodward & Lothrop. ....	4.50
Dennis & Co., R. T. ....	50.90	Yothers, Maud. ....	16.00
Dickson & Ives. ....	2.50	Total. ....	6,730.29
Donnelly, John. ....	9.00	<i>Furniture.</i>	
Dozier, M. D. ....	14.07	Dennis & Wigley Co., R. T. ....	12.00
Drake, R. W. ....	12.20	Exline Co., M. P. ....	83.90
Exline Co., M. P. ....	19.80	Hoeke, W. H. ....	44.70
Fiebrig, K. ....	100.00	Library Bureau. ....	95.50
Fitche-Goettinger Co. ....	9.67	Swayze, W. L. ....	2.90
Franklin, W. T. ....	132.75	Woodward & Lothrop. ....	15.86
Fulton Bag and Cotton Mills. ....	23.63	Total. ....	254.86
Gilson, F. J. ....	70.00	<i>Fuel.</i>	
Glass, J. N. ....	153.03	Bruce, Lee. ....	8.50
Greer, L. F. ....	18.45	Dallas Ice and Fuel Co. ....	22.50
Hammond Co., T. W. ....	15.00	Thornton, R. H. ....	6.00
Hardie Seed Co., David. ....	4.05	Total. ....	37.00
Hastings & Co., H. G. ....	14.57	<i>Freight.</i>	
Hutmann Co., F. W. ....	49.99	Dallas Transfer and Cab Co. ....	519.76
Holmes, B. L. ....	18.24	Gulf, Colorado & Santa Fe Ry. Co. ....	1.52
Hulse, Edgar J. ....	37.50	Murray, S. B. ....	1.00
Illingworth, W. ....	200.00	Murphy, W. Y. ....	6.40
Jenks, W. S. ....	12.24	Perkins, J. H. ....	9.10
Johnson, C. O. ....	102.36	Total. ....	537.78
Keithly, C. E. ....	232.11	<i>Express.</i>	
Kentucky Product Tobacco Co. ....	11.88	Adams Express Co. ....	63.43
Lake & Co., Fred L. ....	3.75	Bausch & Lomb Optical Co. ....	3.30
Lambie Co. (Inc.), Jas. B. ....	1.00	United States Express Co. ....	42.48
Larson, Nels. ....	131.25	Total. ....	109.21
Layton, R. D. ....	24.65	<i>Telegraph.</i>	
Lee, E. E. ....	16.94	Postal Telegraph-Cable Co. ....	19.53
Little, J. C. ....	9.44	Postal Telegraph-Cable Co., of Texas. ....	17.47
Lomanitz, Sebastin. ....	17.37		
Lawrence, J. L. ....	321.00		
McGinnis, N. M. ....	3.50		
McNeely, D. L. ....	99.25		
McWhirk, A. ....	15.75		
Mackinson, Olof. ....	22.00		
Markham, G. C. ....	10.60		
Markham Lumber Co., J. L. ....	11.39		
Miller, E. J. ....	28.95		
Monarch Typewriter Co. ....	80.00		
Moore, C. F. ....	22.00		
Murray, S. B. ....	3.95		

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907, \$85,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Telegraph—Continued.</i>		<i>Travel and station and field expenses.</i>	
Western Union Telegraph Co. . . . .	\$21.90	Banks, Nathan . . . . .	\$39.25
Western Union Telegraph Co., Dallas Texas . . . . .	26.32	Bishop, F. C. . . . .	1,370.14
Total . . . . .	85.22	Blesi, Edward . . . . .	114.35
<i>Telephone.</i>		Buckner, A. W. . . . .	405.88
Southwestern Telegraph and Tele- phone Co. . . . .	67.45	Crawford, J. C. . . . .	536.05
<i>Rent.</i>		Cushman, R. A. . . . .	620.75
Hayes, M. P. . . . .	480.00	Flynn, C. W. . . . .	618.20
McCan, J. F. . . . .	192.00	Garrett, J. B. . . . .	339.95
Total . . . . .	672.00	Gilson, W. H. . . . .	278.70
<i>Apparatus, instruments, and labora- tory material.</i>		Goes, Springer . . . . .	678.64
Bausch & Lomb Optical Co. . . . .	255.74	Hinds, W. E. . . . .	227.60
Buckingham, I. T. . . . .	84.10	Hood, Clarence E. . . . .	387.30
Friez, Julian P. . . . .	83.37	Hooker, W. A. . . . .	188.05
Graham, Andrew R. . . . .	24.00	Howard, L. O. . . . .	114.40
Green, Henry J. . . . .	48.10	Hunter, W. D. . . . .	1,473.82
Kny-Scheerer Co. . . . .	34.50	Jones, C. R. . . . .	827.20
Spencer Lens Co. . . . .	115.36	Jordan, B. T. . . . .	175.32
Stevens & Co., Lloyd M. . . . .	23.60	McLachlan, Argyle . . . . .	693.88
Thomas Co., Arthur H. . . . .	34.40	Meade, Rowland M. . . . .	275.93
Virginia-Carolina Chemical Co. . . . .	1,769.25	Mitchell, J. D. . . . .	824.95
Weichsel Co., C. . . . .	174.98	Morgan, A. C. . . . .	1,300.70
Whitall Tatum Co. . . . .	42.48	Morrill, A. W. . . . .	115.55
Total . . . . .	2,689.88	Newell, Wilmon . . . . .	455.22
		Paulson, T. C. . . . .	311.75
		Pierce, W. Dwight . . . . .	396.08
		Pratt, F. C. . . . .	1,144.25
		Sanborn, C. E. . . . .	486.23
		Schwarz, E. A. . . . .	192.70
		Yothers, W. W. . . . .	442.45
		Total . . . . .	15,132.49

Total amount of appropriation . . . . .	\$85,000.00
Total expenditures under above groups . . . . .	\$61,158.16
Advance to Geo. P. Goll, temporary disbursing agent . . . . .	2,787.63
Advance to H. Pittier, temporary disbursing agent . . . . .	736.99
	64,682.78
Unexpended balance . . . . .	20,317.22
Repayment to credit of appropriation . . . . .	8.73
Net unexpended balance . . . . .	20,325.95

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton boll weevil investigations, 1907, \$85,000"—Continued.

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Seth Burnett . . . . .	Growing cotton for investigations concerning the boll weevil.	\$40.40
M. L. Cavallin . . . . .	Experiment in destruction of boll weevil . . . . .	83.52
H. C. Coates . . . . .	do . . . . .	44.60
Dallas Transfer and Cab Co. . . . .	Payment of freight charges on cotton seed and fertilizers in Texas.	448.31
C. J. Damstrom . . . . .	Experiment in destruction of boll weevil . . . . .	118.32
Victor Damstrom . . . . .	do . . . . .	102.41
W. T. Franklin . . . . .	Growing of cotton for investigations concerning the boll weevil.	132.75
B. L. Holmes . . . . .	Experiment in destruction of boll weevil . . . . .	18.24
C. O. Johnson . . . . .	do . . . . .	162.36
Nels Larson . . . . .	do . . . . .	131.25



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Cotton-boll weevil investigations, 1907, \$85,000"—Continued.

## CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
J. L. Lourance.....	Growing of cotton for investigations concerning the boll weevil.	\$300.00
Olof Markinson.....	Experiment in destruction of boll weevil.....	22.00
Charles Peterson.....	do.....	185.24
C. Samuelson.....	do.....	54.24
C. F. Skoberg.....	do.....	182.00
B. F. Smith.....	do.....	91.85
N. S. Sodekson.....	Growing of cotton for investigations concerning the boll weevil.	200.00
P. A. Svenson.....	Experiment in destruction of boll weevil.....	261.82
Gust Swanson.....	do.....	236.52
John Traylor.....	do.....	22.96
R. K. Traylor.....	do.....	26.04
Mrs. B. F. Ward.....	do.....	52.67
H. K. Willbern.....	Growing of cotton for investigations concerning the boll weevil.	126.45
Edward Wilson.....	Experiment in destruction of boll weevil.....	155.76
Total.....		3,196.71

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907, \$82,500."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Crawford, J. C.....	Special agent, at \$1,400.....	\$175.01	
O'Leary, E. B.....	Clerk, at \$1,200, and \$1,400.....	1,200.00	
Townsend, C. H. T.....	Expert preparator, at \$1,200.....	500.00	
Knab, Frederick.....	Entomological draftsman, at \$1,000.....	916.67	
Total.....		2,791.68	
<i>Out of Washington.</i>			
Rogers, Dexter M.....	Special field agent, at \$2,600.....	2,600.00	\$617.33
Fiske, W. F.....	Special field agent, at \$1,800.....	150.00	
Titus, E. S. G.....	do.....	1,800.00	200.89
Caudell, A. N.....	Assistant, at \$1,200.....	1,200.00	296.70
Dalton, Harry B.....	Clerk, stenographer and typewriter, at \$900.....	827.50	
Abrams, Jacob.....	Laborer, at \$1.60 per diem.....	27.20	
Adams, Samuel D.....	do.....	8.80	
Arnold, A. S.....	do.....	24.00	
Bilson, Charlie.....	do.....	8.80	
Capolle, Robt. E.....	do.....	129.60	
Chase, Frank H.....	do.....	6.40	
Downes, James E.....	do.....	241.60	
Grant, Max L.....	do.....	9.60	
Higginson, Wm. H.....	do.....	26.40	
Kanahan, J. M.....	do.....	28.00	
Kelly, Martin J.....	do.....	97.60	
McGingan, Geo. D.....	do.....	6.40	
Mountain, D. J.....	do.....	133.80	
Peckham, Earle W.....	do.....	70.40	
Pelkey, Walter S.....	do.....	186.60	
Pierce, Arnold S.....	do.....	237.80	
Semonoff, Leon.....	do.....	9.60	
Thurston, Arthur P.....	do.....	74.20	
Toomey, John J.....	do.....	42.40	
White, Benj. L.....	do.....	84.20	
Whitehead, Geo. W.....	do.....	13.60	
Casey, Daniel P.....	Laborer, at \$1.60 and \$2 per diem.....	285.80	
Donnelly, M. F.....	do.....	307.40	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907, \$82,500"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gilbert, R. W.	Laborer, at \$1.60 and \$2 per diem.	\$148.55	
Moran, Thomas F.	do.	363.65	
Polk, Clifton C.	Laborer, at \$1.60 and acting foreman, at \$2 per diem.	389.55	
Toomey, Michael J.	Laborer, at \$1.60 and \$2 per diem.	122.60	
Toomey, Patrick J.	do.	358.85	
Huntington, John C.	Laborer, at \$1.60, subforeman, at \$2, and scout, at \$2.40 per diem.	394.00	
Polk, Wm. C.	Laborer, at \$1.60, \$1.65, \$2, and scout, at \$2.40 per diem.	471.25	
Eldredge, Elmer E.	Laborer, at \$1.85 per diem.	11.10	
Ahearn, Wm. J.	Laborer, at \$2 per diem.	394.00	
Allen, William H.	do.	14.00	
Babcock, Bert.	do.	162.00	
Mooney, James H.	Laborer, at \$1.85 per diem.	11.10	
Babcock, Charles A.	Laborer, at \$2 per diem.	43.75	
Ball, Geo. W.	do.	3.00	
Barks, Howard F.	do.	18.50	
Bateman, Owen J.	do.	42.50	
Beatty, P. F.	do.	79.50	
Bent, William A.	do.	176.00	
Berrett, Edward J.	do.	171.25	
Berrigan, James P.	do.	2.00	
Beucler, E. B.	do.	26.00	
Beucler, John Lee.	do.	16.50	
Blomerth, Oscar W.	do.	243.00	
Bonanfant, Louis.	do.	55.00	
Bourget, Elie.	do.	2.00	
Bowes, William F.	do.	26.00	
Boyle, John F.	do.	12.25	
Bowlby, Wm. H.	do.	16.00	
Bradish, Herbert E.	do.	2.00	
Bradley, John J.	do.	64.75	
Breen, Frank H.	do.	277.25	
Brennan, Thomas E.	do.	365.50	
Breslin, Lewis C.	do.	305.75	
Briggs, Chas. H.	do.	63.00	
Briggs, James E.	do.	258.50	
Brown, Bliss S.	do.	83.00	
Brown, Harry A.	do.	59.25	
Bryant, Arthur.	do.	32.00	
Burnett, John W.	do.	6.00	
Butters, Walter R.	do.	314.25	
Cain, Edward T.	do.	196.50	
Callahan, Richard C.	do.	87.00	
Callahan, T. F.	do.	4.00	
Cannam, John W.	do.	2.00	
Canney, Joseph.	do.	314.00	
Carey, Chas. A.	do.	2.00	
Carey, Thomas J.	do.	394.00	
Carey, William.	do.	40.00	
Carroll, John F.	do.	2.00	
Case, James E.	do.	8.00	
Cassell, Daniel.	do.	24.00	
Cassell, Matthew.	do.	390.00	
Champagne, G. J.	do.	54.50	
Chandler, Frank A.	do.	72.00	
Chatfield, Daniel.	do.	43.75	
Clark, Walter B.	do.	20.00	
Clements, Geo. F.	do.	46.25	
Clifford, Henry H.	do.	51.50	
Clifford, Herbert H.	do.	88.25	
Coholan, William.	do.	51.75	
Collegan, S. F.	do.	153.00	
Collins, Chas. P.	do.	47.50	
Collins, Daniel J.	do.	90.25	
Colombe, L. R.	do.	71.75	
Conley, Frank B.	do.	37.50	
Conley, John J.	do.	83.00	
Connolly, Martin J.	do.	283.25	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907, \$82,500"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Conroy, George W.	Laborer, at \$2 per diem.	\$2.00	
Cook, Frank A.	do.	59.00	
Cook, Perley D.	do.	143.75	
Cossaboom, Otto L.	do.	29.50	
Cotters, John	do.	2.00	
Crayton, John, S.	do.	184.25	
Creadon, Joseph F.	do.	87.00	
Creadon, John W.	do.	133.25	
Crowell, Harry J.	do.	76.00	
Crowley, Christopher	do.	384.50	
Curran, Patrick	do.	107.00	
Cuzner, Herbert J.	do.	32.00	
Danehy, Richard J.	do.	56.75	
Darragh, Joseph H.	do.	56.00	
Delehanty, Carroll J.	do.	7.00	
Dempsey, Frank M.	do.	103.50	
Denley, John	do.	31.00	
Devean, Joseph J.	do.	14.00	
Dodge, John R.	do.	5.25	
Doherty, Benj. F.	do.	87.00	
Doherty, Daniel F.	do.	37.00	
Doherty, Francis J.	do.	55.00	
Doherty, John F.	do.	78.00	
Doherty, James V.	do.	21.75	
Dolan, John	do.	115.50	
Dolen, John	do.	24.50	
Donahue, Cornelius	do.	32.25	
Donnelly, Geo. H.	do.	344.75	
Doucett, Patrick	do.	6.00	
Doucette, Anthony	do.	227.50	
Dowd, Jos. L.	do.	12.25	
Dowden, Samuel H.	do.	134.75	
Doyle Edward	do.	192.25	
Doyle, Frank	do.	4.00	
Doyle, James B.	do.	31.50	
Dunbar, H. Walter	do.	239.75	
Eager, George B.	do.	88.25	
Eagleston, Thos. J.	do.	16.00	
Ebert, Frank S.	do.	78.00	
Edwards, Frank W.	do.	33.50	
Elliott, George W.	do.	170.50	
Estabrook, Walter	do.	43.00	
Fall, Wm. H.	do.	6.00	
Farrey, James P.	do.	410.75	
Farrey, Patrick H.	do.	89.50	
Farrington, Geo. A.	do.	276.00	
Feeney, Michael H.	do.	82.00	
Feeney, B. W.	do.	3.50	
Feeney, Thomas W.	do.	360.00	
Farrington, John W.	do.	11.00	
Ferguson, Arthur	do.	8.25	
Finn, Edward H.	do.	38.00	
Fitzgerald, E. J.	do.	126.50	
Fitzpatrick, Hugh P.	do.	182.75	
Fitzpatrick, J. C.	do.	51.50	
Foley, Jeremiah	do.	4.00	
Foley, Thomas F.	do.	50.50	
Ford, John D.	do.	21.75	
Foshey, Geo. W.	do.	2.00	
Foster, Walter E.	do.	82.00	
Frazier, Daniel	do.	54.00	
Fredrickson, Emil	do.	60.25	
Gallagher, John	do.	37.00	
Gallagher, Jas. J.	do.	2.00	
Geary, Wm. J.	do.	32.00	
Gibbs, George A.	do.	14.00	
Gibbons, Chas. A.	do.	.25	
Gibby, Warren B.	do.	22.00	
Glynn, Edward H.	do.	96.00	
Goodwin, C. W.	do.	5.25	



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907, \$82,500"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gorman, Frederick	Laborer, at \$2 per diem.	\$36.00	
Gormley, James	do	83.00	
Gough, Frank J.	do	6.00	
Gould, James J.	do	94.75	
Grace, James J.	do	104.50	
Graham, Lewis H.	do	105.00	
Grant, Fred J.	do	130.50	
Grant, Patrick T.	do	11.00	
Gregory, Geo. F.	do	160.00	
Guppey, Chester A.	do	67.00	
Hale, Horace	do	262.25	
Halliday, Geo. H.	do	182.25	
Halpin, William	do	167.25	
Hanson, Chas. R. W.	do	185.00	
Harkins, Edward J.	do	88.00	
Harney, Joseph P.	do	140.25	
Harris, Charles	do	307.00	
Hawkes, Albert F.	do	196.75	
Hayes, Daniel J.	do	149.50	
Heaton, Walter	do	11.25	
Hebb, Guy M.	do	18.50	
Heffernan, Patrick H.	do	14.00	
Henry, Frank S.	do	4.00	
Herbert, Edwin H.	do	57.00	
Herbert, Henry K.	do	198.25	
Higgins, John H.	do	76.50	
Holt, Daniel H.	do	5.25	
Holt, Harry M.	do	7.25	
Hopkins, R. D.	do	57.00	
Hofigan, Michael F.	do	5.00	
Humphrey, Arthur	do	52.50	
Humphrey, James F.	do	146.50	
Jenkins, Arthur F.	do	52.00	
Johnson, Bertram H.	do	42.25	
Johnson, Joseph	do	56.75	
Johnson, Oscar E.	do	63.00	
Johnson, Walter H.	do	5.25	
Johnston, John J.	do	36.75	
Joll, Walter	do	58.00	
Jones, George W.	do	98.00	
Josselyn, Andrew W.	do	11.00	
Julien, Simon	do	140.25	
Kallenberg, John C.	do	69.00	
Kane, Patrick T.	do	76.50	
Keating, Patrick	do	99.25	
Kehoe, Wm. H.	do	2.00	
Kelley, Edward L.	do	44.25	
Kelley, Michael W.	do	23.00	
Kelley, Thomas F.	do	13.00	
Kelliher, Wm. J.	do	68.25	
Kelly, Isaiah F.	do	57.25	
Kennedy, Edward J.	do	138.25	
Kennedy, Robt. W.	do	67.50	
Kerrigan, Michael	do	99.50	
Kettell, Geo. H.	do	474.25	
Kirmes, Victor H.	do	6.75	
La Fave, Richard	do	52.75	
Lannon, John	do	10.00	
Lapham, Wm. F.	do	30.00	
Laskey, John H.	do	87.50	
Laughlin, Jerry	do	316.25	
Lavine, John	do	4.00	
Lee, Charles R.	do	74.00	
Lefave, Geo. H.	do	127.00	
Lefave, Jerry	do	44.25	
Litchfield, E. E.	do	161.75	
Long, Clarence M.	do	56.75	
Lord, Richard J.	do	38.00	
Loveland, D. E.	do	100.50	
Lucey, Cornelius J.	do	18.25	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907, \$82,500"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lucey, Michael F.	Laborer, at \$2 per diem.	\$181.75	
Lucey, Timothy.	do.	5.00	
Lynch, Michael.	do.	24.50	
Lynde, Frank G.	do.	8.00	
Lyons, James A.	do.	9.00	
McCarron, Frank P.	do.	67.50	
McCarthy, F. F.	do.	54.25	
McCarthy, John H.	do.	97.25	
McClellan, L.	do.	7.00	
McDonnell, James H.	do.	2.00	
McDougall, A.	do.	2.00	
McGovern, F. J.	do.	22.75	
McGowan, Chas. F.	do.	388.75	
McHugh, Thomas.	do.	134.00	
McKenna, Simon.	do.	179.25	
McLane, Donald.	do.	264.75	
McLaughlin, R. L.	do.	48.00	
McLellan, Thomas.	do.	172.75	
McMahon, Thomas.	do.	57.25	
McMan, Will.	do.	426.00	
McNeil, Bernard.	do.	9.25	
McNulty, James P.	do.	6.00	
Madden, John.	do.	44.25	
Maguire, Frank B.	do.	1.00	
Maguire, Geo. E.	do.	156.50	
Maguire, James P.	do.	7.00	
Mahoney, James.	do.	89.75	
Mahoney, T. R.	do.	317.50	
Maloney, James A.	do.	18.50	
Martin, George R.	do.	46.25	
Martin, Thos. F.	do.	6.00	
Mayo, Orlando.	do.	11.00	
Melendy, Samuel.	do.	117.25	
Metrano, Cosmo M.	do.	7.00	
Meuse, Joseph F.	do.	62.50	
Meuse, Reuben.	do.	50.50	
Michell, William.	do.	46.00	
Middleton, James I.	do.	8.00	
Middleton, Wilfred.	do.	370.25	
Miller, George A.	do.	70.00	
Mitchell, John H.	do.	149.25	
Mixer, Everett L.	do.	40.50	
Mullally, C.	do.	419.50	
Murphy, Edward G.	do.	68.25	
Murphy, Hugh.	do.	121.50	
Murphy, Jeremiah.	do.	221.50	
Murphy, Jerry A.	do.	40.50	
Murphy, James J.	do.	56.00	
Murphy, Peter P.	do.	40.00	
Murray, Jeremiah F.	do.	179.50	
Murray, Thomas J.	do.	52.50	
Muse, Joseph F.	do.	19.25	
Muse, Reuben.	do.	29.00	
Nassif, James.	do.	2.00	
Neiss, Fred J.	do.	188.50	
Neiss, John L.	do.	190.25	
Newbegin, Guy M.	do.	65.00	
Newbegin, Irving B.	do.	84.50	
Nichols, Charles C.	do.	30.00	
Nolan, Wm. H.	do.	71.50	
Noonan, Geo. F.	do.	33.00	
Norton, Frank A.	do.	41.75	
Norton, F. H.	do.	8.25	
Noseworthy, Bert.	do.	249.75	
Noseworthy, Wm.	do.	248.75	
Noyes, Walter W.	do.	3.00	
O'Connor, John W.	do.	22.00	
O'Donnell, B. G.	do.	107.00	
Ogilvie, Frank E.	do.	11.00	
O'Keefe, Dennis M.	do.	1.00	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907, \$82,500"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
O'Leary, Patrick H.	Laborer, at \$2 per diem.	\$5.25	
Orpen, Cornelius C.	do.	125.75	
Palmer, Wm. H.	do.	111.25	
Parker, Dwight I.	do.	11.00	
Parrott, Louis J.	do.	60.25	
Parsons, James.	do.	58.50	
Parsons, Mark J.	do.	112.00	
Patten, Allan L.	do.	12.50	
Patten, Albert L.	do.	9.00	
Payne, William.	do.	2.00	
Pearsons, Frank C.	do.	54.75	
Penney, Willie M.	do.	168.75	
Phillips, Wendell.	do.	9.75	
Pierce, Gardner M.	do.	71.25	
Porter, Edgar.	do.	95.75	
Pratt, F. Burton.	do.	154.50	
Putnam, Frank A.	do.	4.00	
Quint, Edward J.	do.	1.00	
Randall, Horace A.	do.	64.50	
Reardon, John F.	do.	45.50	
Reardon, James G.	do.	47.25	
Reed, Edward F.	do.	68.75	
Reynolds, Geo. C.	do.	272.00	
Riley, Harry J.	do.	51.50	
Riley, Michael J.	do.	63.75	
Roberts, Jean R.	do.	121.00	
Roche, Wm. H.	do.	385.50	
Rooney, Thomas F.	do.	145.75	
Rowen, John J.	do.	62.75	
Russell, Seth H.	do.	52.00	
Ryan, George H.	do.	183.50	
Ryan, Edward F.	do.	411.00	
Ryan, John.	do.	126.50	
Sampson, John B.	do.	8.00	
Santolucite, John.	do.	3.25	
Santolucite, R.	do.	1.50	
Sarsfield, Wm.	do.	250.25	
Saterlay, Wm. J.	do.	38.25	
Saunders, Wm. P.	do.	30.25	
Searle, Walter J.	do.	1.00	
Sennott, Maurice.	do.	6.00	
Shea, John.	do.	190.50	
Shea, John H.	do.	9.00	
Sheppard, Henry.	do.	247.75	
Shine, Joseph A.	do.	107.50	
Shirley, Wm. P.	do.	12.00	
Short, Francis B.	do.	250.25	
Silvey, Frank.	do.	177.75	
Soles, Geo. W.	do.	414.75	
Stevens, Roscoe.	do.	177.50	
Storey, Chester W.	do.	55.50	
Strother, Otis W.	do.	30.50	
Stuart, William.	do.	36.00	
Sullivan, Daniel J.	do.	74.00	
Sullivan, Edward A.	do.	54.50	
Sullivan, James.	do.	120.50	
Sullivan, Jeremiah.	do.	355.75	
Sullivan, John I.	do.	100.75	
Sullivan, John J.	do.	5.25	
Sullivan, Robert H.	do.	7.00	
Sullivan, Wm. S.	do.	180.25	
Sweeney, Daniel J.	do.	6.00	
Sweetman, Edward F.	do.	46.00	
Tafe, John F.	do.	309.00	
Tarr, John.	do.	72.25	
Thibault, Peter.	do.	13.25	
Thompson, Frank S.	do.	67.50	
Thornton, Frank N.	do.	62.00	
Tingley, Freeman R.	do.	159.75	
Toth, Andrew.	do.	12.00	
Toth, Terence.	do.	118.25	



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907, \$82,500"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Townsend, Geo. F.	Laborer, at \$2 per diem.	\$8. 00	
Tracy, Patrick H.	do.	70. 75	
Tracy, Thomas J.	do.	2. 00	
Twomey, Thomas F.	do.	7. 00	
Waite, Fred C.	do.	233. 00	
Walker, Andrew R.	do.	4. 00	
Walker, Herbert G.	do.	66. 00	
Walsh, Dennis L.	do.	5. 25	
Walsh, Joseph.	do.	35. 00	
Washington, Edward.	do.	1. 00	
Webber, John W.	do.	430. 50	
Welch, James B.	do.	293. 75	
Wheeler, James M.	do.	73. 00	
Wheeler, William J.	do.	63. 75	
Wiley, Edward H.	do.	58. 25	
Williams, King.	do.	71. 75	
Wilson, Chas. F. R.	do.	57. 50	
Wilson, Frank H.	do.	69. 75	
Wing, John H.	do.	78. 25	
Witthus, Bernhard.	do.	184. 50	
Woodis, Hiram.	do.	255. 00	
Wootton, Paul L.	do.	8. 00	
Bishop, Wiley L.	Laborer, at \$2, and scout, at \$2.40 per diem.	203. 25	
Boardman, Chester E.	do.	242. 00	
Breen, Harry.	do.	278. 55	
Brogan, John F.	do.	160. 65	
Clancy, Frank E.	do.	76. 15	
Collins, B. J.	do.	119. 15	
Copson, John.	do.	458. 80	
Cunningham, J. H.	do.	446. 25	
Darragh, Wm. H.	do.	335. 95	
Dauceit, Geo. A.	do.	291. 50	
Feener, Fred.	do.	434. 75	
Graves, F. W., jr.	do.	215. 85	
Harrington, R. T.	do.	258. 85	
Harris, G. N., jr.	do.	374. 50	
Knights, C.	do.	187. 50	
Lapham, Frank M.	do.	194. 35	
Mader, Ernest W.	do.	79. 20	
Marshall, Ernest L.	do.	160. 80	
O'Brien, Michael P.	do.	212. 35	
O'Connell, J. T.	do.	159. 90	
O'Donnell, Luke.	do.	85. 00	
Pratt, Clifford.	do.	476. 60	
Prentiss, Amory.	do.	211. 10	
Punch, John D.	do.	59. 25	
Ramsdell, H. A.	do.	209. 00	
Scott, John W.	do.	252. 60	
Singleton, R. L.	do.	88. 75	
Spencer, Wm. T.	do.	433. 80	
Sweeney, John D.	do.	111. 35	
Swinehamer, J. H.	do.	314. 05	
Townsend, Elmer R.	do.	118. 20	
Wholley, Wm. J.	do.	74. 20	
Whitehead, Geo. D.	do.	190. 75	
Atkinson, William.	Laborer, at \$2, and foreman, at \$2.50 per diem.	422. 81	
Buckley, D. F.	do.	442. 00	
Freeman, Wm. H.	do.	522. 50	
Geary, Carlton W.	Laborer, at \$2, and storekeeper, at \$2.50 per diem.	590. 50	
Glennon, John F.	Laborer, at \$2, and foreman, at \$2.50 per diem.	415. 75	
McCarthy, Daniel.	do.	532. 57	
McGilley, Chas. J.	do.	557. 07	
Martin, John J.	Laborer, at \$2, scout, at \$2.40, and foreman, at \$2.50 per diem.	406. 52	
Mollirs, Thos. E.	Laborer, at \$2, and foreman, at \$2.50 per diem.	537. 06	
Stevens, Chas. W.	do.	314. 00	
McIntyre, Henry L.	Laborer, at \$2, scout, at \$2.40, and foreman, at \$2.80 per diem.	326. 00	\$63. 02

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907, \$82,500"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Merrill, Geo. E.	Laborer, at \$2, scout, at \$2.40, and foreman, at \$2.50 and \$2.80 per diem.	\$574.28	
Ripley, William G.	Laborer, at \$2, and foreman, at \$2.80 per diem.	137.20	
Rodgers, Thomas S.	Laborer, at \$2, scout, at \$2.40, and foreman, at \$2.50 and \$2.80 per diem.	331.15	
Shanahan, Jeremiah	Laborer, at \$2, scout, at \$2.40, and foreman, at \$2.80 per diem.	344.80	
Taylor, Oscar E.	do	300.10	
Hale, Edward R.	Laborer, at \$2, and scout at \$3 20 per diem.	162.80	
Miller, Thomas L.	Subforeman, at \$2 per diem.	436.75	
Caswell, Walter R.	Foreman, at \$2.50 per diem.	465.00	
Clark, Wm. B.	do	14.38	
Earl, William	do	455.32	
Parkins, Fred W.	Foreman, at \$2.50 and \$2.80 per diem.	143.40	
Pratt, Forest E.	do	553.21	
Sweeney, John W.	Foreman, at \$3 per diem.	755.00	
Lame, Gilbert E.	General foreman, at \$3 per diem.	57.00	\$33.15
Vinton, Harry W.	General foreman, at \$3 per diem, and special agent, at \$90 per month.	984.00	8.20
Connolly, Martin J.	Scout, at \$2.40 per diem.	86.40	
Farrington, Geo. A.	do	80.90	
Fenton, W. A.	do	88.20	
Kerrigan, D. J.	do	37.80	
Lombard, James J.	do	36.00	
Darragh, Joseph H.	Scout, at \$2.40, and foreman, at \$2.50 and \$2.80 per diem.	381.04	
Hamilton, Chas. B.	Scout, at \$3.20 per diem.	153.60	
Totman, Charles E.	do	153.60	
Total		63,679.30	1,219.09

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907, \$82,500"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Entomological Co.	\$42.25	Newhall, Elmer B.	\$33.00
Bigelow & Dowse Co.	1,418.74	Olds Gas Power Co.	3,242.56
Blockmer & Co., J. L.	3.10	Page & Cartin.	9.95
Blake, S. F.	227.50	Pope, C. O.	12.00
Blakeley, Charles A.	550.00	Remington Typewriter Co.	184.00
Blanchard, Kendall & Co.	39.06	Powell, Beede K.	8.00
Chesterton & Co., A. W.	32.55	Spencer, Thomas.	58.50
Clafin & Co. (Incorporated), W. H.	761.22	Stocker, Frederic.	15.00
Clark Co., Henry N.	15.40	Suffolk Engraving and Electric Co.	4.01
Collins Hardware Co.	4.50	Upham, Charles E.	337.50
Doherty, P. H.	32.00	Will & Baumer Co.	26.25
Dwyer, John D.	4.50		
Frost & Co., H. L.	5.00	Total	8,035.19
Frost Insecticide Co.	58.00		
Hallock, W. G.	33.50	<i>Furniture.</i>	
Ingalls, Wm. D.	10.00	Hoeke, W. H.	39.76
Jeffrey, Joseph H.	8.25	Stearns & Henderson.	165.87
Jenny Manufacturing Co.	118.17	Total	205.13
Kennedy, A. H.	108.00		
King & Co. (Incorporated), E. and F.	11.82	<i>Express.</i>	
Kollock, W. E.	7.50	Adams Express Co.	15.55
Littlefield, T. E.	45.52	United States Express Co.	2.45
Macomber & Co., H. S.	31.21	Total	18.00
Malder Electric Co.	10.56		
Mollins, Thos. E.	9.00		
Moulton & Co., C. W.	278.00		
National Coal Tar Co.	621.57		
New England Oil Co.	112.50		

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907, \$82,500"—Continued.

Name.	Amount.	Name.	Amount.
<i>Telegraph.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
Postal Telegraph Cable Co.....	\$4.28	Boston Optical Co.....	\$30.00
Western Union Telegraph Co.....	14.20	Feast & Co., H. B.....	81.60
Total.....	18.48	Frost & Co., H. L.....	4,400.00
<i>Telephone.</i>		Hallock, W. G.....	8.00
New England Telephone and Tele- graph Co.....	113.23	Hantley, E. B.....	36.00
Total.....		Pullman, E. J.....	6.40
		Whitall Tatum Co.....	41.29
		Total.....	4,603.29
<i>Rent.</i>		<i>Travel and station and field expenses.</i>	
Bent, W. A.....	10.00	Couden, F. D.....	61.52
Cotting, Charles E., trustee.....	29.17	Crawford, J. C.....	93.85
Dwyer, Julia E.....	100.00	Howard, L. O.....	258.50
Tremont Building (trustees).....	641.67	Lame, G. E.....	33.15
Total.....	780.84	McIntyre, H. L.....	63.02
<i>Gas and electricity.</i>		Murphy, D. G.....	8.20
Malden Electric Co.....	4.75	Ripley, Wm. G.....	58.05
Total.....		Rogers, Dexter M.....	617.33
		Titus, E. S. G.....	200.89
		Vinton, Harry W.....	238.97
		Total.....	1,633.48
Total amount of appropriation.....			\$82,500.00
Total expenditures under above groups.....			81,883.37
Unexpended balance.....			616.63

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907-8, \$150,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Ahearn, Wm. J.....	Laborer, at \$2 per diem.....	\$49.50	
Babcock, Bert.....	do.....	40.00	
Banks, Howard F.....	do.....	42.00	
Beal, Maurice.....	do.....	30.00	
Bent, Wm. A.....	do.....	45.50	
Berrett, Edward J.....	do.....	26.00	
Beucler, John L.....	do.....	30.00	
Bishop, Wiley L.....	do.....	25.50	
Boardman, Chester E.....	Laborer, at \$2, and scout, at \$2.40 per diem.....	43.35	
Breen, Frank H.....	Laborer, at \$2 per diem.....	7.00	
Breen, Harry E.....	do.....	44.25	
Brennan, Thos. E.....	do.....	51.25	
Breslin, Lewis C.....	do.....	48.00	
Briggs, Chas. A.....	do.....	49.25	
Briggs, James E.....	do.....	35.75	
Brogan, John F.....	do.....	43.00	
Brown, Bliss S.....	do.....	6.00	
Brown, Harry A.....	do.....	43.50	
Bryant, Arthur.....	do.....	52.00	
Bryant, Fred W.....	do.....	22.00	
Burnett, John W.....	do.....	35.75	
Butters, Walter R.....	do.....	44.75	
Callan, Joseph J.....	do.....	49.00	
Cannam, John W.....	do.....	17.75	
Canney, Joseph.....	do.....	48.00	
Carey, Thos. J.....	do.....	52.00	
Carey, Wm.....	do.....	14.00	



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907-8, \$150,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Cassell, Matthew	Laborer, at \$2 per diem	\$40.00	
Champagne, G. J.	do.	19.50	
Chandler, Frank A.	do.	50.00	
Chatfield, Daniel	do.	11.75	
Clements, George F.	do.	14.00	
Coholan, Wm.	do.	45.75	
Collins, Daniel J.	do.	6.00	
Colombe, Louis R.	do.	50.00	
Cook, Frank A.	do.	35.00	
Cook, Louis E.	do.	39.00	
Cook, Perley D.	do.	46.00	
Coyne, James J.	do.	39.00	
Crayton, John S.	do.	52.00	
Crowell, Harry J.	do.	9.25	
Crowley, C.	do.	39.50	
Cunningham, John H.	Laborer, at \$2, and scout, at \$2.40 per diem	53.35	
Danchym, Richard J.	Laborer, at \$2 per diem	46.00	
Darragh, Wm. H.	Laborer, at \$2, and scout, at \$2.40 per diem	49.75	
Dillon, Joseph J.	Laborer, at \$2 per diem	35.50	
Doherty, Daniel F.	do.	47.75	
Doherty, Francis J.	do.	39.75	
Dolen, John	do.	46.00	
Donnelly, Geo. H.	do.	48.00	
Donovan, John F.	do.	42.00	
Doucette, Anthony	do.	50.00	
Doucette, L.	do.	38.00	
Dowden, Samuel H.	do.	43.75	
Doyle, Edward	do.	48.00	
Doyle, Frank P.	do.	45.50	
Dunbar, H. Walter	do.	52.00	
Eagleston, Thos. J.	do.	16.50	
Elliot, Geo. W.	do.	46.00	
Estabrook, Walter	do.	5.75	
Evans, E. Dudley	do.	6.00	
Farrey, James P.	do.	50.00	
Farrington, Geo. A.	do.	46.75	
Feener, Fred	Laborer, at \$2, and scout, at \$2.40 per diem	48.00	
Feeney, Michael H.	Laborer, at \$2 per diem	46.00	
Feeney, Thos. W.	do.	48.00	
Fitzpatrick, J. C.	do.	34.75	
Foley, Thos. F.	do.	42.00	
Foster, Walter E.	do.	50.00	
Frazier, Daniel	do.	46.00	
Fredrikson, Emil	do.	26.00	
Geoghegan, Chas. J.	do.	40.25	
Gould, James	do.	47.00	
Graves, F. W., jr.	Laborer, at \$2, and scout, at \$2.40 per diem	50.00	
Griffin, Albert	Laborer, at \$2 per diem	2.00	
Guppy, Chester A.	do.	45.00	
Hale, Horace	do.	48.00	
Halpin, Wm.	do.	42.00	
Hanson, Chas. R. W.	do.	44.00	
Harney, Joseph P.	do.	42.75	
Harrington, R. F.	Laborer, at \$2, and scout, at \$2.40 per diem	44.35	
Harris, Chas.	Laborer, at 2 per diem	37.75	
Harris, G. N., jr.	do.	48.50	
Hawkes, Albert F.	do.	48.00	
Hayes, Daniel J.	do.	46.50	
Heaton, Walter	do.	27.00	
Herbert, Edwin H.	do.	42.00	
Herbert, Henry K.	do.	52.00	
Holmes, Frank J.	do.	25.75	
Hopkins, R. D.	do.	15.75	
Jenkins, Arthur F.	do.	16.00	
Johnson, Joseph F.	do.	2.00	
Johnston, John J.	do.	1.75	
Joll, Walter	do.	50.00	
Julien, Simon	do.	52.00	
Kallenberg, J. C.	do.	35.00	
Keating, Patrick	do.	48.00	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907-8, \$150,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kehoe, Wm. H.	Laborer, at \$2 per diem	\$39.00	
Kelliher, Wm. J.	do.	43.00	
Kelley, Isaiah F.	do.	49.00	
Kennedy, Robt. W.	do.	52.00	
Kettell, Geo. H.	do.	52.00	
Kimball, Lyman L.	do.	45.00	
Lapham, Frank K.	do.	12.00	
Laughlin, Jerry	do.	45.75	
Legro, Elmer E.	do.	41.50	
Litchfield, E. E.	do.	41.00	
Long, Clarence M.	do.	46.00	
Loveland, D. E.	do.	12.00	
McCarron, Frank P.	do.	50.00	
McGowan, Chas. F.	do.	51.25	
McHugh, Thos.	do.	43.00	
McKenna, Simon	do.	48.00	
McLaughlin, Ralph L.	do.	45.25	
McMahon, Frank R.	do.	1.00	
McMahon, Thomas	do.	49.75	
Mahoney, James	do.	52.00	
McMan, Will.	do.	46.00	
Marshall, Ernest L.	do.	24.00	
Meuse, Joseph F.	do.	50.00	
Meuse, Reuben	do.	50.00	
Michell, William	do.	17.75	
Middleton, Wilfred	do.	47.25	
Miller, Geo. A.	do.	51.25	
Mitchell, John H.	do.	14.00	
Mixer, Everett L.	do.	2.00	
Murphy, Jeremiah	do.	48.00	
Murray, Jeremiah F.	do.	48.00	
Nassif, James	do.	52.00	
Neiss, Fred J.	do.	50.00	
Neiss, John L.	do.	45.25	
Nelligan, John P.	do.	50.25	
Newbegin, Guy M.	do.	47.00	
Newbegin, Irving B.	do.	51.50	
Norton, Frank A.	do.	44.00	
O'Connell, Joseph T.	Laborer, at \$2, and scout, at \$2.40 per diem	41.20	
Pearsons, Frank C.	Laborer, at \$2 per diem	22.00	
Pierce, Gardner M.	do.	52.00	
Pratt, Clifford	Laborer, at \$2, and scout, at \$2.40 per diem	44.00	
Pratt, F. Burton	Laborer, at \$2 per diem	4.00	
Prentiss, Amory	do.	49.25	
Ramsdell, Herbert A.	do.	50.00	
Randall, Horace A.	do.	35.75	
Raymond, Edward L.	do.	2.00	
Reardon, John F.	do.	40.00	
Reed, Edward F.	do.	48.00	
Reynolds, Geo. C.	do.	47.75	
Riley, Hugh E.	do.	34.00	
Riley, Harry J.	do.	51.75	
Riley, Michael J.	do.	49.00	
Rooney, James H.	do.	30.00	
Rooney, Thos. F.	do.	35.75	
Russell, Seth H.	do.	52.00	
Ryan, Edward F.	do.	43.00	
Ryan, Geo. H.	do.	40.50	
Sarsfield, Wm.	do.	48.00	
Saunders, Wm. P.	do.	46.75	
Scott, John W.	Laborer, at \$2, and scout, at \$2.40 per diem	52.10	
Sennott, Maurice	Laborer, at \$2 per diem	35.00	
Singleton, R. L.	do.	42.50	
Soles, Geo. W.	do.	43.75	
Spencer, Wm. T.	do.	49.00	
Stevens, Roscoe	do.	49.75	
Storey, Chester W.	do.	41.00	
Sullivan, Daniel J.	do.	52.00	
Sullivan, Edward A.	do.	48.00	
Tape, John F.	do.	2.00	
Tarr, John	do.	36.50	
Taylor, Oscar E.	do.	47.25	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907-8, \$150,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Thompson, Frank S.....	Laborer, at \$2 per diem.....	\$48.00	
Tingley, Freeman R.....	do.....	15.25	
Toth, Terence.....	do.....	38.00	
Tracy, Patrick H.....	do.....	50.00	
Waitt, Fred C.....	do.....	50.00	
Walsh, Joseph.....	do.....	14.75	
Webber, John W.....	do.....	47.25	
Welch, James B.....	do.....	50.00	
Wheeler, Wm. J.....	do.....	38.50	
Whitehead, Geo. D.....	Laborer, at \$2, and scout, at \$2.40 per diem.....	44.00	
Wiley, Edward H.....	Laborer, at \$2 per diem.....	27.00	
Williams, King.....	do.....	46.00	
Williamson, Albert J.....	do.....	2.00	
Wilson, Chas. F. R.....	do.....	40.50	
Woodis, Hiram.....	do.....	46.00	
Copson, John.....	Scout, at \$2.40 per diem.....	54.00	
Geary, Carlton W.....	Toolkeeper, at \$2.50 per diem.....	62.50	
Atkinson, Wm.....	Foreman, at \$2.50 per diem.....	65.00	
Buckley, Daniel F.....	do.....	63.44	
Darragh, Joseph H.....	Foreman, at \$2.50 and \$2.80 per diem.....	59.82	
Freeman, Wm. H.....	Foreman, at \$2.50 per diem.....	62.50	
Glennon, John F.....	do.....	64.06	
McCarthy, Daniel.....	do.....	65.00	
McGilley, Chas. J.....	do.....	64.38	
Martin, John J.....	do.....	65.00	
Mollins, Thos. E.....	do.....	58.13	
Rodgers, Thos. S.....	do.....	62.50	
Stevens, Chas. W.....	do.....	65.00	
McIntyre, Henry L.....	Foreman, at \$2.80 per diem.....	61.57	
Merrill, Geo. E.....	do.....	32.20	
Ripley, Wm. G.....	do.....	57.68	\$8.20
Shanahan, Jeremiah.....	do.....	37.20	
Lame, Gilbert E.....	General foreman, at \$3 per diem.....	78.00	
Clifford, Henry H.....	Engineer, at \$2.80 per diem.....	42.00	
Penniman, L. E.....	do.....	47.60	
Wyman, Oscar L.....	do.....	44.80	
Total.....		8,325.23	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907-8, \$150,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture.</i>		<i>Travel and station and field expenses.</i>	
Library Bureau.....	\$42.50	Howard, L. O.....	\$225.00

Total amount of appropriation..... \$150,000.00  
 Total expenditures under above groups..... 8,592.73

Unexpended balance on June 30, 1907, which is available during fiscal year 1908..... 141,407.27



## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Prevention of spread of moths, 1907-8, \$150,000"—Continued.

## RECAPITULATION.

Statutory salaries.....	\$19,443.34
Lump-fund salaries:	
In Washington.....	40,915.58
Outside of Washington.....	123,729.91
Stationery.....	993.43
Miscellaneous supplies and services, equipment, books, machinery, etc.....	18,773.31
Furniture.....	924.18
Fuel.....	39.00
Freight.....	599.36
Express.....	386.37
Telegraph.....	234.05
Telephone.....	214.38
Rent.....	2,563.77
Gas and electricity.....	97.25
Apparatus, instruments, and laboratory material.....	9,220.52
Travel and station and field expenses.....	26,835.03
<b>Total.....</b>	<b>244,969.48</b>
Advances to temporary disbursing agents.....	3,524.62
<b>Total expenditures for entire Bureau of Entomology.....</b>	<b>248,494.10</b>
Total amount of appropriations.....	412,110.00
Total expenditures under above groups.....	248,494.10
Unexpended balance.....	163,615.90
Balance under "Prevention of spread of moths, 1907-8," on June 30, 1907, available during fiscal year 1908.....	141,407.27
Balance.....	22,208.63
Repayments to credit of appropriations.....	18.23
Net unexpended balance on September 30, 1907.....	22,226.86
Outstanding liabilities (estimated).....	367.59
Balance to be turned back in Treasury (estimated).....	21,859.27

## PROJECTS.

The principal projects conducted by the Bureau of Entomology during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

*Entomological investigations.*

Importations of useful insects.....	\$2,500.00
Forest insect investigations.....	10,590.00
Deciduous fruit insect investigations.....	11,150.00
Investigations of insects injurious to vegetable crops and stored products...	6,000.00
Cereal and forage plant insect investigations.....	7,790.00
Scale insect investigations.....	6,000.00
Investigations into the life history of the cattle tick.....	1,500.00
Experimental work with insecticides.....	3,000.00
Investigations of insects in their direct relation to the health of man....	1,250.00
Silk investigations.....	5,300.00
Agricultural investigations.....	8,000.00
Investigations of insects affecting cotton.....	2,000.00
Miscellaneous investigations and other work.....	3,973.66
Balance unexpended.....	946.34
<b>Total.....</b>	<b>70,000.00</b>

*Cotton boll weevil investigations.*

Work in Texas against the cotton boll weevil and the cotton bollworm... \$51,829.91	\$51,829.91
Work in Louisiana against the cotton boll weevil.....	4,320.82
Investigation and importation of the Guatemalan ant.....	8,707.42
Balance unexpended.....	20,141.85
<b>Total.....</b>	<b>85,000.00</b>

## BUREAU OF BIOLOGICAL SURVEY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Biological Survey, 1907, \$7,580."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Merriam, C. Hart.....	Chief of Bureau, at \$3,000.....	\$3,000.00	\$1,109.83
Oberholser, H. C.....	} Clerk, class 1.....	800.00	
Thompson, E. J.....		400.00	
Kent, N. H.....	Clerk, at \$1,000.....	1,000.00	
Milligan, C. B.....	do.....	1,000.00	
Ernshaw, Frank L.....	} Clerk, at \$900.....	225.00	
Emerson, Edith O.....		37.50	
Thompson, E. J.....		600.00	
Fisher, Della.....	Laborer, at \$480.....	480.00	
Total amount of appropriation.....			\$7,580.00
Total amount paid for salaries.....			7,542.50
Unexpended balance.....			37.50

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Biological investigations, 1907, \$44,420."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Henshaw, H. W.....	Administrative biologist, at \$2,750.....	\$2,750.00	
Bailey, Vernon.....	Assistant biologist, at \$2,500.....	2,500.00	\$927.74
Fisher, A. K.....	do.....	2,500.00	
Palmer, T. S.....	do.....	2,500.00	307.06
Beal, F. E. L.....	Assistant biologist, at \$2,400.....	2,400.00	646.26
Oldys, Henry.....	Assistant biologist, at \$1,800.....	1,800.00	27.69
Osgood, W. H.....	do.....	1,800.00	116.69
Preble, E. A.....	Assistant biologist, at \$1,600.....	1,333.33	
Howell, A. H.....	Assistant biologist, at \$1,500.....	1,500.00	701.25
Lantz, D. E.....	do.....	1,500.00	4.98
Morrison, A. B.....	Assistant biologist, at \$1,400.....	1,353.33	
Cooke, W. W.....	Assistant biologist and migration expert, at \$1,200.....	550.00	
McAtee, W. L.....	Assistant biologist, at \$1,000.....	1,000.00	
Williams, R. W., jr.....	Game law assistant, at \$1,400.....	1,108.33	
Oberholser, H. C.....	Assistant ornithologist, at \$1,200.....	300.00	
Hollister, N.....	Expert, at \$1,200.....	1,200.00	
Barrett, J. L.....	Expert taxidermist, at \$900.....	900.00	
Emerson, Edith O.....	Clerk, at \$840.....	140.00	
De Riemer, W. E.....	Clerk and labeler, at \$660.....	130.17	
Pollard, Agnes L.....	Clerk and labeler, at \$600.....	150.00	
Carter, Alonzo.....	Painter, at \$3.50 per diem.....	17.50	
Davis, Fritz C.....	do.....	17.50	
Ward, L. C.....	Messenger, at \$480, and messenger boy, at \$600.....	510.00	
Harris, Louisa.....	Charwoman; at \$20 per month.....	20.00	
Total.....		27,980.16	
<i>Out of Washington.</i>			
Nelson, E. W.....	Chief field naturalist, at \$2,400.....	2,400.00	
Goldman, F. A.....	Field naturalist, at \$1,600.....	1,600.00	268.92
Bunnell, Sterling.....	Field naturalist, at \$100 per month.....	100.00	94.52
Cary, Merritt.....	Assistant biologist, at \$1,200.....	1,200.00	717.30
Piper, Stanley E.....	Scientific assistant, at \$1,200.....	1,200.00	561.32
Baily, Wm. L.....	Expert inspector of foreign birds and animals, at \$5 per inspection.....	15.00	
Bowdish, B. S.....	do.....	210.00	
Dutcher, Wm.....	do.....	150.00	

## BUREAU OF BIOLOGICAL SURVEY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Biological investigations, 1907, \$44,420"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Eastgate, Alfred.....	Warden, at \$1 per month.....	\$12.00	.....
Kroegel, Paul.....	do.....	12.00	.....
Pillsbury, Asa N., jr.....	do.....	12.00	.....
Sprinkle, W. M.....	do.....	12.00	.....
Total.....		6,923.00	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Biological investigations, 1907, \$44,420"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Andrews Paper Co., R. P.....	\$39.76	Lansburgh & Bro.....	\$1.75
Contingent expenses, Department of Agriculture.....	246.22	Lemour, F.....	12.00
Lamb & Tilden.....	1.00	Lilly, B. V.....	88.75
Library Bureau.....	60.15	McKechnie, F. B.....	40.00
Lincoln, Fred S.....	130.96	Martinez, Marcus.....	25.00
Morrison Paper Co., E.....	14.25	May & Co., F. P.....	35.75
Schmidt, Fred A.....	39.05	Minnix Co. (Incorporated), N. M.....	5.00
Stockett, Fiske, Co.....	3.00	Multum in Parvo Binder Co.....	3.50
Stott & Co., Chas. G.....	46.90	Muth & Co., Geo. F.....	5.10
Swayze, W. L.....	20.10	Pazjk, Francis J.....	26.00
United States Envelope Co.....	60.68	Peabody, P. B.....	4.95
Total.....	662.07	Portland Bird Importing Co.....	13.50
<i>Miscellaneous supplies, etc.</i>		Randolph Paper Box Co.....	7.75
American Entomological Co.....	37.90	Rau, John C.....	9.04
Barber & Ross.....	3.45	Remington Typewriter Co.....	86.25
Barrett, Geo. A.....	20.00	Richardson, C. H., jr.....	3.00
Becker, C.....	12.00	Rosenberg, W. F. II.....	30.90
Beers, H. W.....	16.25	Rudolph & West Co.....	23.15
Biord, Hans.....	1.52	Seals, Chas. D.....	.75
Brown Bag Filling Machine Co.....	2.25	Sharp, Grover.....	17.05
Burton, R. C. M.....	1.50	Shoup, Arthur G.....	27.00
Church & Stephenson.....	92.57	Smith, C. H.....	11.00
Colt, Will C.....	.55	Snyder, W. E.....	8.85
Crevoceour, F. F.....	2.00	Southern Printers Supply Co.....	.90
Dulin & Martin.....	1.25	Spier, Geo. W.....	2.50
Du Perow, M.....	13.75	Stephens, Frank.....	24.50
Duprey, H. F.....	14.35	Stokes, John.....	5.90
Emerson, W. O.....	15.00	Tavenor, P. A.....	19.60
Ergood & Co., J. C.....	.88	Wagner, Wm.....	68.40
Folger, A. H.....	12.10	Wanamaker, John.....	18.00
Fowler, Fred.....	13.30	Waslwy, S. G.....	5.75
Fuertes, Louis Agassiz.....	120.00	Wilkinson, J. J.....	15.70
Goldsmith, I. S.....	4.00	Woodward & Lothrop.....	14.57
Gunn, J. M.....	7.50	Worthington, W. W.....	62.35
Hazleton, E. P.....	40.00	Total.....	1,263.28
Horsfall, Bruce.....	30.00	<i>Furniture.</i>	
Jenkins, Chas. S.....	10.00	Hoeke, W. H.....	13.00
Jones, James.....	9.00	Lansburgh Furniture and Carpet Co.....	38.50
Joyce Engraving Co., Maurice.....	5.58	Library Bureau.....	45.25
Kempf, Jacob.....	42.60	Lincoln, Fred S.....	157.97
Kinney, N. L.....	2.00	Moses & Sons, W. B.....	157.42
Kinsey, F. Allen.....	1.00	Woodward & Lothrop.....	26.68
Klugh, A. B.....	10.05	Yawman & Erbe Manufacturing Co.....	21.75
Lamb & Tilden.....	26.83	Total.....	460.57
Lambert, Chas. A.....	5.15		



## BUREAU OF BIOLOGICAL SURVEY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Biological investigations, 1907, \$44,420"—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
Baltimore and Ohio R. R. Co.....	\$9.35	Bausch & Lomb Optical Co.....	\$49.83
Littlefield, Alvord & Co.....	.52	Feast & Co., H. D.....	10.90
Lloyd Transfer Co.....	.25	Gilman, Z. D.....	17.31
Pennsylvania R. R. Co.....	2.37	Green, Henry J.....	4.30
Total.....	12.49	Lecse, M. A.....	4.88
<i>Express.</i>		Mackall Bros.....	35.81
Adams Express Co.....	155.88	Pullman, E. J.....	176.96
Roosa, I. P.....	1.38	Sheetz, W. Silas.....	72.30
United States Express Co.....	47.12	Spencer Lens Co.....	7.60
Total.....	204.38	Wagner Photo. Co., H. G.....	1.25
<i>Telegraph.</i>		Total.....	381.14
Postal-Telegraph Cable Co.....	14.86	<i>Travel and station and field expenses.</i>	
Western Union Telegraph Co.....	38.08	Bailey, Vernon.....	927.74
Total.....	52.94	Beal, F. E. L.....	646.26
<i>Telephone.</i>		Bunnell, Sterling.....	94.52
Chesapeake and Potomac Tel. Co.....	12.92	Cary, Merritt.....	717.30
Total.....	12.92	Goldman, E. A.....	268.92
		Howell, A. H.....	701.25
		Lantz, D. E.....	4.98
		Merriam, C. Hart.....	1,109.83
		Oldys, Henry.....	27.69
		Osgood, W. H.....	116.69
		Palmer, T. S.....	307.06
		Piper, Stanley E.....	561.32
		Total.....	5,483.56
Total amount of appropriation.....	\$44,420.00		
Total expenditures under above groups.....	43,436.51		
Unexpended balance.....	983.49		
Repayment to credit of appropriation.....	3.89		
Net unexpended balance.....	987.38		
RECAPITULATION.			
Statutory salaries.....	\$7,542.50		
Lump-fund salaries in Washington.....	27,980.16		
Lump-fund salaries outside of Washington.....	6,923.00		
Stationery.....	662.07		
Miscellaneous supplies and services, equipment, books, machinery, etc.....	1,263.28		
Furniture.....	460.57		
Freight.....	12.49		
Express.....	204.38		
Telegraph.....	52.94		
Telephone.....	12.92		
Gas and electricity.....	—		
Apparatus, instruments, and laboratory material.....	381.14		
Travel and station and field expenses.....	5,483.56		
Total for entire Bureau of Biological Survey.....	50,979.01		
Total amount of appropriations.....	52,000.00		
Total expenditures under above groups.....	50,979.01		
Unexpended balance.....	1,020.99		
Repayment to credit of appropriation.....	3.89		
Net unexpended balance September 30, 1907.....	1,024.88		
Outstanding liabilities (estimated).....	470.00		
Balance to be turned back in Treasury (estimated).....	554.88		

## BUREAU OF BIOLOGICAL SURVEY—Continued.

## PROJECTS.

The principal projects conducted by the Bureau of Biological Survey during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

U. S. No. 7, B. S. No. 1.	Mapping life and crop zones.....	\$9, 772
U. S. No. 8, B. S. No. 2.	Biological survey of California.....	2, 875
U. S. No. 10, B. S. No. 3.	Biological survey of New Mexico.....	1, 195
U. S. No. 273, B. S. No. 4.	Biological survey of Colorado.....	1, 267
U. S. No. 9, B. S. No. 5.	Biological survey of Texas.....	900
U. S. No. 264, B. S. No. 6.	} No expenditure.	
U. S. No. 11, B. S. No. 8.		
U. S. No. 19, B. S. No. 9.	Food habits of birds.....	2, 700
U. S. No. 21, B. S. No. 10.	Relation of birds to cotton boll weevil.....	1, 328
U. S. No. 20, B. S. No. 11.	Food habits of California birds with reference to fruit industry.....	2, 250
U. S. No. 24, B. S. No. 13.	No expenditure.	
U. S. No. 22, B. S. No. 14.	Food of aquatic game birds.....	15
U. S. No. 18, B. S. No. 16.	Bird migration.....	600
U. S. No. 6, B. S. No. 17.	Relations of mammals to agriculture.....	1, 850
U. S. No. 12, B. S. No. 18.	No expenditure.	
U. S. No. 13, B. S. No. 19.	Importation of animals, birds, and of birds' eggs.....	1, 575
U. S. No. 14, B. S. No. 20.	Publication concerning game birds.....	3, 240
U. S. No. 15, B. S. No. 21.	Protection of game and birds.....	500
U. S. No. 15, B. S. No. 22.	Reservations and game refuges.....	48
U. S. No. 17, B. S. No. 23.	No expenditure.	
U. S. No. —, B. S. No. 24.	Destruction of ground squirrels, including study of bacterial diseases.....	1, 100
U. S. No. —, B. S. No. 25.	Relation of wolves and other mammals to stock raising.....	485
U. S. No. —, B. S. No. 26.	Fox farming.....	266
Total.....		31, 966

## DIVISION OF ACCOUNTS AND DISBURSEMENTS.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Division of Accounts and Disbursements, 1907, \$32,210."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Zappone, A.....	Chief of division and disbursing clerk, at \$2,750.	\$2, 750. 00	
Calvert, E. B.....	Assistant chief of division, at \$2,500.....	2, 500. 00	\$47. 50
Yerby, E. D.....	Auditor, at \$2,000.....	2, 000. 00	
Fagan, M. E.....	Cashier, at \$1,800.....	1, 800. 00	
Smith, A. W.....	Clerk, class 4.....	1, 800. 00	
Cox, F. C.....	Clerk, class 3.....	1, 600. 00	
Jones, W. W.....	do.....	1, 600. 00	
Montgomery, Anna.....	do.....	1, 600. 00	
Harrington, L. F.....	Clerk, class 2.....	1, 400. 00	
Hubbard, N. S. B.....	do.....	1, 400. 00	
Legge, F. W.....	do.....	1, 400. 00	
McCutchen, M.....	do.....	1, 400. 00	
Nevius, W. J.....	do.....	1, 400. 00	
Wagner, F. H.....	do.....	1, 400. 00	
Dodson, B. M.....	Clerk, class 1.....	1, 200. 00	
Gould, E. D.....	do.....	1, 200. 00	
Berryhill, M. B.....	Clerk, at \$1,000.....	1, 000. 00	
Haskell, Sadia.....	do.....	1, 000. 00	
Handy, R. B., jr.....	Clerk, at \$720.....	720. 00	
Brown, G. S.....	do.....	80. 00	
Cooksey, Harry B.....	do.....	444. 00	
Hollingshead, J. S.....	do.....	139. 00	
Sherfy, R.....	do.....	24. 00	

## DIVISION OF ACCOUNTS AND DISBURSEMENTS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Division of Accounts and Disbursements, 1907, \$32,210"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Dykes, J. W. ....	Clerk at \$720 .....	\$646.00	.....
McKericher, J. W. ....	do .....	62.00	.....
Murray, W. A. ....	Custodian of files, at \$1,000 .....	1,000.00	.....
Medley, T. C. ....	Clerk, at \$600 .....	600.00	.....
Total amount of appropriation .....			\$32,210.00
Total amount paid for salaries .....			32,165.00
Unexpended balance .....			45.00

## DIVISION OF PUBLICATIONS.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Division of Publications, 1907, \$116,270."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Hill Geo. Wm. ....	Editor and chief, at \$3,000 .....	\$3,000.00	.....
Arnold, Jos. A. ....	Editor and assistant chief, at \$2,250 .....	2,250.00	.....
Stallings, B. D. ....	Associate editor, at \$2,000 .....	2,000.00	.....
Greathouse, C. H. ....	Assistant in charge of indexing, at \$1,800 .....	1,800.00	.....
Cornman, Ephraim .....	Assistant editor, at \$1,600 .....	1,600.00	.....
Harding, W. F. ....	do .....	1,600.00	.....
Thornton, S. Edwin .....	Editorial clerk, at \$1,600 .....	1,595.56	.....
Kennedy, G. W. ....	Editorial clerk, at \$1,400 .....	1,400.00	.....
Williams, L. S. ....	Assistant in charge of illustrations, at \$2,000 .....	2,000.00	\$231.50
Boettcher, A. B. ....	Draftsman, at \$1,500 .....	1,500.00	.....
Baker, J. N. ....	Draftsman, at \$1,400 .....	116.66	.....
Stevenson, J. H. ....	do .....	1,283.34	.....
Blanchard, F. W. S. ....	do .....	1,400.00	.....
Baker, J. N. ....	Draftsman, at \$1,200 .....	1,100.00	.....
Stevenson, J. H. ....	do .....	100.00	.....
Mudd, A. I. ....	Chief clerk, at \$1,800 .....	1,800.00	.....
Chapman, Harriet B. ....	Clerk, class 1. ....	1,200.00	.....
Edwards, M. E. ....	do .....	1,200.00	.....
Nichols, I. J. ....	do .....	1,200.00	.....
Stoddard, M. C. ....	do .....	1,200.00	.....
Thorn, M. E. ....	do .....	1,200.00	.....
Barnum, Mary E. ....	Clerk, at \$1,000 .....	1,000.00	.....
Bryan, Emily F. ....	do .....	41.67	.....
Miller, Anna E. ....	do .....	958.33	.....
Clark, Blanche B. ....	do .....	1,000.00	.....
Goodchild, M. A. ....	do .....	1,000.00	.....
Kluge, Ethel L. ....	do .....	219.44	.....
Lawson, Laura B. ....	do .....	780.56	.....
Strong, Blanche. ....	do .....	1,000.00	.....
Handy, R. B. ....	Assistant in charge of document section, at \$2,000 .....	2,000.00	.....
Cleary, F. J. P. ....	Assistant in document section, at \$1,400 .....	1,400.00	.....
Riley, John O. ....	Assistant in document section, at \$1,200 .....	1,200.00	.....
Hendrix, J. H. ....	Foreman in document section, at \$1,400 .....	1,400.00	.....
Walter, H. S. ....	Foreman, Farmers' Bulletin distribution, at \$1,200 .....	1,200.00	.....
Bracey, C. E. ....	Chief folder, at \$1,000 .....	1,000.00	.....
Lawlor, L. D. ....	Folder, at \$900 .....	900.00	.....
Buckley, Margaret .....	Folder, at \$840 .....	840.00	.....
Gordon, William .....	do .....	840.00	.....
Parker, Annie. ....	do .....	840.00	.....
Lawson, Laura B. ....	Clerk, at \$900 .....	197.50	.....
Tull, Ava J. ....	do .....	702.50	.....



## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Division of Publications, 1907, \$116,270"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Burlingame, S. A.	Clerk, at \$840.	\$840.00	
Carpenter, Stella L.	do.	840.00	
Danforth, M. S.	do.	660.33	
Whittemore, Sarah A.	do.	175.00	
Plant, Catharine P.	do.	840.00	
Smith, M. A. E.	do.	655.67	
Tull, Ava J.	do.	184.33	
Bane, Philena M.	Clerk, at \$720.	720.00	
Bowman, Grace L.	do.	720.00	
Chase, Florence A.	do.	720.00	
Daniels, M. A.	do.	720.00	
Duke, A. L.	do.	720.00	
Dunford, Annie.	do.	720.00	
Galloway, Maud P.	do.	720.00	
Haas, C. B.	do.	720.00	
Kammerer, M. M.	do.	710.00	
King, Minnesota J.	do.	720.00	
Lewis, Ella	do.	150.00	
Whittemore, Sarah A.	do.	570.00	
Merriam, Lucy R.	do.	720.00	
Moore, F. B.	do.	720.00	
Moseley, M. M.	do.	720.00	
Murray, Anne R.	do.	562.00	
Randall, Goldie M.	do.	58.00	
Smith, M. A. E.	do.	158.00	
Myer, Alice	do.	720.00	
Nelson, Ella M.	do.	720.00	
Penfield, Cora A.	do.	720.00	
Powell, Emily	do.	720.00	
Price, Almira	do.	720.00	
Rahn, M. B.	do.	720.00	
Roe, Ida M. B.	do.	720.00	
Ross, Matilda	do.	720.00	
Saunders, Catherine	do.	720.00	
Abernethy, Mary A.	Clerk, at \$600.	5.00	
Bowdle, A. B.	do.	50.00	
Bryan, Emily F.	do.	400.00	
Carter, Susie E.	do.	15.00	
Reece, Viola E.	do.	11.67	
Taylor, A. R.	do.	53.33	
Armstrong, Marion	do.	148.33	
Bowling, Mary E.	do.	100.00	
Donahue, J. J.	do.	223.33	
Gregor, J. J.	do.	100.00	
Barber, Fannie C.	do.	600.00	
Buffington, B. C.	do.	160.00	
Murray, Anne R.	do.	131.67	
Randall, Goldie M.	do.	251.66	
Connell, L.	do.	453.33	
Miller, Mary E.	do.	39.17	
Connor, J. A.	do.	600.00	
Drayton, Hester E.	do.	415.00	
Thompson, A. H.	do.	150.00	
Drennon, L. E.	do.	600.00	
Duffy, Winifred	do.	600.00	
Espita, Mamie	do.	589.99	
Gardner, L. A.	do.	600.00	
Gittings, Nellie B.	do.	600.00	
Greenstreet, Mary	do.	38.33	
Hoffman, Ethel P.	do.	300.00	
Thompson, A. H.	do.	248.33	
Hayes, Rose A.	do.	560.00	
Keating, C. G.	do.	558.33	
Kennon, G. G.	do.	565.00	
Mack, Ella S.	do.	600.00	
Miller, S. J.	do.	600.00	
Murphy, C. L.	do.	596.66	
Owens, Maud	do.	600.00	
Pattée, G. L.	do.	50.00	
Thode, Joachim	do.	550.00	
Phillips, Ella M.	do.	550.00	
Calhoun, K. B.	do.	50.00	
Rice, Nellie	do.	600.00	

## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Division of Publications, 1907, \$116,270"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Riggles, Bertha M.	Clerk, at \$600.	\$223.33	
Sullivan, Etta M.	do.	361.67	
Sexton, Martha A.	do.	600.00	
Shields, Elsie T.	do.	18.33	
Smith, Alice M.	do.	50.00	
Westlake, B. E.	do.	375.00	
Wright, Alice J.	do.	138.33	
Spaulding, K. O.	do.	600.00	
Sutton, Virginia.	do.	600.00	
Thorpe, J. A.	do.	600.00	
Wheelan, F. M.	do.	600.00	
Willson, A. R.	do.	600.00	
Wright, M. H.	do.	585.01	
Clime, W. S.	Photographer, at \$1,200.	1,200.00	
Bullock, J. E.	Assistant photographer, at \$840.	840.00	
Clement, John E.	Skilled laborer, at \$720.	520.00	
Towers, C. W.	do.	180.00	
Fowler, Lorena C.	do.	720.00	
King, Geo. W.	do.	720.00	
Martin, E. L.	do.	720.00	
Poff, Matt.	do.	720.00	
Wanstall, Harriett.	do.	720.00	
Williams, H. H.	do.	720.00	
Young, W. H.	do.	720.00	
Apperson, M. L.	Skilled laborer, at \$600.	600.00	
Augur, Laura.	do.	600.00	
Boernstein, Sig. G.	do.	75.00	
Jones, Vester S.	do.	475.00	
Buehne, August.	do.	85.00	
Goldsmith, B. H.	do.	263.33	
Puckett, Eulalia.	do.	100.00	
Calhoun, K. B.	do.	300.00	
Cleveland, M. L.	do.	68.33	
Ritchie, Ethel V.	do.	175.00	
Trudeau, E. L.	do.	38.33	
Danforth, L. V.	do.	600.00	
Daniels, Milton R.	do.	138.33	
Mulholland, M. B.	do.	456.67	
Emery, M. E.	do.	600.00	
Gill, A. B.	do.	600.00	
Grant, Cassius C.	do.	195.00	
Michaels, Manly M.	do.	250.00	
Youngblood, Wm. M.	do.	35.00	
Hoey, Jennie G.	do.	150.00	
Towers, C. W.	do.	450.00	
Laird, E. A.	do.	600.00	
Locke, Louisa K.	do.	111.67	
Quinn, Maggie.	do.	475.00	
Mulvahill, E.	do.	581.67	
Posey, Kate.	do.	585.00	
Roby, Hattie.	do.	590.00	
Smith, Ida G.	do.	600.00	
Turner, Amelia.	do.	600.00	
Twomey, John M.	do.	600.00	
Vrooman, M. S.	do.	600.00	
Payne, C. E.	Messenger, at \$840.	840.00	
Lewis, Ella.	Messenger, at \$720.	570.00	
Quinn, Maggie.	do.	150.00	
Peck, G. E.	do.	720.00	
Pfunder, Wm.	do.	40.00	
Phillips, C. E.	do.	240.00	
Barnette, Leon G.	Messenger, at \$660.	50.00	
Mee, Homer.	do.	455.00	
Nowlin, Robert, jr.	do.	50.00	
Carter, Joseph C.	Messenger, at \$600.	225.00	
Walter, Albert R.	do.	355.00	
Long, Michael.	do.	600.00	
Cleveland, Melvin D.	Messenger, at \$420.	122.50	
Collins, Leon W.	do.	52.50	
MacFate, Joseph W.	do.	234.50	
Daniels, Milton R.	do.	261.34	
Key, Richard C.	do.	96.83	

## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Division of Publications, 1907, \$116,270"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Lingle, Albert F. ....	Messenger, at \$420.....	\$21.00	.....
Long, Thomas J. ....	do.....	35.00	.....
Key, Richard C. ....	Messenger boy, at \$360.....	277.00	.....
Moore, L. W. ....	do.....	83.00	.....
Angelo, F. M. ....	Fireman, at \$720.....	480.00	.....
McGregor, John.....	do.....	190.00	.....
Total amount of appropriations.....		\$116,270.00	
Total amount paid for salaries.....		115,211.69	
Unexpended balance.....		1,058.31	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Publications, Department of Agriculture (Farmers' Bulletins), 1907, \$98,750."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Gatchel & Manning.....	\$104.85	Southern Printers' Supply Co.....	\$0.30
Graham, Louis P. ....	190.00	Total.....	514.14
Jones Engraving Co., H. P.....	21.12		
Joyce Engraving Co., M.....	143.87	<i>Printing and binding.</i>	
Manz Engraving Co., J.....	7.50	Public Printer.....	97.771.43
National Engraving Co.....	3.00		
Scientific Engraving Co.....	43.50		
Total amount of appropriation.....		\$98,750.00	
Total expenditures under above groups.....		98,285.57	
		464.43	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Publications, Department of Agriculture (artists, etc.), 1907, \$3,500."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Olszewski, Leopole.....	Draftsman, at \$4 per diem and \$1,200 per annum.	\$1,085.34	.....
Arnold, Mary D.....	Assistant, at \$720.....	720.00	.....
Carter, Joseph C.....	Skilled laborer, at \$480.....	300.00	.....
Tomlin, Robt. M.....	Messenger boy, at \$420.....	149.33	.....
Total.....		2,254.67	.....



## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Publications, Department of Agriculture (artists, etc.), 1907, \$3,500"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Express.</i>	
Atender & Sons, Theo.....	85.99	United States Express Co.....	\$2.45
Morrison Paper Co., E.....	22.27	<i>Apparatus, instruments, and labora-</i>	
Schmidt, Fred A.....	50.06	<i>tory material.</i>	
Smith, Geo. W.....	4.60	Bausch & Lomb Optical Co.....	2.25
Swayze, W. L.....	29.97	Eastman Kodak Co.....	25.00
Total.....	112.89	Feast & Co., H. D.....	27.06
<i>Miscellaneous supplies, etc.</i>		Gilman, Z. D.....	25.70
Bell Photo Co., C. M.....	1.00	Goerz American Optical Co.....	31.50
Du Perow, M.....	6.00	Haloid Company, The.....	46.40
Fuertes, Louis Agassiz.....	10.00	Mackall Bros.....	53.36
Gatchel & Manning.....	12.75	Pullman, E. J.....	428.41
Joyce Engraving Co., M.....	14.06	Schmidt, Fred A.....	17.00
Kowastch, C.....	60.00	Sheetz, W. Silas.....	4.00
Lisner, A.....	6.00	Smith, Geo. W.....	7.29
Muth & Co., Geo. F.....	126.99	Total.....	667.97
National Electrical Supply Co.....	32.00		
Randolph Paper Box Co.....	54.25		
Scientific Engraving Co.....	10.00		
Smith, Geo. W.....	8.63		
Southern Printers' Supply Co.....	7.80		
Total.....	349.48		

Total amount of appropriation.....	\$3,500.00
Total expenditures under above groups.....	3,337.46
Unexpended balance.....	112.54

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Publications, Department of Agriculture (labor, etc.), 1907, \$30,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Connell, L.....	Clerk, at \$900.....	\$207.50	
Pillow, Mary E.....	Clerk, at \$480.....	4.00	
Thompson, Augusta H.....	do.....	161.33	
Johnson, Willette M.....	Clerk, at \$1.50 per diem.....	144.00	
King, Roselia S.....	do.....	127.50	
Bayne, Patterson.....	Skilled laborer, at \$720 and \$840.....	830.00	
Sherwood, B. R.....	do.....	830.00	
Angelo, F. M.....	Skilled laborer, at \$720.....	240.00	
Phillips, C. E.....	do.....	480.00	
Snyder, Frank.....	do.....	720.00	
Boernstein, Sig. G.....	Skilled laborer, at \$2 and \$2.50 per diem.....	583.50	
Barnette, Leon G.....	Skilled laborer, at \$600.....	25.00	
Handy, John B.....	do.....	50.01	
Key, Mary T.....	do.....	483.33	
Noak, Louisa.....	do.....	600.00	
O'Neill, John J.....	do.....	415.00	
Alexander, Wm.....	Skilled laborer, at \$480.....	32.00	
Little, Peter P.....	Laborer, at \$1.50 per diem.....	43.50	
Perkins, Marion C.....	do.....	19.50	
Pyles, Edith M.....	do.....	36.00	
Townsend, Florence.....	do.....	18.00	
White, Wm. R.....	do.....	9.75	
Griffin, Milton R.....	Laborer, at \$720.....	720.00	
Sinclair, N. T.....	Laborer, at \$660.....	660.00	
Schaney, Edward.....	Laborer, at \$600.....	600.00	
Contee, Clarence.....	Laborer, at \$480.....	477.33	
Deakins, W. F.....	Messenger, at \$840.....	840.00	

## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Publications, Department of Agriculture (labor, etc.), 1907, \$30,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Munro, James	Messenger, at \$840	\$840.00	
Pfunder, Wm	Messenger, at \$720	30.00	
Bitting, Wm. H.	Messenger boy, at \$420	10.50	
Higgins, Hugh	do.	165.67	
McGrath, Gerold G.	do.	227.50	
Rohrman, Wm. H.	do.	24.50	
Martin, Benjamin	Watchman, at \$720 and \$840	599.00	
Adams, Jacob	Folder, at \$480	480.00	
Broadus, Charity	Charwoman, at \$480	480.00	
Meredith, Elizabeth	do.	480.00	
Baltimore, Catharine	Charwoman, at \$240	16.00	
Cleveland, M.	do.	20.00	
Dickson, Cornelia	do.	237.33	
Dyer, Hattie O.	do.	222.67	
Ross, Lillian	do.	219.33	
Total		13,409.75	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Publications, Department of Agriculture (labor, etc.), 1907, \$30,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies—Continued.</i>	
American News Co	\$2.10	May & Co., F. P.	\$12.00
Andrews Paper Co., R. P.	66.84	Monarch Typewriter Co.	80.05
Ballantyne, R. Carter	44.06	Muddiman & Co., C. A.	8.00
Contingent expenses, Department of Agriculture	78.37	Muth & Co., Geo. F.	2.10
Davison & Co., H. C.	18.00	National Electric Supply Co.	13.25
District of Columbia Paper Manufacturing Co.	40.32	Nawrath, J. P.	189.88
Eagle Pencil Co.	4.49	Oliver Machinery Co.	5.80
Elliott Co.	7.75	Potomac Electric Power Co.	12.00
Lamb & Tilden	19.89	Reilly, Hugh	2.15
Library Bureau	6.25	Remington Typewriter Co.	53.90
Lindemeyr, Philip	3.60	Rudolph & West Co.	68.80
Monarch Typewriter Co.	5.00	Schondam & Lynch	10.50
Parker, D. Frank	46.25	Seamark, Harry F.	7.00
Remington Typewriter Co.	38.40	Shore, Chas.	19.00
Swayze, W. L.	479.49	Thompson, C. W.	24.42
Union Envelope Co.	51.40	Topham, James C.	9.50
United States Envelope Co.	6,957.37	Typewriter and Office Supply Co.	3.00
Total	7,869.58	Underwood Typewriter Co.	86.00
		Van Fleet, C. W.	2.12
		Warner, L.	2.75
		Woodward & Lothrop	5.50
		Total	2,051.78
<i>Miscellaneous supplies.</i>		<i>Furniture.</i>	
Automatic Switchboard Co.	10.50	Elliott Co.	37.50
Barker & Kelly	2.50	Hoeke, W. H.	7.98
Baumgarten Co., Herman	1.25	Lansburgh & Bro.	1.50
Becker Co.	31.70	Lansburgh Furniture and Carpet Co., J.	12.00
Bernasco, Joseph	2.10	Library Bureau	255.00
Bowes, Thos. F.	100.00	Moses & Sons, W. B.	158.35
Church & Stephenson	153.04	Woodward & Lothrop	93.25
Dick Co., A. B.	61.00	Yawman & Erbe Manufacturing Co.	6.00
DuPerow, M.	10.90	Total	571.58
Edmonston, Chas. R.	3.60		
Elliott Co.	976.44	<i>Freight.</i>	
Ergood & Co., J. C.	10.72	Pennsylvania R. R. Co.	3.05
Forker & Co., C. A.	3.80		
Harris & Shafer Co.	6.45		
Heiskell & Co., P. H.	12.00		
Lamb & Tilden	21.11		
Lansburgh & Bro.	4.00		

## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Publications, Department of Agriculture (labor, etc.), 1907, \$30,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Express.</i>		<i>Rent—Continued.</i>	
Adams Express Co.....	\$7. 85	Washington Safe Deposit Co.....	\$60. 00
United States Express Co.....	4. 64	Total.....	5,060. 00
Total.....	12. 49	<i>Gas and electricity.</i>	
<i>Telegraph.</i>		Potomac Electric Power Co.....	651. 96
Postal Telegraph-Cable Co.....	. 68	Washington Gas Light Co.....	102. 40
Western Union Telegraph Co.....	2. 47	Total.....	754. 36
Total.....	3. 15	<i>Apparatus, instruments, and laboratory material.</i>	
<i>Telephone.</i>		Gilman, Z. D.....	4. 50
The Chesapeake and Potomac Telephone Co.....	46. 18	Mackall Bros.....	11. 68
<i>Rent.</i>		Meier Co., Geo.....	32. 00
Allen (Wm. H. H.) and Chas. W. Ricketts.....	5,000. 00	Total.....	48. 18

Total amount of appropriation.....	\$30,000. 00
Total expenditures under above groups.....	29,820. 10
Unexpended balance.....	179. 90

## RECAPITULATION.

Statutory salaries.....	115,211. 69
Lump-fund salaries, in Washington.....	15,664. 42
Stationery.....	7,982. 47
Miscellaneous supplies and services, equipment, books, machinery, etc.....	2,905. 40
Furniture.....	571. 58
Freight.....	3. 05
Express.....	14. 94
Telegraph.....	3. 15
Telephone.....	46. 18
Rent.....	5,060. 00
Gas and electricity.....	754. 36
Apparatus, instruments, and laboratory material.....	716. 15
Printing and binding.....	97,771. 43
Total for entire Division of Publications.....	246,704. 82
Total amount of appropriations.....	248,520. 00
Total expenditures under above groups.....	246,704. 82
Unexpended balance September 30, 1907.....	1,815. 18
Outstanding liabilities.....	0. 00
Balance to be turned back into Treasury.....	1,815. 18



## BUREAU OF STATISTICS.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Statistics, 1907, \$97,660."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Olmsted, Victor H.	Statistician, at \$3,500.	\$2,838.89	\$200.45
Clark, C. C.	Assistant statistician, at \$2,200.	1,784.44	416.15
Murray, Nat. C.	do.	354.45	1,217.05
Daugherty, C. M.	Editorial assistant, at \$2,300.	2,300.00	937.84
Lundy, E. J.	Chief clerk, at \$1,800.	1,800.00	
Blair, F. J.	Clerk, class 4.	1,800.00	
Bloodgett, J. H.	do.	1,800.00	
Ferguson, G. R.	do.	1,800.00	
Leith, C. A.	do.	1,800.00	
Rubinow, I. M.	do.	1,500.00	12.79
Rutter, F. R.	do.	1,800.00	265.17
Smith, R. E.	do.	1,800.00	
Stone, I. W.	do.	1,800.00	
Thompson, E. S.	do.	1,800.00	
Andrews, Frank.	Clerk, class 3.	1,600.00	173.11
Barnes, Almont.	do.	862.19	
Graham, H. C.	do.	400.00	
Covert, J. R.	do.	1,600.00	
Smedes, H. R.	do.	1,600.00	
Smith, Middleton.	do.	1,600.00	
Stier, D. W.	do.	1,600.00	
Cooney, F. C.	Clerk, class 2.	1,400.00	
Graham, H. C.	do.	1,050.00	
Reynolds, F. A.	do.	350.00	
Houser, A. M.	do.	1,400.00	
Latham, E. G.	do.	1,400.00	
O'Donoghue, Clara.	do.	1,400.00	
Pepper, J. G.	do.	1,400.00	
Quinn, E. H.	do.	1,400.00	
Rothrock, Leulah.	do.	972.23	
Safford, M. F.	do.	1,400.00	
Schaake, J. J.	do.	1,400.00	
Schmidt, Flora.	do.	1,400.00	
Shanahan, M. E.	do.	1,388.34	
Burch, Lillian.	Clerk, at \$1,300.	379.17	
Ingram, M. M.	do.	920.83	
Fletcher, C. P.	do.	1,300.00	
Adams, S. G.	Clerk, class 1.	1,200.00	
Bowie, M. S.	do.	1,200.00	
Burch, Lillian.	do.	850.00	
Lancaster, C. M.	do.	350.00	
Clark, E. L.	do.	1,200.00	
Finckel, C. B.	do.	1,200.00	
Jones, L. M.	do.	300.00	
Reynolds, F. A.	do.	900.00	
King, W. M.	do.	1,200.00	
Love, A. H.	do.	1,183.34	
Skinner, Sarah.	do.	1,200.00	
Walden, Celina.	do.	1,200.00	
Wharton, V. K.	do.	1,200.00	
Wright, A. M.	do.	1,180.00	
York, A. B.	do.	1,123.34	
Atwell, H. J.	Clerk at \$1,100.	275.00	
Jones, L. M.	do.	825.00	
Blankman, R. B.	Clerk, at \$1,000.	975.00	
Bollinger, Lewis.	do.	444.45	
Hiatt, Frank H.	do.	97.22	
Moore, Felix T.	do.	450.01	
Fisher, Gertrude.	do.	333.34	
Merritt, Eugene.	do.	666.66	
Gray, H. E.	do.	991.66	
Ingram, M. M.	Clerk, at \$1,000.	291.67	
Lancaster, C. M.	do.	708.33	
Jenkins, S. E.	do.	1,000.00	
Peirce, M. R.	do.	1,000.00	
Phillips, Nettis.	do.	994.44	
Rice, L. M.	do.	166.66	
Woodward, E. G.	do.	747.22	
Wood, M. L.	do.	1,000.00	
Atwell, H. J.	Clerk, at \$840.	630.00	
Fisher, Gertrude.	do.	557.67	
Lee, W. D.	do.	268.33	

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Bureau of Statistics, 1907, \$97,660"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Noah, Esther.....	Clerk, at \$840.....	\$627.67	
Woodward, E. G.....	do.....	186.67	
Sammis, E. C.....	do.....	315.00	
Sartor, L. E.....	do.....	525.00	
Alexander, S. C.....	Clerk, at \$720.....	700.00	
Babbitt, George H.....	do.....	512.00	
Simpson, John M.....	do.....	166.00	
Ballard, N. P.....	do.....	686.00	
Bell, Florence.....	do.....	450.00	
Sartor, L. E.....	do.....	270.00	
Bostwick, Helen M.....	do.....	540.00	
Noah, Esther.....	do.....	180.00	
Cavanagh, J. L.....	do.....	480.00	
Haas, J. P. M.....	do.....	226.00	
Collins, F. P.....	do.....	228.00	
Lee, W. D.....	do.....	490.00	
Connor, R. L.....	do.....	720.00	
Eaton, C. E.....	do.....	90.00	
Powell, M. W.....	do.....	502.00	
Lederer, B. B.....	do.....	720.00	
Peabody, John.....	do.....	720.00	
Bell, Florence.....	Clerk, at \$600.....	201.67	
Michaels, M. M.....	do.....	350.00	
Bostwick, Helen M.....	do.....	150.00	
Fitch, William R.....	do.....	403.33	
Cavanagh, J. L.....	do.....	200.00	
Elliott, Perry.....	do.....	346.67	
Collins, F. P.....	do.....	378.33	
Raymond, Mary J.....	do.....	150.00	
Eaton, C. E.....	do.....	525.00	
Brent, N. W.....	Messenger, at \$840.....	840.00	
Wharton, J. J.....	do.....	840.00	
Total amount of appropriation.....			\$97,660.00
Total amount paid for salaries.....			94,829.22
Unexpended balance.....			2,830.78

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Collecting agricultural statistics, 1907, \$108,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Clark, Charles C.....	Associate statistician, at \$2,800.....	\$528.89	
Peters, E. T.....	Special agent, at \$7, and compiler, at \$7 per diem.....	105.00	
Masius, A. G.....	Assistant, at \$5 per diem.....	60.00	
Barnes, Almont.....	Clerk, at \$1,200.....	96.67	
Halsey, S. W.....	Clerk and special agent, at \$840.....	259.01	
Haase, J. P. M.....	Clerk, at \$720.....	60.00	
Cratty, James A.....	Plumber, at \$4 per diem.....	116.00	
Freedman, Chas.....	Carpenter, at \$3.50 per diem.....	1,071.00	
Phillips, Wm. L.....	Painter, at \$3.50 per diem.....	850.00	
Elmore, A. L.....	Laborer, at \$720.....	720.00	
Beckman, G. E.....	Laborer, at \$660 and \$720.....	702.50	
Henson, James A.....	Laborer, at \$50 per month.....	40.00	
Thompson, J. H.....	Watchman, at \$660.....	485.83	
Elwood, Wm. A.....	Messenger, at \$480 and \$540.....	531.83	
Marscher, J. C., jr.....	Messenger boy, at \$420 and \$480.....	427.50	

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Collecting agricultural statistics, 1907, \$108,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Cont'd.</i>			
Jones, May.....	Charwoman, at \$540.....	5534.00	.....
Dietz, Christine.....	Charwoman, at \$480.....	480.00	.....
Tinney, Virginia.....	do.....	480.00	.....
Total.....	.....	7,548.73	.....
<i>Out of Washington.</i>			
White, B. C.....	Special field agent and chief inspector, at \$8 per diem, and special field agent, at \$2,000 per annum.	2,041.34	\$2,384.03
Creel, H. M.....	Special field agent, at \$7.50 per diem.....	2,340.00	1,502.44
Darg, John J.....	Special field agent, at \$7 per diem and \$1,800 per annum.	1,832.00	1,897.74
Murray, Nat. C.....	Special field agent, at \$2,000.....	1,666.65	.....
Rhoads, Halsey M.....	do.....	1,894.45	1,637.89
Fessenden, S. D.....	Special field agent, at \$2,250.....	2,250.00	2,568.46
Gray, F. N.....	Special field agent, at \$2,250 and \$1,800.....	1,912.50	1,453.40
Gist, F. W.....	Special field agent, at \$1,600.....	1,457.78	1,825.92
Johnson, Herman H.....	do.....	1,497.78	1,217.36
Pinney, Frank S.....	do.....	1,577.78	1,811.02
Evans, D. Lancey.....	Special field agent, at \$1,200.....	1,200.00	1,639.60
Knorr, Geo. W.....	Special field agent, at \$100 per month.....	1,200.00	1,139.87
Rickards, J. E.....	Special agent, at \$2,000.....	1,999.99	285.89
Fryor, W. L.....	Special agent, at \$1,800.....	1,800.00	1,956.40
Killebrew, J. P.....	Special agent, at \$1,600.....	1,600.00	1,365.62
Eyerly, E. K.....	Special agent, at \$75 per month.....	75.00	.....
Peterson, W. I.....	Special agent, at \$480.....	120.00	.....
Bush, H. M.....	Special agent, at \$40 per month.....	213.33	.....
Greaves, H. A.....	do.....	480.00	.....
Gregor, John.....	do.....	320.00	.....
McClelland, Geo. C.....	do.....	140.00	.....
Mayland, E.....	do.....	160.00	.....
Parker, E. C.....	Special agent, at \$400.....	399.98	53.25
Clifford, John E.....	Special agent, at \$20 per month.....	20.00	.....
Fligge, John.....	do.....	20.00	.....
Hanson, Aslak.....	do.....	20.00	.....
Hefferman, Patrick.....	do.....	20.00	.....
Henderson, Henry.....	do.....	20.00	.....
Hibbard, Fred C.....	do.....	20.00	.....
Holden, Wm. H.....	do.....	20.00	.....
Holte, Henry.....	do.....	20.00	.....
Lyman, Geo. D.....	do.....	20.00	.....
Marks, Hermann.....	do.....	20.00	.....
Meehl, Henry E.....	do.....	20.00	.....
Middleton, Chas. H.....	do.....	20.00	.....
Miller, Geo.....	do.....	20.00	.....
Myhrvold, John.....	do.....	20.00	.....
Nichols, Chas. O.....	do.....	20.00	.....
Pederson, L. W.....	do.....	20.00	.....
Pike, Jabez W.....	do.....	20.00	.....
Snyder, Henry R.....	do.....	20.00	.....
Spong, Chas. J.....	do.....	20.00	.....
Stennes, Edward T.....	do.....	20.00	.....
Sulerud, C.....	do.....	20.00	.....
Sulerud, John.....	do.....	20.00	.....
Taylor, Chas. E.....	do.....	20.00	.....
Taylor, Hyland.....	do.....	20.00	.....
Cooper, Thomas P.....	Expert, at \$25 per month.....	75.00	.....
Shaw, T. C.....	District chief, at \$125 per month.....	1,462.50	938.58
Johnson, Jefferson.....	State statistical agent, at \$1,100.....	1,100.00	393.25
Hutchinson, E. C.....	State statistical agent, at \$900.....	300.00	.....
Anderson, Thos. J.....	State statistical agent, at \$800 and \$900.....	891.66	38.46
Burgess, A. F.....	State statistical agent, at \$800.....	91.10	.....
Cownie, John.....	State statistical agent, at \$800 and \$900.....	891.66	.....
Duncan, W. C.....	do.....	891.66	157.55
Harwood, Sarah K.....	do.....	891.66	194.45
McCall, A. G.....	State statistical agent, at \$800.....	600.00	66.62
Northern, W. J.....	State statistical agent, at \$720 and \$800.....	793.34	133.57
Dawley, F. E.....	State statistical agent, at \$700 and \$800.....	791.67	89.97



## BUREAU OF STATISTICS.—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Collecting agricultural statistics, 1907, \$108,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Morse, Chas. H.	State statistical agent, at \$700	\$700.00	\$210.41
Moulton, L. T.	State statistical agent, at \$700 and \$800	791.67	167.33
Rogers, P. A.	do	791.67	145.64
Whitmore, Wm. G.	State statistical agent, at \$700 and \$800	791.67	.....
Knapp, S. A.	State statistical agent, at \$600 and \$720	715.00	98.00
Shaw, P. W.	State statistical agent, at \$650	200.42	.....
Allen, Chas. W.	State statistical agent, at \$600	600.00	77.58
Boardman, C. D.	State statistical agent, at \$600 and \$700	691.67	81.15
Kaufman, E. E.	do	691.67	.....
Koiner, G. W.	State statistical agent, at \$600	121.67	.....
Koiner, L. M.	do	250.00	.....
Merriman, Geo. L.	State statistical agent, at \$600 and \$660	655.00	136.89
Scherbel, E. F.	do	655.00	127.21
Todd, M. R.	State statistical agent, at \$600	600.00	246.20
Thomas, R. H., jr.	do	550.00	.....
Thomas, R. H., sr.	do	50.00	.....
Hemphill, E. M.	State statistical agent, at \$550 and \$650	425.00	106.75
Lane, James H.	do	641.67	59.60
Stewart, R. A.	State statistical agent, at \$550	91.67	.....
Bradford, H. T.	State statistical agent, at \$500	500.00	231.65
Brooks, Fred E.	State statistical agent, at \$500 and \$550	417.50	31.94
Corley, Jacob J.	State statistical agent, at \$500 and \$600	591.66	131.94
Des Granges, H. W.	do	591.66	19.10
Kent, F. L.	State statistical agent, at \$500	416.67	111.60
Tatlock, E. W.	do	136.11	.....
Withers, W. A.	State statistical agent, at \$500 and \$600	591.66	327.97
Hawley, A. M.	State statistical agent, at \$450 and \$500	495.84	230.90
Hayden, James A.	do	495.84	89.08
Perry, Geo. W.	do	495.84	90.55
Yaeger, Harry	do	495.84	97.30
Nelson, Wm.	State statistical agent, at \$400 and \$500	345.83	.....
Adams, Geo. E.	State statistical agent, at \$300	300.00	.....
Cox, John T.	State statistical agent, at \$300 and \$350	345.84	.....
Gold, Chas. L.	State statistical agent, at \$300	300.00	.....
Howe, Elmer D.	do	300.00	.....
Matthews, R. S.	State statistical agent, at \$300 and \$360	355.00	222.20
Morton, Daniel E.	State statistical agent, at \$300 and \$360	355.00	.....
Rosa, John J.	State statistical agent, at \$300	300.00	.....
Vail, Homer W.	do	300.00	.....
Wiggin, Edward	do	300.00	.....
Total		55,882.90	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Collecting agricultural statistics, 1907, \$108,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery.</i>	
Andrews Paper Co., R. P.	\$35.17	United States Envelope Co.	\$2,874.64
Ballyntyne R. Carter	63.65	Yawman & Erbe Manufacturing Co.	24.75
Contingent Expenses, Department of Agriculture.	31.48	Total	4,993.08
District of Columbia Paper Manufacturing Co.	9.60	<i>Miscellaneous supplies, etc.</i>	
Eagle Pencil Co.	3.10	Barber & Ross	16.50
Lamb & Tilden	4.00	Bates, James G.	1.55
Library Bureau	117.45	Becker, C.	29.30
Lindemeyer, Philip	20.00	Becker & Co., Charles	10.65
Newman, E. S.	10.00	Burroughs Adding Machine	20.00
Parker, R. Frank	179.94	Bushnell Co., Alvah	10.25
Remington Typewriter Co.	56.20	Capital Paper Box Co.	12.00
Schmidt, Fred A.	2.94	Capital Traction Co.	11.00
Swayze, Bailey & Co.	205.70	Church & Stephenson	272.44
Swayze, W. L.	853.01		
Union Envelope Co.	501.45		

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Collecting agricultural statistics, 1907, \$108,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Telephone.</i>	
Cornwell & Son, H. G. ....	\$9. 45	Chesapeake and Potomac Telephone Co. ....	\$16. 03
Dulin & Martin Co. ....	11. 80	<i>Printing and binding.</i>	
Du Perow, M. ....	30. 91	Public Printer. ....	530. 23
Elliott & Co, James. ....	11. 75	<i>Travel and station and field expenses.</i>	
Ergood & Co., J. C. ....	19. 17	Allen, C. W. ....	77. 58
Espey, John B. ....	5. 00	Anderson, Thos. J. ....	38. 46
Gail-Webb Manufacturing Co. ....	28. 25	Andrews, Frank. ....	173. 11
Gilman, Z. D. ....	. 90	Boardman, C. D. ....	81. 15
Hammond Typewriter Co. ....	3. 68	Bradford, H. T. ....	231. 65
Harris & Schafer Co. ....	13. 20	Brooks, F. E. ....	31. 94
Hartig, Louis. ....	8. 41	Clark, C. C. ....	416. 15
Heiskell & Co., P. H., jr. ....	1. 00	Corley, J. J. ....	131. 94
Hygienic Soap Granulated Co. ....	40. 50	Creel, H. M. ....	1, 502. 44
Iowa Publishing Co. ....	. 75	Darg, John J. ....	1, 897. 74
Joyce Engraving Co., M. ....	. 50	Daugherty, Chas. M. ....	1, 821. 98
Lambie Co., James B. ....	7. 17	Dawley, F. E. ....	89. 97
Lansburgh Bros. ....	33. 22	Desgranges, H. W. ....	19. 10
Mackall Bros. ....	14. 65	Duncan, W. C. ....	157. 56
Mann & Co., P. ....	8. 50	Evans, DeLancey. ....	1, 639. 65
Minnix Co. (Incorporated), N. M. ....	5. 75	Fessenden, Stephen D. ....	2, 568. 26
Muth & Co., Geo. F. ....	48. 46	Gist, F. W. ....	1, 825. 92
National Electric Supply Co. ....	14. 25	Gray, F. N. ....	1, 453. 48
Nawrath, J. P. ....	4. 98	Harwood, S. K. ....	194. 45
Newman, E. S. ....	7. 00	Hawley, A. M. ....	230. 90
Post-Office Department (disbursing clerk) ....	23. 20	Hayden, James A. ....	89. 08
Postmaster, Washington, D. C. ....	90. 00	Hemphill, E. M. ....	106. 75
Potomac Electric Power Co. ....	4. 80	Johnson, Herman H. ....	1, 217. 96
Rand, McNally & Co. ....	10. 00	Johnson, Jefferson. ....	393. 25
Rau, John C. ....	12. 50	Kent, F. L. ....	111. 60
Reilly, Hugh. ....	23. 68	Killebrew, J. P. ....	1, 365. 62
Remington Typewriter Co. ....	117. 95	Knapp, S. Arthur. ....	98. 00
Rudolph & West Co. ....	76. 44	Knorr, G. W. ....	1, 139. 87
Schneider's Sons, C. ....	. 50	Lane, James H. ....	59. 60
Smith Premier Typewriter Co. ....	4. 45	McCall, A. G. ....	66. 65
Southern Printers' Supply Co. ....	250. 10	Matthews, Reuben S. ....	222. 20
Topham, James S. ....	120. 00	Merriman, George L. ....	136. 89
Typewriter Office Supply Co. ....	3. 60	Morse, C. H. ....	210. 41
Underwood Typewriter Co. ....	263. 10	Moulton, L. T. ....	167. 33
Total. ....	1, 713. 26	Murray, Nat C. ....	1, 217. 05
<i>Furniture.</i>		Northen, W. J. ....	133. 52
Hoeke, W. H. ....	122. 89	Olmstead, Victor H. ....	200. 45
Lansburgh Furniture and Carpet Co. J. ....	54. 75	Parker, Edward C. ....	53. 25
Moses & Sons, W. B. ....	262. 53	Perry, Geo. W. ....	90. 55
Underwood Typewriter Co. ....	9. 00	Pinney, Frank S. ....	1, 811. 02
Woodward & Lothrop. ....	158. 64	Pryor, W. L. ....	1, 956. 40
Yawman & Erbe Manufacturing Co. ....	1, 537. 00	Rhoads, H. M. ....	1, 637. 89
Total. ....	2, 144. 81	Richards, J. E. ....	285. 89
<i>Freight.</i>		Rogers, Plum A. ....	145. 64
Roosa, I. P. ....	3. 95	Rubinow, I. M. ....	12. 79
<i>Express.</i>		Rutter, Frank R. ....	265. 17
Adams Express Co. ....	23. 84	Scherbel, E. F. ....	127. 21
United States Express Co. ....	35. 23	Shaw, T. C. ....	938. 58
Total. ....	59. 07	Todd, McKenzie R. ....	246. 20
<i>Telegraph.</i>		White, B. C. ....	2, 384. 03
Postal Telegraph Cable Co. ....	20. 85	Withers, W. A. ....	327. 97
Western Union Telegraph Co. ....	419. 90	Yaeger, Harry. ....	97. 30
Total. ....	440. 75	Total. ....	30, 571. 95

Total amount of appropriation. ....	\$108, 000. 00
Total expenditures under above groups. ....	103, 904. 76
Unexpended balance. ....	4, 095. 24

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Collecting agricultural statistics (foreign markets), 1907, \$4,900."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Holmes, G. K.....	Chief, division of foreign markets, at \$2,500, and chief of foreign markets, at \$2,750.	\$2,677.09	.....
Masius, A. G.....	Assistant, at \$5 per diem.....	775.00	.....
Lee, B. E.....	Charwoman, at \$480.....	480.00	.....
Total.....	.....	3,932.09	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Collecting agricultural statistics (foreign markets), 1907, \$4,900"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Travel and station and field expenses.</i>	
Morschhauser, W. A.....	\$475.00	Daugherty, Chas. M.....	\$445.86
Total amount of appropriation.....			\$4,900.00
Total expenditures under above groups.....			4,852.95
Unexpended balance.....			47.05

## RECAPITULATION.

Statutory salaries.....	\$94,829.22
Lump-fund salaries:	
In Washington.....	11,480.82
Outside of Washington.....	55,882.90
Stationery.....	4,993.08
Miscellaneous supplies and services, equipment, books, machinery, etc.....	2,188.26
Furniture.....	2,144.81
Freight.....	3.95
Express.....	59.07
Telegraph.....	440.75
Telephone.....	16.03
Printing and binding.....	530.23
Travel and station and field expenses.....	31,017.81
Total for entire Bureau of Statistics.....	205,586.93
Total amount of appropriations.....	210,560.00
Total expenditures under above groups.....	203,586.93
Unexpended balance September 30, 1907.....	6,973.07
Outstanding liabilities (estimated).....	1,277.13
Balance to be turned back in Treasury (estimated).....	5,695.94



## BUREAU OF STATISTICS—Continued.

## PROJECTS.

The principal projects conducted by the Bureau of Statistics during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

Crop reports.....	\$131,017.82
Bulletin No. 50, Hops in Principal Countries.....	160.67
Bulletin 52, Imports of Farm and Forest Products, 1904-1906, and Bulletin 53, Exports of Farm and Forest Products, 1904-1906.....	568.88
Bulletin 54, Trade with Noncontiguous Possessions in Farm and Forest Products, 1904-1906.....	60.28
Bulletin (British Dairy).....	688.16
Bulletin 55, Meat Supply and Surplus.....	351.28
Bulletin 62, Production of Potatoes, and Bulletin 63, Production of Hay..	690.64
Bulletin 65, Russian Wheat Production, and Bulletin 66, Russian Wheat and Flour Trade in European Countries.....	1,240.87
Bulletin 67, Ocean Freight Rates.....	193.96
Bulletin 69, European Grain.....	1,085.93
Bulletin (World's Cotton).....	182.32
Yearbook Appendix.....	1,828.45
Bulletin 49, Costs of Hauling Crops from Farm to Shipping Points.....	309.53
Statistics of rural schools.....	2,350.94
Cooperative work with Minnesota Experiment Station (Bulletin 48, The Cost of Producing Farm Products).....	2,461.57
Bulletin (Farm Wages).....	6,402.25
Total.....	149,593.55

## LIBRARY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, library, Department of Agriculture, 1907, \$15,880."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Clark, J. A.....	Librarian, at \$2,000.....	\$1,833.34	
Barnett, C. R.....	Assistant librarian, at \$1,400.....	1,400.00	\$14.25
Colman, M. A. S.....	Clerk (and translator), at \$1,200.....	900.00	
Hawks, E. B.....	Cataloguer, at \$1,200.....	1,200.00	25.05
Thompson, H. M.....	Cataloguer, at \$1,000.....	1,000.00	
Knapp, Abbie R.....	do.....	458.33	
Ogden, E. L.....	do.....	541.66	
Sewall, M. L.....	do.....	888.89	
Bollinger, Lewis.....	Clerk, at \$900.....	405.00	
Moore, Felix T.....	do.....	95.00	
Wasner, Wendell H.....	do.....	400.00	
Thompson, M. F.....	do.....	900.00	
Upton, G. E.....	do.....	900.00	
Knapp, A. R.....	do.....	337.50	
Rynex, Minnie L.....	do.....	412.50	
Raub, R. D.....	Clerk, at \$840.....	315.00	
Rynex, Minnie L.....	do.....	140.00	
Sherman, C. B.....	do.....	105.00	
Smith, Florence P.....	do.....	280.00	
Parker, Fannie L.....	Clerk, at \$720.....	330.00	
Sherman, C. B.....	do.....	270.00	
Rynex, Minnie L.....	do.....	270.00	
Upton, K. G.....	do.....	390.00	
Smith, Moses.....	Messenger, at \$720.....	720.00	
Campbell, W. S.....	Messenger, at \$480.....	60.00	
Morgan, R. H.....	do.....	420.00	
Total amount of appropriation.....		\$15,880.00	
Total amount paid for salaries.....		14,972.22	
Unexpended balance.....			907.78

## LIBRARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Library, Department of Agriculture, 1907, \$10,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Gardner, Bertha L.....	Clerk, at \$720 per annum.....	\$60.00	.....
Spence, Mary L.....	Library assistant, at \$300 per annum.....	20.00	.....
Cash, Lillian.....	Clerk, at \$300 per annum.....	25.00	.....
Total.....	.....	105.00	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Library, Department of Agriculture, 1907, \$10,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Bates Manufacturing Co.....	\$0.27	Freight Publishing Co.....	\$3.00
Library Bureau.....	33.50	Friedlander & Sohn, R.....	257.38
Total.....	33.77	Fruit Trade Journal.....	2.00
<i>Miscellaneous supplies, etc.</i>		Fruit World Publishing Co.....	1.00
A. L. A. Publishing Board.....	13.51	Georg & Co.....	2.08
Allyn Publishing Co., D. E.....	2.00	Gibb Bros. & Moran.....	3.00
American Grocer.....	3.00	Goossens, A.....	5.79
American Journal of Physiology.....	5.00	Gray Herbarium of Howard University.....	133.91
American Medicine Publishing Co.....	.30	Greene, Edward L.....	3.00
American School of Home Economics.....	14.40	Harding Publishing Co., A. R.....	1.00
Baer & Co., Joseph.....	26.03	Hawaiian Gazette Co. (Limited).....	2.50
Ballantyne & Sons, Wm.....	350.89	Heller, A. A.....	1.00
Barrick Publishing Co.....	5.00	Holway, E. W. D.....	2.00
Bartels & Co., Howard.....	10.00	Houghton, F. L.....	2.00
Beal, Wm. J.....	1.00	Hubner, Ernest.....	2.03
Bennett & Co., Frank S.....	4.00	Johnston, A. P.....	20.00
Bit & Spur Publishing Co.....	4.00	Journal of Commerce and Commerce Bulletin.....	30.24
Blakiston's Son & Co., P.....	12.45	Journal of Experimental Medicine.....	5.00
Bods, Martin.....	1.15	Junk, W.....	102.89
Borgman, Emil.....	130.00	Kcener & Co., W. T.....	6.21
Bowker, R. B.....	4.50	Kerremans, Ch.....	4.00
Brentanos' (Incorporated).....	68.87	Klincksieck, Paul.....	21.40
Britten, N. L.....	1.50	Knight & Co., Thomas A.....	3.00
Brown, J. Hardie.....	.87	Kuhlman, Julius.....	.15
Brown, John P.....	2.80	Lawyers' Cooperative Publishing Co.....	27.00
Bureau of Printing.....	5.00	Lea Brothers & Co.....	9.00
Butler, C. I.....	2.00	Lemcke & Buechner.....	528.39
California Fruit Grower.....	2.00	Libbie & Co., C. F.....	1.00
Canner Publishing Co.....	3.00	Linton, Mrs. M. A.....	3.25
Carleton, L. T.....	1.00	Lippincott Co., J. B.....	4.85
Carnegie Institution of Washington.....	5.00	Longmans, Green & Co.....	33.00
Castor & Co., C. & H.....	32.60	Lord & Nagle Co.....	6.00
Challamel, Augustin.....	23.69	Louisiana Planter, The.....	3.00
Clifton, H. T.....	.30	Lowdermilk & Co., W. H.....	598.58
Commercial Newspaper Co.....	6.00	Luneburg, H.....	8.32
Commercial Review.....	3.00	Macmillan Co.....	39.45
Comtelburo (Limited).....	10.22	Maine Sportsman.....	1.00
"Condor" The.....	1.00	Mark Lane Express.....	4.26
Curtis Guild & Co.....	4.00	Moore, W. H.....	387.90
Dana Company, Wm. B.....	10.00	Municipal Engineering Co.....	2.00
Delaware Valley Ornithological Club.....	1.00	Do.....	3.00
Dewey, Melvil.....	2.16	Munn & Co.....	4.00
Edwards, Francis.....	2.62	National Railway Publishing Co.....	29.33
Ellis, C. W. H.....	6.00	New York Botanical Gardens.....	1.50
Evening Commercial Trade List.....	29.20	New York Maritime Register.....	35.00
Evermann, Barton W.....	.80	New York State Grange.....	2.00
Field, Edward S.....	15.37	Nijhoff, Martinus.....	28.36
Field and Farm.....	4.00	O'Connor Market Reporter Co.....	5.00
Franck, Geo.....	2.00	Oil, Paint and Drug Reporter.....	14.00
		Orange Judd Company.....	1.00

## LIBRARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Library, Department of Agriculture, 1907, \$10,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Outing Publishing Co.....	\$3.00	Taltavall, J. B.....	\$0.50
Pantograph, The.....	1.00	Tharp, Thomas.....	6.40
Patriot Pubg. Co.....	1.00	Tilden, Josephine E.....	2.25
Peck, H.....	15.00	Torrey Botanical Club.....	1.30
Photographic Times Pub. Co.....	.75	"Trade".....	2.00
Plant World.....	1.00	True, R. H.....	1.00
Poynder, G. A.....	1.66	Underwood, L. M.....	11.83
Presbyterian Mission Press.....	10.36	University of Penna. Press.....	2.00
Preston & Rounds Company.....	23.25	University Pub. Co.....	3.90
Publishers' Weekly.....	3.50	Van Nostrand Co., D.....	6.00
Railroad Gazette.....	5.00	Wahr, George.....	1.00
Railway Equipment & Publishing Co.....	7.00	Weg, Max.....	75.92
Rand, McNally & Co.....	10.50	Welter, H.....	3.20
Rebman Company.....	2.50	Wesley & Son, Wm.....	935.59
Review of the River Plate.....	7.50	West Pub. Company.....	81.75
Rhoads, S. N.....	3.60	White & Co., James T.....	8.00
Rich, John S.....	252.00	Wiley & Sons, John.....	16.51
Rich, Wm. P.....	1.00	Willett & Gray.....	15.00
Ridgway Company.....	.60	Wilson Co., Publisher.....	10.00
Riley, Joseph H.....	10.00	Wilson Co., H. W.....	20.00
Root Co., A. I.....	15.00	Woodward & Lothrop.....	17.10
Roper-Hunter Co., Inc.....	.50	Wytzman, P.....	3.50
Roper-Hunton Co.....	1.50		
Saunders Co., W. B.....	6.00	Total.....	7,717.36
Scribner, Louise G.....	5.00		
Shephard Co., Frank.....	6.00	<i>Furniture.</i>	
Smith, Mrs. A. M.....	1.00	Library Bureau.....	103.50
Smithsonian Institution.....	45.80		
Societa Entomologica Italiano.....	2.25	<i>Printing and binding.</i>	
Southern Educational Review.....	2.00	Public Printer.....	888.90
Southern Lumber Journal.....	3.00		
Spanish American Book Co.....	8.00	<i>Travel and station and field expenses.</i>	
Spon & Chamberlain.....	7.50	Barnett, Claribel R.....	14.25
Sportman's Journal Pub. Co.....	1.00	Hawks, Emma B.....	25.05
Statute Law Book Co.....	7.06	Total.....	39.30
Stechert & Co., G. E.....	2,635.78		
Superintendent of Documents.....	3.00		
Sutphin Co., I. V.....	12.00		
Swayze, W. L.....	144.00		

Total amount of appropriation.....	\$10,000.00
Total expenditures under above groups.....	8,887.83
Unexpended balance.....	1,112.17
Repayments to credit of appropriation on account of sale of card index.....	15.58
Net unexpended balance.....	1,127.75

## RECAPITULATION.

Statutory salaries.....	\$14,972.22
Lump-fund salaries in Washington.....	105.00
Stationery.....	33.77
Miscellaneous supplies and services, equipment, books, machinery, etc.....	7,717.36
Furniture.....	103.50
Printing and binding.....	888.90
Travel and station and field expenses.....	39.30
Total for entire library.....	23,860.05
Total amount of appropriations.....	25,880.00
Total expenditures under above groups.....	23,860.05
Unexpended balance.....	2,019.95
Repayments to credit of appropriations.....	15.58
Net unexpended balance September 30, 1907.....	2,035.53
Outstanding liabilities (estimated).....	712.66
Balance to be turned back in Treasury (estimated).....	1,322.87



## LIBRARY—Continued.

## PROJECTS.

The principal projects conducted by the library during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Administration—salaries.....	\$5,255.84
Cataloguing and indexing—salaries.....	4,285.83
Translating—salary.....	900.00
Recording and care of periodicals—salaries.....	3,735.55
Loan desk—salary.....	900.00
Traveling expenses.....	39.30
Binding.....	888.90
Books, periodicals, and miscellaneous supplies.....	7,854.63
	23,860.05

Paid from appropriations for 1907, as follows:

Salaries, library.....	14,972.22
General expenses, library.....	8,887.83
	23,860.05

## OFFICE OF THE CHIEF CLERK.

*Report of expenditures for the fiscal year ended June 30, 1907, under appropriation contingent expenses, Department of Agriculture, 1907, \$37,000.*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Roosa, I. P.....	Dispatch agent, at \$400.....	\$400.00	

*Report of expenditures for the fiscal year ended June 30, 1907, under appropriation contingent expenses, Department of Agriculture, 1907, \$37,000—Continued.*

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.</i>	
American Lead Pencil Co.....	\$35.28	Addressograph Co.....	\$2.75
Andrews Paper Co., R. F.....	595.45	Allen Mfg. Co., W. D.....	6.00
Ballantyne, R. Carter.....	244.69	American Automatic Disinfectant Co.....	78.30
Carter-Crume Co., (Ltd).....	6.00	American Watchman Time Detective Co.....	3.90
Davison & Co., H. C.....	292.40	Armour & Co.....	9.00
District of Columbia Paper Mfg. Co.....	85.68	Barber, Geo. E.....	74.00
Eagle Pencil Co.....	56.83	Barber & Ross.....	54.91
Lamb & Tilden.....	121.46	Bates, J. G.....	1.55
Library Bureau.....	144.45	Bausch & Lomb Optical Co.....	.40
Lincoln, Fred S.....	26.93	Becker, C.....	138.95
Lindemeyer, Philip.....	204.00	Becker & Co., Charles.....	151.25
Morrison Paper Co., E.....	13.40	Bensinger & Co., S.....	20.00
Newman, E. S.....	12.00	Bernasco, J.....	148.75
Parker, D. Frank.....	868.48	Berry & Whitmore Co.....	4.50
Remington Typewriter Co.....	47.87	Boston Transcript Co.....	18.00
Sharp & Sons, F.....	50.85	Brooks Co., E. F.....	51.00
Smith Mfg. Co., R. H.....	33.80	Bryant, A. L.....	30.00
Swayze, W. L.....	4,405.53	Burrelles Press Clipping Bureau.....	210.00
Underwood Typewriter Co.....	2.25	Burroughs Adding Machine Co.....	468.64
Union Envelope Co.....	145.25	Capital Traction Co.....	20.00
United States Envelope Co.....	596.21	Catlin Co., Elmer H.....	6.05
Yawman & Erbe Mfg. Co.....	29.84	Chamberlin Metal Weather Strip Co.....	31.00
		Chesapeake and Potomac Telephone Co.....	2.85
Total.....	8,018.65		

## OFFICE OF THE CHIEF CLERK—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation contingent expenses, Department of Agriculture, 1907, \$37,000—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Con.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Chicago Record-Herald.....	\$38.00	Rau, John C.....	\$64.02
Church & Stephenson.....	928.47	Reed, P. G.....	19.80
Congers Laundry and Carpet Clean- ing Co.....	243.08	Reilly, Hugh.....	166.76
Cooper-Hewitt Electric Co.....	59.00	Remington Typewriter Co.....	205.54
Cotton, Jones S.....	261.55	Rudolph & West Co.....	269.94
Crowl Co., Pearre E.....	20.50	San Francisco Call.....	8.00
Densmore Typewriter Co.....	78.50	Sanders, R. L.....	25.20
Doremus Machine Co.....	2.00	Schafer & Co., E. G.....	275.17
Droop & Sons Co., E. F.....	113.48	Schondan & Lynch.....	77.75
Dullin & Martin Co.....	3.30	Shore, Charles.....	21.10
DuPerow, M.....	99.03	Smith, B. A.....	5.00
Dyer, Wm. H.....	65.25	Smith Mfg. Co., R. H.....	17.85
Eastman Kodak Co.....	24.00	Smithsonian Institution.....	66.85
Edmonston, Chas. R.....	105.70	Somerville & Sons, Thomas.....	726.21
Elliott & Co., James.....	137.98	Southern Printers Supply Co.....	238.81
Ergood & Co., J. C.....	291.31	Standard Oil Co.....	16.48
Espey, John B.....	10.41	Stannard, Ambrose B.....	28.13
Evening Star Newspaper Co.....	12.75	Stewart & Co.....	611.20
Fries, Beall & Sharp Co.....	5.08	Stewart Elec. Co., Frank H.....	19.24
Fritch & Son, Geo. T.....	41.25	Strasburger, Jos.....	1.00
Fulton & Co., Chas. C.....	13.50	Sun Printing and Publishing Associa- tion.....	6.00
Groff, D. F.....	7.50	Thompson, L. L.....	27.95
Hammond Typewriter Co.....	5.50	Topham, Jas. S.....	18.50
Hartig, Louis.....	62.04	Trenis, Bert E.....	1.02
Hazleton, E. P.....	2.25	Tribune Association.....	32.00
Heiskell, jr., & Co., P. H.....	90.38	Tribune Company.....	38.00
Hinton, Agnes.....	4.00	Typewriter and Office Supply Com- pany.....	505.00
Hoge & McDowell Co.....	677.60	Underwood Typewriter Co.....	446.55
Holtzer-Cabot Electric Co.....	33.00	Van Fleet, C. W.....	45.00
Home Ice Co.....	1,304.29	Walford, D. N.....	14.65
Hoosier Drill Co.....	1.94	Walker Sons, J. T.....	.40
Hurley, J. E.....	2.00	Washington Herald Co.....	10.50
Hutchinson, Wm. Seely.....	118.75	Washington Post Co.....	13.50
Hygienic Soap Gran. Co.....	39.50	Washington Times Co.....	14.25
Jenkins, Chas. S.....	55.00	West Disinfecting Co.....	33.33
Joyce Engraving Company, M.....	2.25	Westinghouse Electric and Manu- facturing Co.....	1.16
Keasby & Mattison Co.....	9.14	White, Fred J.....	26.03
Kellogg Switchboard and Supply Co.....	194.73	Woodward & Lothrop.....	363.27
Kendall, J. B.....	21.29	Wynne & Co., J. R.....	6.51
Lacy, Wm. H.....	17.00	Xylotite Product Co.....	3.19
Lamb & Tilden.....	28.21		
Lambie Co., J. & B.....	220.09	Total.....	16,793.07
Lansburgh & Bro.....	132.85		
Lee, J. S.....	6.00	<i>Furniture.</i>	
Lutz & Co.....	8.00	Doten-Dunton Desk Co.....	32.00
McCubbin Co., C. J.....	39.63	Hoeke, W. H.....	562.71
McReynolds Sons, R.....	81.75	Lansburgh Furniture and Carpet Co., J.....	19.5
Mackall Brothers.....	157.65	Library Bureau.....	147.25
Macklem, J. J.....	32.00	Lincoln, Fred S.....	25.40
Maenichol & Son.....	470.00	Minnix Co. (Incorporated), N. M.....	60.00
Menchen Electric Co., Jos.....	25.00	Moses & Sons, W. B.....	723.98
Miles Brothers.....	235.64	Seals, Chas. D.....	4.50
Mineralized Rubber Co.....	14.00	Woodruff Manufacturing Co.....	96.00
Minnix Co. (Incorporated), N. M.....	5.00	Woodward & Lothrop.....	196.41
Monarch Typewriter Co.....	160.00	Yawman & Erbe Manufacturing Co.....	128.73
Montgomery & Co.....	4.65		
Morgan & Wright.....	216.97	Total.....	1,996.48
Munson Supply Co.....	17.50		
Muth & Co., Geo. F.....	454.28	<i>Fuel.</i>	
Mutual District Messenger Co.....	40.00	Murphy, Robert.....	519.47
National Electric Supply Co.....	85.18	Stephenson & Bro.....	8.25
National Mortar Co.....	27.70	Zeh Co. (incorporated), Wm. J.....	9,078.43
National Pipe Bending Co.....	42.62		
Newrath, J. P.....	123.10	Total.....	9,606.15
New York Cycle Co.....	57.55		
New York Times Co.....	38.00	<i>Freight.</i>	
Niagara Radiator Co.....	11.89	Baltimore & Ohio.....	2.00
Nicholson & Son, Jas. A.....	451.50	Littlefield, Alvord & Co.....	7.70
Nolan & Sons, Jas.....	20.00		
Pike Adding Machine Co.....	340.00		
Postmasters.....	2,500.00		
Potomac Electric Power Co.....	10.00		
Press Company.....	19.00		
Rand, McNally & Co.....	11.00		

## OFFICE OF THE CHIEF CLERK—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation contingent expenses, Department of Agriculture, 1907, \$37,000—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight—Continued.</i>		<i>Telephone.</i>	
New York, New Haven, and Hartford Railroad Co.....	\$0.46	The Chesapeake and Potomac Telephone Co.....	\$424.73
Pennsylvania Railroad Co.....	7.95		
Total.....	18.11	<i>Gas and electricity.</i>	
<i>Express.</i>		Potomac Electric Power Co.....	1,527.74
Adams Express Co.....	55.88	Washington Gas Light Co.....	383.80
United States Express Co.....	150.44	Total.....	1,911.54
Total.....	206.32	<i>Travel and station and field expenses.</i>	
<i>Telegraph.</i>		Ashley, Alex. McC.....	94.50
Postal Telegraph-Cable Co.....	14.45	Hays, W. M.....	601.84
Western Union Telegraph Co.....	36.34	Mowry, H. H.....	114.05
Total.....	50.79	Wilson, A. D.....	120.95
		Wilson, James.....	66.30
		Total.....	997.64

Total amount of appropriation.....	\$37,000.00
Amount transferred from various appropriations on account of supplies furnished to the different bureaus by Chief of the Supply Division, the supplies having been originally purchased out of "Contingent expenses, Department of Agriculture".....	4,012.36
Total appropriation available.....	41,012.36
Total expenditures under above groups.....	40,423.48
Unexpended balance.....	588.88

## RECAPITULATION.

Lump-fund salaries outside of Washington.....	\$400.00
Stationery.....	8,018.65
Miscellaneous supplies and services, equipment, books, machinery, etc.....	16,793.07
Furniture.....	1,996.48
Fuel.....	9,606.15
Freight.....	18.11
Express.....	206.32
Telegraph.....	50.79
Telephone.....	424.73
Gas and electricity.....	1,911.54
Travel and station and field expenses.....	997.64
Total for entire contingent expenses, Department of Agriculture.....	40,423.48
Total amount of appropriation.....	37,000.00
Amount transferred from other appropriations on account of supplies furnished.....	4,012.36
Total appropriation available.....	41,012.36
Total expenditures under above groups.....	40,423.48
Unexpended balance on September 30, 1907.....	588.88
Outstanding liabilities (estimated).....	240.00
Balance to be turned back in Treasury (estimated).....	348.88



## OFFICE OF EXPERIMENT STATIONS.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Office of Experiment Stations, 1907, \$29,160."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
True, A. C.	Director, at \$3,500	\$3,500.00	
Johnston, C. E.	Chief clerk, at \$1,800	1,800.00	\$638.01
Henry, William	Clerk and proof reader, at \$1,600	1,600.00	
Bartholow, F. A.	Clerk class 2	1,400.00	
Sommers, S. L.	do	1,400.00	
Harlow, G. A.	Clerk class 1	1,200.00	
Nau, K. A.	do	1,200.00	
Ryder, M. E.	do	1,200.00	
Spethmann, N. T.	do	1,190.00	
Bance, M. C.	Clerk, at \$1,000	994.44	
Sweetnam, M. V.	do	1,000.00	
Rowley, B. M.	do	1,000.00	
Murphy, Daisy K.	do	1,000.00	
Agnew, M. A.	do	1,000.00	
Daish, W. M.	Clerk, at \$900	900.00	
Walton, Lutie L.	do	900.00	
Colbath, M. F.	Clerk, at \$840	840.00	
Crain, A. C.	do	840.00	
Farquhar, Faith	do	42.00	
Resch, Antoinette	do	770.00	
Garland, M. L. O.	do	840.00	
Miner, Helen	do	704.67	
Emerson, Edith O.	do	135.33	
Woods, L. A.	Messenger, at \$600	600.00	
Eidsness, Lars M.	Messenger, at \$540	540.00	
Mull, R. B.	Messenger, at \$480	40.00	
Nelson, Henry A.	do	433.33	
Andrew, H. B.	Messenger boy, at \$360	255.00	
Griffith, G. L.	do	7.00	
McFadden, A. M.	do	34.00	
Webster, Nimia	Copyist, at \$720	720.00	
Garvey, Mary C.	Laborer, at \$480	134.67	
Kelly, Mary	do	345.33	
Moriarty, Mary A.	do	480.00	
Total amount of appropriation			\$29,160.00
Total amount paid for salaries			29,045.77
Unexpended balance			114.23

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations, 1907, \$25,500."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Allen, E. W.	Assistant director, at \$3,000	\$3,000.00	\$607.16
Beal, W. H.	Chief editorial division, at \$2,500	2,500.00	789.61
Evans, Walter H.	Chief of division, at \$2,400	2,400.00	199.19
Smith, C. B.	Scientific assistant, at \$2,000	1,166.66	
Wilcox, E. V.	do	2,000.00	341.80
Lawson, H. W.	Scientific assistant, at \$1,800	1,800.00	72.05
Schulte, J. I.	do	1,800.00	
Glasson, E. J.	Scientific assistant, at \$1,500	625.00	
Knight, H. L.	Scientific assistant, at \$1,000	916.67	
Parker, Fanny L.	Scientific assistant, at \$900	447.50	
Crosby, D. J.	Assistant, at \$1,800	1,125.00	
Ogden, Elise L.	Assistant, at \$1,200	550.00	
Morman, James B.	Clerk and editorial assistant, at \$1,200	700.00	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations, 1907, \$25,500"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Cont'd.</i>			
Skinner, Laura A. ....	Stenographer and typewriter, at \$75 per month.	\$37.50	.....
Carter, Alonzo .....	Painter, at \$3.50 per diem .....	24.50	.....
Fenton, Lee .....	Electric wireman, at \$3 per diem .....	134.80	.....
Total .....		19,227.63	.....
<i>Out of Washington.</i>			
Woll, F. W. ....	Collaborator, at \$300 .....	291.67	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations, 1907, \$25,500"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Andrews Paper Co., R. P. ....	\$1.66	Mineralized Rubber Co. ....	\$5.40
Ballantyne, R. Carter .....	5.37	Monarch Typewriter Co. ....	1.25
Baumgarten & Sons, J. ....	2.70	Morrey, J. B. ....	5.25
Combined Tool Company .....	3.60	Muth & Co., Geo. F. ....	2.30
Contingent Expenses, Department of Agriculture .....	181.54	National Electric Supply Co. ....	26.20
Lamb & Tilden .....	1.71	Niagara Radiator Co. ....	1.38
Library Bureau .....	13.35	Potter, W. P. & C. P. ....	2.00
Lincoln, Fred S. ....	.67	Rau, John C. ....	18.63
Morrison Paper Co., E. ....	2.68	Remington Typewriter Co. ....	30.70
Parker, D. Frank .....	18.70	Rudolph & West .....	8.85
Schmidt, Fred A. ....	6.13	Saals, C. D. ....	.85
Swayze, W. L. ....	24.25	Shore, Charles .....	2.25
Yawman & Erbe Manufacturing Co. ....	9.53	Smith Premier Typewriter Co. ....	7.70
Total .....	271.91	Southern Printers' Supply Co. ....	.40
<i>Miscellaneous supplies, etc.</i>		Washington Wood Working Co. ....	78.00
Barber & Ross .....	14.20	Wiegand, Martin .....	3.75
Barrow, W. M. ....	134.00	Woodward & Lothrop .....	.25
Capital Traction Co. ....	5.00	Total .....	882.54
Church & Stephenson .....	15.75	<i>Furniture.</i>	
Clarke Co., R. P. ....	2.00	Hoeke, W. H. ....	56.96
DuPerow, M. ....	20.00	Library Bureau .....	4.50
Dyer, Wm. H. ....	2.50	Moses & Sons, W. B. ....	122.17
Eideness, M. M. ....	1.00	Seale, Chas. D. ....	.85
Elliott Co. ....	17.14	Woodward & Lothrop .....	50.28
Felt & Tarrant Manufacturing Co. ....	12.30	Yawman & Erbe Manufacturing Co. ....	75.14
Fireman, P. ....	100.00	Total .....	309.90
Forker & Co., C. A. ....	3.91	<i>Freight.</i>	
Gasch & Sons, Richard .....	1.20	Littlefield, Alvord & Co. ....	47.31
Gilman, Wm. H. ....	10.50	Lloyd Transfer Co. ....	.25
Goldsmith Sign Co. ....	25.00	Pennsylvania R. R. Co. ....	1.17
Hammond Typewriter Co. ....	2.90	Total .....	48.73
Harris & Shafer Co. ....	1.60	<i>Express.</i>	
Hazelton, E. P. ....	5.25	Adams Express Co. ....	9.11
Heiskell & Co., P. H. ....	1.70	United States Express Co. ....	1.70
Johnson, Griffith L. ....	200.00	Total .....	10.81
Joyce Engraving Co., M. ....	2.75		
Kellogg Switchboard and Supply Co. ....	17.50		
Lamb & Tilden .....	2.92		
Lambie Co. (Incorporated), J. B. ....	.45		
Lipman, Jacob G. ....	75.00		
Lutz & Co. ....	7.00		
Meyer, S. N. ....	11.25		

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations, 1907, \$25,500"—Continued.

Name.	Amount.	Name.	Amount.
<i>Telegraph.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
Postal Telegraph-Cable Co.....	\$2.07	Sheetz, W. Silas.....	\$6.50
Western Union Telegraph Co.....	20.24	<i>Travel and station and field expenses.</i>	
Total.....	22.31	Allen, E. W.....	607.61
<i>Telephone.</i>		Beal, W. H.....	789.16
Chesapeake and Potomac Telephone Co.....	16.90	Crosby, D. J.....	529.25
<i>Rent.</i>		Evans, Walter H.....	199.19
Pearson, Henry Clay.....	916.63	Knight, H. L.....	14.20
<i>Gas and electricity.</i>		Lawson, H. W.....	72.05
Potomac Electric Power Co.....	4.98	Langworthy, C. F.....	15.05
Washington Gas Light Co.....	4.10	Sampson, H. O.....	11.79
Total.....	9.08	Smith, C. B.....	26.88
		True, A. C.....	638.01
		Warren, G. T.....	28.15
		Wilcox, E. V.....	341.80
		Total.....	3,273.14

Total amount of appropriation..... \$25,500.00  
 Total expenditures under above groups..... 25,286.85

Unexpended balance..... 213.15

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations (farmers' institutes), 1907, \$5,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Hamilton, John.....	Farmers' institute specialist, at \$2,250.....	\$2,250.00	\$549.41
Crosby, D. J.....	Assistant in practical agriculture, at \$1,800.....	675.00	189.95
Sampson, H. O.....	Scientific assistant, at \$1,200.....	100.00	
Marshall, Margaret.....	Clerk (stenographer and typewriter), at \$70 per month.	67.67	
Total.....		3,092.67	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations (farmers' institutes), 1907, \$5,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.</i>	
Andrews Paper Co., R. P.....	\$48.50	Barber & Ross.....	\$3.00
Contingent expenses, Department of Agriculture.....	28.71	Barrow, W. M.....	100.00
Library Bureau.....	10.80	Brentano's (Incorporated).....	9.40
Swayze, W. L.....	6.72	Buse, Chas. A.....	6.00
United States Envelope Co.....	20.76	Capital Traction Co.....	5.00
Yawman & Erbe Manufacturing Co.....	23.30	Elliott Co.....	37.78
Total.....	138.79	Hatch, K. L.....	50.00
		McFarland, John.....	3.00
		Meyer, S. N.....	11.25
		Munson Supply Co.....	18.00



## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations (farmers' institutes), 1907, \$5,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies</i> —Continued.		<i>Telegraph.</i>	
Okonite Co. (Limited).....	\$7. 83	Postal Telegraph-Cable Co.....	\$1. 95
Remington Typewriter Co.....	80. 00	Western Union Telegraph Co.....	. 96
Topham, James S.....	12. 00	Total.....	2. 91
Wilson, Elmira T.....	125. 00	<i>Apparatus, instruments, and laboratory material.</i>	
Total.....	482. 26	Pullman, E. J.....	7. 62
<i>Furniture.</i>		<i>Travel and station and field expenses.</i>	
Woodward & Lothrop.....	\$4. 69	Crosby, D. J.....	189. 95
Yawman & Erbe Manufacturing Co..	32. 30	Hamilton, John.....	549. 41
Total.....	36. 99	Sampson, H. O.....	73. 30
<i>Express.</i>		Total.....	812. 66
Adams Express Co.....	9. 35		
United States Express Co.....	. 90		
Total.....	10. 25		

Total amount of appropriation..... \$5,000. 00  
 Total expenditures under above groups..... 4,584. 15

Unexpended balance..... 415. 85

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Nutrition investigations, 1907, \$20,000."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Langworthy, C. F.....	Chief, at \$2,400.....	\$2,400. 00	\$256. 95
Milner, Robert D.....	Assistant, at \$1,800.....	1,125. 00	
Knight, H. L.....	Scientific assistant, at \$1,000.....	83. 33	84. 90
Emerson, Edith O.....	Clerk, at \$840.....	16. 33	
Maddux, Sadie K.....	Stenographer and typewriter, at \$840.....	478. 33	
Carter, Alonzo.....	Painter, at \$3.50 per diem.....	42. 00	
Smith, Andrew J.....	do.....	35. 00	
Eidsness, M. L., jr.....	Manual assistant, at \$5 per month.....	30. 00	
Total.....		4,209. 99	
<i>Out of Washington.</i>			
Benedict, Francis G.....	Physiological chemist, at \$1,800.....	1,500. 00	516. 52
Milner, R. D.....	Assistant, at \$1,400.....	408. 33	
Sherman, H. C.....	Assistant, at \$1,200.....	700. 00	
Carpenter, T. M.....	Scientific assistant, at \$1,200.....	610. 00	67. 28
Pratt, H. A.....	Scientific assistant, at \$1,000.....	641. 66	
Woods, Chas. D.....	Expert assistant, at \$1,000.....	1,000. 00	
Harder, F. W.....	Computer, at \$900.....	120. 00	
Manning, C. R.....	Computer, at \$780.....	6. 50	
Leonard, A. A.....	Agent, at \$3 per diem.....	102. 00	
Hartman, R. R.....	Agent, at \$50 per month.....	270. 00	
Alling, H. L.....	Agent, at \$2 per diem.....	40. 00	
Grant, H. A.....	do.....	6. 00	
Williamson, W. R.....	do.....	62. 00	
Wright, E. J.....	do.....	150. 00	
Leslie, W. H.....	Agent and expert, at \$60 per month.....	460. 00	
Morgan, H. C.....	do.....	200. 00	
Atwater, H. W.....	Expert, at \$75 per month.....	825. 00	
Fletcher, F. P.....	Expert, at \$50 per month.....	240. 00	
Darling, A. N.....	Clerk, at \$1,000.....	566. 65	
Falsey, Mae.....	Stenographer and typewriter, at \$720.....	460. 00	
Total.....		8,368. 14	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Nutrition investigations, 1907, \$20,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture—Continued.</i>	
Andrews Paper Co., R. P. . . . .	\$24.25	Yawman & Erbe Manufacturing Co. . . . .	\$67.04
Contingent Expenses, Department of Agriculture. . . . .	19.87	Total . . . . .	352.70
Morrison Paper Co., E. . . . .	3.75	<i>Freight.</i>	
Parker, D. Frank. . . . .	4.00	Littlefield, Alvord & Co. . . . .	2.36
Stott & Co., Chas. G. . . . .	3.75	Pennsylvania R. R. Co. . . . .	5.67
Swayze, W. L. . . . .	3.20	Total . . . . .	8.03
Total . . . . .	58.82	<i>Express.</i>	
<i>Miscellaneous supplies, etc.</i>		Adams Express Co. . . . .	9.10
Barber & Ross. . . . .	10.43	United States Express Co. . . . .	.43
Bunce, James H. . . . .	17.92	Total . . . . .	9.53
Cornwell & Sons, G. G. . . . .	6.99	<i>Telegraph.</i>	
Dice, N. V. . . . .	.50	Western Union Telegraph Co. . . . .	4.65
Dyer, Wm. H. . . . .	27.00	<i>Gas and electricity.</i>	
Elson, F. W. . . . .	3.25	Middleton Gas Light Co. . . . .	15.40
Felt & Tarrant Manufacturing Co. . . . .	13.30	Wesleyan University. . . . .	159.95
Goldenberg, M. . . . .	1.33	Total . . . . .	175.35
Grindley, H. S. . . . .	500.00	<i>Apparatus, instruments, and laboratory material.</i>	
Harris & Shafer Co. . . . .	8.40	Bausch & Lomb Optical Co. . . . .	80.04
Jaffa, M. E. . . . .	1,000.00	Davol Rubber Co. . . . .	5.36
Kinne, Helen. . . . .	400.00	Eimer & Amend. . . . .	24.60
Lambie Co. (Incorporated), J. B. . . . .	2.50	Pullman, E. J. . . . .	3.00
Merrill, L. H. . . . .	500.00	Whitall, Tatam Co. . . . .	18.00
Mitchell, Margaret J. . . . .	50.00	Total . . . . .	131.00
Morrey, J. B. . . . .	3.00	<i>Travel and station and field expenses.</i>	
Munson Supply Co. . . . .	10.50	Avel, Mary H. . . . .	14.35
Muth & Co., Geo. F. . . . .	1.70	Benedict, F. G. . . . .	516.52
Nicholson & Son, Jas. A. . . . .	20.00	Carpenter, Thorne M. . . . .	67.28
Norton, Alice P. . . . .	200.00	Knight, H. L. . . . .	84.90
Oliver Typewriter Co. . . . .	6.65	Langworthy, C. F. . . . .	256.95
Remington Typewriter Co. . . . .	91.80	Milner, R. D. . . . .	120.30
Scientific Engraving Co. . . . .	8.00	Mitchell, Margaret J. . . . .	11.55
Sinclair, J. E. . . . .	300.00	Total . . . . .	1,071.85
Smedley, Emma. . . . .	100.00	<i>Total amount of appropriation . . . . .</i>	
Snyder, Harry. . . . .	1,300.00	<i>Total expenditures under above groups . . . . .</i>	
Somerville Co., Thos. . . . .	10.44		
Uber, Samuel. . . . .	4.50		
Woodward & Lothrop. . . . .	1.85		
Total . . . . .	5,600.28		
<i>Furniture.</i>			
Atwater, W. O. . . . .	209.50		
Library Bureau. . . . .	1.80		
Moses & Sons, W. B. . . . .	33.75		
Woodward & Lothrop. . . . .	40.61		
		<i>Unexpended balance . . . . .</i>	
		9.66	
		<i>Total amount of appropriation . . . . .</i>	
		\$20,000.00	
		<i>Total expenditures under above groups . . . . .</i>	
		19,990.34	
		<i>Unexpended balance . . . . .</i>	
		9.66	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Irrigation and drainage investigations, 1907, \$122,200."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Mead, Elwood	Chief of irrigation investigations, at \$3,000	\$2,841.67	\$1,915.00
Teele, R. P.	Editorial assistant, at \$2,000	2,000.00	
Woodward, S. M.	Irrigation engineer, at \$2,000	2,000.00	881.53
Fleming, B. P.	Irrigation engineer, at \$1,500	1,500.00	204.05
Wright, J. O.	Expert, at \$2,250	2,250.00	757.43
Kipp, H. A.	Expert, at \$1,200	1,200.00	213.80
Miller, D. G.	Agent, at \$1,000	750.00	533.04
Pierce, P. L.	Agent, at \$75 per month	175.00	149.63
Johnston, A. F.	Agent and expert, at \$1,600	1,600.00	133.85
Milner, R. D.	Assistant, at \$1,800	150.00	120.30
Singleton, F. E.	Computer, at \$1,500	1,500.00	
Darrow, A. N.	Draftsman, at \$125 per month	895.83	
Pohlgers, Geo. F.	do	412.50	
Ross, Louise	Stenographer, at \$1,000	291.66	
Emerson, Edith O.	Clerk, stenographer, and typewriter, at \$75 per month; clerk, at \$840, and stenographer and typewriter, at \$480 per annum	336.34	
Maddux, Sadie K.	Stenographer and typewriter, at \$840	70.00	
Alexander, Emma C.	Stenographer and typewriter, at \$70 per month	343.00	
Marshall, Margaret	do	105.00	
Carter, Alonzo	Painter, at \$3.50 per diem	17.50	
Wood, Henry S.	do	42.00	
Tallent, G. A.	Messenger, at \$540	321.00	
Jones, Charles	Messenger, at \$480	180.00	
Lehmann, W. G.	do	265.33	
Noone, Sarah A.	Charwoman, at \$480	440.00	
Deffel, Minnie	Charwoman, at \$20 per month	4.00	
Total		19,690.83	
<i>Out of Washington.</i>			
Elliott, C. G.	Drainage engineer, at \$2,500	2,500.00	1,080.72
Stewart, John T.	Drainage engineer, at \$1,800	1,800.00	2,240.31
McCrorry, Samuel H.	Drainage engineer, at \$1,500	750.00	363.59
Brown, C. F.	Drainage engineer, at \$1,400	1,400.00	991.41
Fortier, Samuel	Irrigation engineer, at \$2,000	2,000.00	3,501.53
Herrmann, F. C.	do	1,116.66	735.59
Fuller, Paul E.	Irrigation engineer, at \$1,800	620.00	382.27
Stover, A. P.	do	1,800.00	911.28
Tait, Clarence E.	Irrigation engineer, at \$1,600	1,600.00	805.03
McLaughlin, W. W.	Irrigation engineer, at \$1,500	250.00	
Nowell, Herbert T.	Irrigation engineer, at \$200 per month	250.00	
Raschbacher, H. G.	Irrigation engineer, at \$1,200	500.00	
Wright, Albert E.	do	600.00	331.05
Stout, O. V. P.	Irrigation engineer, at \$1,000	1,000.00	88.30
Lory, Chas. A.	Irrigation manager, at \$2,250	131.25	175.30
Etcheverry, B. A.	Expert, at \$10 per diem	100.00	
Simons, S. Lewis	do	250.00	412.68
Gregory, W. B.	Expert, at \$6 per diem	1,286.00	436.98
Zintheo, C. J.	Expert, at \$2,000	166.66	
Roeding, F. W.	Expert, at \$1,600, and irrigation manager, at \$2,250	1,708.33	2,086.84
Jayne, S. O.	Expert, at \$1,500, and irrigation manager, at \$1,800	1,550.00	656.00
Morgan, E. R.	Expert, at \$1,500	112.50	
Nelson, Elias	Expert, at \$1,200	1,200.00	202.80
Payne, J. E.	do	300.00	141.25
Lucke, Chas. E.	Expert, at \$1,000	958.34	1,129.27
Hidinger, L. L.	Expert, at \$90 per month and \$1,200 per annum	1,067.00	
Martin, J. W.	Expert, at \$90 and \$120 per month	786.00	261.61
Gehring, H. A.	Expert, at \$80 per month	146.67	135.39
Culbertson, H.	Agent and expert, at \$100 per month	700.00	354.10
True, Gordon H.	do	1,200.00	
Singletary, J. S.	Agent, at \$150 per month	340.00	
Gordon, John H.	Agent, at \$125 per month, and irrigation farmer, at \$1,200 per annum	1,425.00	14.65
Mahoney, R. E.	Agent, at \$110 per month	502.33	185.36
Funderhild, Paul	Agent, at \$100 per month	316.67	62.22
Reed, Charles E.	do	100.00	53.70
West, Geo. F.	do	300.00	32.02
Wilson, James A.	do	183.33	96.11
Downey, Morton H.	Agent, at \$1,200 per annum and \$150 per month	450.00	256.22
Miller, W. G.	Agent, at \$90 per month	138.00	



## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Irrigation and drainage investigations, 1907, \$122,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Con.</i>			
Shafer, Fred F.	Agent, at \$90 per month.	\$204.00	
Fairley, Omer.	Agent, at \$1,000.	1,000.00	\$727.53
Cone, Victor M.	Agent, at \$75 per month.	677.50	572.12
Brett, Lawrence.	Agent, at \$75 and \$100 per month.	1,097.50	2,550.26
Taylor, Henry W.	Agent, at \$75 per month.	112.50	52.95
Dickson, J. R.	Agent, at \$70 and \$100 per month.	469.34	121.83
Eason, Frank G.	do.	471.67	121.03
Erich, P. A.	Agent, at \$65 per month.	106.17	24.30
Erichill, R. G.	Agent, at \$60 per month.	444.00	197.62
Lawson, Angus.	Agent, at \$50 per month.	400.00	
Rivers, Charles.	Agent, at \$50 and \$60 per month.	660.00	
Zappone, C. R., jr.	Agent, at \$40 per month.	54.67	
Chadwick, E. W.	Agent, at \$40 and \$60 and \$75 per month.	608.67	499.61
Criswell, J. H.	Agent, at \$25 per month.	115.00	
Payne, M. B.	Agent, at \$3.20 per diem.	24.00	
Fugate, F. M.	Agent, at \$3 per diem.	75.00	3.20
Hoif, Edward J.	Expert mechanician, at \$1 500.	895.83	.50
Lauck, W. H.	Special agent, at \$50 and \$75 per month.	800.00	1,182.06
King, M. L.	Collaborator, at \$25 per month.	50.00	
Stanfield, R. B.	Collaborator, at \$5 per month.	20.00	
Adams, Amy B.	Clerk, stenographer, and typewriter, at \$1,000.	83.33	
Ervin, Guy.	Stenographer and typewriter, at \$1,000.	1,000.00	
Shields, Margaret J.	Clerk, at \$840.	11.67	
Parker, A. K.	Level man, at \$125 per month.	212.50	
Dupuis, T. H.	Level man, at \$100 per month.	93.33	
Stuart, W. B.	do.	170.00	
Bramley, Ben.	Rodman, at \$75 per month.	70.00	
Harris, E. E.	do.	52.50	
Keith, W. J.	do.	52.50	
Lindsey, James.	do.	60.00	
Wright, F. E.	do.	117.50	
Hicks, E. F.	Rodman, at \$70 per month.	11.67	
McCants, Paul W.	Rodman, at \$60 per month.	235.00	
Bahr, David.	Rodman, at \$40 per month.	149.36	
Easterby, F. C.	Rodman, at \$40, and chain man and rodman, at \$50 per month.	79.00	
Waring, Simons V.	do.	71.50	
McGeorge, H. L.	Rodman, at \$2.50 per diem.	17.50	
McCants, Henry J.	Rodman, at \$1.25 per diem.	110.63	
Hamill, L. M.	Chain man, at \$70 per month.	114.34	
Hilm, E. W.	do.	140.00	
Lincoln, L. W.	Chain man, at \$2 per diem.	6.00	
Allan, Samuel L.	Chain man, at \$1.25 per diem.	26.25	
Bahr, David.	do.	36.25	
Campbell, D. P.	do.	5.00	
Bolton, Joe.	Axman, at \$52 per month.	17.33	
Canada, Albert.	do.	8.67	
Ervig, Elther.	Axman, at \$52, and rodman, at \$75 per month.	77.13	
Fulcher, F. H.	Axman, at \$52 per month.	8.67	
Reed, J. R.	do.	12.13	
Brown, Henry.	Axman, at \$45 and \$32 per month.	63.40	
Hall, Arthur.	Axman, at \$45 per month.	16.50	
Sims, M.	do.	12.00	
Perry, James.	Axman, at \$1.25 per diem.	37.50	
Williams, Owen.	do.	35.00	
Brooks, John.	Axman, at \$1 per diem.	2.25	
Brown, William.	do.	56.00	
Davis, Richard.	do.	20.00	
Rush, Geo.	Rodman, at \$75 per month.	42.50	
Deas, Thomas.	Axman, at \$1 per diem.	55.00	
Fraser, Sam.	do.	26.65	
Gadsden, Chas.	do.	12.00	
Manizo, Isaac.	do.	29.00	
Mitchell, Henry.	do.	22.00	
Rivers, Richard.	do.	27.00	
White, Tom.	do.	24.00	
Smith, W. T.	Chain man and rodman, at \$50 per month.	157.49	
Rivers, Jake.	Stake man, at \$1 per diem.	27.00	
Wilson, Fred.	Flagman, at \$1 per diem.	9.00	
Total.		43,714.64	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Irrigation and drainage investigations, 1907, \$122,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Alteneder & Sons, Theo. ....	\$5.41	Johnson, C. T. ....	\$500.00
Andrews Paper Co., R. P. ....	170.12	Keith, C. W. ....	75.25
Ballantyne, R. Carter. ....	25.15	Kellogg Switchboard and Supply Co.	17.50
Cardwell, G. R. ....	14.87	Killin & Co., J. M. ....	24.66
Contingent expenses, Department of Agriculture. ....	205.87	Lamb & Tilden. ....	43.94
Davison & Co., H. C. ....	8.64	Lambie Co. (Incorporated), J. B. ....	2.25
Hoeckel Blank Book Co., C. F. ....	15.25	Lawrence, S. B., jr. ....	41.08
Lamb & Tilden. ....	5.25	Lee Pioneer Seed Co. ....	18.45
Library Bureau. ....	70.00	Lewis, R. E. ....	21.00
Morrison Paper Co., E. ....	32.05	Lufkin Rule Co. ....	9.53
Parker, D. Frank. ....	9.25	Luitwieler Pumping Engine Co. ....	586.86
Schmidt, J red A. ....	218.64	Lutz & Co. ....	7.50
Sharp & Sons, F. ....	8.75	McGranahan & Frederick. ....	711.00
Stockett, Fiske Co. ....	3.40	Mercer, C. T. ....	13.15
Swayze, W. L. ....	65.62	Mine and Smelter Supply Co. ....	48.45
United States Envelope Co. ....	64.14	Miracle Pressed Stone Co. ....	17.00
Yawman & Erbe Manufacturing Co. ....	85.06	Monarch Typewriter Co. ....	204.75
		Munson Supply Co. ....	7.00
Total. ....	1,016.44	Muth & Co., Geo. F. ....	34.00
		National Electric Supply Co. ....	6.40
<i>Miscellaneous supplies, etc.</i>		Nawrath, J. P. ....	4.65
Aermotor Co. ....	72.00	Okonite Co. (Limited) ....	139.50
Altman & Co., H. ....	11.50	Orr & Lockett Hardware Co. ....	86.36
Ayer & Son, N. W. ....	5.00	Ost, J. P. ....	87.45
Baird Mercantile Co., J. L. ....	189.69	Palin & Orendorf Plow Co. ....	103.75
Barber & Ross. ....	7.35	Platner Implement Co. ....	245.10
Barrett Hicks Co. ....	198.00	Post-Office Department (D. C.) ....	9.60
Black, P. J. ....	132.31	Quartermaster's Department. ....	133.20
Blake, Edmund M. ....	200.00	Ragland, R. S. ....	730.00
Bruce & Hall. ....	25.00	Rand-McNally & Co. ....	30.00
CapitalTraction Co. ....	8.00	Rau, John C. ....	7.55
Challenge Co. ....	127.82	Remington Typewriter Co. ....	177.00
Church & Stephenson. ....	33.88	Ricketts, J. H. ....	19.10
Colorado Sheet Metal Works. ....	515.25	Roche Dry Battery Co., Wm. ....	15.00
Colorado Moline Plow Co. ....	42.07	Rodgers, C. W. ....	10.65
Colorado Nursery Co. ....	45.89	Roedel, F. A. ....	247.49
Crook Bros. Co. ....	218.69	Schieren & Co., Chas. ....	30.74
Cook, P. S. ....	14.79	Scientific Engraving Co. ....	6.50
Corvallis Sawmill Co. ....	71.04	Security Vault and Metal Works. ....	29.60
Cotton, Chas. S. ....	302.40	Shannon Livery Co. ....	79.50
Deere & Co. ....	70.00	Smith, Chas. F. ....	8.66
Deere Plow Co., John. ....	260.95	Smith, Simon. ....	21.00
Dempster Mill Manufacturing Co. ....	563.51	Somerville Co., Thos. ....	324.00
Denver Fire Clay Co. ....	37.25	Standard Oil Co. ....	23.18
Denver Sheet Metal Works Co. ....	52.50	Standard Plate Glass Co. ....	5.79
Dildine, F. R. ....	6.00	Stevens Implement Co., Sydney. ....	79.61
Dimock & Ink Co. ....	73.57	Stimson, J. E. ....	51.00
Donahoo, Emmons & Co. ....	120.00	Thomas Clock Co., Seth. ....	13.40
Duling, J. E. ....	106.00	Thompson, C. W. ....	11.51
Du Perow, M. ....	57.95	Tower, Charlemagne. ....	4.95
Dupuis, T. H. ....	106.67	Utah Fire Clay Co. ....	1,208.18
Dyer, Wm. H. ....	4.00	Vick, R. W. ....	12.00
Ellis Keystone Agricultural Works. ....	230.00	Vulcan Sheet Metal Co. ....	49.50
Ewing-Meckle Electric Co. ....	49.89	Walford, D. N. ....	12.00
Fairbanks, Morse & Co. ....	332.85	War Department. ....	12.36
Fillmore, A. J. ....	48.00	Welter, Leslie. ....	100.00
Flint & Walling. ....	167.73	West Publishing Co. ....	2.50
Garvin Machine Co. ....	49.19	Western Lumber Co. ....	164.46
Gasch & Sons, Richard. ....	1.00	Whitson, A. R. ....	700.00
Geary, E. L. ....	15.00	Wright, F. E. ....	220.50
Goldsmith Sign Co. ....	4.00	Wright & Lawson. ....	41.70
Goodman, A. L. ....	6.00	Youngblood, C. J. ....	25.00
Gordon, John H. ....	87.67		
Grant Gear Works. ....	7.60	Total. ....	14,927.31
Grant Carriage Co., J. M. ....	92.95		
Green Bay Cot Co. ....	3.75	<i>Furniture.</i>	
Hazard, Edna. ....	125.00	Gottwalls, W. O. ....	105.00
Hazelton, E. P. ....	7.00	Hoeko, W. H. ....	209.53
Hendric & Bolthoff Manufacturing and Supply Co. ....	705.49	Moses & Sons, W. B. ....	389.11
Hoff, E. J. ....	38.57	Pembroke Stationery Co. ....	37.50
Huntington Lumber Co. ....	76.91	Schmidt, O. H. ....	66.00
International Harvester Co. of Amer- ica. ....	563.82	Woodward & Lothrop. ....	79.74
January & Mercer. ....	151.90	Yawman & Erbe Manufacturing Co. ....	103.79
		Total. ....	990.67

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Irrigation and drainage investigations, 1907, \$122,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight.</i>		<i>Printing and binding.</i>	
Baltimore and Ohio R. R. Co.....	\$0.72	Public Printer.....	\$4,926.33
Chicago, Burlington and Quincy Rwy. Co.....	26.37	<i>Travel and station and field expenses.</i>	
Littlefield, Alvord & Co.....	20.15	Brett, Lawrence.....	2,580.26
Pennsylvania R. R. Co.....	11.57	Brich, P. A.....	24.30
Total.....	58.81	Brown, C. F.....	991.41
<i>Express.</i>		Chadwick, E. Wallace.....	499.61
Adams Express Co.....	290.88	Cone, Victor M.....	572.12
United States Express Co.....	67.84	Cosgrove, James.....	283.15
Total.....	358.72	Culbertson, H.....	354.10
<i>Telegraph.</i>		Dickson, John R.....	121.83
Postal Telegraph Cable Co.....	14.07	Downey, Morton H.....	256.22
Western Union Telegraph Cable Co..	101.64	Downs, A. C.....	21.31
Total.....	115.71	Eason, Frank C.....	121.03
<i>Telephone.</i>		Elliott, C. G.....	1,080.72
Chesapeake and Potomac Telephone Co.....	10.87	Fairley, Omer.....	727.53
<i>Rent.</i>		Fleming, Burton P.....	204.05
Warren Mercantile Co., F. E.....	720.00	Fortier, Samuel.....	3,801.53
<i>Apparatus, instruments, and labora- tory material.</i>		Fugate, Fred M.....	3.20
Altender & Sons, Theo.....	47.93	Fuller, Paul E.....	382.27
Bausch & Lomb Optical Co.....	81.38	Funderhide, Paul.....	62.22
Bristol Co., The.....	60.00	Gehring, H. A.....	135.39
Cheyenne Trunk Factory.....	10.00	Gordon, John H.....	14.65
Dietzen Co., Eugene.....	288.01	Gregory, W. B.....	436.98
Evans, Henry.....	1.00	Hemphill, R. G.....	197.62
Fairbanks, Morse & Co.....	53.31	Herrman, F. C.....	735.59
Feast & Co., H. D.....	.75	Hidinger, L. L.....	1,129.27
Friez, Julien P.....	35.20	Hoff, Edward J.....	.50
Gurley, W. & L. E.....	570.94	Jayne, S. O.....	656.00
Haloid Co., The.....	47.70	Johnston, Augusta F.....	133.85
Hoff, Ed. J.....	50.00	Kipp, K. A.....	213.80
Keuffel & Esser Co.....	110.89	Lauck, W. H.....	1,182.06
Neptune Meter Co.....	425.18	Lory, Chas. A.....	175.30
Pullman, E. J.....	40.15	McCrorry, Samuel H.....	363.59
Queen & Co.....	1.92	Mahoney, Robert E.....	185.36
Roedel, A. E.....	5.20	Martin, James W.....	261.61
Schmidt, Fred A.....	25.00	Mead, Elwood.....	1,915.00
Sheetz, W. Silas.....	48.70	Miller, Dalton G.....	533.04
Stimson, J. E.....	21.00	Nelson, Elias.....	202.80
Total.....	1,924.26	Payne, J. E.....	141.25
		Pierce, P. L.....	149.63
		Read, Chas. E.....	53.70
		Roeding, F. W.....	2,086.84
		Simons, S. Lewis.....	412.68
		Stewart, John T.....	2,240.31
		Stout, O. V. P.....	88.30
		Stover, A. P.....	911.28
		Tait, C. E.....	805.03
		Taylor, Henry W.....	52.95
		West, Geo. F.....	32.10
		Williams, L. S.....	8.81
		Wilson, Jas. A.....	96.11
		Woodward, S. M.....	881.53
		Wright, A. E.....	31.05
		Wright, J. O.....	757.43
Total.....		Total.....	29,597.33
Total amount of appropriation.....			\$122,200.00
Total expenditures under above groups.....			118,051.92
— Unexpended balance.....			4,148.08
— Repayment to credit of appropriation.....			10.00
— Net unexpended balance.....			4,158.08



## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Agricultural experiment stations, fund from sale of card indexes, \$569.55."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Morman, James B. ....	Clerk and editorial assistant, at \$1,200. ....	\$500. 00	.....
Yawman & Erbe Manufacturing Co., stationery .....			\$4. 40
Total amount available .....			569. 55
Total expenditures under above groups .....			504. 40
Unexpended balance on June 30, 1907, which is available until used .....			65. 15

## RECAPITULATION.

Statutory salaries .....	\$29,045. 77
Lump-fund salaries:	
In Washington .....	46,721. 12
Outside of Washington .....	52,374. 45
Stationery .....	1,490. 36
Miscellaneous supplies and services, equipment, books, machinery, etc. ....	21,892. 39
Furniture .....	1,090. 26
Freight .....	115. 57
Express .....	389. 31
Telegraph .....	145. 58
Telephone .....	27. 77
Rent .....	1,636. 63
Gas and electricity .....	184. 43
Apparatus, instruments, and laboratory material .....	2,068. 48
Printing and binding .....	4,926. 33
Travel and station and field expenses .....	34,754. 98
	197,463. 43
Insular stations:	
Alaska .....	\$18,000. 00
Hawaii .....	20,000. 00
Porto Rico .....	15,000. 00
	53,000. 00
(The above amount appropriated by Congress for insular stations was expended by temporary disbursing agents in charge of stations.)	
Total expenditures for entire Office of Experiment Stations .....	250,463. 43
Total of all appropriations, less \$720,000 for State experiment colleges, disbursed by Treasury .....	\$254,800. 00
Amount derived from sale of card indexes .....	569. 55
	255,429. 55
Total expenditures as above .....	250,463. 43
Unexpended balance .....	4,966. 12
Amount available until used .....	65. 15
Balance .....	4,900. 97
Repayment to credit of appropriations .....	10. 00
Net unexpended balance September 30, 1907 .....	4,910. 97
Outstanding liabilities (estimated) .....	3,595. 00
Balance to be turned back in Treasury (estimated) .....	1,315. 97

## OFFICE OF EXPERIMENT STATIONS—Continued.

## PROJECTS.

The principal projects conducted by the Office of Experiment Stations during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

*Office of Experiment Stations, 1907.*

Salaries, statutory.....		\$29, 160. 00
Salaries paid.....	\$29, 045. 77	
Unexpended balance.....	114. 23	
Total.....	29, 160. 00	

*Agricultural Experiment Stations, 1907.*

Supervision of the work and expenditures of 59 agricultural experiment stations in 48 States and Territories, and Alaska, Hawaii, and Porto Rico, and promotion of their general interests. The preparation of 85 publications based on the work of over 1,000 agricultural experiment stations and kindred institutions throughout the world, and 800 cards of the index of experiment station literature. Preparation of summaries of the reports of agricultural investigations made by the agricultural experiment stations and kindred institutions in the United States and over 50 other countries, in order to give prompt information regarding such investigations to the workers in similar lines in this Department and the agricultural experiment stations and to teachers and students in the agricultural colleges and schools. This information is published monthly in the Experiment Station Record. This journal also contains articles suggesting lines of work for the stations and advice regarding their work and management as provided for in section 3 of the act of Congress of March 2, 1887.....

Salaries.....	\$19, 519. 30	25, 500. 00
Travel.....	3, 273. 14	
Rent.....	916. 63	
Supplies, etc.....	1, 577. 78	
Balance, September 30, 1907.....	213. 15	
Total.....	25, 500. 00	

## INSULAR STATIONS.

*Agricultural Experiment Stations, Alaska, 1907.*

Maintenance of a central experiment station and three branch stations to investigate the agricultural and horticultural resources of Alaska, development of animal industry, dairying, etc., including \$3,000 for the purchase and introduction of live stock for experimental purposes.....

General expenses:		\$18, 000. 00
Salaries.....	\$8, 210. 33	
Labor.....	4, 222. 28	
Travel.....	623. 96	
Supplies, etc.....	1, 935. 90	
Live stock:		14, 992. 47
Travel.....	117. 50	
Cattle.....	1, 900. 00	
Freight, feeding, and care of cattle.....	954. 31	
Total.....		2, 971. 81
Total.....		17, 964. 28
Balance, September 30, 1907.....		35. 72
Total.....		18, 000. 00

## OFFICE OF EXPERIMENT STATIONS—Continued.

*Agricultural Experiment Station, Hawaii, 1907.*

Maintenance of an experiment station at which studies are made on diversified agriculture with reference to the peculiar needs of the country, and scientific investigations in chemistry, entomology, horticulture, etc., including \$5,000 to provide a water supply for the use of the station.		\$20,000.00
General expenses:		
Salaries.....	\$8,266.66	
Labor.....	2,360.30	
Travel.....	101.30	
Supplies, etc.....	4,270.60	
		14,998.86
Water supply:		
Labor.....	983.75	
Materials.....	4,016.14	
		4,999.89
Total.....		19,998.75
Balance, September 30, 1907.....		1.25
Total.....		20,000.00

*Agricultural experiment station, Porto Rico, 1907.*

Maintenance of a station to carry on experiments in agronomy, entomology, horticulture, coffee culture, and scientific investigations along various lines of agriculture.....		\$15,000.00
Salaries.....	\$7,711.01	
Labor.....	4,315.79	
Travel.....	464.72	
Supplies, etc.....	2,508.15	
		\$14,999.67
Balance, September 30, 1907.....		.33
Total.....		15,000.00

## FARMERS' INSTITUTES.

For investigating and reporting upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations and of improved methods of agricultural practice.....		5,000.00
Salaries.....	\$3,092.67	
Travel.....	808.66	
Supplies, etc.....	678.82	
Balance, September 30, 1907.....	415.85	
Total.....		5,000.00

## NUTRITION INVESTIGATIONS, 1907.

Planning and supervision of investigations in 11 States; compilation of results of similar investigations throughout the world; preparation of reports, farmers' bulletins, and abstracts of current literature; correspondence, especially with agricultural colleges, experiment stations, schools, penal and charitable institutions; supervision of dietary studies in public institutions.....		\$5,872.48
Investigating the comparative digestibility and nutritive value of fruits and nuts, the possibility of supplying from such foods a considerable portion of the nutrients and energy required per day; the comparative economy of fruits and nuts as sources of energy; the relative nutritive value of preserved and dried fruits and nut butters and other nut preparations; the effect upon digestibility of consuming made dishes containing fruits or nuts as compared with simple fruit or nut rations of equivalent nutritive value, in cooperation with the California Agricultural Experiment Station and the University of California, Berkeley, Cal. ...		1,000.00



## OFFICE OF EXPERIMENT STATIONS—Continued.

Investigating the digestibility and food value of green curd and cheese (American Cheddar) made with different amounts of rennet and cured for different lengths of time; the ease and rapidity of digestion of cheese and value of this food as a source of energy; a study of fundamental laws of nutrition and problems of scientific and practical interest directly concerned with the nutrition of man through the medium of dietary studies and digestion experiments; metabolism experiments and the respiration calorimeter, an instrument of precision devised in connection with the investigations and very largely used, in cooperation with Wesleyan University, Middletown, Conn.....	\$7,067.86
Investigating the losses sustained from cooking meat in different ways, the influence of different methods of cooking on the nutritive value and digestibility of meat, the effect of different kitchen utensils, and method of handling upon flavor and nutritive value; the establishment of standards of quality in cooked meat; the comparative digestibility of different cuts of beef, pork, mutton, veal, and lamb, and the collection of data relative to the food value of meat for the use of teachers in home economics in agricultural colleges and other educational institutions, in cooperation with the Agricultural Experiment Station and College of Agriculture, University of Illinois.....	1,500.00
Investigating the digestibility and nutritive value of different grades of flour, their value for bread baking; the digestibility and nutritive value of cereal breakfast foods and similar products, and of corn and other cereals when made into bread and prepared for the table in other ways; the effects of different methods of grinding corn meal and different methods of preparation upon its nutritive value; the effect of differences in amounts consumed upon nutritive value of corn and other cereal products and upon the thoroughness of digestion of the whole diet; the relative digestibility of made dishes containing cereal products as compared with similar foods eaten separately, etc., in cooperation with the University of Maine.....	1,000.00
Investigating the changes in appearance, flavor, and nutritive value of fruits brought about by the application of heat as in the ordinary household methods of cooking, canning, and preserving; the comparative value of different household methods of cooking and preserving fruits, and factors which affect the keeping quality of canned and preserved fruits, in cooperation with the School of Education, University of Chicago.....	200.00
Investigating the comparative value of different grades of flour, their value for bread making, the use of cereals other than wheat for bread making, effects of different methods of handling flour upon nutritive value and bread-making qualities; the comparative digestibility of flour dishes containing a number of ingredients as compared with simple rations made up of equivalent materials including bread; the influence of different methods of mixing, handling, and baking bread upon flavor, appearance, quality, and nutritive value, and the food value of cereal breakfast foods, cakes, crackers, and similar products, in cooperation with the Minnesota Agricultural Experiment Station and Agricultural College, University of Minnesota.....	1,300.00
Investigating the cooking qualities of corn meal, in cooperation with the Teachers' College, Columbia University, New York.....	400.00
Investigating the nutritive value of corn meal and other corn products, in cooperation with the Maine Agricultural Experiment Station.....	500.00
Investigating the culinary quality of meat, effects of different methods of cooking on flavor and palatability and related questions, in cooperation with the Drexel Institute, Philadelphia.....	50.00
Investigating the ash constituents in typical American diets and a comparison of such data with the results of other investigations, in cooperation with Columbia University.....	300.00
Studies of dietaries in an institution for the aged, in cooperation with the Drexel Institute, Philadelphia.....	100.00

## OFFICE OF EXPERIMENT STATIONS—Continued.

Investigating the amount of different ash constituents in the diet of individuals living under different circumstances and performing different kinds of work; the relative value of different food materials as the source of mineral constituents, the possibility of supplying needed mineral constituents from common or inexpensive food materials; the way in which such constituents in the diet are eliminated, the proportion retained and assimilated, their function in the diet, and the formulation of dietary standards which will show the amount of different mineral constituents required per person per day, in cooperation with the Columbia University.....	\$700.00
Balance, September 30, 1907.....	9.66
Total.....	20,000.00

## IRRIGATION AND DRAINAGE INVESTIGATIONS, 1907.

Arkansas.....	\$1,399.57
California.....	8,808.63
Colorado.....	9,069.25
Florida.....	4,766.75
Idaho.....	1,402.80
Indiana.....	2,779.48
Iowa.....	165.00
Kansas.....	5,510.32
Louisiana.....	2,203.90
Minnesota.....	488.08
Mississippi.....	3,252.53
Nebraska.....	2,283.13
Nevada.....	1,532.10
North Atlantic States.....	831.12
North Dakota.....	2,409.93
Oregon.....	4,332.18
South Carolina.....	5,761.78
Tennessee.....	439.83
Texas.....	2,742.27
Utah.....	4,494.36
Washington.....	3,806.14
Wyoming.....	11,296.92
Tests of denatured alcohol in engines for pumping irrigation water.....	3,491.82
Total.....	83,267.89

## IRRIGATION INVESTIGATIONS.

*On use of water in irrigation.*

California: Studies to determine the losses of irrigation water in present practice, and the efficiency and cost of different methods of preventing these losses, including measurements of losses by seepage from ditches, and experiments to determine the effectiveness and cost of different kinds of canal linings; measurements of evaporation from the surface of soils to which water has been applied at different depths and which have received different degrees of cultivation after irrigation, to determine what methods lead to the greatest economy of water; observations of the percolation of water applied to the soil by different methods to determine the effect of these methods in placing the water where it is of the greatest use to plants and in preventing waste of water either by percolation beyond the root zone or by surface flow. Studies of canal management and operation to determine the effect of different systems upon the economical use of water, and upon the prosperity of the water users, including methods of delivering water to consumers, and charges for water. Studies of methods and cost of preparing land for irrigation and of applying water to different crops for the purpose of determining their efficiency and compiling manuals giving practical directions for the use of beginners in irrigation.....

\$3,798.29

## OFFICE OF EXPERIMENT STATIONS—Continued.

Colorado: Experiments in the irrigation of sugar beets to develop methods by which the crops may be grown with the use of smaller quantities of water, without decreasing either the yield or the quality of the crop or increasing the expense of irrigation; collection of information regarding irrigation with small water supplies on the plains where river water is not to be had, to determine the possibilities of a better utilization of the plains by irrigating small areas in connection with the farming of larger areas without irrigation, or with stockraising; experiments in orchard irrigation to compare the results of ordinary practice with those secured by different methods of applying water, and the use of smaller quantities of water with more intensive cultivation.....	\$1,966.58
Idaho: Collection of information regarding the methods and cost of preparing land for irrigation, and methods of applying water on new land, for the purpose of supplying such information to new settlers; measurements of quantities of water used, with observations of the crop results, to determine the proper quantities of water to be used, and best methods of application. Measurements of seepage losses from canals and studies of methods of preventing them.....	1,402.00
Iowa: Experiments in irrigation of garden crops to determine the value of this use of water in sections where agriculture is successfully carried on without irrigation.....	165.00
Louisiana: Studies of methods of irrigation of rice and measurements of the quantities of water used, for the purpose of developing improved methods and bringing about a more economical use of water, where all water is pumped, and the quantity bears a direct relation to the cost of the products; tests of pumping plants furnishing water for irrigation for the purpose of pointing out possible improvements, and to secure data regarding cost of pumping to be supplied to others wishing to pump water for irrigation.....	1,722.98
Nebraska: Experiments in pumping water for irrigation in the semiarid portion of the State, where stream water is not available, to determine the cost of providing a water supply and the practicability of irrigation in such regions.....	1,007.46
Nevada: Measurement of the quantities of water used in irrigation at points throughout the State, and studies of methods of use, with a view to securing the adoption of better methods and the use of smaller quantities of water.....	1,532.10
Oregon: Studies of methods of preparing land for irrigation and of applying water to crops, with a view to improvements in common practice; measurements of seepage losses from canals, studies of methods adopted to check these losses, and experiments with different methods of treating canals to prevent seepage; measurements of the quantities of water used in irrigation, made in cooperation with the State for the purpose of determining rights to water; studies of the records of claims to water from certain streams of the State.....	4,332.18
Texas: Furnishing expert advice regarding methods of irrigation in sections where irrigation was being introduced; observations on effect of irrigation with water charged with alkali; and studies of methods of applying water and of drainage with reference to the prevention of injury; experiments in irrigation in a section where it is not generally practiced to determine the cost of providing a water supply and the practicability of irrigation.....	2,401.00
Utah: Measurements of the quantities of water used in irrigation along certain streams, made in cooperation with the State engineer, for use in determining rights to water from those streams; experiments in supplying different quantities of water to crops; in applying it at different stages of plant growth to determine the proper quantities to use and the proper times at which to apply it, made in cooperation with the State experiment station.....	112.50
Washington: Collection of information regarding existing canals, irrigation practice, quantities of water used, methods of canal management, need of drainage under irrigation canals, cost of water rights and irrigated lands, for the purpose of supplying such information to intending settlers; measurements of seepage losses from canals and leakage from flumes, and collection of information regarding methods adopted for checking these losses.....	1,630.18



## OFFICE OF EXPERIMENT STATIONS—Continued.

Wyoming: Measurements of water used and collection of information as to irrigation practice, with a view to securing improvements in methods and a more economical use of water.....	\$1, 083. 65
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21, 154. 72
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*On irrigation extension.*

Stations have been established and equipped in the semiarid region to determine the possibilities of irrigation on the plains where stream water is not available in connection with dry farming or stock raising. The work done includes the use of flood water in spring, the storage and use of storm water, pumping with different kinds of engines and windmills, and experiments in applying water by different methods to determine how the largest use can be made of the small supplies available.

Cheyenne, Wyo.....	\$6, 517. 90
Newcastle, Wyo.....	3, 695. 37
Eads, Colo.....	6, 849. 42
	17, 062. 69

## DRAINAGE INVESTIGATIONS.

Arkansas: Ascertaining value of wet lands and outlining general plan for drainage; investigation of practicability of draining prairie lands by roadside ditches and improving natural channels to prevent overflow; assisting in the initiation of actual drainage constructions by giving advice in the formation of drainage districts and in the adoption of the best plans for doing the work.....	1, 399. 57
California: Investigations to determine the feasibility of drainage where water has to be removed by pumping, and the best system for collecting the water, and the best type of machinery for pumping the water where pumping is necessary.....	5, 010. 34
Colorado: Investigations to determine the best methods of draining lands in the San Luis and Arkansas valleys, where excess of water resulting from irrigation and accumulation of alkali threaten to result in the abandonment of large areas once under profitable cultivation.....	253. 25
Florida: Investigation to determine the feasibility of draining the Everglades; the most feasible method and probable cost, and whether lands when drained will be suited to agriculture.....	4, 766. 75
Indiana: A survey of the Kankakee River channel and bordering areas and the preparation of a report outlining in detail plans for channel improvements and drainage construction whose completion will secure the freer discharge of the flood waters of the river and the more complete drainage and reclamation of the valuable agricultural lands of the Kankakee Valley.....	2, 779. 48
Kansas: A comprehensive examination and survey of the Neosho River and its contiguous agricultural bottom lands subject to drainage by overflow for the purpose of determining the best system of improvements to be inaugurated to control the river and protect the adjoining land, and to estimate the probable cost of the work proposed.....	5, 510. 32
Louisiana: Developing plans for drainage of an area of 15,000 acres near Collinston and making a general study of the possibilities of drainage throughout the low lands of the Mississippi Delta.....	480. 92
Minnesota: Experiments to determine the feasibility of the use of tile drains in sections where severe winters obtain.....	488. 08
Mississippi: Investigations to determine the feasibility and approximate cost of a main drainage system for 220,000 acres of land; these studies, including a determination of the practicability of cleaning out and enlarging natural but inadequate drainage outlets and a comparison of the advantages and cost of such work with the advantages and cost of providing new artificial outlets to relieve certain sections of surplus water.....	3, 252. 53
Nebraska: Investigation to determine the efficiency of tile drain in removing surplus water and thus assisting in the reclamation of waterlogged alkalied bottom land in the Platte River Valley.....	1, 275. 67

## OFFICE OF EXPERIMENT STATIONS—Continued.

North Atlantic States: Investigations to determine the value of tidal marshes for agriculture and best methods of reclaiming same, including determination of system of diking to be adopted, methods of building same, methods of getting rid of the interior seepage water and of bringing soil into fit condition for agriculture.....	\$831. 12
North Dakota: Assisting in preparing comprehensive plans for the adequate drainage of large areas in the Red River Valley; investigation to determine the efficiency of tile drains in sections where the ground freezes to a depth of about 6 feet in winter.....	2, 009. 93
South Carolina: Investigation of the drainage of river bottom land to determine whether tidal river land may be protected from the inflow of salt water and fitted for dry-land crops; examination into the conditions which affect the drainage of coast lands in general.....	5, 761. 78
Tennessee: Investigation to determine the kind and cost of improvements required for the protection of valley lands from creek overflow, and probable benefits accruing to landowners.....	439. 83
Texas: Devising methods of drainage by means of which Gulf coast lands may be relieved of salt which has accumulated near the surface since irrigation began; plans for reclamation of bottom lands from overflow..	341. 27
Utah: Experiments and investigations to determine the possibility and profitableness of draining and reclaiming areas of land once under profitable cultivation by irrigation and subsequently injured or ruined by the accumulation of water and alkali; experiments to determine the most practicable materials available for use in constructing under-drains suitable for installation in the various soils found in different counties throughout the State.....	4, 381. 86
Washington: Preliminary plans and estimate of cost of reclaiming 30,000 acres of land by drainage; investigation of land injured by seepage and alkali and preparation of plans for their reclamation.....	2, 175. 96
	<hr/> 41, 558. 66
On denatured alcohol as a possible fuel for producing power for pumping for irrigation and drainage: Tests of alcohol as a fuel for use in the usual types of gasoline and kerosene engines; tests to determine engine modifications necessary for most efficient use of alcohol fuel.....	3, 491. 82
General planning and supervision of irrigation and drainage investigations throughout the United States; preparation of reports, drafting and other work on illustrations, correspondence with field agents and public, purchase of field instruments and accessories, etc.....	16, 791. 86
Maintenance of headquarters for irrigation extension work and central supply and rating station.....	3, 314. 85
Printing of bulletins.....	4, 926. 33
Miscellaneous, supplies, apparatus, furniture, etc.....	9, 750. 99
	<hr/> <hr/>
Total:	
On use of water in irrigation.....	21, 154. 72
On irrigation extension.....	17, 062. 69
On drainage investigations.....	41, 558. 66
On denatured alcohol as a fuel for pumping water for irrigation.....	3, 491. 82
General supervision, preparation of reports, etc.....	17, 744. 04
Maintenance of headquarters for irrigation extension work, etc.....	3, 314. 85
Printing bulletins.....	4, 926. 33
Miscellaneous supplies, etc.....	9, 750. 99
	<hr/> <hr/>
	119, 004. 10
Appropriation.....	122, 200. 00
	<hr/> <hr/>
Balance.....	4, 148. 08

## OFFICE OF PUBLIC ROADS.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Salaries, Office of Public Roads, 1907, \$12,340."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Page, L. W.	Director, at \$2,500	\$2,500.00	\$286.06
Eldridge, M. O.	Chief of records, at \$1,800	1,800.00	44.70
Draper, A. E.	Editorial clerk, at \$1,200	1,200.00	
Pennybacker, J. E., jr.	Clerk, class 1	1,200.00	140.03
Robey, E. R.	do	1,200.00	
Francis, Grace	Clerk, at \$1,000	1,000.00	
Springer, J. F.	do	1,000.00	
Hamilton, N. B.	do	519.44	
Hansen, Leopoldine	do	477.78	
Do.	Clerk, at \$720	306.00	
Waters, M. T.	do	328.00	
Wells, E. M.	do	720.00	

Total amount of appropriation..... \$12,340.00  
 Total amount paid for salaries..... 12,251.22

Unexpended balance..... 88.78

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Public road inquiries, 1907, \$57,660."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Cushman, A. S.	Assistant director, at \$2,400 per annum and \$8 per diem.	\$2,173.33	\$315.88
Pierce, V. M.	Chief engineer, at \$2,000	2,000.00	449.69
Wormley, P. L., jr.	Testing engineer, at \$1,800	1,800.00	91.65
Loder, A. E.	Assistant engineer, at \$1,500	1,500.00	997.40
Dow, Victor W.	Junior assistant engineer, at \$1,000 and \$1,200	879.99	217.71
Rayner, Geo. E.	Expert road-roller operator, at \$100 per month and \$3.90 per diem.	662.00	81.55
Williams, Geo. T.	do	1,208.00	73.65
Eldridge, J. H.	Assistant, at \$1,350 per annum and \$4.40 per diem.	1,352.00	55.69
Hubbard, Prevost	Assistant, at \$1,200	1,200.00	57.24
Grant, Wm.	Student assistant, at \$300	300.00	
Harrison, C. T.	Road expert, at \$125 per month and \$4.90 per diem.	1,515.50	86.39
McClure, Fay.	Road expert, at \$1,350 per annum and \$4.40 per diem.	1,352.95	119.29
McCormick, E. B.	Road expert, at \$3 per diem	210.00	150.06
Pennybacker, J. Ed.	do	150.00	
Schloer, F. H.	Instrument maker, at \$1,200	1,196.67	
Lord, E. C. E.	Petrographer, at \$1,200	1,200.00	
Heidel, B. F.	Civil engineer student, at \$50 per month, and junior assistant highway engineer, at \$1,000 per annum.	611.11	84.59
Martin, R.	Civil engineer student, at \$50 per month	20.00	
Mercader, Leopold	do	550.00	246.07
Morton, R. M.	do	598.33	256.70
Pruett, G. C.	do	203.33	177.74
Rich, J. U. G.	do	593.33	53.74
Thomas, Chas. R.	do	300.00	6.10
Jackson, F. M., jr.	Laboratory apprentice, at \$60 per month	720.00	
Kelsey, Frank G.	Clerk, at \$1,000	722.23	
Tomlinson, W. F.	do	208.33	
Watson, S. M.	Laborer, at \$600	600.00	
Schultz, A. F.	Unskilled laborer, at \$40 per month and \$600 per annum.	595.00	
Tompkins, R. R.	Messenger boy, at \$360 per annum and \$40 per month.	470.00	
Total		24,892.10	



## OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Public road inquiries, 1907, \$57,660"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Lancaster, Sam. C. ....	Special agent and consulting engineer, at \$8 per diem.	\$1,412.00	\$1,117.21
Cooley, G. W. ....	Special agent, at \$8 per diem. ....	112.00	15.45
Marks, L. S. ....	do. ....	344.00	.....
Fletcher, A. B. ....	Special agent, at \$7 per diem. ....	140.00	29.85
King, David W. ....	Road expert, at \$8 per diem. ....	198.00	94.80
Spoon, W. L. ....	Road expert, at \$6 and \$6.50 per diem. ....	1,345.50	252.89
Cooley, Geo. L. ....	Road expert, at \$125 per month and \$4.90 per diem.	1,166.60	355.13
Dodge, J. H. ....	do. ....	986.30	301.75
Haire, D. G. ....	do. ....	623.70	141.40
Evans, Wm. J. ....	Expert road roller operator, at \$100 per month and \$3.90 per diem.	689.30	29.08
Wilbert, Andrew. ....	do. ....	1,013.00	161.45
Rodger, J. H., jr. ....	Expert road roller operator, at \$3.50 per diem. ....	1,039.50	51.89
Hulbert, Archer B. ....	Expert, at \$4 per diem. ....	380.00	261.47
Randall, Delmer W. ....	Junior assistant engineer, at \$75 per month. ....	325.00	96.65
Anderson, A. P. ....	Civil engineer student, at \$600. ....	43.33	52.00
Bowlby, H. L. ....	do. ....	11.67	.....
Voshell, James F. ....	Civil engineer student, at \$50 per month, and junior assistant highway engineer, at \$1,000 per annum.	605.56	442.49
Total. ....	.....	10,635.46	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Public road inquiries, 1907, \$57,660"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Con.</i>	
Andrews Paper Co., R. P. ....	\$1.50	Card Manufacturing Co., S. W. ....	\$2.32
Ballantyne, R. Carter. ....	2.16	Church & Stephenson. ....	42.05
Brentano's (Incorporated). ....	6.00	Collector of taxes, District of Columbia. ....	26.29
Contingent expenses, Department of Agriculture. ....	205.50	Collins, J. Ross. ....	38.50
Library Bureau. ....	9.60	Crocker-Wheeler Co. ....	4.00
Morrison Paper Co., E. ....	4.05	Dennison Manufacturing Co. ....	3.00
Newman, E. S. ....	1.5	Du Perow, M. ....	30.60
Parker, B. Frank. ....	15.25	Elliott Co. ....	51.85
Schmidt, Fred A. ....	72.98	Ergood & Co., J. C. ....	.84
Swayze, W. L. ....	28.46	Francis & Co. ....	24.00
Union Envelope Co. ....	44.38	Galt & Bro. ....	3.45
United States Envelope Co. ....	2.92	General Electric Co. ....	2.75
Yawnan and Erbe Manufacturing Co. ....	10.50	Good Roads Machine Co. ....	60.25
Total. ....	404.80	Grove Lime and Coal Co. ....	9.45
<i>Miscellaneous supplies, etc.</i>		Hammond Typewriter Co. ....	4.50
Allen Manufacturing Co., W. D. ....	2.40	Handy, L. C. ....	4.50
Allis-Chalmers Co. ....	5.62	Hartig, Louis. ....	1.40
Austin-Western Co. (Limited) ....	276.00	Herrmann, Chas. F. ....	1.83
Ballantyne & Co., Wm. ....	.60	Hotel Red Book and Directory Co. ....	3.00
Barber & Ross. ....	1.10	Houck, S. D. ....	1.00
Becker & Co., Chas. ....	5.91	Howard & Morse. ....	22.84
Berger & Sons, C. L. ....	3.00	Iroquois Iron Works. ....	196.00
Bishop & Co., J. ....	26.72	Joyce Engraving Co., M. ....	9.88
Blook, Edw. ....	8.40	Keasbey & Mattison Co. ....	4.59
Boston Gear Works. ....	16.93	Kelly-Springfield Road Roller Co. ....	5,384.85
Bureau of Engraving and Printing. ....	150.00	Killian Co., Geo. P. ....	3.75
Capital Traction Co. ....	15.00	King, W. L. ....	1.50
		Lamb & Tilden. ....	.35
		Lambie Co. (Incorporated), J. B. ....	36.85
		Lansburgh & Bro. ....	.66
		Litteral, Newt. ....	20.00

## OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Public road inquiries, 1907, \$57,660"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Telephone.</i>	
Lutz & Co.....	\$42.50	Chesapeake and Potomac Telephone Co.....	\$31.60
McComas, F. W.....	59.73	<i>Rent.</i>	
Malden & Melrose Gas Light Co.....	75.00	Dierkoph, Geo. H. & Helen.....	1,253.31
Miller, T. W.....	35.00	Hight & Pickford, C. B. & T. H.....	626.66
Monarch Typewriter Co.....	3.15	Young, Rosanna C.....	120.00
Moors Co.....	45.00	Total.....	1,999.97
Murray Lyceum Bureau.....	8.00	<i>Gas and electricity.</i>	
Muth & Co., Geo. F.....	33.13	Potomac Electric Power Co.....	82.50
National Electrical Supply Co.....	27.29	Washington Gas Light Co.....	5.30
Navy Department.....	112.16	Total.....	87.80
New England Quartz Co.....	3.24	<i>Apparatus, instruments, and labora- tory material.</i>	
Port Huron Engine and Thresher Co.....	129.16	Baker & Adamson Chemical Co.....	1.10
Randolph Paper Box Co.....	5.00	Bausch & Lomb Optical Co.....	112.86
Rau, John C.....	11.94	Bishop & Co., J.....	10.35
Reilly, Hugh.....	4.79	Douglass Light Co.....	46.50
Remington Typewriter Co.....	90.00	Eimer & Amend.....	10.78
Rudolph & West Co.....	29.64	Gilman, Z. D.....	34.34
St. Louis Calcium Light Co.....	11.40	Green, H. J.....	1.25
Salem Gas Light Co.....	100.00	Greiner Co., Emil.....	19.74
Schafer & Co., E. G.....	2.03	Gurley, W. & L. E.....	341.70
Seamark, Harry F.....	41.50	Howell, Edwin E.....	.30
Shelby Steel Tube Co.....	8.50	Mackall Bros.....	40.13
Smith Premier Typewriter Co.....	.25	Pullman, E. J.....	46.17
Smoot, L. E.....	2.10	Schmidt, Fred A.....	41.80
Somerville Co., Thos.....	32.05	Sheetz, W. Silas.....	68.00
Standard Oil Co.....	156.70	Thomas Co., A. H.....	34.80
Studebaker Bros. Manufacturing Co.....	200.00	Whitall, Tatum Co.....	.84
Thompson, C. W.....	15.69	Total.....	810.66
Underwood Typewriter Co.....	235.00	<i>Travel and station and field expenses.</i>	
Vanderbilt's Express.....	10.00	Anderson, Andrew P.....	52.00
Walford, D. N.....	.60	Cooley, Geo. L.....	355.13
Whyte, Warren M.....	5.50	Cooley, Geo. W.....	15.45
Woodward & Lothrop.....	2.50	Cushman, A. S.....	315.88
Woolf & Co., C. M.....	6.00	Dodge, J. H.....	301.75
Total.....	8,053.08	Dow, V. W.....	217.71
<i>Furniture.</i>		Eldridge, J. H.....	54.09
Hoeke, W. H.....	3.50	Eldridge, M. O.....	44.70
Moses & Sons, W. B.....	33.45	Evans, Wm. J.....	29.08
Woodward & Lothrop.....	26.57	Fletcher, A. B.....	29.85
Yawman & Erbe Manufacturing Co.....	69.35	Haire, B. G.....	141.40
Total.....	132.87	Harrison, Chas. T.....	86.39
<i>Freight.</i>		Heidel, B. F.....	84.59
Baltimore and Ohio R. R.....	39.35	Hubbard, Prevost.....	57.24
Chesapeake and Ohio Rwy. Co.....	65.60	Hulbert, A. B.....	261.47
Cleveland, Cincinnati, Chicago and St. Louis Rwy.....	146.90	King, D. W.....	94.80
Littlefield, Alvord & Co.....	9.66	Lancaster, Saml. C.....	1,117.21
Norfolk and Western Rwy. Co.....	27.60	Loder, A. E.....	991.29
Pennsylvania R. R. Co.....	3.07	McClure, Fay.....	119.29
Port Huron Engine and Thresher Co.....	45.00	McCormick, E. B.....	150.06
Southern Rwy. Co.....	148.31	Mercader, L.....	246.07
Washington Southern Rwy. Co.....	2.25	Morton, R. M.....	256.70
Total.....	487.74	Page, L. W.....	286.06
<i>Express.</i>		Peirce, Vernon M.....	449.69
Adams Express Co.....	37.57	Pennybacker, J. E., jr.....	140.03
United States Express Co.....	17.14	Pruett, J. C.....	177.74
Total.....	54.71	Randall, D. W.....	96.65
<i>Telegraph.</i>		Rayner, Geo. E.....	81.55
Postal Telegraph-Cable Co.....	18.35	Rich, Joe A. G.....	53.94
Western Union Telegraph Co.....	70.21	Rodger, James A., jr.....	51.89
Total.....	88.56	Spoon, W. L.....	252.89
		Thomas, Chas. R., jr.....	6.10

## OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Public road inquiries, 1907, \$57,660"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—</i> Continued.		<i>Travel and station and field expenses—</i> Continued.	
Voshell, James T. ....	\$442.49	Wormley, P. L., jr. ....	\$91.65
Wilbert, Andrew. ....	161.45		
Williams, Geo. T. ....	73.65	Total. ....	7,387.93
Total amount of appropriation. ....		\$57,660.00	
Total expenditures under above groups. ....		55,067.28	
Unexpended balance. ....		2,592.72	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation  
 "Public road inquiries, 1907, \$57,660"—Continued.

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Iroquois Iron Works. ....	Lease of road roller. ....	\$196.00
Port Huron Engine and Thresher Co. ....	do. ....	129.16
Kelly-Springfield Road Roller Co. ....	do. ....	87.50
Rosanna Young. ....	Lease of stable. ....	120.00
Hight and Pickford. ....	Lease of building. ....	626.66
George H. Dierkoph and wife, Wm. H. Saunders & Co., agents.	do. ....	1,253.31
Total. ....		2,412.63

## RECAPITULATION.

Statutory salaries. ....	\$12,251.22
Lump-fund salaries:	
In Washington. ....	24,892.10
Outside of Washington. ....	10,635.46
Stationery. ....	404.80
Miscellaneous supplies and services, equipment, books, machinery, etc. ....	8,053.08
Furniture. ....	132.87
Freight. ....	487.74
Express. ....	54.71
Telegraph. ....	88.56
Telephone. ....	31.60
Rent. ....	1,999.97
Gas and electricity. ....	87.80
Apparatus, instruments, and laboratory material. ....	810.66
Travel and station and field expenses. ....	7,387.93
Total for entire Office of Public Roads. ....	67,318.50
Total amount of appropriations. ....	70,000.00
Total expenditures under above groups. ....	67,318.50
Unexpended balance on September 30, 1907. ....	2,681.50
Outstanding liabilities (estimated). ....	2,437.99
Balance to be turned back in Treasury (estimated). ....	243.51



## OFFICE OF PUBLIC ROADS—Continued.

## PROJECTS.

The principal projects conducted by the Office of Public Roads during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Object-lesson roads: Work under this project was conducted in 12 States; a total of 200,711 square yards of road was completed, illustrating proper methods of construction of macadam, gravel, shell, earth, and sand-clay; the cost was \$15,349.86 for salaries, \$2,250.21 for traveling expenses, and \$2,395 for freight, supplies, and miscellaneous expenses—a total of....	\$19,995.07
Instruction in highway engineering: Under this project graduates of engineering schools are appointed after a competitive examination to the position of civil-engineer student for a period of one year, during which they receive special training in highway engineering, at the same time rendering service to the Office; this project also covers lectures at colleges; during the past year six of these students were appointed at \$600 per annum; the cost was \$3,494.99 for salaries, \$1,298.39 for expenses—a total of.....	4,793.38
Testing road materials: During the past year 405 samples of road material were received from 41 States, Canada and England, and tests were made to determine their suitability for use in the construction of roads; the cost was \$4,583.41 for salaries, \$288.93 for supplies and miscellaneous expenses—a total of.....	4,872.34
Road mileage, revenues, and expenditures in 1904: During the past two years the Office has been conducting an investigation to ascertain the total road mileage in each of the States by counties, the percentage of roads improved, the revenues available for road work, and the total expenditures for such purposes during the year 1904; this project was completed at the close of the last fiscal year; the cost was \$4,283.49 for salaries, \$152.12 for expenses—a total of.....	4,435.61
Lectures, addresses, and papers: About 150 lectures were given throughout the United States on various subjects connected with road building; this work cost \$1,845.82 for salaries, \$1,810.71 for expenses—a total of..	3,656.53
Special advice and inspection: This project covers all cases where road problems are personally investigated by representatives of this Office; about 40 assignments of this character were made during the last year; the cost was \$1,289.16 for salaries, and \$909.52 for expenses—a total of..	2,198.68
Investigation of dust preventives: The general use of motor vehicles is proving destructive to macadam roads, except in the few instances where the roads have been treated in such manner as to prevent the formation of dust; an investigation has been conducted by this Office in the form of field and laboratory experiments with all known materials, which might prove suitable for this purpose, and all available information was secured as to the methods being followed in European countries; the cost was \$1,222.20 for salaries, \$236.51 for traveling expenses, \$331.70 for materials and miscellaneous expenses—a total of....	1,790.41
Inspection of rural-delivery roads: The Post-Office Department from time to time forwards to this Office a list of rural-route roads which are in bad condition; application forms and information are sent to the postmaster in charge of the bad roads complained of, and, when request is received at this Office, experts are sent to give advice and assistance necessary to enable local authorities to improve the roads; during the year such inspection and advice were given at eighteen places in eight States; the cost was \$636.27 for salaries, \$339.59 for expenses—a total of..	969.86
Standardization of tests: A new impact machine was completed for testing the toughness of road-building rock, and specifications for determining the toughness of rocks were submitted to the American Society for Testing Materials and adopted; work was conducted with a view to standardizing all road-material tests; the cost for salaries was.....	396.67
Classification of road materials: A definite stage was reached in this project and a bulletin issued establishing the correlation of the physical properties and mineral composition of road materials; the cost for salaries was.....	600.00

## OFFICE OF PUBLIC ROADS—Continued.

Cooperation with Forest Service: An engineer of this Office made a thorough inspection of roads and trails in the Yellowstone Forest Reserve and submitted a report containing recommendations and estimates for a system of roads and trails in that reserve; the cost was \$441.67 for salary, \$368.85 for expenses—a total of.....	\$810.52
Investigation of road materials in the several States: An investigation begun in Minnesota in January, 1907, was nearly completed at the close of the fiscal year; the cost was \$112 for salary, \$18.70 for expenses—a total of.....	130.70
Introduction of model systems of road construction, maintenance, and administration: Under this project an engineer is assigned to investigate roads, road materials, equipment, organization, administration, and draw up a report and working plan to secure the best possible results for future work; such investigation was completed in Santa Barbara County, Cal., a little after the close of the fiscal year, and a somewhat similar investigation was completed in McDowell County, W. Va.; the cost was \$250.83 for salaries, \$161.25 for expenses—a total of.....	412.08
Corrosion of iron and steel: An investigation conducted by Dr. A. S. Cushman to ascertain the causes for the corrosion of iron and steel has been remarkably successful; he demonstrated that the generally accepted theories regarding the oxidation of iron and steel are incorrect, and that by coating the surface of these metals with a strong oxidizing agent the rusting can be prevented; the importance of this discovery can not be overestimated; the cost was \$799 for salary, \$17.23 for expenses—a total of.....	816.23
The decomposition of rocks under the action of water: The study of the decomposing action of water on finely-ground rocks conducted by Doctor Cushman has also led to valuable results; the fact has been developed that a better bonded surface can be obtained by mixing rocks, such as limestones, with the more siliceous crystalline rocks; a method has been developed for extracting potash from feldspathic rocks; the cost was \$1,108.33 for salary.....	1,108.33
Concrete and cement: The investigations under this project have been conducted at a cost for salaries of.....	278.00
History of road building: A history of road building has been completed for publication at a cost for salary of.....	344.00
Bibliography: A bibliography on every phase of the road subject in every country in the world is very nearly completed; the cost for salary the past year was.....	220.55
Bulletin, macadam roads: A thoroughly practical and reliable bulletin was published at a cost for salary of \$140 with expenses of \$29.85—total of.....	169.85
Split-log drag: The introduction of the split-log drag for the maintenance of earth roads and the preparation of a bulletin on the subject cost, during the past year, for salary \$198, for expenses \$94.80—a total of.....	292.80
Digest of road laws: This work is very nearly complete; the cost for the past year was for salary.....	150.00
Geological survey: A cooperative plan was entered into with the Geological Survey whereby this Office was to indicate the various classes of roads on the topographic maps; very little work was done under this project; the total cost for salary having been.....	30.00
Executive and administrative: Salaries.....	3,481.67
Routine office work: Salaries.....	5,272.24
Editorial and library:	
Salary.....	1,200.00
Quarters.....	2,744.97
Machine shop.....	800.00
Permanent equipment.....	7,700.00
Total.....	69,670.00

## RECAPITULATION OF APPROPRIATIONS FOR THE DEPARTMENT OF AGRICULTURE.

Statutory salaries.....		\$1,043,256.77
Lump-fund salaries:		
In Washington.....	1,031,106.88	
Outside of Washington.....	4,146,466.09	
Stationery.....	116,843.00	
Miscellaneous supplies and services, equipment, books, machinery, etc.....	1,442,575.23	
Furniture.....	69,743.88	
Fuel.....	23,885.35	
Freight.....	9,700.45	
Express.....	11,916.70	
Telegraph.....	197,117.36	
Telephone.....	21,400.45	
Rent.....	153,282.66	
Gas and electricity.....	14,850.71	
Apparatus, instruments, and laboratory material.....	117,499.35	
Printing and binding.....	154,072.53	
Travel and station and field expenses.....	728,358.29	
<b>Total.....</b>	<b>9,282,074.70</b>	
<b>Total appropriations for Department of Agriculture.....</b>	<b>11,415,957.97</b>	
Total expenditures under above groups.....	\$9,282,074.70	
Advances to temporary disbursing agents.....	78,859.56	
	<b>9,360,934.26</b>	
Balance.....	2,055,023.71	
Of this amount the balance on June 30, 1907, under the several appropriations which were available until used was.....	327,925.24	
Amount available in fiscal year 1908 (balance on June 30, 1907).....	330,781.24	
	<b>658,706.48</b>	
Unexpended balance September 30, 1907.....	1,396,317.23	
Repayments to credit of appropriations through Treasury.....	4,467.80	
Net unexpended balance on September 30, 1907.....	1,400,785.03	
Outstanding liabilities (estimated).....	247,239.24	
Balance to be turned back in Treasury (estimated).....	1,153,545.79	

*General contracts for annual supplies for the Department of Agriculture.*

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Allen Manufacturing Co., W. D.....	Leather belting.....	\$400.00
American News Co.....	Stationery supplies.....	10.00
American Lead Pencil Co.....	do.....	600.00
American Railway Supply Co.....	Car seals.....	200.00
American Typefounders Co.....	Printing and lithographing.....	300.00
Andrews Paper Co., R. P.....	Stationery supplies.....	11,730.00
Anchor Lamp Co.....	Lamps.....	50.00
Armour & Co.....	Soap and washing powder.....	50.00
Ballantyne, R. Carter.....	Stationery supplies.....	2,000.00
Baumgarten & Sons, J.....	do.....	50.00
Bausch & Lomb Optical Co.....	Laboratory supplies.....	6,000.00
Becker & Co., Chas.....	Painters' material.....	500.00
Bensinger & Co., S.....	Waste paper.....	60.00
Bernard Co., E. G.....	Electrical supplies.....	5,500.00
Bishop & Co., J.....	Laboratory supplies.....	400.00
Brooks & Co., E. J.....	Car seals.....	100.00
Carter, Rice & Co.....	Stationery supplies.....	400.00
Clark, Davenport & Co.....	Furniture, etc.....	1,100.00
Conger Bros. & Co.....	Cleaning carpets.....	400.00
Church & Stephenson.....	Lumber.....	4,400.00
Davidson & Co., H. C.....	Stationery supplies.....	200.00
Dennison Manufacturing Co.....	Car seals, etc.....	400.00
Densmore Typewriter Co.....	Stationery supplies, etc.....	500.00
District of Columbia Paper Manufacturing Co.....	Stationery supplies.....	500.00
Eagle Pencil Co.....	do.....	600.00
Elliott & Co., James.....	Miscellaneous supplies.....	600.00
Empire Steam Laundry.....	Washing towels.....	300.00
Ergood Co., J. C.....	Miscellaneous supplies.....	1,000.00
Fairbanks Co.....	Plumbers' material.....	500.00
Farmer & Son, A. D.....	Printing and lithographing.....	500.00
Flint & Walling Manufacturing Co.....	Instruments, towers, etc.....	3,000.00
Forker, C. A.....	Flags.....	7,000.00
Friedenwald Co.....	Printing and lithographing.....	2,500.00
Friez, Julien P.....	Instruments.....	2,500.00
Fritch, Geo. T.....	Miscellaneous supplies.....	150.00



## General contracts for annual supplies for the Department of Agriculture—Continued.

## CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Gehiert, Louis.....	Printing and lithographing.....	\$500.00
Gilman, Z. D.....	Laboratory material.....	1,300.00
Gray & Sons, Peter.....	Telegraph and hardware material.....	1,700.00
Grammes & Sons, L. F.....	Stationery supplies.....	500.00
Greiner Co., Emil.....	Laboratory materials.....	1,700.00
Green, Henry J.....	Instruments, towers.....	2,300.00
Heiskell Co., P. H.....	Implements, seeds.....	150.00
Hartig, Louis.....	Telegraph and hardware material.....	100.00
Hiser, Daniel.....	Flower pots.....	1,000.00
Hoeke, Wm. H.....	Furniture, etc.....	5,500.00
Hoge & McDowell Co.....	Forage.....	7,200.00
Holcomb Manufacturing Co., J. I.....	Miscellaneous supplies.....	50.00
Holtzer Cabot Electric Co.....	Electrical supplies.....	250.00
Home Ice Co.....	Ice.....	1,800.00
Howard, Geo. E.....	Car seals, tags, etc.....	500.00
International Seal and Lock Co.....	do.....	2,500.00
Jenks, W. S.....	Instruments, etc.....	1,500.00
Johnson & Co., Eneu.....	Stationery supplies.....	2,500.00
Lamb & Tilden.....	do.....	500.00
Lambie Co., Jas. B.....	Miscellaneous supplies.....	600.00
Lansburgh & Bro.....	do.....	550.00
Lansburgh Furniture and Carpet Co., J.....	Furniture, carpets, etc.....	2,000.00
Lindemayr, Philip.....	Stationery supplies.....	9,000.00
Lindsay Rubber Manufacturing Co., M.....	Laboratory materials.....	50.00
Morrison Paper Co., E.....	Stationery supplies.....	70.00
Mackall Bros.....	Laboratory material.....	3,500.00
Meier Co., George.....	Painters' material.....	50.00
Millar & Co., Geo. W.....	Stationery supplies.....	500.00
Mineralized Rubber Co.....	Plumbers' material.....	300.00
Monarch Typewriter Co.....	Stationery supplies.....	500.00
Moses & Sons, W. B.....	Furniture, carpets, etc.....	8,000.00
Mullin, Edward.....	Miscellaneous supplies.....	100.00
Murphy, Robert.....	Fuel and ice.....	700.00
McCubbin Co., C. J.....	Plumbers' material.....	500.00
Muth & Co., Geo. F.....	Stationery supplies.....	1,200.00
National Carbon Co.....	do.....	1,800.00
National Electrical Supply Co.....	Telegraph and hardware material.....	5,000.00
Nawrath, J. P.....	Stationery supplies.....	1,500.00
Okonite Co. (Limited).....	Telegraph and hardware material.....	1,800.00
Oliver Typewriter Co.....	Stationery supplies.....	500.00
Parker, D. Frank.....	do.....	7,500.00
Philadelphia Thermometer Co.....	Instruments, towers.....	100.00
Pratt Manufacturing Co., Wm. E.....	Car seals, etc.....	400.00
Queen & Co. (Incorporated).....	Instruments, towers, etc.....	800.00
Rau, John C.....	Electrical supplies.....	900.00
Remington Typewriter Co.....	Stationery supplies.....	1,000.00
Royal Typewriter Co.....	do.....	500.00
Reilly, Hugh.....	Painters' material.....	700.00
Rudolph & West Co.....	Miscellaneous supplies.....	1,100.00
Schmidt, Fred A.....	Stationery supplies.....	500.00
Smith & Bros. Typewriter Co., L. C.....	do.....	500.00
Shafer & Co.....	Plumbers' material.....	1,000.00
Smith Premier Typewriter Co.....	Stationery supplies.....	500.00
Southern Printers Supply Co.....	Printing and lithographing.....	200.00
Standard Oil Co.....	Painters' material.....	150.00
Somerville Co., Thos.....	Plumbers' material.....	1,000.00
Stewart & Co.....	Forage.....	8,500.00
Storms Co., H. H. M.....	Stationery supplies.....	100.00
Swayze, W. L.....	do.....	18,500.00
Thiemeyer Co., J. H.....	Lumber and packing boxes.....	800.00
Thomas Co., A. H.....	Laboratory materials.....	1,250.00
Topham, Jas. S.....	Furniture, etc.....	2,000.00
Turton, J. Edward.....	Instruments, towers, etc.....	1,200.00
Underwood Typewriter Co.....	Stationery supplies.....	5,000.00
Valley Paper Co.....	do.....	1,000.00
Waterbury Battery Co.....	Electrical supplies.....	800.00
Wiegand, Martin.....	Lumber and packing boxes.....	50.00
Whitall Tatum Co.....	Laboratory material.....	437.00
Widman & Co., C. D.....	Furniture, etc.....	550.00
Woodward & Lothrop.....	do.....	2,500.00
Zeh Co., Wm. J.....	Coal.....	20,000.00

Logo





