
OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY.

LETTER

FROM

THE SECRETARY OF AGRICULTURE,

TRANSMITTING

REPORT OF THE OPERATIONS OF THE BUREAU OF ANIMAL
INDUSTRY FOR THE FISCAL YEAR ENDED JUNE 30, 1898.

JANUARY 10, 1899.—Referred to the Committee on Agriculture and Forestry and
ordered to be printed.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., January 9, 1899.

SIR: I have the honor to transmit herewith the report of the operations of the Bureau of Animal Industry for the fiscal year ended June 30, 1898, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

Very respectfully,

JAMES WILSON, *Secretary.*

The PRESIDENT OF THE SENATE.

OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY FOR THE FISCAL YEAR ENDED JUNE 30, 1898.

WORK OF THE INSPECTION DIVISION.

MEAT INSPECTION.

The increase of work in connection with meat inspection was very large during the year and required the appointment of a large number of employees. These were obtained upon certification by the Civil Service Commission, and have proved, as in the previous year, to be competent and satisfactory. Although the Bureau force of employees is enlarged from year to year, as the appropriations for the inspection work will permit, the efficiency of the employees is also increased through the examination by the Civil Service Commission, and the Bureau is thus enabled to maintain a thorough system of inspection.

A reference to the tables giving the number of animals inspected this year and for 1897 shows that the number has been greatly increased; yet it is still true that the appropriation for this Bureau is not sufficient to permit of the inspection of all meat entering into interstate commerce, although the law contemplates that all should be inspected. It is true, however, this year as last, that all of the beef exported to Europe and the greater part of the pork and other meat products exported have been inspected in accordance with the law.

During the year meat inspection has been in operation at 135 abattoirs, as against 128 for the previous year, and in 35 cities, as against 33 in 1897. This, however, does not represent the entire increase in the meat inspection, since at nearly all packing houses a larger number of animals have been inspected than in previous years.

The table following gives the number of inspections of animals before slaughter, made either in the stock yards or at the abattoirs, and shows the number inspected for official abattoirs and the number of inspections of animals for abattoirs in other cities and miscellaneous buyers; also the number condemned on this inspection at abattoirs and the number rejected in the stock yards. The number of rejected animals slaughtered and the number of these condemned will be found in the table of post-mortem inspections:

Ante-mortem inspections.

Kind of animal.	For official abattoirs in cities where inspections were made.	For abattoirs in other cities and miscellaneous buyers.	Total inspections.	Condemned at abattoirs.	Rejected in stock yards.
Cattle	4, 552, 919	4, 675, 318	9, 228, 237	104	27, 491
Sheep	5, 706, 092	4, 322, 195	10, 028, 287	741	9, 594
Calves	241, 092	227, 107	468, 199	67	2, 439
Hogs	20, 713, 863	10, 896, 812	31, 610, 675	9, 679	66, 061
Total.....	31, 213, 966	20, 121, 432	51, 335, 398	10, 591	105, 585

A comparison with the figures for 1897 shows a gain for 1898 of 1,178,212 cattle, 1,983,932 sheep, 19,216 calves, and 6,043,931 hogs, a

total gain of 9,025,291 animals. This is an increase over 1896 of 15,417,919 animals. The number of condemned animals at abattoirs was 3,275 fewer than 1897, and the number rejected in stock yards was 27,247 greater.

The number of animals inspected at time of slaughter and the number of carcasses and parts of carcasses condemned are given in the following table:

Post-mortem inspections.

Kind of animal.	Number of inspections.			Carcasses condemned.			Parts of carcasses condemned at abattoirs.
	For abattoirs.	Animals rejected in stock yards.	Total.	For abattoirs.	Animals rejected in stock yards.	Total.	
Cattle.....	4, 418, 738	14, 143	4, 433, 181	6, 900	3, 118	10, 018	12, 591
Sheep.....	5, 436, 904	4, 753	5, 501, 657	2, 606	961	3, 567	287
Calves.....	244, 330	825	245, 155	206	138	344	52
Hogs.....	20, 893, 199	43, 641	20, 936, 840	<i>a</i> 69, 652	7, 927	77, 579	<i>b</i> 35, 250
Total.....	31, 053, 171	63, 662	31, 116, 833	79, 364	12, 144	91, 508	48, 180

a Includes 19,978 condemned on microscopic examination.

b Includes 5,902 condemned on microscopic examination.

In addition to the above, there were killed by city inspectors 1,785 cattle, 1,509 sheep, 192 calves, and 14,698 hogs which had been rejected in the stock yards by officers of the Bureau of Animal Industry.

The meat-inspection tag or brand was placed on 14,815,753 quarters and 968,014 pieces of beef, 5,448,477 carcasses of sheep, 217,010 carcasses of calves, 680,876 carcasses of hogs, and 394,563 sacks of pork.

The meat-inspection stamp was affixed to 4,433,569 packages of beef products, 5,163 packages of mutton, and 10,145,048 packages of hog products, of which 374,131 contained microscopically examined pork.

The number of cars sealed containing inspected meat for shipment to packing houses and other places was 18,631.

There were issued 35,267 certificates for meat products which had received the ordinary inspection. These covered exports, comprising 1,256,716 quarters, 67,120 pieces, and 735,814 packages of beef, weighing 339,650,091 pounds; 5,163 packages of mutton, weighing 324,996 pounds; 39,212 hog carcasses, and 653,564 packages of pork, weighing 244,956,482 pounds.

The cost of this work was \$409,138.09, which makes an average of 0.8 cent for each of the 51,335,398 ante-mortem inspections, besides covering all the subsequent work of post-mortem inspection, tagging, stamping, etc.

The cost of inspection has been growing gradually less year by year.

The average cost per head was $4\frac{3}{4}$ cents in 1893, $1\frac{3}{4}$ cents in 1894, 1.1 cents in 1895, 0.95 cent in 1896, and 0.91 cent in 1897.

For the purpose of comparison the following table is given:

Number of animals inspected before slaughter for abattoirs having inspection, 1891-1898.

Fiscal year.	Cattle.	Calves.	Sheep.	Hogs.	Total.
1891.....	83, 891				83, 891
1892.....	3, 167, 009	59, 089	583, 361		3, 809, 459
1893.....	3, 922, 174	92, 947	870, 512		4, 885, 633
1894.....	3, 862, 111	96, 331	1, 020, 764	7, 964, 850	12, 944, 056
1895.....	3, 752, 111	109, 941	1, 344, 031	13, 576, 917	18, 873, 000
1896.....	4, 050, 011	213, 575	4, 710, 190	14, 301, 963	23, 275, 739
1897.....	4, 289, 058	259, 930	5, 179, 643	16, 813, 181	26, 541, 812
1898.....	4, 552, 919	241, 092	5, 706, 092	20, 713, 863	31, 213, 966

MICROSCOPIC INSPECTION OF PORK.

The number of samples of pork examined was 2,802,846, of which 1,927,838 were from carcasses and 875,008 from pieces. The following table shows that better results are obtained by making the inspection in the carcass than when samples from cured meat are examined:

Comparison of inspections from carcasses and from pieces.

Samples.	From carcasses.		From pieces.	
	Number.	Per cent.	Number.	Per cent.
Class A	1,892,131	98.148	864,042	98.747
Class B	15,729	0.816	5,064	0.579
Class C	19,978	1.036	5,902	0.674
Total	1,927,838	100	875,008	100

The samples of pork submitted for microscopic examination were classified as follows: Class A, samples in which no sign of trichinæ, living or dead, or calcified cysts are found; Class B, samples in which degenerated trichina cysts are found, but in which the body of the parasite is not recognizable; Class C, samples in which recognizable bodies, living or dead, of trichinæ are found. All hogs belonging to the latter class must be condemned and disposed of according to section 20 of the regulations dated June 14, 1895.

The number of certificates issued for microscopically examined pork was 20,158, covering shipments aggregating 373,366 packages, weighing 120,271,659 pounds. Of this quantity, 698 packages, weighing 161,303 pounds, were exported to countries not exacting a certificate of microscopic inspection.

The cost of microscopic inspection was \$171,040.94, an average per specimen examined of 6.1 cents, or an average of 0.142 cent for each pound exported.

This cost per pound for the inspection of pork shows a remarkable reduction from the cost in 1897, when it was 0.256 cent. The cost in 1896 was 0.264 cent; in 1895, 0.2 cent; in 1894, 0.248 cent.

The number of samples examined increased 49 per cent over last year, the expense increased 53 per cent, and the exports increased 176 per cent.

The following table shows the exports of microscopically inspected pork for the fiscal years 1892 to 1898, inclusive:

Exports of microscopically inspected pork, 1892-1898.

Fiscal year.	To countries requiring inspection.	To countries not requiring inspection.	Total.
	Pounds.	Pounds.	Pounds.
1892	22,025,698	16,127,176	38,152,874
1893	8,059,758	12,617,652	20,677,410
1894	18,845,119	16,592,818	35,437,937
1895	39,355,230	5,739,368	45,094,598
1896	21,497,321	1,403,559	22,900,880
1897	42,570,572	1,001,783	43,572,355
1898	120,110,356	161,303	120,271,659

INSPECTION OF VESSELS AND EXPORT ANIMALS.

The following table shows for the fiscal year 1898 the number of inspections of domestic and Canadian cattle and sheep for export, the

number rejected, the number of American cattle tagged, and the number of each exported; also the number of horses, mules, and hogs exported under the supervision of the bureau inspectors. For comparison the statistics for the fiscal year 1897 are included.

Number of inspections, exportations, etc., of American and Canadian live stock for the fiscal years 1897 and 1898.

Kind of animal.	American.				Canadian.		
	Number of inspections.	Number rejected.	Number tagged.	Number exported.	Number inspected.	Number rejected.	Number exported.
1898.							
Cattle	859,346	1,438	418,694	a 400,512	19,397	5	19,392
Sheep	297,719	180		b 147,907	29,497	38	29,459
Horses				29,570			3,955
Mules				221			
Hogs				599			
1897.							
Cattle	845,116	1,565	410,379	c 390,554	13,136	12	13,124
Sheep	348,108	189		d 184,596	23,289	72	23,217
Horses				22,623			6,185
Mules				100			
Hogs							

a Includes 15,920 exported from Chicago by way of Canadian ports.

b Includes 5,173 exported from Chicago by way of Canadian ports.

c Includes 5,501 shipped from Chicago by way of Montreal.

d Includes 2,231 shipped from Chicago by way of Montreal.

The number of certificates issued for exported cattle was 1,616, as against 1,563 for 1897. The number of clearances of vessels carrying live stock was 971, as against 954 in 1897.

The following table gives the number of cattle and sheep inspected at time of landing by the inspectors of the Bureau stationed in Great Britain, with the number and percentage lost in transit:

Number and percentage of cattle and sheep inspected by Bureau inspectors in Great Britain, and number and percentage lost in transit.

From—	Cattle.			Sheep.		
	Landed.	Lost in transit.		Landed.	Lost in transit.	
	Number.	Number.	Per cent.	Number.	Number.	Per cent.
United States.....	381,420	851	0.22	151,863	1,224	0.8
Canada	17,164	56	.32	27,912	394	1.39
Total	398,584	907	.23	179,775	1,618	.89

This table shows an increase of 20,898 cattle and a decrease of 9,408 sheep when compared with the report for 1897. The number of head of cattle lost in transit in 1897 was 2,323, or 0.61 per cent, as against 907 head, or 0.23 per cent, for this year. The number of sheep lost in transit in 1897 was 2,676, or 1.39 per cent, as against 1,618, or 0.89 per cent, for this year.

The cost of the inspection of export animals, the supervision of Southern cattle transportation, and the inspection of animals imported from Mexico was \$101,210.55. It is estimated that half of this expense is on account of the export inspection, and, with this as a basis, the cost of inspecting the 548,419 domestic cattle and sheep exported was \$50,605.28, or 9.2 cents per head. The number of inspections made on these animals in this country was 1,157,065, and in Great Britain 533,283, making a total of 1,690,348, the average cost of each inspection being 2.99 cents.

Following is a statement showing the inspection of domestic cattle and sheep for export and the number exported for 1898 and previous years:

Inspections and exports of domestic cattle and sheep, 1893 to 1898, inclusive.

Fiscal year.	Cattle.				Sheep.		
	Number of inspections.	Number rejected.	Number tagged.	Number exported.	Number of inspections.	Number rejected.	Number exported.
1898	859,346	1,438	418,694	400,512	297,719	180	147,907
1897	845,116	1,565	410,379	390,554	348,108	189	184,596
1896	815,882	1,303	377,639	365,345	733,657	893	422,603
1895	657,756	1,060	324,339	324,299	704,044	179	350,808
1894	725,243	184	360,580	363,535	135,780	.....	85,809
1893	611,542	292	280,570	289,240	.....	.....	.....

SOUTHERN CATTLE INSPECTION.

During the quarantine season of 1897 there were received and yarded in the quarantine divisions of the various stock yards 35,317 cars, containing 972,224 cattle; the number of cars cleaned and disinfected was 35,280.

In the noninfected area in Texas 225,096 cattle were inspected for the identification of brands prior to removal to other States for grazing.

INSPECTION OF IMPORTED ANIMALS.

The number of animals imported from Mexico and inspected at the ports of entry along the boundary line comprised 177,772 cattle, 64,207 sheep, 104 swine, and 3,053 goats.

There were imported from Canada for slaughter, milk production, grazing, feeding, etc., and not subject to quarantine detention, 79,907 cattle, 184,352 sheep, 374 swine, 2,998 horses, 2 goats, 8 mules, 1 deer, and 6 buffalo, of which 385 cattle, 6,867 sheep, and 217 swine were for breeding purposes.

Below is a statement of the animals imported and quarantined for the prescribed period at the different quarantine stations:

Animals imported and quarantined at different stations.

Stations.	Cattle.	Sheep.	Swine.
Littleton, Mass	1	.....	.....
Garfield, N. J	282	303	10
St. Denis, Md	10	.....	.....
Houlton, Me	43	52	1
Eastport, Me	1	.....	.....
Island Pond, Vt	13	8	.....
Beecher Falls, Vt	89	50	.....
Newport, Vt	108	.....	.....
Richford, Vt	16	.....	.....
St. Albans, Vt	62	96	.....
Rouses Point, N. Y	26	.....	.....
Ogdensburg, N. Y	144	.....	.....
Cape Vincent, N. Y	51	.....	.....
Buffalo, N. Y	85	.....	.....
Port Huron, Mich	44	.....	.....
Total	975	509	11

There were 2 dogs, 2 deer, 14 goats, and 6 camels at the Garfield Station, making a total of 1,519 animals quarantined.

TO PREVENT DISSEMINATION OF SHEEP SCAB.

In order to prevent the dissemination of scabies, it was required that sheep intended for feeding or breeding purposes should be dipped before being permitted to leave the stock yards, if they were affected with the disease or had been exposed to contagion. Accordingly, 535,501 sheep were dipped under the supervision of inspectors of this Bureau, various preparations being used for this purpose.

INSPECTION OF HORSES.

The appropriation for the coming fiscal year carries a provision "that live horses and carcasses and products thereof be entitled to the same inspection as other animals, carcasses, and products thereof" named in the bill. In accordance therewith, regulations are being formulated to govern the work of inspection of horses at abattoirs and of export horses.

WORK OF THE BIOCHEMIC DIVISION.

During the past year the routine work of the biochemic division in the preparation and shipment of tuberculin and mallein, and of ink for use in stamping meat, has continued steadily and demanded much time from the divisional force. During the winter and spring months tuberculin sufficient to inject about 5,000 animals is sent out each month, while a slightly less quantity is used during the summer. The ink used for stamping the meat continues to give satisfaction; the work is more easily performed, and at the same time considerable money has been saved.

EXPERIMENTS WITH HOG CHOLERA.

The experiments conducted in the fall of 1897 upon hog cholera and swine plague proved so encouraging that a special appropriation was made by Congress for the purpose of continuing the work during the present year. Owing to the late date of the passage of the bill making this appropriation available, the work has been somewhat delayed; besides it was necessary first to erect barns at the Bureau station, and also to make the necessary purchases of animal and other material, in order to begin the experiments on a sufficiently practical scale. Material to inject about 2,000 animals was sent to the agent of the Bureau in Iowa, where the first test is being made, and his reports already received indicate that from 75 to 80 per cent of the animals treated are saved, while the loss in herds not treated is from 80 to 85 per cent. A full report of this test will find its proper place in the report for 1898.

On account of the time required to secure a supply of this serum, the quantity so far produced has not been as great as was expected, but the results from the use of the comparatively small amount so far distributed have been so gratifying that I deem it desirable to continue the work another year. The production of serum is being steadily increased, and in the course of two or three months a large and regular output will be assured. It remains only to test the remedy upon a sufficient scale and to perfect the method of procedure.

ADDITIONAL HELP AND ROOM NEEDED.

The proper conduct of these experiments has greatly increased the work of this laboratory. While two assistants have been added to the

force, there is still need of additional help. The increased duties of the laboratory employees make it absolutely necessary that more room be provided if good results are to be obtained. The working space is so crowded that it not only interferes with the rapid conduct of investigations of various kinds, but the excessive weight of desks, tables, cases, etc., on the floor has reached the limit of safety.

GERMAN TOYS AND COLORED GOODS POISONOUS.

In connection with an examination of those imports coming from Germany which might be injurious to the health of our people it was shown that toys and colored goods of German origin were poisonous. All of the highly painted German toys may be considered very dangerous to the health of the children of this country if the paint is sucked or chipped off and swallowed through any inadvertence.

ESTIMATING NICOTINE IN SHEEP DIPS.

Some examinations of the tobacco dips used in connection with sheep scab indicate that the methods in common use for the determination of nicotine are very misleading. Several experiments have therefore been made to find an easy and satisfactory method for estimating nicotine, and one has been worked out which is both practical and easy of execution. As the tobacco and sulphur dip is one of the most efficacious known, the importance of reliable methods for determining its strength is evident.

OBSERVATIONS RELATIVE TO TUBERCULOSIS.

The study of tuberculosis with reference to both men and animals has been continued, and the reports received from a tuberculosis sanitarium where the serum supposed to have curative properties for tuberculosis has been used to some extent indicate that in incipient stages of the disease this material is of considerable value. The results also indicate that further experiments in the line already begun should be continued, as there is a prospect of still more satisfactory results. An easy, convenient, and important method for staining and differentiating tubercle bacilli from other germs which might be confused with them has also been worked out in this laboratory.

A fact which should be emphasized and carefully considered in connection with investigations of this character is the salary paid to the individuals engaged in the study of bacterial products. These men are at all times exposed to the danger of contracting a dangerous disease which may destroy their usefulness throughout life. Under these circumstances salaries commensurate with the high character of the work required and the dangers to which they are exposed should be paid.

WORK CONTEMPLATED.

It is contemplated by this division to undertake investigations relative to Texas fever, anthrax, and other diseases of animals.

WORK OF THE DIVISION OF PATHOLOGY.

DIPPING FOR TEXAS FEVER.

Experiments in the dipping of cattle with a view to destroying the ticks which spread the infection of Texas fever have been continued,

and a substance has been found in which the cattle may be immersed without suffering any serious injury, and which will destroy all the ticks on an animal in a single dipping. This is great progress over last year's experiments, as it was then considered absolutely necessary that cattle should be dipped twice before it would be safe to send them into any territory where cattle are susceptible to Texas fever. The preparation in which the cattle are dipped is a light lubricating oil containing dissolved sulphur. During the summer experiments have been made with a view to ascertaining whether this method of treating cattle could be carried out on a large scale, and for this purpose several train loads of cattle have been dipped at Fort Worth, Tex., and shipped to various places north of the quarantine line.

Two train loads of cattle, consisting of about 500 head, were sent to the northern part of Illinois, where they were placed in pastures with susceptible cattle in order to ascertain whether the dipping had rendered them safe against transmitting the fever. The experiments have proved to be a success, in so far as all the ticks were destroyed on the dipped cattle and that no disease was transmitted by them. About 600 head have also been dipped with perfect success at Mammoth Spring, Ark. Preparations are now being made to adopt the dipping method generally, by means of which the cattle from the infected districts may be shipped north of the quarantine line during the entire year, while they are at present restricted by quarantine during ten months of the year. The importance of this measure can hardly be overestimated, and is considered by prominent stockmen and farmers to be worth millions of dollars, both to the cattle raisers below the quarantine line and to the cattle feeders and grain producers north of the line. Late in the season reports of some injuries to cattle by dipping have been received. These were due partly to the condition of the cattle and partly to the strength of the dipping mixture. Experiments are now in progress which it is believed will enable the Department to remove all difficulties.

Applications have been received to permit the establishment of a large number of dipping stations along the quarantine line, and, owing to the great importance of giving a free market to cattle from the quarantined district, it is only proper that such permits should be granted at central points where the trade is sufficient to warrant such action. This new service will, however, require a considerable increase in the inspection force as it will not be safe to allow cattle to be dipped otherwise than under expert supervision.

BLACKLEG INVESTIGATIONS.

The preparation and distribution of blackleg vaccine have been continued throughout the year, and the demand for the vaccine has increased very much. More than 355,000 doses have been distributed, and the reports sent in by the recipients of the vaccine show that the annual losses from blackleg have been reduced from an average of from 10 to 20 per cent to less than 1 per cent. This means a saving of at least \$500,000 worth of cattle, and when all stock owners become familiar with the method and it is adopted throughout all the cattle-raising districts where blackleg prevails it will not alone save millions of dollars, but also tend to eradicate the disease completely.

RABIES.

In the course of the year a number of supposed cases of rabies in dogs has been brought to this laboratory for determination. In some

cases the dogs had bitten one or more persons, and it was consequently of great importance to determine whether the animals were suffering from rabies or not. In two cases it was proven that the dogs had been suffering from rabies and the health officer of the District was notified to that effect, and the five people who had been bitten by these dogs received the antirabic treatment of Pasteur.

MISCELLANEOUS WORK.

The usual routine work of examining pathological specimens sent to the Bureau from veterinary inspectors and private parties has been continued, and a number of outbreaks of infectious and contagious diseases among the domesticated animals in the vicinity of Washington City has been investigated and the owners advised as to the proper care and treatment of the animals.

WORK OF THE DAIRY DIVISION.

The general survey of the condition of the dairy industry of the country at large, which was begun upon the organization of the division, has been continued, together with inquiries as to special branches, such as the milk supply of cities and large towns. Some reports have been printed and others are in hand awaiting revision and publication.

The collection of dairy data in general continues, with a view to its proper arrangement and future use in the form of circulars of information, popular bulletins, and the like. So far as the clerical force of the office permits the material collected has been indexed for ready reference.

The routine work of the office constantly increases, including general correspondence, calls for specific information, and the preparation of manuscript for publication.

During the year there have been published two bulletins and one circular prepared in the division, besides contributions to the Year-book of the Department and to the Annual Report of the Bureau, in all comprising 284 printed pages.

The chief and assistant chief of the division have visited during the year centers of dairy interest in twenty-one States and collected information for future use. In order that the Department might be represented at as many as possible of the annual conventions of State dairy associations and similar organizations, Mr. John H. Monrad, of Illinois, was appointed temporarily as a special agent of the division, and assisted in attending public dairy meetings. In all, twenty-four States were visited, and dairy meetings attended in nineteen of them. In this way officers and employees of the division have been enabled to meet hundreds of the representative men connected with this industry in various parts of the country, and to establish relations which will be of material future benefit to the general work.

BUTTER SHIPMENTS TO GREAT BRITAIN.

The experimental exports of butter by this Bureau to Great Britain, which were commenced in the spring of 1897, and partially reported upon a year ago, were continued until the close of the active creamery year of 1897, and resumed at the opening of the season of 1898 upon an enlarged scale. These exports have constituted the principal current work of this division during the fiscal year now reported, and have involved much detail, occupying the greater part of the time and attention of the office force. A complete report of the operations during

the commercial year of 1897 has been prepared and is ready for publication in the annual report of the Bureau for 1898.

Without anticipating the results of the present (or second) season of these trial exports, it can now be confidently stated that much additional information has been obtained in the line desired, and a decided gain is evident in the favorable impression made by butter of the first quality from creameries in the United States upon the best class of the butter trade in London and Manchester.

An exhibit in the nature of an object lesson, illustrating the component parts of the various products and by-products of the dairy, has been recently prepared, and is included in the display of the Bureau of Animal Industry at the Trans-Mississippi and International Exposition, at Omaha, Nebr.

PROPOSED LINES OF WORK FOR 1898-99.

It is proposed that the work of the dairy division for the fiscal year 1898-99 shall include continuation of the different lines of effort reported as receiving attention during the years previous and still incomplete.

As already indicated, a large part of the energies of the division will be required for the experimental exports of butter, to which some trials with cheese and eggs and perhaps dressed poultry may be added. Material extension of these trial exports, in frequency, quantity, and variety of new markets, is made possible by the provisions incorporated in the current appropriation bill for this Department, in accordance with last year's recommendations, and by which the net proceeds of the sales of the products purchased for experimental export are available for a continuation or repetition of such exports.

It seems expedient to continue the weekly experimental exports of butter in progress during the summer of 1898 through the autumn and the following winter, in order to complete the trial of a full year's offerings in the market of Manchester, if not also in London.

Meanwhile it is proposed, by correspondence and the services of special agents, some voluntary, to investigate the prospects of trade in the dairy products of the United States on the islands of the Pacific, Japan, and China, and also in the West Indies and South America. It is not unlikely that such inquiries will render it desirable to make experimental exports in those directions before the close of the present fiscal year and during the next one. An appropriation similar to the one now available is therefore to be desired for the new fiscal year.

It is expected to prepare, in part, during the current year for the proper presentation of the dairy interests and products of the United States at the coming Paris Exposition.

RECOMMENDATIONS.

The following recommendations are respectfully made for the fiscal year ending June 30, 1900:

(1) A sufficient appropriation for extending and developing foreign markets for dairy products of the United States, under provisions similar to those applying to the funds now available for this purpose. The reasons for this have been already stated.

(2) That legislation be sought by which the existing system of Government inspection and certification of meats and meat products for export may be extended (with suitable modifications) to include butter, cheese, and condensed milk for export from the United States.

Reasons for such new legislation were given a year ago, as follows:

The combined efforts of the Government and commercial enterprise may succeed in the early establishment of a high reputation for American butter in desirable foreign markets; but as soon as accomplished, this becomes liable to be destroyed by the cupidity of those who, trading on this reputation, flood the same market with butter of low grade, yet still entitled to export and sale as "produce of the United States." This will disgust merchants and consumers alike and reverse the reputation of our butter, just as the fine market of Great Britain for our cheese was recently ruined by the quantity of low grade and counterfeit cheese which was exported without being marked to show its true character. The remedy seems to lie in extending and adapting the provisions of law regarding the inspection of meats exported from this country so as to make them apply to butter and cheese. The brands of "pure butter" and "full-cream cheese" should then be affixed by United States inspectors to such products only as are of a fixed minimum standard of quality. Such precautions, duly legalized and properly executed, would place the good butter and cheese of this country in foreign markets under the identifying label and guaranty of the United States Government, leaving similar merchandise of lower grade to find a place for itself upon its own merits. It should be borne in mind that dairy products of Denmark and Canada, which are the chief competitors of the United States in the markets of Great Britain, bear the inspection certificate and guaranty of quality from their respective Governments, and thereby maintain a great commercial advantage.

Such a system of inspection is much desired by the most reliable exporters, and the proposition has met with decided approval wherever considered by fair-minded interested parties.

ERADICATION OF SHEEP SCAB.

In the report for 1897 it was noted that experiments were being made by the Bureau with different sheep dips for the purpose of determining which is the most efficacious and at the same time least injurious to the animal. These experiments were concluded, and the results appear in an exhaustive article entitled "Sheep scab: Its nature and treatment," in the annual report of the Bureau of Animal Industry for 1897, mentioned elsewhere in this report. In addition to the character of dips, this article gives a full history and description of the mite causing common sheep scab, and also descriptions of the various kinds of apparatus used in dipping.

Inspectors of the Bureau have been zealous in enforcing Order No. 5, relative to the transportation of sheep having scab, which is as follows:

TRANSPORTATION OF SHEEP AFFECTED WITH SCABIES.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., June 18, 1897.

To the managers and agents of railroad and transportation companies of the United States, stockmen, and others:

In accordance with section 7 of the act of Congress approved May 29, 1884, entitled "An act for the establishment of a Bureau of Animal Industry, to prevent the exportation of diseased cattle, and to provide means for the suppression and extirpation of pleuro-pneumonia and other contagious diseases among domestic animals," and of the act of Congress approved April 23, 1897, making appropriation for the Department of Agriculture for the fiscal year ending June 30, 1898, you are hereby notified that the contagious disease known as sheep scab, or scabies of sheep, exists among sheep in the United States, and that it is a violation of the law to receive for transportation or transport any stock affected with said disease from one State or Territory to another, or from any State into the District of Columbia, or from the District into any State. It is also a violation of the law for any person, company, or corporation to deliver for such transportation to any railroad company, or master or owner of any boat or vessel, any sheep, knowing them to be affected with said disease; and it is also unlawful for any person, company, or corporation to drive on foot or transport in private conveyance from one State or Territory to another, or from any State into the District of Columbia, or from the District into any State, any sheep, knowing them to be affected with said disease.

All transportation companies and individuals shipping, driving, or transporting sheep are requested to cooperate with this Department in enforcing the law for preventing the spread of the said disease. Inspectors of the Bureau of Animal Industry are directed to report all violations of this act which come to their attention.

In order more effectually to accomplish the object of the above-mentioned laws, it is hereby ordered that any railroad cars, boats, or other vehicles which have been used in the transportation of sheep affected with said disease shall be immediately cleaned and disinfected by the owners or by the transportation companies in whose possession said cars or vehicles may be at the time the animals are unloaded by first removing all litter and manure which they contain and then saturating the woodwork with a 5 per cent solution of crude carbolic acid in water. Inspectors of the Bureau of Animal Industry are directed to see that this order is carried into effect.

JAMES WILSON, *Secretary.*

The information which is now available for the public is sufficient to enable anyone to cure this disease with a minimum of trouble and expense. There will hereafter be no excuse for those who claim that they are unacquainted with the nature of the disease or with the method of treatment.

AGRICULTURAL ATTACHÉ AT BERLIN.

The tendency has been growing in Germany to assume that all diseased or unwholesome meat is of American origin. The Department of Agriculture having certified, through the inspection of the Bureau of Animal Industry, that all pork shipped to Germany is free from trichinæ and produced from healthy animals, the time had arrived when it became necessary to learn the truth in the matter, in order, first, to correct the error, if it existed, in the system of microscopic inspection conducted by the Bureau, or, second, to deny authoritatively the charge. Accordingly, Dr. Ch. Wardell Stiles, zoologist of this Bureau, was commissioned as agricultural attaché of the American embassy at Berlin in the latter part of March, with instructions to trace to a conclusion every such rumor or charge of German origin. The account of his work will necessarily appear in the report for the fiscal year 1899, and in that report he will be able to show that in many of the cases there is no trichinæ infection and that in others where it has existed it was not of American origin or had not been certified as microscopically inspected.

It would be rash to assert that there could have been no oversight in the inspection of 120,271,659 pounds of pork, which was the amount inspected last year, but it is certain that such errors are reduced to the minimum; and the purpose of sending Dr. Stiles abroad on this mission is to both reassure the American people and to convince the German people, so far as possible, that the most painstaking efforts are made by the Bureau to inspect all pork exported to Germany, and that our microscopic inspection is as rigid and safe as that made by any country.

PUBLICATION WORK.

A list of publications of the Bureau appears below. On March 1 a clerk was appointed to have special charge of the editorial work of the Bureau. This character of assistance has been needed for some time, as the time of the chief of the Bureau and divisional chiefs was wholly consumed in executive work or pressing investigations. One of the first duties of this assistant was the preparation of the annual report of the Bureau for the fiscal year 1897. For ten years previous to 1897 the reports of the Bureau have been issued biennially, owing principally to lack of time to compile them, but it is proposed hereafter to

issue one each year, as the law authorizes. The report for 1897 was late in reaching the printer, but it will soon be issued. Its principal contents are the usual report of the chief of the Bureau to the Secretary; a review of the contagious diseases of animals in Europe; an exhaustive article on the nature and treatment of sheep scab; the State and Territorial laws relative to contagious diseases of animals not published heretofore in the reports of the Bureau, and a complete collection of the dairy laws; also the orders issued by the Bureau since its organization.

The work on the annual report of the Bureau for 1898 is already well in hand.

An index is being made, which will embrace not only all of the publications of the Bureau but all documents of the Department which relate in any way to animal industry. This is being prepared as time can be spared from editorial work, but it will probably be ready for publication before the end of the fiscal year 1899.

NEEDS OF THE BUREAU.

In the report for last year attention was directed to the importance of an experiment station, to be the property of the Department, and also of greater laboratory facilities. The conditions have not been changed for the better, while the demand becomes more imperative. If these matters could receive the favorable action of Congress, the work of this Bureau would be greatly facilitated and the interests of public economy be subserved at the same time.

PUBLICATIONS.

There have been published during the fiscal year the following reports, bulletins, pamphlets, circulars, and map:

- Report of the Chief of the Bureau of Animal Industry for 1897.
- The Country Slaughterhouse as a Factor in the Spread of Diseases. (Reprint from Yearbook.)
- Care of Dairy Utensils. (Reprint from Yearbook.)
- Some Modern Disinfectants. (Reprint from Yearbook.)
- Bureau of Animal Industry. (Reprint from Yearbook.)
- Utilization of By-Products of the Dairy. (Reprint from Yearbook.)
- Standard Varieties of Chickens. (Reprint Farmers' Bulletin No. 51.)
- The Dairy Herd: Its Formation and Management. (Reprint Farmers' Bulletin No. 55.)
- Facts About Milk. (Reprint Farmers' Bulletin No. 42.)
- Hog Cholera and Swine Plague. (Reprint Farmers' Bulletin No. 24.)
- Care of Milk on the Farm. (Reprint Farmers' Bulletin No. 63.)
- Ducks and Geese: Standard Breeds and Management. (Reprint Farmers' Bulletin No. 64.)
- Butter Making on the Farm. (Reprint Farmers' Bulletin No. 57.)
- Creameries or Butter Factories. (Reprint from Twelfth and Thirteenth Annual Reports of the Bureau of Animal Industry.)
- Dairy Schools. (Reprint Bulletin No. 17.)
- Directions for the Pasteurization of Milk. (Revised edition, Circular No. 1.)
- Some Essentials in Beef Production. (Farmers' Bulletin No. 71.)
- Circular No. 20. Preventive Vaccination against Blackleg.
- Circular No. 21. Directions for the use of Blackleg Vaccine.
- Circular No. 22. List of Officials and Associations connected with the Dairy Interests in the United States and Canada for 1898.
- Circular No. 23. Blackleg: Its Nature, Cause, and Prevention.
- Bulletin No. 18. The Dairy Industry in Missouri and Kansas.
- Bulletin No. 19. The Inspection of Meats for Animal Parasites.
- Bulletin No. 20. The Milk Supply of Boston and other New England Cities.
- Map showing the boundary line of the district infected with splenetic, or southern, fever of cattle.

The following statement shows the amount of the disbursements made for the various branches of the work for the fiscal year:

*Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1898.**

	Salaries.	Traveling expenses.	Miscellaneous.	Total.
Meat inspection	\$381,408.44	\$716.34	\$25,380.05	\$407,504.83
Microscopic inspection.....	161,554.00	262.47	10,159.38	171,975.85
Export cattle inspection.....	59,976.81	715.66	3,665.34	63,457.81
Southern cattle inspection.....	31,371.94	5,701.36	544.10	37,617.40
Import cattle inspection.....	4,243.00	1,456.90	21.30	5,721.20
Washington and miscellaneous.....	2,185.00	1,614.23	2,335.98	6,135.21
Scientific investigations.....	3,549.26	2,442.69	9,749.74	15,741.69
Dairy division.....	1,133.72	1,477.61	7,311.30	9,922.63
Collecting information.....	1,171.64	625.04	.....	1,796.68
Eradication of hog cholera and swine plague.....	3,196.23	1,900.88	6,634.75	11,731.86
Hog cholera serum experiments.....	973.75	.....	4,417.93	5,391.68
Total.....	649,863.79	16,913.18	70,219.87	736,996.84

* Including vouchers paid to October 1, 1898.

† Paid from the appropriation for fiscal year 1899, made available March 22, 1898, \$64,446.66.

Accompanying this statement will be found a list of the names of the persons employed and an itemized statement of expenditures from the amount appropriated.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898.
 STATUTORY SALARIES, BUREAU OF ANIMAL INDUSTRY.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON, D. C.									
D. E. Salmon	Chief of Bureau	July 1, 1896			\$4,000				
G. M. Brumbaugh	Assistant Chief	do			2,500				
Sylvester R. Burch	Chief Clerk	Jan. 1, 1897			2,000				
A. D. Melvin	Chief inspection division	July 1, 1896			2,500				
E. B. Jones	Assistant chief inspection division	Aug. 16, 1895			1,800				
H. E. Alvord	Chief dairy division	July 1, 1895			2,500				
R. A. Pearson	Assistant chief dairy division	Sept. 1, 1895			1,800				
V. A. Norgaard	Chief pathological division	Nov. 1, 1896			2,250				
Louise Taylor	Laborer	Apr. 14, 1897			a \$60.00				
Do	Assistant in pathological division	Oct. 16, 1897			1,200				
Thomas B. Reamy	do	July 1, 1893			840				
E. A. de Schweinitz	Chief biochemic division	July 1, 1895			2,250				
Marion Dorset	Assistant biochemic division	Aug. 1, 1894			1,200				
James A. Emery	do	Aug. 1, 1895			1,200				
W. S. Stauffer	do	July 1, 1896			720				
A. M. Farrington	Chief miscellaneous division	Aug. 16, 1895			2,000				
Ch. Wardell Stiles	Zoologist	July 1, 1896			2,000				
E. C. Schroeder	Superintendent experiment station	July 1, 1894			1,800				
Charles F. Dawson	Veterinary inspector	Nov. 1, 1896			1,800				
Albert Hassall	do	July 1, 1892			1,400				
W. E. Cotton	Assistant veterinary experiment station	Sept. 1, 1895			1,000				
H. H. Gordes	Clerk	Apr. 1, 1897			1,800				
Andrew J. Olin	do	do			1,000				
Mary Sullivan	do	do			1,400				
Mary T. Dent	do	do			1,200				
Joseph Abel	do	do			1,200				
I. C. Evans	do	Mar. 1, 1893			1,200				
M. H. Mahon	do	July 1, 1896			1,200				
M. N. Marshall	do	Nov. 1, 1896			1,200				
Mary G. Marshall	do	Apr. 1, 1897			1,200				
M. N. Barnard	do	July 1, 1897			1,200				
M. N. Barnard	do	July 1, 1890			1,000				
Irving Prickey	do	Jan. 1, 1895			1,000				
Chas. D. Geddes	do	Sept. 30, 1896	Oct. 31, 1897		1,000				
Benj. G. Washton	do	Jan. 4, 1897			1,000				

a Per month.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.
 STATUTORY SALARIES, BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON, D. C.—cont'd.								
James M. Picketts	Clerk	Jan. 9, 1897	.....	.....	\$1,000	.....	.....	.....
F. T. Bickford	do	July 1, 1897	.....	.....	1,000	.....	.....	.....
McP. Reynolds	do	Sept. 12, 1897	.....	July 5, 1897	1,000	.....	.....	.....
Walter D. Dunlap	do	Nov. 16, 1897	.....	.....	1,000	.....	.....	.....
Nellie F. Haughton	do	Dec. 9, 1897	.....	.....	840	.....	.....	.....
Kepler Hoyt	Special editorial compiler	July 1, 1897	.....	Sept. 21, 1897	1,000	.....	.....	.....
Mary E. Fagan	Stenographer and typewriter	Sept. 21, 1897	.....	.....	1,000	.....	.....	.....
H. S. Mott	Fireman	Mar. 15, 1895	.....	.....	720	.....	.....	.....
George L. Hall	do	Jan. 1, 1896	.....	.....	720	.....	.....	.....
Wm. H. Moore	Messenger	Oct. 23, 1896	.....	.....	720	.....	.....	.....
Wm. P. Steuman	do	July 1, 1896	.....	.....	720	.....	.....	.....
Edw. J. Maloy	do	Nov. 1, 1896	.....	.....	720	.....	.....	.....
Asa H. Kite	do	July 1, 1896	.....	.....	720	.....	.....	.....
Lena Bradford	do	.....do	.....	.....	660	.....	.....	.....
Geo. W. Brett	do	Sept. 1, 1896	.....	.....	660	.....	.....	.....
Geo. W. Scheerer	do	Jan. 16, 1898	.....	.....	600	.....	.....	.....
Do	do	.....do	.....	.....	600	.....	.....	.....
Wm. S. D. Heines	do	Jan. 1, 1896	.....	.....	1,400	.....	.....	.....
Jared M. Snyder	Artist	July 1, 1897	.....	Sept. 16, 1897	720	.....	.....	.....
Wm. C. Shinnoneek	Laborer	Mar. 15, 1897	.....	.....	720	.....	.....	.....
Emily J. Wilde	Messenger	Apr. 3, 1897	.....	.....	720	.....	.....	.....
Taylor Trice	Laborer	July 1, 1897	.....	.....	660	.....	.....	.....
John Richards	do	Sept. 10, 1884	.....	.....	500	.....	.....	.....
Jennie Jones	do	July 1, 1896	.....	.....	400	.....	.....	.....
Katie McCarty	do	.....do	.....	.....	400	.....	.....	.....
Catherine Baltimore	Charwoman	.....do	.....	Sept. 22, 1897	240	.....	.....	.....
Frank Snyder	do	Aug. 18, 1898	.....	.....	480	.....	.....	.....
Louise Douglas	Laborer	Apr. 26, 1897	.....	.....	720	.....	.....	.....
Sarah L. Garner	Charwoman	Oct. 1, 1897	.....	.....	480	.....	.....	.....
.....do	do	May 10, 1898	.....	.....	240	.....	.....	.....

SALARIES AND EXPENSES.

WASHINGTON, D. C.								
Geo. F. Thompson	Clerk	Mar. 1, 1898	.....	.....	\$1,800	.....	.....	\$605.00
C. O. Goodpasture	do	Mar. 21, 1898	.....	.....	1,000	.....	.....	280.56

Flagler H. Phillips	Oct. 23, 1897	600	165.87	
Stella L. Carpenter	Apr. 1, 1898	600	150.00	
W. S. Orton	Jan. 17, 1898	600	124.67	
L. W. Thavis	May 1, 1898	600	100.50	
John H. Gaskins	do	600	100.50	
Geo. E. Howard	Apr. 17, 1898		75.00	
Sarah Proctor	June 1, 1898		60.00	
Anna C. Kelton	Mar. 24, 1898		162.90	
Lucy A. Gardner	do		160.00	
Alice R. Kennedy	May 1, 1898		80.00	
May H. Wright	do		40.00	
James R. Brown	Mar. 31, 1898		80.00	
D. E. Salmon	May 1, 1898			
S. K. Burch			\$218.30	Traveling expenses
A. D. Melvin			160.55	do
G. M. Brumbaugh			259.57	do
I. C. I. Evans			61.32	do
Jas. M. Pickens			84.37	do
Jas. Stevenson			17.15	do
T. S. Palmer			9.55	do
C. O. Goodpasture			21.65	do
Toole A. Geddes			25.70	do
Geo. E. Howard			64.00	do
Am. Berkshire Association				Illustrating bulletins
Logan, Swift & Brigham				McIntosh, Disease of the Pig
Envelope Co.				Envelopes, printed
Postal Telegraph Cable Co.			\$397.75	Telegrams
Adams Express Co.			1.00	Expressage
The Springfield Envelope Co.			204.90	Manila envelopes
Chicago and Northwestern Rwy. Co.			70.40	Transportation, Burch, Melvin, et al.
The Chicago and Alton Rwy. Co.			7.50	Transportation, Melvin
The Wabash R. R. Co.			15.00	Transportation, Melvin & Geddes
United States Express Co.			98.82	Expressage
Baltimore and Ohio R. R. Co.			108.50	Transportation, Burch, Melvin, et al.
J. R. Buckelew			98.35	Paper, letter books, and cards
United States Electric Lighting Co.			2.14	Use of electric current
Pennsylvania Co.			107.60	Transportation, Salmon, Melvin, et al.
Kansas City, St. Joseph and Council Bluffs R. R. Co.			17.65	Transportation, Burch, Melvin, et al.
Louis S. Hayden			15.75	Horse book
The Lawyers' Cooperative Publishing Co.			6.00	General Digest

a Per month.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services end- ed.	Compensation.		Disbursements.			Miscel- laneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Travel- ing.	
WASHINGTON, D. C.—cont'd.									
Chicago, Indianapolis and Louisville Rwy. Co.						Transportation, A. D. Melvin.		\$5.00	
People's Dispatch Co.						Freight.			\$5.90
Harry C. Jones						Engraving ducks and geese			66.57
Walter Wellman						Writing report on export horses.			500.00
Library Bureau (Boston)						Index cards and guides			8.25
New York Central and Hudson River R. R. Co.						Transportation, Salmon, Mel- vin, et al.		33.60	
Capital Traction Co.						Street-car tickets			20.00
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.						Transportation, Melvin and Evans.		17.25	
Louisville and Nashville R. R. Co.						Transportation, Geddes, Mel- vin, and Burell.		17.00	
Mrs. M. A. S. Colman						Typewriting, and rent of ma- chine.			7.74
Wyckoff, Seamans & Bene- dict						Repairing typewriter.			2.00
New York, New Haven and Hartford R. R. Co.						Transportation, Melvin and Brumbaugh.		24.50	
W. B. Moses & Sons						Chairs, desk, and bookcase.			63.95
Western Union Telegraph Co.						Telegrams			205.39
Wm. D. Owen						Certified copy of law of In- diana.			1.10
Jno. L. Crawford						Certified copy of law of Florida.			1.25
S. P. Johnson						Typewriters, tables, and cov- ers.			173.25
Georgetown and Tenny- town Rwy. Co.						Street-car tickets			10.00
J. Bell Bigger, clerk house of delegates, etc., of Vir- ginia.						Certificate of act of Virginia, domestic animals.			3.5
John C. Parker						Stationery			73.12
Geo. H. Wallace						Copy of law of New Mexico			4.00
Will D. Jenkins, secretary of State.						Copy of law of State of Wash- ington.			50.00

Chas. H. Akers.....									26.00
Easton & Rupp.....									12.34
Edw. F. Ehinger.....									.39
Terre Haute and Indianapolis R. Co.									20.25
The Missouri Pacific Rwy. Co.									58.84
M. Du Perow.....									24.30
Josephine L. Camp.....									1.25
The Chesapeake and Ohio Rwy. Co.									42.00
Louisville, Evansville and St. Louis Consolidated R. Co.									16.00
Geo. A. Shehan.....									6.92
L. H. Hopkins.....									2.00
T. S. Palmer.....									4.60
Southern California Rwy. Co.									10.00
The Geo. W. Knox Express Co.									.25
Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.									15.00
The Atchison, Topeka and Santa Fe Rwy. Co.									23.07
Lake Shore and Michigan Southern Rwy. Co.									30.00
Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.									15.80
Allegheny Valley Rwy. Co.									13.80
Chicago, Milwaukee and St. Paul Rwy.									11.96
Southern Pacific Co.									11.35
Total.....								\$2,185.00	1,614.23
SCIENTIFIC INVESTIGATIONS.									
Chas. M. Day.....	Assistant inspector.	Nov. 19, 1894						763.06	436.29
Robt. H. Treacy.....	do	Oct. 12, 1896						66.67	
Wm. C. Shinnoneck.....	Messenger.	Apr. 3, 1897						330.00	
F. K. Cameron.....	Expert assistant.	June 1, 1898						75.00	
Geo. M. Rudin.....	Laborer.	do						50.00	
Chas. D. Harvey.....								35.00	
Ch. Wardell Stiles.....	Services as plumber.								720.92
Victor A. Norgaard.....	Traveling expenses.								403.25
E. A. de Schweinitz.....	do								271.11
Geo. C. Paville.....	do								26.25

α Per month.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services en- d.	Compensation.		Disbursements.					
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Travel- ing.	Miscel- laneous.		
SCIENTIFIC INVESTIGA- TIONS—continued.											
Chas. F. Dewyson.....								Traveling expenses.....		\$13.90	
Louise Taylor.....								do.....		1.25	
Capital Traction Co.....								Street-car tickets.....			\$8.00
W. M. Galt & Co.....								Feed, oats, bran, and hay.....			28.00
E. M. Wilks.....								Ice.....			185.35
International Navigation Co.....								Transportation, Ch. W. Stiles.....		157.75	
United States Electric Lighting Co.....								Electric current.....			49.53
Maekall Bros. & Flemer.....								Flasks, drugs, and chemicals.....			171.34
James Bellwood.....								Boarding cattle.....			67.50
G. E. Stecher.....								Scientific books.....			33.05
J. Harrison Johnson.....								Rent of laboratory.....			1,200.00
Z. D. Gilman.....								Syringes, thermometers, and bulbs.....			37.73
Rudolph, West & Co.....								Label holders and casters.....			7.73
Bausch & Lomb Optical Co.....								Boxes, syringes, and bottles.....			250.80
Lemcke & Buechner.....								Scientific books.....			5.46
Pennsylvania R. R. Co.....								Transportation, Nørgaard and Stiles.....		121.25	
The Kuy-Scheerer Co.....								Syringes and needles.....			16.78
Wyckoff, Seamans & Bene- dict.....								Repairing typewriters.....			13.10
Thos. Somerville & Sons.....								Repairing steam pump.....			23.80
Chas. R. Edmonston.....								Filter tubes, buckets, and pots.....			34.53
L. H. Hopkins.....								Drug mill.....			1.50
The Missouri Pacific Rwy. Co.....								Transportation, Nørgaard and Day.....		51.16	
The Baltimore and Ohio Southwestern Rwy. Co.....								do.....		55.70	
E. Morrison Paper Co.....								Manila cardboard.....			15.00
Eimer & Arndt.....								Bottles and chemicals.....			12.70
Joseph Mathy.....								Sheet lead for table cover.....			7.90
Barber & Ross.....								Drug and bone mill.....			33.35
V. A. Nørgaard.....								Guinea pigs, meat, eggs, etc.....			7.96
Whitall, Tatam & Co.....								Homeopathic vials.....			15.05
Ch. Wardell Stiles.....								Zenoleum, thermometers, and drugs.....			24.53

Ernest Betz.....	Services and materials.....	50.85
Jno. T. Milliken & Co.....	Hog-cholera antitoxin.....	7.50
W. H. Lowdermilk & Co.....	Scientific books.....	21.85
Henry H. Brown.....	Photographic materials and photographs.....	38.37
Edw. S. Schmid.....	Guinea pigs.....	38.50
Library Bureau.....	Guides and cards.....	81.44
Chicago and Northwestern Rwy. Co.....	Transportation, V. Nørgaard.....	12.50
Fremont, Elkhorn and Missouri Valley R. R. Co.....	Transportation, C. M. Day.....	4.94
H. C. Underwood Manufacturing Co.....	Boxes.....	19.21
Thomas Binnix.....	Covering table with sheet lead.....	8.50
Southern Rwy. Co.....	Transportation, Nørgaard and Dawson.....	90.65
Chicago, Rock Island and Pacific Rwy. Co.....	Transportation, C. M. Day.....	11.40
Boston and Albany R. R. Co.....	Transportation, Ch. W. Stiles.....	4.98
Geo. A. Sheehan.....	Lumber for tables.....	6.00
Fred. B. Nichols & Co.....	Planetary pencil sharpener.....	2.75
W. B. Moses & Sons.....	Refrigerator, desk, chairs.....	90.20
Jas. T. Dougherty.....	Guinea pigs.....	7.50
S. S. Shedd & Bro.....	Covering tables with lead.....	13.50
Waters-Pierce Oil Co.....	Paraffin, zane, and dynamo oil.....	105.00
The St. Joseph and Grand Island Rwy. Co.....	Transportation, C. M. Day.....	.86
Terro Haute and Indianapolis R. R. Co.....	Transportation, V. Nørgaard.....	20.25
W. A. Taggart.....	Boarding horse.....	30.42
Geo. E. Howard.....	Drawings of sheep.....	90.00
E. A. de Schweinitz.....	Velvets and foys for experiment.....	15.93
Wm. A. Curran.....	Guinea pigs.....	1.70
San Antonio and Aransas Pass Rwy.....	Transportation, V. Nørgaard.....	4.45
The Texas and Pacific Rwy. Co.....	do.....	21.20
Rufus P. Clarke.....	Linen handkerchiefs for microscopes.....	1.50
G. G. Cornwell & Son.....	Demi-johns.....	2.00
M. Du Perow.....	Electric fans.....	24.30
John A. Power & Co.....	Tapping water main, and material.....	55.50
Washington Gashlight Co.....	Gas pipe and laying same.....	25.00
Photocromo Engraving Co.....	Linocut engravings, "sheep scab".....	18.05
Burlington and Missouri River R. R. in Nebraska.....	Transportation, C. M. Day.....	1.10
International and Great Northern R. R. Co.....	Transportation, V. Nørgaard.....	8.35
Mrs. M. H. King.....	Lumber, livery, and feed.....	122.08

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services end- ed.	Compensation.		Disbursements.			Miscel- laneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Travel- ing.	
SCIENTIFIC INVESTIGA- TIONS—continued.									
Omaha and Republican Val- ley Ry. Co.						Transportation, C. M. Day		\$3. 18	
The Public Printer						1, 000 copies Bulletin No. 19			\$789. 75
Total							\$3, 549. 26	2, 442. 69	9, 749. 74
EXPERIMENT STATION. a									
Max F. Foerster	Architect	June 9, 1897		\$1,721.50		Services		430. 37	
Geo. W. Brett	Skilled laborer	Sept. 1, 1896		660.00		do		302. 53	
Taylor Trico	Laborer	Sept. 16, 1894		660.00		do		302. 53	
T. C. Blackiston	do	Jan. 15, 1898		660.00		do		176. 13	
F. H. Phillips	do	Oct. 23, 1897		660.00		do		248. 30	
W. S. Orton	do	Jan. 15, 1898	Apr. 16, 1898	660.00		do		25. 00	
Robt. W. Walters	do	Mar. 31, 1898				do		150. 00	
Herbert Henderson	do	May 24, 1898				do		93. 87	
Wm. Faden	do	do	June 30, 1898			do		93. 87	
David Turner	do	Apr. 16, 1898				do		75. 00	
Chas. D. Harvey	do	Apr. 1, 1898				do		7. 00	
Jos. Lindner	do	May 26, 1898				do		35. 81	
D. Suddath	do	Sept. 22, 1897	Oct. 21, 1897			do		60. 00	
John Richards	do	June 27, 1896				do		229. 12	
W. M. Galt & Co.						Corn, oats, and rock salt		488. 15	
Damenhower & Co.						Meal, bran, hay, and salt		2, 017. 38	
H. J. Ruppert						Rent, experiment station,			2, 200. 00
						Boarding			
E. C. Schroeder						Horseshoeing and towels			27. 81
H. C. Sisson						Filling and grading for barns			348. 00
H. Bradley Davidson						Rent, experiment station,			550. 00
						Bothesda.			
MacKall Bros. & Flemer						Beakers, pipettes, and drugs			42. 40
J. H. Hobson						Labor and material, boiler			118. 50
						house and tank			
W. G. Offutt						Painting water tank			12. 00
Sam'l. Lloyd						Furnishing and buying pipes,			67. 12
						cleaving tank			
H. K. Malford Co.						Guinea pigs			12. 00
Max F. Foerster						Street-car fares			24. 20

The Chesapeake and Potomac Telegraph Co.				135.02	Telegraph service		
David Pflerling				54.00	Cattle, for experiment		
Edw. S. Schmidt				12.36	Prepared feed		
A. Wilson & Bro.				236.75	Cabbage, hay, and straw		
The Geo. W. Knox Express Co.				224.00	Expressage		
Z. D. Gilman				25.46	Thermometers and scissors		
Rudolph, West & Co.				177.28	Hardware		
Geo. F. Muth & Co.				78.16	Lamps, lanterns, oil, etc.		
The Manhattan Supply Co.				10.23	Regulator clock		
W. B. Moses & Sons				14.25	Window shades		
Melville Lindsay				28.00	Rubber hose		
Barber & Koss				8.00	Oil stove		
F. P. May & Co.				4.48	Hardware		
M. Du Perow				2.00	Electric bells and attachments		
N. Van Nostrand				19.00	Stone for repairing roads		
Johnson Bros.				101.00	Furnace coal		
The Kuy-Scheerer Co.				19.60	Antifoxin, syringes, and supplies		
Allegheny Co.				24.25	Coal		
J. T. Walker Sons				3.75	Lime		
Chas. F. Hale				75.00	Fire extinguishers		
Hugh Kelly				29.69	Linseed oil, paints, etc.		
M. G. Copeland & Co.				3.70	United States ensign		
Francis Miller				6.25	Oil finish		
C. Becker				5.05	Carriage robe, grease, and oil		
McDermott Carriage Co.				19.00	Painting and repairing carriage		
S. S. Daish & Son.				135.20	Corn, bran, and meal		
F. T. Moran				9.00	Rock salt		
Fred A. Schmidt				2.47	75-foot tapeline		
DAIRY DIVISION.							
John H. Monrad	Special agent	Dec. 11, 1897	Feb. 20, 1898	b \$225.00		570.39	
Newton B. Ashby	do	Mar. 16, 1898		b 200.00		533.33	201.99
Wm. H. Healy						30.00	
H. E. Alford							825.67
I. A. Pearson							173.85
W. H. Wray							79.06
International Navigation Co.							251.58
The J. F. W. Dorman Co.							15.40
Bentley & Son							49.98
The Jensen Creamery Co.							82.36
Geo. E. South							59.67
Waite & Parkhurst							6.40
Whitall, Fatum & Co.							12.79
W. H. Veerhoff							16.80
F. W. Edmunds							113.19

^a Included in "Scientific investigations."

^b Per month.

Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	Transportation, R. A. Pearson.	16.00	
Baltimore and Ohio R. R. Co.	do	16.00	
The Mosler Safe Co.	Safe	15.00	
Wickoff, Seamans & Benedict.	Repairing typewriters	.60	
M. Du Perow	Electric fans	24.30	
E. B. Woodward	Butter	677.40	
Schwarz & Sulzberger Co	Butter and freight	134.42	
Boardman Bros.	Eggs	93.60	
De Witt Goodrich	Butter	605.20	
Morrison & Mamville Egg Crate Co.	Egg crates	9.00	
White Star Line	Freight on butter	44.27	
A. Jensen	Butter	430.20	
Union Creamery Co	do	353.96	
W. A. Fate	Brackets for electric fans	.48	
The Geo. W. Knox Express Co.	Drayage and moving safe	4.01	
Chas. R. Edmonston	Pasteur filter	12.75	
Newton B. Ashby	Cables, maps, stationery	26.10	
John C. Parker	Shoe tags	3.40	
Chicago and Northwestern Rwy. Co.	Transportation, H. E. Alvord	3.20	
The Atchison, Topeka and Santa Fe Rwy. Co.	Freight on dairy machinery	7.96	
Burlington, Cedar Rapids and Northwestern Rwy. Co.	Transportation, H. E. Alvord	4.64	
Hovey, Clark & Co.	Butter	100.96	
J. G. Turnbull	do	228.19	
Merchants' Refrigerating Co	Freight and storage, butter	40.00	
Chicago, Milwaukee and St. Paul Rwy.	Transportation, H. E. Alvord	12.80	
The Public Printer	1,500 copies Dairy Test Record, 31,000 copies Farmers' Bulletins, 6,000 copies Creameries or Butter Factories.	1,357.28	
Total		\$1,133.72	1,477.61
TUBERCULIN MANUFACTURE, a			7,311.30
Mackall Bros. & Flemer	Vials, corks, tubes, and filters.		129.87
Washington Gaslight Co.	Gas		219.80
E. A. de Schweinitz	Meat, eggs, sawdust, and potatoes.		84.16

a Included in "Scientific investigations."

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
TUBERCULIN MANUFACTURE—continued.									
Fred Hawley.....						Wooden boxes.....			\$19.00
John C. Parker.....						Gummed labels.....			6.31
Total.....									459.14
COLLECTING INFORMATION.									
Edward Sheldon.....	Agent.....	Mar. 22, 1893	Nov. 30, 1897	\$10.00			\$260.00	\$134.45	
John T. McNeely.....	do.....	May 10, 1897					499.90	269.35	
Tookie A. Giddes.....	Inspector.....	June 16, 1896		1,400			235.80	120.48	
Chas. H. Stevens.....	Special agent.....	May 7, 1898					176.94	30.42	
The Denver and Rio Grande R. R. Co.....						Transportation, J. T. McNeely.....		6.00	
Great Northern Rwy. Co.....						Transportation, Edw. Sheldon.....		11.60	
Erie Railroad Co.....						do.....		18.00	
Michigan Central R. R. Co.....						Transportation, C. H. Stevens.....		13.50	
Chicago, Milwaukee and St. Paul Rwy. Co.....						do.....		21.24	
Total.....							1,171.64	625.04	
HOG CHOLERA SERUM EXPERIMENTS.									
Wm. C. Gessford et al.....	Laborers.....	Apr. 13, 1898	May 31, 1898			Servises at station.....	247.50		
J. A. Moxley et al.....	do.....	do.....				do.....	676.25		
Thomas V. Cole.....	Laborer.....	May 4, 1898	May 31, 1898			do.....	2.50		
Wm. A. Scheerer.....	do.....	May 20, 1898	June 30, 1898			do.....	17.50		
John L. Furr.....	do.....	do.....	do.....			do.....	30.00		
Hillery T. Burrows.....	do.....					Levechug land for stables.....			353.43
Rudolph, West & Co.....						Folts, hasps, chains, and hinges.....			38.75
Thomas R. Riley.....						Lumber for stables.....			654.92
James B. Lambie.....						Shovels.....			1.50
Whitall, Tatum & Co.....						Jars for serum.....			63.22
The Kay, Scheerer Co.....						Syringes.....			7.75
Geo. A. Sheelar.....						Lumber and hauling.....			1,688.66
E. C. Schroeder.....						Messenger hire.....			1.00

C. M. Collier.....	do	63.00
D. D. Stitt.....	do	126.30
S. E. Frank.....	do	23.74
Frank Morley.....	do	6.88
Fred Boles.....	do	10.20
D. B. Holton.....	do	10.50
J. E. McCurdy.....	do	15.60
Jos. A. Bloom.....	do	88.20
J. D. Laughlin.....	do	19.68
Franklin McCurdy.....	do	142.01
Ambrose Beery.....	do	88.00
A. C. Harland.....	do	3.75
Edwd. Crosby.....	do	67.02
Isaac Mulkins.....	do	75
Jacob Hamm.....	do	1.50
T. E. Earhart.....	do	2.00
C. E. Worrall.....	do	3.00
J. S. Crosby.....	do	2.00
C. A. Gates.....	do	10.62
L. W. Good.....	do	8.00
Frank Brokaw.....	do	3.00
J. D. Maxwell.....	do	188.98
Caleb Hall.....	do	5.60
E. N. Fowler.....	do	72.50
P. P. Castle.....	do	12.60
Jas. Whitmore.....	do	2.00
R. T. Johnson.....	do	371.45
J. W. Duncan.....	do	181.02
J. D. Elliott.....	do	170.91
J. S. McFarland.....	do	150.00
Pritchard Bros.....	do	510.00
J. S. Hayes.....	do	142.30
T. Henry.....	do	2.25
N. W. Winter.....	do	19.76
R. D. Farnus.....	do	158.50
S. M. Elrick.....	do	166.80
David Harris.....	do	228.02
Ed. Hakes.....	do	360.00
Jno. W. Service.....	do	94.00
L. L. Johnston.....	do	155.02
J. S. Bentley.....	do	66.95
Edwd. Hollis.....	do	6.75
A. C. Jackson.....	do	10.00
Aug. C. Frisby.....	do	50.00
S. E. McAlpin.....	do	144.75
James Dunn.....	do	135.00
Saml. Hollis.....	do	83.15
Phil. M. Crockett.....	do	1.50
S. W. Kelley.....	do	168.00
M. R. Ansbach.....	do	53.80
A. A. Berry.....	do	161.00
W. T. Craun.....	do	375.01

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services end- ed.	Compensation.		Disbursements.			Miscel- laneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Travel- ing.	
ERADICATION OF HOG CHOL- ERA AND SWINE PLAGUE— continued.									
<i>Clarinda, Iowa—Cont'd.</i>									
M. E. Miller.....						Hogs for experiment.....			\$15.00
C. P. Jackson.....						do.....			10.00
Geo. W. Dudley.....						do.....			26.25
E. Beal.....						do.....			100.75
Mrs. Rosema Carr.....						do.....			85.00
G. B. Hall.....						do.....			35.40
Louis Amman.....						do.....			21.60
O. A. Anderson.....						do.....			121.72
D. A. Farrars.....						do.....			3.00
J. C. Glasgow.....						do.....			5.00
G. H. Robinson.....						do.....			64.32
Total.....							\$3,196.23	\$1,900.88	6,634.75
IMPORT CATTLE INSPECTION.									
Jno. A. Bell.....	Veterinary inspector.	Aug. 1, 1892		\$8.00				284.00	91.00
Charles Cowie.....	do	Feb. 1, 1892		5.00				555.00	6.75
G. W. Ward.....	do	May 1, 1892		5.00				880.00	227.08
F. M. Perry.....	Inspector.	Sept. 1, 1894		8.00				1,296.00	394.38
F. L. Russell.....	do	do		8.00				848.00	502.55
C. L. Morin.....	Assistant inspector.	July 10, 1897		4.00				280.00	38.45
Benj. Howes.....	do					Traveling expenses.....			46.76
E. N. Hutchinson.....	do					do.....			8.70
B. P. Wende.....	do					do.....			5.25
Wm. A. Rushworth.....	do					do.....			14.50
Louis A. Robinson.....	do					do.....			10.11
Jno. P. O'Leary.....	do					do.....			110.47
Wm. B. E. Miller.....	do					Thermometers and brushes.....			6.60
Charles Cowie.....	do					Street-car fares.....			2.70
Nelson P. Hinkley.....	do					F. J. Schriener, labor.....			12.00
Total.....							4,243.00	1,456.90	21.30

EXPORT CATTLE INSPECTION.

Chicago, Ill.

James Fleming	Assistant inspector	Jan. 1, 1896	\$1,200	1,186.81		
Max Wolf	Clerk	Feb. 1, 1896	1,000	1,000.00		
Jas. V. De Vine	Live-stock agent	Jan. 1, 1894	900	853.00		
Arda Watson	do	do	900	900.00		
Jno. F. Kelly	Stock examiner	June 30, 1895	900	815.00		
Michl. J. Quirk	do	Jan. 16, 1895	900	897.50		
Wm. C. Honan	do	May 1, 1897	900	147.48	10.77	
Dighton Granger	Tagger	Oct. 18, 1897	720			
Do	Stock examiner	June 1, 1898	900	478.41		
Patk. H. Griffin	Tagger	Feb. 15, 1894	720	121.21		
Jere. Holland	do	June 12, 1894	720	720.00		
John Jones	do	Nov. 6, 1893	720	152.50		
Michl. M. Murray	do	Dec. 15, 1893	720	536.66		
Richd. Walsh	do	June 1, 1894	720	720.00		
Wm. Ryan	do	July 17, 1893	720	56.00		
Frank A. Padtock	Laborer	Dec. 1, 1896	720			
Do	Tagger	Feb. 1, 1898	2.00	365.43		
De L. Howard	do	Sept. 15, 1893	720	598.80		
W. S. Devoe	do					4.66
Union Stock Yard and						180.00
Trausitt Co.						
Wm. E. Pratt						
Chas. O. Brockway						
John Schroeder						
New York, N. Y.						
Wm. H. Rose	Veterinary inspector	Sept. 1, 1893	2,000	2,000.00	9.20	173.10
Henry Brister	do	July 15, 1892	1,600	1,600.00		
R. R. Letts	Inspector	Oct. 15, 1889	1,200	1,200.00		
Jos. P. McEhaney	Clerk	Sept. 1, 1893	1,200	1,200.00		
Jas. Flannery	Stock examiner	Jan. 1, 1894	1,000	1,000.00		
Wm. Foley	do	do	1,000	1,000.00		
Chas. F. Cramer	Tagger	May 1, 1896	720	720.00		
Edw. L. Flannery	do	Feb. 1, 1896	720	720.00		
Geo. Messmer	do	Sept. 15, 1893	720	790.00		
Chas. J. Munzing	do	Nov. 6, 1893	720	718.00		
Geo. E. Schumacher	do	Feb. 6, 1896	720	720.00		
Charles Tuohy	do	June 18, 1894	720	486.30		
James Stakenan	do	Apr. 30, 1898				
New York Telephone Co.	Office rent			500.00		
	Telephone rental			204.78		
Buffalo, N. Y.						
Nelson P. Hinkley	Inspector	Aug. 1, 1893	1,800	1,333.29		16.85
Louis A. Robinson	do	Jan. 1, 1897	1,400	1,400.00		
Bernard P. Wende	do	Sept. 11, 1893	1,400	1,400.00		
Jno. P. O'Leary	Assistant inspector	Feb. 1, 1896	1,200	1,703.30		

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
EXPORT CATTLE INSPECTION—continued.									
<i>Buffalo, N. Y.—Continued.</i>									
Benj. Howes.....	Assistant inspector.....	Feb. 1, 1898			\$1,200		\$496.70		
Albert H. Hoyt.....	Clerk.....	May 1, 1893			1,000		991.67		
Geo. H. Russell.....	do.....	Nov. 10, 1897				840	534.15		
Frank J. Daualy.....	Tagger.....	May 1, 1893			720		236.64		
Jno. Mazurovski.....	do.....	July 10, 1893			720		720.00		
Frank J. Gilmore.....	do.....	Feb. 1, 1896			720		262.12		
Ernest F. Slater, jr.....	do.....	Dec. 7, 1896			720		520.33		
Ransom Hinkson.....	do.....	Apr. 25, 1896			720		420.60		
Wm. J. Carroll.....	do.....	Apr. 16, 1894			720		118.00		
Nelson P. Hinkley.....	do.....						Office rent.....		\$137.10
Wm. E. Pratt.....	do.....						Hog ringers.....		1.35
East Buffalo Live Stock Exchange Co.....	do.....						Office rent.....		195.48
W. B. Mosos & Sons.....	do.....						Desks and chairs.....		73.52
<i>Baltimore, Md.</i>									
H. A. Hodrick.....	Inspector.....	July 16, 1893			1,600		1,600.00		41.09
Isaac L. Ball.....	Clerk.....	Dec. 1, 1892			1,200		1,200.00		
Wm. Bennett.....	Tagger.....	Apr. 16, 1893			720		720.00		
Jos. E. Blondell.....	do.....	do.....			720		720.00		
Chas. Eisenreich.....	do.....	Mar. 15, 1894			720		720.00		
Wm. J. Sullivan.....	do.....	Aug. 14, 1893			720		720.00		
N. Rufus Gill.....	do.....						Office rent.....		125.00
C. O. Brockway.....	do.....						Metal tags.....		14.00
Chicago Car Seal and Manufacturing Co.....	do.....						Round tin boxes.....		4.00
The Chesapeake and Potomac Telephone Co.....	do.....						Telephone rental.....		78.00
Wm. E. Pratt.....	do.....						Hog ringers.....		33.80
<i>Philadelphia, Pa.</i>									
George Carter.....	Stock examiner.....	Jan. 1, 1894			1,000		1,000.00		16.49
Wm. J. Haughey.....	Laborer.....	Aug. 22, 1896			\$2.00		116.00		
Chas. A. Schauter.....	do.....						Towels, rec, and stationery.....		26.80
The Bell Telephone Co. of Philadelphia.....	do.....						Telephone rental.....		26.67

Boston, Mass.

Daniel D. Lee	Inspector	Sept. 1, 1893	Feb. 28, 1898	2,000	1,257.14	30.95
A. G. G. Richardson	do	July 1, 1896		1,400	543.93	177.12
Do	do	Apr. 1, 1898		1,200		
Geo. W. Pope	Assistant inspector	Nov. 11, 1895		1,400		
Do	Inspector	Apr. 1, 1898		1,200	1,250.00	
Jno. G. Slee	Assistant inspector	Apr. 14, 1897		1,200	187.91	
Thomas Goylo	Stock examiner	Jan. 1, 1894		1,900	1,000.00	23.25
Thos. Mulligan, jr.	do	do	Feb. 12, 1898	1,000	119.82	
Jno. P. Freeman	Clerk	Nov. 6, 1893	Mar. 31, 1898	1,000	747.23	
Jno. L. Gilman	do	Apr. 1, 1898		840	210.00	
L. L. Bullard	Tagger	Mar. 1, 1892		720	718.00	
Wm. J. Corbett	do	Feb. 1, 1896		720	478.00	
Patk. F. Murphy	do	Sept. 15, 1893		720	585.30	
Geo. H. Oliver	do	Dec. 7, 1891	Jan. 21, 1898	720	289.51	
John Shannon	do	Mar. 1, 1892		720	720.00	
Ed. D. Fitzgerald	do	Mar. 10, 1898		720	224.00	
Cyrus K. Small	do	Jan. 8, 1896		720	180.00	
Jas. S. Kennally	do	May 23, 1898		720	61.28	
Jas. G. Jeffrey	do	Feb. 1, 1898		720	35.38	
Harry F. Hume	Laborer	May 29, 1896		1.50	120.00	490.00
Jos. F. Dean	do					156.00
New England Telegraph and Telephone Co.						
The Boston Gaslight Co.						
Wm. B. Moses & Sons						
Ezra B. Whittier						

Office rent and furniture.
Telephone rental.
Gas.
Desk, chair, and stool.
Walnut table.

Pittsburg, Pa.

Harry N. Waller	Assistant inspector	June 1, 1895		1,200	1,250.00	4.58
Do	Inspector	Apr. 1, 1898		1,400		
Geo. Cronley	Laborer	June 1, 1896	Sept. 8, 1897	2.00	38.00	
Walter J. Moran	do	do		2.00	79.00	
Wm. Miller	do	do		2.00	82.00	
Jno. T. Callahan	do	do		2.00	20.00	
F. J. Gilmore	do	Sept. 3, 1897				
Lake Shore and Michigan Southern Rwy. Co.						5.75
Chas. O. Brookway						5.40
Norfolk and Newport News.						14.00
Geo. C. Faville	Inspector	Dec. 15, 1893		1,400	1,400.00	25.55
Sol. Miller	Stock examiner	May 1, 1894		1,000	1,000.00	144.00
J. A. Turner & Co.						7.00
Chas. O. Brookway						

Traveling expenses.
Transportation, F. J. Gilmore.
Metal tags.

Office rent.
Metal tags.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services end- ed.	Compensation.		Disbursements.					
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Travel- ing.	Miscel- laneous.		
EXPORT CATTLE INSPEC- TION—continued.											
<i>Portland, Me.</i>											
F. W. Huntington	Inspector	June 1, 1896			\$1,200		\$700.00				\$1.00
F. W. Sargeant	Laborer	Dec. 1, 1896		\$2.00			294.00				
<i>Great Britain.</i>											
W. H. Wray	Veterinary inspector	Feb. 1, 1894		12.50			4,562.50	\$102.26			
Jas. F. Ryder	do	Oct. 1, 1892			2,000		2,000.00	510.00			
Frank M. Hunter	Clerk	Sept. 1, 1897			1,000		987.31				
<i>New Orleans, La.</i>											
Asa N. McQueen	Veterinary inspector	Feb. 8, 1892		5.00			40.00				
<i>Miscellaneous.</i>											
Wm. E. Pratt											228.57
Chas. O. Brockway											222.50
Thos. J. Turner											1.52
Saml. E. Bennett											1.30
Pittsburg Cincinnati, Chi- cago and St. Louis Rwy. Co.											.27
Baltimore and Ohio R. R. Co.											2.86
New York, New Haven and Hartford R. R. Co.											.71
Chicago, Indianapolis and Louisville Rwy. Co.											.48
Total							59,076.81	715.66			3,665.34
<i>SOUTHERN CATTLE INSPEC- TION.</i>											
<i>East St. Louis.</i>											
Louis P. Cook	Assistant inspector	May 1, 1896			1,200		283.68	4.50			
A. W. Crawford	Stock examiner	Apr. 1, 1897	Mar. 1, 1898		900		266.54				
Jno. F. Schiermann	do	do	do		900		415.00				

Tagger	Feb. 15, 1895	720	332.00	21.25
Jos. Sullivan Chesapeake and Ohio Rwy. Co.				
<i>Kansas City, Kans. and Mo.</i>				
Albert Dean	Sept. 1, 1893	1,800	1,800.00	118.72
A. B. Morse	May 19, 1895	1,400	700.00	38.25
Wm. D. Jordan	Jan. 1, 1894	1,200	1,200.00	589.15
Dan. McCunningham	do	1,200	1,200.00	543.35
George C. Moser	do	1,200	1,200.00	103.30
Joseph Brusler	do	1,400		
Do	do	1,200	1,274.43	
W. E. Hill	Nov. 15, 1897	1,400		
Do	Jan. 1, 1894	1,400	1,274.43	170.93
Do	Nov. 15, 1897	1,200		
Chas. H. Blomer	Aug. 16, 1895	1,200	1,250.00	574.45
Do	Apr. 1, 1898	1,400		
Harry B. Adair	Oct. 1, 1896	1,200	703.30	145.30
Abram M. Adams	Feb. 12, 1897	1,200	1,156.60	198.70
Leslie J. Allen	Aug. 11, 1896	1,200	1,570.03	221.15
Geo. A. Bond	Feb. 24, 1898	1,200	419.97	88.20
Thos. A. Bray	Apr. 1, 1897	1,200	900.00	212.83
Frank C. Bellis	Mar. 1, 1898	1,200	403.30	20.53
Fredk. W. Hopkins	Feb. 15, 1896	1,200	10.00	
Peter I. Korshner	Feb. 3, 1897	1,200	903.30	109.76
Jno. K. Mohler	Feb. 1, 1897	1,200	254.37	87.00
S. J. Murray	May 23, 1898	1,200	121.98	21.01
Jas. J. Sumnerfield	May 26, 1898	1,200	118.68	18.55
P. H. Mallowney	Jan. 17, 1898	1,200	546.70	195.15
Frank T. Shannon	July 15, 1895	1,200	1,373.90	156.11
Rice P. Steadman	Apr. 1, 1897	1,200	496.70	267.71
Thomas L. Rice	Feb. 10, 1898	1,200	305.09	42.25
A. J. Murray	Mar. 21, 1898		100.00	88.80
Thos. P. Barbour	May 1, 1895	900	75.80	
W. N. D. Bird	Mar. 15, 1895	900	885.25	15.40
De N. Jewett	Jan. 24, 1898	900	450.01	51.40
Alexander Lobb	Do	1,200		
Do	Feb. 15, 1894	900	456.53	23.65
B. L. Stine	Feb. 10, 1895	900	372.50	
Jos. W. Parker	Aug. 1, 1897	840		
Do	May 1, 1897	900	860.20	
Do	Mar. 1, 1898			
Albert Dean				
Kansas City Stock Yards Co.				
The J. H. North Furniture and Carpet Co.				
San Antonio and Aransas Pass Rwy. Co.				
Southern California Rwy. Co.				
Galveston, Harrisburg and San Antonio Rwy. Co.				
Transportation, L. P. Cook				21.25
Office chair and stand				10.00
Telegrams				42.05
Office rent				180.00
Transportation, Kershner and Bells.				18.40
Transportation, Hill and Moh- ler.				75.00
Transportation, Rice, Bond, Bray et al.				168.25

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
SOUTHERN CATTLE INSPECTION—continued.									
<i>Kansas City, Kans. and Mo.—Continued.</i>									
Southern Pacific Co.....							Transportation, Hill, Adair, Morse et al.	\$213. 00	
The Atchison, Topeka and Santa Fe Rwy. Co.							Transportation, Adair	35. 10	
Thos. Beynon (stage).....							Transportation, Eells	15. 00	
The Missouri Pacific Rwy. Co.							Transportation, Dean	4. 75	
Missouri, Kansas and Texas Rwy. Co.							Transportation, Eells and Kerslner.	35. 20	
The Rio Grande Western Rwy. Co.							Transportation, Steddom	18. 00	
Chicago, Burlington and Quincy R. R.							Transportation, Blemmer	10. 84	
International and Great Northern R. R. Co.							Transportation, Blemmer, Bray et al.	94. 65	
The Wabash R. R. Co.....							Transportation, Dean and Sihler.	12. 65	
Nashville, Chattanooga and St. Louis Rwy. Co.							Transportation, Sihler	12. 45	
The Texas and Pacific Rwy. Co.							Transportation, Shannon	18. 50	
Ft. Worth and Rio Grande Rwy. Co.							do	8. 50	
Chicago Great Western Rwy. Co.							Transportation, Morse	6. 65	
<i>Memphis, Tenn.</i>									
Thos. L. Armstrong.....	Inspector.	May 1, 1897			\$1, 400				\$152. 14
Teoie A. Geddes.....	do	July 1, 1896			1, 400				114. 20
<i>Buffalo, N. Y.</i>									25. 17
Ransom Hinkson.....	Tagger	Apr. 25, 1896			720				290. 40

<i>Norfolk, Va.</i>										
Jos. M. Turner	Stock examiner	Mar. 10, 1896	900	900.00	9.70					
Walter E. Stoner	Tagger	Apr. 7, 1897	720	720.00	12.95					
Jos. M. Turner									\$87.25	
Walter E. Stoner									18.85	
<i>Chicago, Ill.</i>										
Benj. S. Paddock	Live-stock agent	Nov. 1, 1896	1,200	1,000.04	210.56					
Wm. C. Honan	Stock examiner	May 1, 1897	900	752.48						
Richard E. Lyman	do	Apr. 23, 1894	900	752.48						
Arthur Stuart	do	Feb. 1, 1896	900	325.27						
Edw. Brundige	do	Jan. 16, 1894	900	415.00						
Wm. Hutton	Laborer	Nov. 30, 1897		276.00						
Hiram Grable	do	Sept. 1, 1896		334.00						
W. S. Devoe	do								2.25	
John Schroeder	do								2.20	
<i>Miscellaneous.</i>										
Toole A. Geddes	Inspector	July 1, 1896	1,400							
Do	do	Apr. 1, 1898	1,600	1,100.00	222.20					
C. J. Sihler	do	July 1, 1896	1,800	401.15	155.07					
Jas. Irwin	Stock examiner	June 15, 1897	1,000	972.75						
Herbert M. Smith	do	Aug. 19, 1897	900	110.08	30.00					
W. C. Rayen	do	Nov. 30, 1894		266.66	12.97					
Julius Huelson	Live-stock agent									
Geo. C. Faville	do									
Jas. W. Davis	do				36.50					
James B. Lambie	do				5.45					
The Maurice Joyce En-	Hire, horse and buggy								112.50	
graving Co.	Tacks								1.10	
A. Hoen & Co.	"Southern fever" maps								11.60	
	"Southern fever" quarantine								125.00	
	maps,									
Albert J. Payne	Street-car fare								1.30	
Southern Rwy. Co.	Transportation, H. M. Smith									
Norfolk and Washington	do				11.20					
Steamboat Co.	do				4.00					
Pennsylvania R. R. Co.	Transportation, T. A. Geddes								21.00	
The Michigan, Topeka and	Transportation, A. E. Morse									
Santa Fe Rwy. Co.	do								35.10	
Virginia and Truckee R. R.	Transportation, C. J. Sihler								18.95	
Carson and Colorado Rwy.	do								16.20	
Total				31,371.94	5,701.36					544.10

a Per month.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per item.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION.									
<i>Chicago, Ill.</i>									
W. S. Devoe	Inspector	June 1, 1893			\$2,500.00				
O. E. Dyson	do	May 1, 1894			1,600.00			\$69.75	
O. J. Lanigan	do	Jan. 16, 1897			1,600.00				
Wm. A. Bruette	do	July 1, 1896			1,400.00				
Adolph M. Casper	do	Jan. 1, 1895			1,400.00				
Jos. B. Clancy	do	Aug. 15, 1893			1,400.00				
J. G. Fish	do	Jan. 16, 1895			1,400.00				
S. W. Burt	Veterinary inspector	Sept. 1, 1893			1,400.00				
O. G. Aherton	Assistant inspector	Nov. 10, 1896			1,200.00				
S. G. Burkholder	do	Jan. 1, 1897			1,200.00				
Herman Busman	do	Feb. 23, 1898			1,200.00				
L. Enos Day	do	Apr. 15, 1897			1,200.00				
Chas. E. McNeil	do	Mar. 4, 1898			1,200.00				
Albert E. Rishel	do	do			1,200.00				
F. L. DeWolf	do	Sept. 16, 1895			1,200.00				
Chas. H. Zink	do	June 1, 1896			1,200.00				
Geo. A. Lytle	do	Apr. 1, 1898			1,200.00				
Hiram W. Hawley	do	Nov. 1, 1895			1,200.00				
Ulysses G. Honck	do	Sept. 15, 1896			1,200.00				
James G. Hope	do	Mar. 4, 1898			1,200.00				
James C. Keely	do	Mar. 1, 1898			1,200.00				
Thos. A. Kierman	do	Nov. 10, 1896			1,200.00				
Frank B. McCall	do	do			1,200.00				
Harry D. Paxon	do	Jan. 4, 1897			1,200.00				
Wm. C. Stegmann	do	Jan. 17, 1898			1,200.00				
Niels C. Sorensen	do	July 15, 1895			1,200.00				
Do	Inspector	Apr. 1, 1898			1,200.00				
Walter J. Stewart	Assistant inspector	June 15, 1896			1,200.00				
Frank S. Tufts	do	Apr. 15, 1897			1,200.00				
Arthur R. Walke	do	Nov. 18, 1895			1,200.00				
Wm. H. Smith, jr.	do	Apr. 1, 1898			1,200.00				
Louis A. Klein	do	do			1,200.00				
Walter E. Howe	do	Apr. 11, 1898			1,200.00				
Charles Batting	Clerk	Sept. 1, 1894			1,000.00				
B. A. Galligan	do	Jan. 1, 1896			1,000.00				
E. B. Luce	do	Feb. 1, 1896			1,000.00				

Geo. V. McIntyre	do	do	Dec. 31, 1897	1,000	114.09
Charles S. Pev	do	do	do	1,000	1,000.00
S. H. Tourtellotte	do	do	Dec. 15, 1893	1,000	413.90
J. J. O'Malley	do	Jan. 10, 1898	do	900	900.00
Jacob K. Skinner	do	Nov. 1, 1895	do	900	900.00
Leroy Scribner	do	June 1, 1897	do	840	814.74
Irving W. Pew	do	Dec. 15, 1896	do	720	720.00
D. H. McArthur	do	Dec. 21, 1896	do	840	261.33
Norman R. Adams	do	Mar. 10, 1898	do	900	873.08
W. J. Bennett	do	Nov. 1, 1895	do	900	848.65
George Best	do	Jan. 1, 1894	do	900	669.20
Edw. Brundage	do	do	do	900	485.00
H. D. Burdick	do	Jan. 16, 1894	do	900	900.00
Thos. G. Clark	do	Jan. 8, 1894	do	900	900.00
F. C. Cooley	do	Jan. 1, 1894	do	900	900.00
Bryan I. Conway	do	Nov. 1, 1895	do	900	900.00
Jas. J. Dufficy	do	Jan. 1, 1894	Apl. 9, 1898	900	500.32
David Frisch	do	do	do	900	900.00
Jas. Gardner	do	do	do	900	897.57
Henry Grady	do	do	do	900	897.57
Geo. Grafton	do	do	do	900	900.00
James Hale	do	do	do	900	900.00
Thos. F. Hanley	do	Jan. 1, 1894	do	900	880.00
Geo. T. Hanton	do	June 24, 1895	do	900	868.12
Wm. Harpst	do	June 27, 1895	do	900	900.00
Wm. P. Hickey	do	do	do	900	900.00
Denis Hurley	do	Feb. 15, 1894	do	900	892.56
Jos. F. Jordan	do	Aug. 1, 1895	do	900	746.70
R. Kochanowski	do	Jan. 1, 1894	do	900	900.00
Otho D. Kortz	do	do	do	900	900.00
Geo. Lunnham	do	June 27, 1895	do	900	850.74
Abram M. Manny	do	Jan. 1, 1894	do	900	900.00
Jas. A. Murphy	do	July 27, 1897	do	900	833.95
Jno. Murphy	do	Jan. 1, 1894	do	900	900.00
Terence O'Brien	do	Feb. 15, 1894	do	900	892.67
Thos. O'Shaughnessy	do	do	do	900	900.00
G. W. Pierce	do	do	do	900	823.37
W. S. Pitcock	do	Jan. 8, 1894	do	900	837.58
Wm. Proudfoot	do	Aug. 1, 1895	do	900	900.00
Chas. W. Rowse	do	Feb. 1, 1896	do	900	858.41
Jno. J. Ryan	do	Nov. 11, 1895	do	900	900.00
Jno. W. Sarsfield	do	Dec. 1, 1893	do	900	900.00
Frank Schroeder	do	Jan. 1, 1894	do	900	900.00
Fredk. L. Simpson	do	June 27, 1895	do	900	900.00
Jno. B. Sine	do	do	do	900	900.00
Arthur Stuart	do	Dec. 1, 1893	do	900	900.00
Saml. T. Smith	do	Feb. 1, 1896	do	900	550.04
Chas. O. Turner	do	May 1, 1896	do	900	900.00
Wm. Umbach	do	Feb. 7, 1894	do	900	877.84
Thos. J. Wade	do	Nov. 1, 1895	do	900	900.00
Jno. Wallwork	do	July 1, 1896	do	900	900.00
Fred. D. Waterman	do	May 1, 1895	do	900	900.00
	do	Jan. 15, 1896	do	900	900.00

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
MEAT INSPECTION—cont'd.										
<i>Chicago, Ill.</i> —Continued.										
H. B. Weller	Stock examiner	Feb. 1, 1896			\$900			\$900.00		
H. D. Williams	do	June 27, 1895			900			900.00		
Geo. W. Wood	do	do			900			900.00		
Theo. F. Zundel	do	Nov. 1, 1895			900			900.00		
Richard E. Lyman	do	Apr. 23, 1894			720			147.48		
Wm. H. Baker	Tagger	May 1, 1896			720			354.11		
W. A. Brimer	do	Feb. 15, 1898			720			270.00		
Clark C. Bone	do	Oct. 18, 1897			720					
Do	do	June 1, 1898			900			374.90		
Wm. D. Clark	Stock examiner	Oct. 14, 1897			720			514.62		
Wm. Cleveland	Tagger	Jan. 1, 1892			720			720.00		
Harry H. Cofoid	do	Nov. 18, 1895			720			712.01		
Michl. J. Dinneen	do	Sept. 10, 1894		Mar. 31, 1898	720			430.33		
Geo. Fitzgerald	do	June 27, 1895			720			696.16		
Jas. A. Flanagan	do	May 23, 1895			720			720.00		
James Foley	do	July 17, 1893			720			720.00		
Wm. Fox	do	Feb. 1, 1894			720			706.19		
M. J. Freidline	do	June 8, 1896			720			717.94		
Thos. R. Fugle	do	Feb. 1, 1896			720			720.00		
Dighton Graner	do	Oct. 18, 1897			720			13.70		
Geo. J. Garrity	do	Sept. 1, 1893			720			720.00		
Albert E. Harris	do	May 1, 1896			720			720.00		
Jas. Horrigan	do	June 27, 1895			720			720.00		
DeL. Howard	do	Sept. 15, 1893			720			121.20		
Geo. Jacobson	do	Feb. 15, 1895			720			248.48		
Hulbert Jones	do	May 1, 1896		June 30, 1898	720			506.00		
Julius Kidder	do	Oct. 9, 1897			720			524.40		
Robt. G. Knipple	do	June 8, 1896			720			718.10		
J. C. Lorenzen	do	June 27, 1895			720			712.13		
Danl. Lynch	do	Aug. 15, 1893			720			715.96		
Geo. C. Massie	do	Oct. 20, 1896			720			720.00		
Michl. Metzger	do	Sept. 15, 1893			720			720.00		
M. L. McManion	do	June 27, 1895			720			720.00		
Chas. W. Philpot	do	Oct. 18, 1897			720			506.79		
J. C. Porterfield	do	May 16, 1894			720			720.00		
Jas. M. Ralney	do	June 27, 1895			720			720.00		

Ernest E. Rue.....	do	June 8, 1896	720	720.00	
Wm. Ryan.....	do	July 17, 1893	720	642.86	
Theo. Sauer.....	do	Aug. 15, 1891	720	720.00	
Casper J. Schmitt.....	do	May 1, 1896	720	717.94	
I. Shortridge.....	do	Dec. 2, 1895	720	720.00	
J. E. Troughton.....	do	Dec. 1, 1892	720	702.03	
Frank N. Trudelle.....	do	Aug. 16, 1894	720	718.06	
Thos. A. White.....	do	June 24, 1895	720	720.00	
Patk. H. Griffin.....	do	Feb. 15, 1894	720	596.80	
Michl. M. Murray.....	do	May 16, 1894	720	177.54	
Benj. S. Paddock.....	do	Nov. 1, 1896	1, 200	193.41	
Hiram Grable.....	do	Sept. 1, 1896	\$2.00	340.00	
Frank A. Paddock.....	do	Dec. 1, 1896	2.00	120.00	
Wm. Hutton.....	do	Aug. 1, 1896	Nov. 30, 1897	26.00	
W. S. Devoe.....	do				Office expenses..... \$80.85
E. J. Brooks & Co.....	do				Seals and wires..... 429.25
Gahan & Byrne.....	do				Office rent..... 450.00
W. W. Wilcox & Co.....	do				Excelsior stamp pads..... 6.50
Chicago Telephone Co.....	do				Telephone rental..... 350.00
Chicago Car Seal and Manufacturing Co.....	do				Seals and wires..... 3.20
Rand, McNally & Co.....	do				Stationery..... 40.30
Clary Bros.....	do				Hire horse and buggy and saddle horse..... 201.02
O. E. Dyson.....	do				Hire saddle horse..... 180.00
O. J. Lamigan.....	do				do..... 180.00
Chas. O. Brockway.....	do				Interstate meat inspection stamps..... 1, 143.52
Chicago, Milwaukee and St. Paul Rwy.....	do				Transportation, Jno. Jacobson..... \$11.50
Cameron, Amberg & Co.....	do				Edison mimeograph..... 18.70
Edw. F. Ebinger.....	do				Drayage..... .15
C. H. Hanson.....	do				Rubber canceling stamp..... 1.50
Marshall & Hawley.....	do				Hire horse and buggy and saddle horse..... 406.33
A. P. Little.....	do				Stenciled paper and ink..... 2.85
Jno. Schroeder.....	do				Hardware..... 5.27
George Grafton.....	do				Street-car fares..... 44.15
Geo. B. Carpenter & Co.....	do				Awnings and frames..... 9.75
MICROSCOPIC INSPECTION.					
<i>Chicago, Ill.</i>					
E. Balzer.....	Microscopist.....	Aug. 1, 1896	1, 800	1, 800.00	
E. L. Siggins.....	Inspector.....	Sept. 1, 1893	1, 400	1, 400.00	
Herman Jacobus.....	Tagger.....	June 27, 1895	720	720.00	
Wm. McKay.....	do.....	do	720	720.00	
Ellen S. Mayhew.....	Microscopist.....	July 1, 1896	900	826.37	
Bertha I. Allen.....	Assistant microscopist.....	Dec. 20, 1897	600	266.81	
Nannie D. Althof.....	do.....	Feb. 1, 1894	600	534.16	
Jennie Armstrong.....	do.....	Sept. 7, 1897	600	127.17	

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.					
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.		
MICROSCOPIC INSPECTION—continued.											
<i>Chicago, Ill.</i> —Continued.											
Nellie A. Arnold	Assistant microscopist.	Aug. 20, 1897	Dec. 19, 1897		\$600		\$192.39				
Florence A. Ayers	do	Nov. 26, 1894			600		547.84				
Lida Bacon	do	Aug. 20, 1897	Dec. 19, 1897		600		194.02				
Ira Bannister	do	Sept. 1, 1893			600		96.15				
Katie Barrow	do	Nov. 1, 1892			600		479.93				
Mary K. Barry	do	May 1, 1895			600		577.06				
Addie E. Benneson	do	Apr. 23, 1894			600		534.33				
Malvina A. Bixby	do	Aug. 20, 1897			600		512.01				
Elise Blanck	do	do			600		195.83				
Veturia E. Boyd	do	Feb. 17, 1897	Dec. 19, 1897		600		600.00				
Kate H. Brady	do	Dec. 1, 1892			600		598.45				
Martha E. Brandt	do	Dec. 7, 1896			600		585.16				
Laura D. Burke	do	June 22, 1891			600		373.29				
Nellie Callaghan	do	Sept. 1, 1893			600		460.65				
May E. Carlisle	do	do			600		37.50				
Tillie Cella	do	Nov. 28, 1892			600		593.53				
M. I. Charlesworth	do	Aug. 9, 1897			600		135.41				
Anna F. Clarke	do	Sept. 1, 1893			600		524.95				
M. J. Connell	do	do			600		598.28				
Nora Conway	do	Oct. 10, 1892			600		573.51				
May H. Crosby	do	Sept. 1, 1893			600		538.96				
Lillie M. Crowell	do	Feb. 1, 1894			600		595.06				
Nellie E. Damon	do	Feb. 5, 1894			600		595.15				
Nina B. Davis	do	Jan. 3, 1898			600		252.15				
Barbara Dorsey	do	Dec. 26, 1894			600		554.23				
May Drom	do	Aug. 20, 1897	Dec. 19, 1897		600		161.41				
Ella B. Earle	do	Mar. 25, 1895			600		582.02				
H. Augusta Eaton	do	Apr. 23, 1894			600		456.52				
Elizabeth Eckert	do	Mar. 16, 1895			600		588.47				
Eunalia Edwards	do	Sept. 1, 1897			600		185.95				
Clara B. Ellars	do	Sept. 20, 1897	June 23, 1898		600		400.56				
Margaret Enright	do	Sept. 11, 1893			600		512.88				
Matilda Evanson	do	Dec. 21, 1897			600		296.65				
Abbie M. Farwell	do	Feb. 15, 1895			600		560.69				
Lyde Finley	do	Jan. 1, 1894			600		506.86				

Sarah Flaherty.....	do	Oct. 9, 1897	Dec. 30, 1897	600	127.46
Lillian T. Flood.....	do	Sept. 1, 1897	do	600	132.15
Mary A. Flood.....	do	do	do	600	197.41
Ada K. Gannon.....	do	Feb. 15, 1894	do	600	353.85
Elizabeth C. Gibson.....	do	July 24, 1896	do	600	289.48
Mary F. Goggin.....	do	Aug. 9, 1897	do	600	488.65
Nellie M. Goodridge.....	do	May 16, 1893	do	600	493.36
Mary Gorman.....	do	Aug. 26, 1891	do	600	76.59
Alice Granger.....	do	Oct. 1, 1897	Dec. 31, 1897	600	138.54
Alice L. Hatley.....	do	Sept. 1, 1897	Dec. 30, 1897	600	195.78
Bertha G. Hardie.....	do	Aug. 16, 1894	Aug. 31, 1897	600	48.92
M. L. L. Peterson.....	do	Mar. 21, 1898	do	600	120.48
Jennie E. Hatch.....	do	Sept. 7, 1897	do	600	462.74
Nellie F. Haighton.....	do	July 10, 1891	Dec. 9, 1897	600	244.51
Eva M. Hedstrom.....	do	Aug. 20, 1897	do	600	8.24
Tessie C. Harvey.....	do	June 20, 1891	do	600	519.35
Julia Heil.....	do	Feb. 17, 1897	do	600	331.32
Julia Heil.....	do	Dec. 21, 1897	do	600	252.15
Lizzie E. Hennessy.....	do	Apr. 1, 1894	do	600	524.30
Jessie Hickman.....	do	Dec. 20, 1897	do	600	298.40
Dora V. N. Hosmer.....	do	Feb. 1, 1894	do	600	507.92
Mary E. Hotchkiss.....	do	Mar. 1, 1895	do	600	598.28
Myrtle A. Hmf.....	do	Jan. 3, 1898	do	600	296.65
Abbie W. Hunter.....	do	Feb. 1, 1894	do	600	530.77
Effie M. Hunter.....	do	Nov. 24, 1896	do	600	566.72
Mary Humley.....	do	Dec. 1, 1893	do	600	576.94
Louise Johnson.....	do	Jan. 3, 1898	do	600	291.71
Mary E. Kean.....	do	Sept. 1, 1893	do	600	585.38
Nellie E. Kenyon.....	do	Dec. 20, 1897	do	600	258.60
Alice Lawson.....	do	Aug. 9, 1897	do	600	528.25
Mary E. Leahy.....	do	Sept. 1, 1893	do	600	475.09
Kate R. Luce.....	do	Aug. 17, 1897	do	600	465.74
Amy T. Mace.....	do	Jan. 3, 1898	do	600	252.15
Chris. MacNeill.....	do	Nov. 8, 1894	Mar. 28, 1898	600	385.89
Rose Mahony.....	do	Sept. 7, 1897	Jan. 5, 1898	600	197.54
Eva B. Markoe.....	do	Nov. 19, 1894	do	600	252.12
Ida Belle Martin.....	do	Nov. 15, 1893	do	600	377.77
Evelyn C. McCarthy.....	do	Jan. 3, 1898	do	600	290.11
L. G. McGlasson.....	do	May 1, 1892	do	600	586.93
Daisy G. McGrath.....	do	Jan. 3, 1898	do	600	225.59
Mary McShane.....	do	Feb. 16, 1895	do	600	84.74
Ella C. McCrystal.....	do	Apr. 11, 1898	June 25, 1898	600	34.61
Ida May Meek.....	do	Sept. 24, 1897	Dec. 6, 1897	600	115.75
Fanny Fay Mills.....	do	Apr. 23, 1894	do	600	427.38
Katie A. Murphy.....	do	Aug. 15, 1892	do	600	552.44
Mamie F. Murray.....	do	Sept. 1, 1893	do	600	558.80
Elizabeth L. Neill.....	do	Jan. 3, 1898	do	600	252.15
Mary Nelson.....	do	Oct. 1, 1897	Dec. 31, 1897	600	133.74
Annie Nicolai.....	do	Sept. 16, 1891	do	600	567.23
Margaret M. Norton.....	do	Dec. 10, 1896	Feb. 24, 1898	600	311.38
Agnes B. O'Brien.....	do	Aug. 3, 1897	do	600	531.71
Helen E. O'Brien.....	do	do	do	600	536.50

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MICROSCOPIC INSPECTION—continued.								
<i>Chicago, Ill.</i> —Continued.								
Josie E. O'Brien.....	Assistant microscopist.....	Sept. 7, 1897	Jan. 5, 1898		\$600			\$192.69
Julia H. O'Brien.....	do.....	Aug. 9, 1897			600			473.63
Bessie D. Ozden.....	do.....	Mar. 15, 1895			600			548.78
Jessie G. Ogden.....	do.....	Aug. 6, 1894			600			543.86
Genevieve Petrie.....	do.....	Dec. 20, 1897			600			309.55
Emma Bonn.....	do.....	Aug. 20, 1897			600			412.94
Emma Pierson.....	do.....	Jan. 3, 1898			600			298.45
J. O. Putnam Hinds.....	do.....	Oct. 1, 1894			600			521.21
Anna M. Quinn.....	do.....	Mar. 1, 1895			600			534.21
A. H. Richards.....	do.....	Dec. 20, 1897			600			270.08
Agnes B. Riedler.....	do.....	do.....			600			317.93
Laura Rieder.....	do.....	do.....			600			517.77
Sarah A. Riley.....	do.....	Feb. 1, 1894			600			467.76
Belle Ritter.....	do.....	Dec. 1, 1894			600			425.99
Lila Robinson.....	do.....	Feb. 1, 1894			600			250.45
Josephine Rockwell.....	do.....	Jan. 3, 1898			600			591.75
Mabel Rockwell.....	do.....	Oct. 1, 1891			600			474.35
Blanche Roy.....	do.....	Dec. 1, 1894			600			593.42
Blanche Rutledge.....	do.....	Jan. 1, 1893			600			391.01
Nellie A. Ryan.....	do.....	Oct. 10, 1892			600			600.00
Hannah Scalian.....	do.....	Apr. 1, 1892			600			30.98
Tracey Schaefer.....	do.....	Jan. 1, 1893			600			47.80
Nannie D. Strahl.....	do.....	Feb. 1, 1894			600			24.46
Hattie Schultz.....	do.....	Sept. 15, 1891			600			539.04
Mae H. Shaw.....	do.....	Dec. 7, 1896			600			478.47
Mary Sheehan.....	do.....	do.....			600			545.76
Evelina M. Shepard.....	do.....	Feb. 19, 1897			600			563.70
Jennie M. Shufeldt.....	do.....	Dec. 1, 1894			600			84.74
Mary Somers.....	do.....	Feb. 16, 1895			600			441.22
Eva M. Stevens.....	do.....	Aug. 20, 1897			600			577.07
W. O. Sutherland.....	do.....	Feb. 1, 1894			600			415.19
Stella Sweet.....	do.....	June 16, 1893			600			402.95
Maggre Taylor.....	do.....	Feb. 15, 1894			600			553.92
Virginia S. Taylor.....	do.....	Feb. 1, 1894			600			557.45
Hattie E. Thomas.....	do.....	do.....			600			

Christena Timm	do	Sept. 20, 1897	Dec. 19, 1897	600	146.82
Josephine C. Tully	do	Jan. 3, 1898		600	248.90
Katherine Tully	do	Mar. 1, 1895		600	537.99
Mildred E. Walters	do	Nov. 24, 1896		600	581.70
Katherine Welland	do	Dec. 17, 1894		600	590.27
Carrie Wells	do	Dec. 18, 1893		600	447.43
Clara Wertha	do	Sept. 1, 1891		600	505.57
Lucy Wilson	do	Sept. 24, 1897	Dec. 23, 1897	600	146.82
Laura S. Wright	do	Aug. 1, 1894		600	543.95
Bertha L. Diller	do	Sept. 1, 1893		600	142.15
Catherine C. Burke	do	do	Jan. 31, 1898	600	24.46
Sarah A. Ingram	do	Apr. 11, 1898		600	111.99
Maud S. Armstrong	do	Apr. 6, 1898		600	93.86
Gerrude M. Barry	do	do		600	93.86
Estella C. Bonds	do	do		600	93.86
Estelle G. Davis	do	do		600	93.86
Elizabeth M. Donegan	do	do		600	92.31
Rosanna McDonnell	do	do		600	97.15
Annie Lynch	do	Mar. 1, 1898		600	111.00
Selena Hosken	do	May 29, 1896		600	300.00
Ida Jacobus	do	Sept. 14, 1890	Feb. 28, 1898	600	240.00
Lillie Watkins	do	July 2, 1897		600	359.03
W. S. Devoe	do			600	
Gahan & Byrne	do			600	
Dennison Manufacturing Co	do			600	
The Office Toilet Supply Co	do			600	
The Consumers' Co.	do			600	
J. Haberle	do			600	
James C. Holmes	do			600	
G. A. Shuster	do			600	
David Swanson	do			600	
Chas. O. Brockway	do			600	
The Grant Manufacturing Co.	do			600	
C. H. Hanson	do			600	
The Fair	do			600	
James Stewart	do			600	
J. Anderson	do			600	
Armour & Co	do			600	
A. M. Rothschild & Co.	do			600	
John Schroeder	do			600	
J. S. Ford, Johnson & Co.	do			600	
Chicago Store and Office Fixture Co.	do			600	
Cleary Bros.	do			600	
Charles Batting	do			600	
Chicago Car Seal and Manufacturing Co.	do			600	
					\$21.52
					2,475.00
					135.00
					592.46
					85.50
					70.00
					5.00
					7.66
					31.00
					78.30
					28.00
					13.06
					8.00
					14.60
					4.60
					12.50
					6.00
					1.00
					43.50
					65.00
					100.00
					3.00
					1.25

α Per month.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION. Kansas City.									
Saml. E. Bennett	Inspector	June 15, 1897			\$1,400			\$1,450.00	
Do	do	Apr. 1, 1898			1,600				
S. L. Brooking	do	Nov. 15, 1893			1,400			1,388.59	
C. H. Davies	do	Sept. 18, 1891			1,400			1,400.00	
Jas. T. Stuart	do	Sept. 1, 1893			1,400			294.07	
Harry B. Adair	Assistant inspector	Oct. 1, 1896			1,200			496.70	\$2.50
Lesho J. Allen	do	Aug. 1, 1896			1,200			626.73	
Richard J. Blanche	do	Feb. 23, 1898			1,200			423.30	
Jno. S. Buckley	do	Mar. 1, 1898			1,200			403.30	
Thos. W. Carrachan	do	Feb. 10, 1898			1,200			466.63	
W. Ross Cooper	do	Jan. 25, 1897			1,200			1,153.97	
Chas. H. Canfield	do	Apr. 1, 1898			1,200			300.00	
H. B. Chaney	do	do			1,200			300.00	
David P. Frame	do	Feb. 10, 1898	Feb. 25, 1898		1,200			40.00	
Harrison H. George	do	Feb. 23, 1898			1,200			423.30	
Peter I. Kershuor	do	Feb. 3, 1897			1,200			296.70	
Edw. P. Schaffner	do	July 15, 1896			1,200				
Do	do	Dec. 1, 1897			1,400			498.90	
Wm. A. Heek	Inspector	Apr. 15, 1897			1,200			796.66	
Fred. W. Hopkins	Assistant inspector	Feb. 15, 1896			1,200			617.31	
Geo. A. Johnson	do	Apr. 1, 1897			1,200			896.70	
Benj. F. Kaupp	do	Feb. 10, 1896			1,200			1,200.00	
Jno. Cooper Milnes	do	Oct. 1, 1896			1,200			1,193.40	
Jno. R. Mitchell	do	Feb. 1, 1898	Feb. 3, 1898		1,200			6.67	
F. C. McCurdy	do	Apr. 1, 1898			1,200			296.70	
Don W. Paiton	do	Oct. 1, 1896			1,200			1,193.40	
Rice P. Stealdon	do	Apr. 1, 1897			1,200			690.28	
Charles Adams	Stock examiner	May 1, 1896			900			691.58	
E. W. Fell	do	do			900			885.00	
C. E. Blackmar	do	Feb. 1, 1898			900			372.50	
H. J. Blackwell	do	Jan. 1, 1894			900			774.70	
Chas. A. Brown	do	June 1, 1895			900			900.00	
Wm. Burgess	do	May 1, 1896			900			892.68	
Frank Canon	do	Apr. 1, 1894			900			627.50	9.01
Geo. T. Cathel	do	Feb. 12, 1894			900			900.00	
Jno. Colgan	do	May 1, 1896	Dec. 20, 1897		900			75.80	

N. J. Connor.....do	Jan. 16, 1895	Feb. 12, 1898	900	75.80
J. D. Ceoper.....do	Nov. 15, 1894		900	897.57
Josiah D. Flora.....do	May 16, 1895		900	900.00
Geo. A. Frankth.....do	June 17, 1895		900	900.00
Harry D. Freeman.....do	Oct. 1, 1895		900	900.00
Wm. Gano.....do	Feb. 1, 1894		900	900.00
Washington Gobble.....do	Feb. 15, 1894		900	897.50
R. E. L. Jackson.....do	Nov. 19, 1894		900	900.00
J. A. Liegett.....do	Sept. 1, 1895		900	870.07
Jno. L. Lobb.....do	May 1, 1894		900	897.50
M. J. Madden.....do	May 1, 1896		900	900.00
H. L. McDonald.....do	May 1, 1894		900	900.00
Porter Morgan.....do	May 7, 1894		900	900.00
J. G. Kennie.....do	May 16, 1895	Dec. 20, 1897	900	330.16
J. H. Richardson.....do	May 3, 1894		900	900.00
Saml. W. Smith.....do	May 1, 1896		900	900.00
B. L. Stine.....do	Aug. 1, 1897		900	380.73
A. E. Wagner.....do	May 1, 1894		900	900.00
W. N. West.....do	Nov. 19, 1894	Dec. 20, 1897	900	73.37
John Conlon.....Clerk	Sept. 1, 1893		900	897.58
C. H. Morse.....do	Oct. 1, 1894		900	885.31
L. N. Vance.....do	Feb. 1, 1896		900	895.12
Hiram G. Herrick.....do	Mar. 25, 1898		840	226.33
C. E. Blackmar.....Tagger	Aug. 1, 1897		720	353.63
Oliver W. Byrd.....do	July 15, 1896		720	599.30
Bernad. Cunningham.....do	Dec. 15, 1893		720	712.01
Jas. De Goler.....do	Apr. 1, 1894		720	702.00
Robt. Fleming.....do	Nov. 15, 1893	July 31, 1897	720	60.60
Albert Fowler, sr.....do	Aug. 18, 1897		720	622.28
Wm. B. Garlick.....do	Aug. 1, 1897		720	650.40
H. B. Gooch.....do	May 1, 1894	Dec. 20, 1897	720	367.74
Wm. J. Hardenstine.....do	May 1, 1896		720	454.94
A. J. Henley.....do	May 1, 1895		720	404.24
David Hunt.....do	Dec. 1, 1893		720	719.92
August Jost.....do	Aug. 18, 1897		720	624.23
Harrison H. Knox.....do	Nov. 1, 1897		720	469.51
E. E. Laird.....do	Sept. 15, 1897		720	549.64
Wm. J. Maddock.....do	May 1, 1896		720	720.00
T. A. McLealand.....do	Aug. 1, 1897		720	651.08
Henry Morley.....do	.....do		720	661.08
Clayton E. Moss.....do	May 1, 1896		720	297.34
Henry A. Niles.....do	.....do		720	86.03
Dani. S. Platt.....do	Jan. 22, 1894	Aug. 31, 1897	720	718.10
J. W. Shannon.....do	Feb. 1, 1894		720	720.00
Jas. R. Stafford.....do	Feb. 7, 1898		720	275.96
James M. Steel.....do	Aug. 1, 1897		720	657.50
Nelson E. Weaver.....do	Jan. 3, 1898		720	340.00
Sampson Wright.....do	Dec. 15, 1893	Oct. 12, 1897	720	201.52
Robt. J. Carter.....do	Mar. 1, 1898	Mar. 15, 1898	720	2.00
James Murray.....Laborer	Mar. 14, 1898		720	32.00
Saml. E. Bennett.....do		\$2.00		
S. L. Brookings.....do		Office expenses		\$21.43
		do		14.85

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Kansas City</i> —Continued.									
R. S. McCurdy Silver Laundry and Towel Co.						Towel supply.....			\$8.65 6.40
Chas. O. Brockway Dennison Manufacturing Co						Interstate stamps and cards.. Meat-inspection tags..... Lead seals and wires.....			515.00 210.00 2,507.50
E. J. Brooks & Co. Baltimore and Ohio R. R.						Freight on stamping ink..... Freight on meat-inspection tags			19.95 1.00
A. Klein J. W. Timmer Jas. T. Stuart. Cleveland, Cincinnati, Chicago and St. Louis Ry. Co.						Linseed oil and paints..... Traveling expenses..... Transportation J. T. Stuart.....			22.15 \$3.40 21.25
W. H. Creed <i>Wichita, Kans.</i>						Record books.....			5.00
W. C. Barth Thos. W. Osabel C. A. Phillips	Inspector Stock examiner.	Sept. 15, 1893 July 1, 1897			\$4,200 900		\$1,200.00 877.71		7.35 5.00
<i>Worcester, Mass.</i>									
Edw. P. Dowd Henry Leland	Assistant inspector. Tagger	Sept. 16, 1895 Feb. 1, 1898			1,200 720		496.70 296.06	7.25	1.00
<i>New Brighton, Minn.</i>									
Charles Keane Cecil K. Schaefer Melvin P. Server Galvin W. von Don Chas. Follmer Wm. J. Gahan Wallbloom Furniture and Carpet Co.	Assistant inspector. Tagger do do Laborer do do	Dec. 1, 1897 Apr. 11, 1898 Mar. 9, 1898 Apr. 11, 1898 Mar. 11, 1898 May 31, 1898 Mar. 28, 1898			1,200 720 720 720 \$2.00 2.00		376.67 160.26 30.00 160.26 10.00 24.00		2.90
						Desk, chairs, tables, and press.			32.70

MICROSCOPIST INSPECTION.
Kansas City.

S. Stewart.....	Microscopist.....	July 1, 1893			1,400				1,377.10
Jno. R. Mohler.....	Assistant inspector.	Feb. 1, 1897			1,200				84.78
Thos. A. Scott.....	Clerk.....	Mar. 10, 1898			840				261.33
Geo. D. Young.....	do.....	Mar. 16, 1898			840				247.33
Oliver W. Byrd.....	Tagger.....	July 15, 1896			720				120.70
G. T. Mann.....	do.....	Dec. 21, 1891			720				720.00
Sam'l. F. March.....	do.....	May 1, 1896			720				194.00
Morey Sappington.....	do.....	May 20, 1897	35.00		720				714.03
Claude McFarland.....	Laborer.....	June 1, 1898	50.00						435.00
Anna B. Armstrong.....	Assistant microscopist.....	Jan. 17, 1898			600				261.81
Anna E. Bale.....	do.....	Feb. 7, 1898			600				226.88
Ida Baunmaster.....	do.....	Sept. 1, 1893			600				484.16
Annelia Barthels.....	do.....	June 20, 1892			600				575.48
Mary Bunce.....	do.....	Sept. 1, 1893			600				549.49
Catherine C. Burke.....	do.....	do.....	Jan. 31, 1898		600				20.35
Margaret Burke.....	do.....	Feb. 7, 1898			600				215.32
Mary L. Burke.....	do.....	Sept. 1, 1893			600				500.83
May E. Carlisle.....	do.....	do.....			600				506.74
Anna F. Clarke.....	do.....	do.....			600				58.65
Anna M. Comstock.....	do.....	Feb. 7, 1898			600				233.52
Georgie Grayford.....	do.....	Aug. 20, 1897			600				192.56
Nellie B. Crowley.....	do.....	Feb. 7, 1898			600				218.51
Bertha L. Diller.....	do.....	Sept. 1, 1893			600				300.17
Sallie A. Evans.....	do.....	Aug. 15, 1893			600				588.56
Midge Frechette.....	do.....	Sept. 1, 1893			600				582.05
Florence E. Gray.....	do.....	Dec. 20, 1897			600				281.60
Sallie R. Griffin.....	do.....	Sept. 1, 1893			600				408.32
Marie Hancock.....	do.....	Feb. 7, 1898			600				225.23
Josie Hannahan.....	do.....	Aug. 20, 1897			600				442.85
Mary Henry.....	do.....	Sept. 1, 1893			600				562.23
Dorothea Holt.....	do.....	Aug. 20, 1897			600				503.87
Sallie Hughes.....	do.....	May 1, 1895			600				495.15
Hattie M. Johnson.....	do.....	Feb. 7, 1898			600				228.93
Bessie Jones.....	do.....	do.....			600				228.56
Herman J. Kelley.....	do.....	Sept. 1, 1893			600				578.34
Tessie Linderman.....	do.....	June 23, 1892			600				573.53
Kate Lynch.....	do.....	Jan. 10, 1898			600				266.84
Kate Martana.....	do.....	Jan. 11, 1893			600				563.60
Millie Martin.....	do.....	Aug. 20, 1897			600				515.39
Elizabeth L. McCano.....	do.....	Feb. 7, 1898			600				228.46
Mary McCarty.....	do.....	June 1, 1892			600				535.46
Margaret Mertell.....	do.....	Sept. 1, 1893			600				596.75
Maria P. Mullaney.....	do.....	do.....			600				590.12
Louise C. Olson.....	do.....	Jan. 3, 1898			600				293.38
Nora Osborne.....	do.....	Jan. 1, 1893			600				564.00
Jessie E. Rogers.....	do.....	Feb. 7, 1898			600				238.37
Maud E. Rowles.....	do.....	Feb. 1, 1898			600				228.54

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MICROSCOPIC INSPECTION.									
<i>Milwaukee, Wis.</i>									
John R. Mohler	Assistant inspector	Feb. 1, 1897	.....	.....	\$1,200	.....	.....	.....	.....
Clara Bunck	Assistant microscopist	June 1, 1893	.....	.....	600	.....	.....	.....	.....
Ida M. Butler	do	Sept. 24, 1897	.....	.....	600	.....	.....	.....	.....
Martha Cannon	do	Jan. 2, 1895	.....	.....	600	.....	.....	.....	.....
Elba M. Caldwell	do	Jan. 3, 1898	.....	.....	600	.....	.....	.....	.....
Anna R. Carter	do	Jan. 24, 1898	.....	.....	600	.....	.....	.....	.....
Louise Faust	do	Nov. 1, 1894	.....	.....	600	.....	.....	.....	.....
Alice B. Fellows	do	Sept. 1, 1897	.....	.....	600	.....	.....	.....	.....
M. Myrtle Maynard	do	Apr. 25, 1898	.....	.....	600	.....	.....	.....	.....
Emma C. Pogo	do	Feb. 25, 1898	.....	.....	600	.....	.....	.....	.....
Mary Gorman	do	Aug. 26, 1891	.....	.....	600	.....	.....	.....	.....
Mae B. Joslin	do	Dec. 19, 1897	.....	.....	600	.....	.....	.....	.....
Frankie E. Kelly	do	Jan. 3, 1898	.....	.....	600	.....	.....	.....	.....
Gertrude Komper	do	Dec. 24, 1897	.....	.....	600	.....	.....	.....	.....
Lucia R. Kemper	do	Aug. 26, 1891	.....	.....	600	.....	.....	.....	.....
Harriet F. King	do	Feb. 21, 1898	.....	.....	600	.....	.....	.....	.....
Clara L. Kloes	do	Jan. 16, 1893	.....	.....	600	.....	.....	.....	.....
Mattie Kneeland	do	May 1, 1894	.....	.....	600	.....	.....	.....	.....
Ida M. E. Scholz	do	Apr. 25, 1898	.....	.....	600	.....	.....	.....	.....
Anastasia Lawrencac	do	Sept. 7, 1897	.....	.....	600	.....	.....	.....	.....
Annie M. Leberman	do	Dec. 26, 1894	.....	.....	600	.....	.....	.....	.....
Josephine A. Lyon	do	Dec. 15, 1894	.....	.....	600	.....	.....	.....	.....
Pearl N. Maynard	do	Oct. 25, 1897	.....	.....	600	.....	.....	.....	.....
Mary McShane	do	Feb. 16, 1895	.....	.....	600	.....	.....	.....	.....
Jennie Morton	do	Jan. 24, 1898	.....	.....	600	.....	.....	.....	.....
Maggie Murphy	do	Jan. 6, 1898	.....	.....	600	.....	.....	.....	.....
Sue Nichols	do	Oct. 25, 1897	.....	.....	600	.....	.....	.....	.....
Mathie O'Brien	do	June 18, 1894	.....	.....	600	.....	.....	.....	.....
Elizabeth A. Ryan	do	Jan. 24, 1898	.....	.....	600	.....	.....	.....	.....
Hattie Schultz	do	Sept. 15, 1891	.....	.....	600	.....	.....	.....	.....
Tella Schwahn	do	Jan. 3, 1898	.....	.....	600	.....	.....	.....	.....
Mary Somers	do	Feb. 16, 1895	.....	.....	600	.....	.....	.....	.....
Nellie F. Somers	do	Jan. 10, 1898	.....	.....	600	.....	.....	.....	.....
May Sonntag	do	Feb. 16, 1895	.....	.....	600	.....	.....	.....	.....
Theokla E. Sonntag	do	Jan. 10, 1898	.....	.....	600	.....	.....	.....	.....
Mario J. Ward	do	Jan. 24, 1898	.....	.....	600	.....	.....	.....	.....

Elba E. Whittaker	do	Jan. 1, 1898	600	260.49		260.49
Anna Zimmerman	do	Feb. 16, 1895	600	566.93		566.93
May M. Sheldon	do	Apr. 25, 1898	600	67.58		67.58
Sylvia M. Whittaker	do	do	600	65.93		65.93
Edna L. Willis	do	do	600	72.53		72.53
Albert E. Behnke						\$203.48
Chicago Car Seal and Manufacturing Co.						2.00
Thomas Manufacturing Co.						6.25
The Chicago and Alton R. R. Co.					Transportation, J. R. Mohler	14.60
MEAT INSPECTION.						
<i>Indianapolis, Ind.</i>						
Thomas J. Turner	Inspector	Jan. 1, 1897	1,400	1,380.77		1,380.77
T. L. Armstrong	do	May 1, 1897	1,400	1,202.15		1,202.15
Robt. Darling	Assistant inspector	Dec. 13, 1897	1,200	661.96		661.96
Wm. H. Netherland	do	Jan. 25, 1897	1,200	179.36		179.36
Saml. G. Hendren	do	Jan. 3, 1898	1,200	373.33		373.33
Fredk. T. Dolan	do	Mar. 4, 1898	1,200	300.00		300.00
Willis B. Lincoln	do	Apr. 1, 1898	1,200	267.03		267.03
Richd. W. Tuck	do	Apr. 11, 1898	1,200	243.96		243.96
Geo. S. Jones	Clerk	Mar. 10, 1898	840	261.33		261.33
Martin J. Grady	do	June 12, 1894	720	675.91		675.91
Jacob Fox	Stock examiner	Jan. 1, 1894	900	900.00		900.00
W. M. Hicklin	do	Apr. 16, 1894	900	602.50		602.50
Geo. W. Koontz	do	Feb. 19, 1894	900	900.00		900.00
Jas. W. Wampler	do	Jan. 1, 1894	900	882.61		882.61
Wm. L. Peggs	do	do	900	744.47		744.47
Do.	Tagger	Mar. 1, 1898	720	696.57		696.57
Chas. Bartholomew	do	Nov. 11, 1895	720	486.27		486.27
Patt. Kilhien	do	Nov. 8, 1894	720	715.98		715.98
Matthew Quinn	do	Apr. 16, 1893	720	712.12		712.12
Wm. A. Skinner	do	Nov. 18, 1895	720	391.56		391.56
Jas. L. Gorrish	do	Apr. 11, 1898	720	93.93		93.93
Charles Stark	do	May 2, 1898	720	140.00		140.00
Wm. Woldt	Laborer	May 19, 1898	\$2.00		Expressage and ink	8.20
T. J. Turner	do	Feb. 28, 1898			Lead seals and wires	42.50
E. J. Brooks & Co.					Rent and heating office	123.25
Belt E. K. and Stockyard Co.					Condemned tags	4.20
Chas. O. Brockway					Traveling expenses	22.50
Thomas Castor					Telephone	21.29
Central Union Telephone Co.						

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services end- ed.	Compensation.		Disbursements.			Miscel- laneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Travel- ing.	
MICROSCOPIC INSPECTION.									
<i>Indianapolis, Ind.</i>									
Morris Wooden	Assistant inspector	Sept. 16, 1895							
Do	Inspector	Apr. 1, 1898			\$1,200		\$750.07		
Thomas Castor	Assistant inspector	Apr. 1, 1897			1,200		510.03		
Ora A. Brady	Assistant microscopist	June 15, 1897	Aug. 9, 1897		600		63.54		
Mary B. Clark	do	June 21, 1897			600		565.14		
Margaret Clarke	do	Apr. 16, 1894			600		544.00		
Martha H. Conner	do	Feb. 7, 1898	Mar. 15, 1898		600		41.67		
Elsie E. Daugherty	do	do			600		223.33		
Mattie H. Dickinson	do	do			600		223.53		
Mary A. Egan	do	Oct. 1, 1894			600		580.36		
Mary Evans	do	Nov. 1, 1894			600		247.78	\$1.50	
Maggie Fling	do	Feb. 1, 1898	Apr. 6, 1898		600		106.59		
Lillian B. Francis	do	do	May 31, 1898		600		109.67		
Nellie Holland	do	Nov. 8, 1894			600		600.00		
Elizabeth S. Hurst	do	Dec. 7, 1896			600		598.28		
Lizzie Keller	do	Aug. 20, 1897			600		492.21		
Mary Lucid	do	Dec. 16, 1893			600		591.76		
Katherine H. Mara	do	Dec. 10, 1896			600		562.20		
Edna E. Mattox	do	do			600		560.67		
Pearl C. Miles	do	Dec. 7, 1896			600		586.62		
Flora F. Miller	do	Oct. 6, 1896			600		562.47		
Mary E. Ritchie	do	Nov. 26, 1894			600		598.28		
Rachael F. Robinson	do	Feb. 1, 1898			600		223.53		
Sarah A. Shannon	do	do	May 31, 1898		600		195.65		
Daisy Stewart	do	do			600		223.53		
Ella A. Sullivan	do	Dec. 1, 1894			600		582.45		
Funice D. Tremaine	do	May 1, 1898			600		100.50		
Everesta S. Spink	do	Mar. 7, 1898	June 15, 1898		600		148.56		
Wilhelmina B. Tate	do	Oct. 9, 1896			600		555.58		
Mary Morrison	Laborer						360.00		
T. J. Turner					a \$30.00				\$18.93
Specialty Manufacturing Co.							Office expenses		22.00
Chas. O. Brockway							Electric desk fans		
Charles E. Snively							Export stamps		1.20
The Grant Manufacturing Co.							Eight-day clock		5.00
							Lead disks		3.00

MEAT INSPECTION.

New York, N. Y.

R. W. Hickman	Veterinary inspector	Sept. 1, 1893				2,000.00		
John B. Hopper	Inspector	Aug. 1, 1897				1,400.00		
Do	Assistant inspector	Mar. 15, 1898				1,222.61		
Jas. H. Ferster	Veterinary inspector	Apr. 15, 1891				1,400.00		
Louis Abel	Assistant inspector	Oct. 1, 1896				1,200.00		
do	do	May 1, 1896				117.40		
Wilbur J. Murphy	do	Dec. 2, 1895				1,200.00		
E. A. Parsons	do	Feb. 15, 1894				1,200.00		
Wm. J. Keagan	do	Jan. 1, 1896				1,200.00		
W. A. Willard	Clerk	Sept. 1, 1893				1,200.00		
Eph. Dietrich	do	May 1, 1896				900.00		
Hiram Jerome	Stock examiner	Oct. 12, 1897				648.11		
Theo. Kanter	do	Nov. 11, 1895				900.00		
Henry Schaner	do	Dec. 9, 1895				900.00		
Geo. A. Sheldon	do	Feb. 1, 1896				900.00		
J. F. Butterfass	Tagger	Mar. 2, 1896				720.00		
Wallace M. Gill	do	June 29, 1896				720.00		
Frank J. Gilmore	do	Feb. 1, 1896				352.00		
Fred. J. Goebel	do	Sept. 7, 1891				720.00		
Jno. J. Haggerty	do	Mar. 2, 1896				720.00		
Wm. N. Hutchinson	do	Nov. 24, 1896				720.00		
John F. Luepke	do	May 23, 1895				720.00		
Saml. E. Lusk	do	Nov. 24, 1896				720.00		
Wm. H. Molineux	do	Jan. 8, 1896		Oct. 2, 1897		180.00		
Henry Schopp	do	Sept. 15, 1893				720.00		
Stephen A. Selby	do	Dec. 2, 1895				720.00		
Howard W. Thomas	do	May 7, 1897				720.00		
G. Maurice Lachman	do	June 1, 1898				652.82		
Alexanderina Dick	do	May 29, 1896				59.30		
R. W. Hickman	Janitress	Nov. 30, 1897			a 10.00	46.67		17.04
F. J. Gilmore	do							16.85
John Broderick	do							Gas, ice, freight, and stationery
B. H. Adams	do							Traveling expenses
New York Telephone Co.	do							Office rent
The Edison Electric Illuminating Co. of New York.	do							do
Moquin Offerman	do							Telephone rental
Heissenbuttel Coal Co.	do							Electric current
	do							Coal
Fredk. W. Huntington	Inspector	June 1, 1896				1,200	500.00	

a Per month.

Portland 31

21.00
5.00

						Export tags Lead discs		
Chas. O. Brockway The Grant Manufacturing Co.								
MEAT INSPECTION.								
<i>Somerville, Mass.</i>								
Wm. W. Balmer	Inspector	Nov. 20, 1893			1,200	1,200.00		
Edw. P. Dowd	Assistant inspector	Sept. 16, 1895			1,200	703.30		
Jno. V. Ladday	do	Mar. 1, 1898			1,200	400.00		
Alf. T. Martins	do	do			1,200	403.30		
Jno. G. Slee	do	Apr. 14, 1897			1,200	900.00		
H. O. Thompson	do	Feb. 1, 1898			1,200	406.70		
Wm. H. Way	do	Feb. 23, 1898		June 30, 1898	1,200	82.42		
Wm. P. Chorrington	Stock examiner	Dec. 1, 1894			900	675.00		
Philip J. Fanning	do	Feb. 1, 1896			900	890.25		
Frank N. Brown	Tagger	Jan. 8, 1896			720	540.00		
Henry W. Busted	do	Feb. 1, 1896			720	514.72		
Frank R. Fravel	do	Oct. 1, 1895			720	720.00		
Wm. J. Corbett	do	Feb. 1, 1896			720	232.19		
Jas. G. Jeffrey	do	Feb. 1, 1898			720	238.70		
Cyrus K. Small	do	Jan. 8, 1896			720	340.00		
Wm. H. Tozier	do	Dec. 21, 1891			720	720.00		
Geo. D. Warner	do	Nov. 18, 1895			720	720.00		
Danl. D. Lee	do							4.65
Chas. O. Brockway								126.00
Butchers' Slaughtering and Melting Association.								
MICROSCOPIC INSPECTION.								
<i>Somerville, Mass.</i>								
Charles Bullard	Microscopist	Oct. 1, 1894			1,400	972.18		
Morris Wooden	Assistant inspector	Sept. 16, 1895			1,200			
Do	Inspector	Apr. 1, 1898			1,400	496.63	46.20	
Louis K. Green	Assistant inspector	Oct. 1, 1896			1,200	46.15		
Wm. P. Chorrington	Stock examiner	Dec. 1, 1894			900	225.00		
Frank N. Brown	Tagger	Jan. 8, 1896			720	175.96		
Henry W. Busted	do	Feb. 1, 1896			720	180.00		
Frank H. Burleigh	do	Sept. 28, 1891			720	698.21		
Kate A. Abbott	Assistant microscopist	Apr. 23, 1894		May 31, 1898	600	525.95		
Eva M. Chickering	do	Nov. 24, 1896			600	528.21		
Gerta M. Colby	do	June 1, 1894			600	548.47		
Luella M. Eaton	do	Feb. 1, 1898			600	241.80		
Gertrude H. Ellison	do	Nov. 24, 1896			600	532.96		

e Per month.

Stationery, express, and
postage stamps.
Interstate meat-inspection
stamps.
Breeding office for inspector.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation:		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.									
<i>Cincinnati, Ohio—Cont'd.</i>									
Wm. H. Netherland	Assistant inspector	Jan. 25, 1897	Jan. 3, 1898		\$1,200		\$35.87	\$7.50	
Albert J. Payne	do	June 1, 1895			1,200		19.78	7.65	
A. L. Hirdeman	Stock examiner	Mar. 10, 1896			900		895.12		
Robt. A. Broadhurst	Tagger	Jan. 1, 1896			720		720.00		
Edw. C. Carle	do	Oct. 1, 1895			720		298.00		
Paul E. Quinn	do	Nov. 11, 1895			720		720.00		
Chas. Pearson	do	June 15, 1898			720		31.65		\$4.20
Chas. O. Brockway	do								42.50
E. J. Brooks & Co	do								
MICROSCOPIC INSPECTION.									
<i>Cincinnati, Ohio.</i>									
Carlo Editors	Assistant microscopist	Feb. 16, 1898			600		49.50	27.75	1.10
Albert J. Payne	do								
MEAT INSPECTION.									
<i>Lincoln, Nebr.</i>									
W. D. Robbins	Inspector	Jan. 4, 1894			1,200		1,200.00		8.70
John E. Hart	Tagger	Oct. 15, 1897			720		198.28		
Jno. P. Higgins	do	Mar. 1, 1895	July 31, 1897		720		27.39		
John T. Blair	do	Jan. 3, 1898			\$2.00		68.00		4.80
Hardy Furniture Co	do								
<i>Nebraska City.</i>									
W. H. Gibbs	Inspector	Sept. 1, 1893			1,200		1,200.00		2.50
Geo. M. Thomas	Stock examiner	July 1, 1895			600		765.41		
Alfred Day	Tagger	Dec. 10, 1895			720		138.81		
F. A. Dammann	do	June 10, 1895			720		473.38		

<i>Philadelphia, Pa.</i>	Inspector.....	Sept. 1, 1893	.....	1, 600	.....	1, 600.00	.....	50.32
	Assistant inspector	Nov. 18, 1895	.....	1, 200	.....	1, 200.00	.....
	Stock examiner	Dec. 2, 1895	.....	900	.....	1, 173.64	.....
	.....do	Jan. 1, 1897	Sept. 30, 1897	900	.....	882.84	.....
	Clerk	Dec. 9, 1897	.....	1, 000	.....	40.76	2.50	
	.....do	Jan. 15, 1898	.....	840	.....	373.08	.....
	Tagger	Oct. 1, 1895	.....	720	.....	706.20	.....	13.09
	.....do	June 16, 1893	May 31, 1898	720	.....	650.76	.....
	.....do	Jan. 23, 1896	.....	720	.....	720.00	.....
	.....do	June 1, 1893	.....	720	.....	718.00	.....	6.42
	.....do	May 1, 1897	.....	720	.....	698.54	.....
	.....do	Dec. 2, 1895	.....	720	.....	59.30	.....
	.....do	May 7, 1897	.....	720	.....	137.33	.....
	The Bell Telephone Co. of Philadelphia.	.....	.....	.....	Telephone rental	.....	.....
	Baltimore and Ohio R. R. Co.	.....	.....	.....	Transfer J. P. Shannon	.....	8.00	
<i>Jersey City, N. J.</i>								
	Veterinary inspector	Mar. 10, 1888	.....	1, 400	.....	1, 400.00	.....	38.65
	Assistant inspector	June 8, 1896	.....	1, 200	.....	1, 200.00	.....
	Stock examiner	Jan. 1, 1894	.....	1, 000	.....	1, 000.00	.....
	Clerk	Mar. 2, 1896	.....	900	.....	892.63	.....
	Tagger	May 1, 1896	.....	720	.....	720.00	.....
	.....do	Jan. 8, 1896	.....	720	.....	720.00	.....
	.....do	Sept. 1, 1893	.....	720	.....	720.00	.....
	.....do	July 17, 1893	.....	720	.....	720.00	.....
	E. J. Brooks & Co	.....	.....	.....	Lead seals and wires	.....	.....	42.50
	E. H. Weaver	.....	.....	.....	Awings and work	.....	.....	4.00
	New York, New Haven and Hartford R. R. Co.	.....	.....	.....	Freight on tags	.....	.....	.82
<i>Portland, Oreg.</i>								
	Assistant inspector	Aug. 15, 1896	.....	1, 200	.....	1, 200.00	.....
	Stock examiner	Mar. 2, 1896	.....	900	.....	480.40	.....
	Tagger	Feb. 15, 1896	.....	720	.....	678.18	.....
	.....do	Mar. 1, 1898	.....	720	.....	192.37	.....
	Laborer	Dec. 8, 1897	.....	2.00	.....	148.00	.....
<i>South Omaha, Nebr.</i>								
	Inspector	Nov. 1, 1896	.....	1, 600	.....	1, 595.67	.....	28.10
	.....do	Aug. 1, 1893	.....	1, 400	.....	1, 065.38	.....
	.....do	.....do	May 31, 1898	1, 400	.....	1, 061.58	.....
	.....do	Nov. 6, 1893	.....	1, 200	.....	1, 196.73	.....
	Assistant inspector	Dec. 10, 1895	.....	1, 200	.....	1, 173.90	.....
	.....do	Apr. 1, 1898	.....	1, 200	.....	300.00	.....
	.....do	Mar. 4, 1898	.....	1, 200	.....	380.14	.....
	Clerk	Jan. 16, 1897	.....	1, 000	.....	1, 000.00	.....

SALARIES AND EXPENSES.—Continued.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.								
<i>South Omaha, Neb.—Continued.</i>								
Phelps Paine.....	Clerk.....	June 1, 1897	.....	.....	\$900	.....	\$800.53	.....
Jay E. Williams.....	do.....	Mar. 10, 1898	.....	.....	840	.....	249.63	.....
Chas. S. Dickey.....	do.....	do.....	.....	.....	840	.....	171.30	.....
D. J. Campbell.....	Stock examiner.....	June 1, 1893	May 22, 1898	.....	900	.....	75.80	.....
J. W. Davis.....	do.....	Jan. 1, 1894	Feb. 12, 1898	.....	900	.....	900.00	.....
Geo. H. Guy.....	do.....	do.....	Nov. 30, 1897	.....	900	.....	75.80	.....
W. K. Jacobs.....	do.....	June 27, 1895	.....	.....	900	.....	890.14	.....
Frank Jelen.....	do.....	Apr. 1, 1895	.....	.....	900	.....	897.57	.....
George Karl.....	do.....	June 25, 1895	.....	.....	900	.....	848.03	.....
Thos. J. Lowrey.....	do.....	Mar. 25, 1895	.....	.....	900	.....	900.00	.....
Jay Merrill.....	do.....	Jan. 1, 1894	.....	.....	900	.....	900.00	.....
Frank G. Patrick.....	do.....	do.....	.....	.....	900	.....	900.00	.....
Jacob I. Payne.....	do.....	do.....	.....	.....	900	.....	900.00	.....
T. J. Alexander.....	Tagger.....	Aug. 1, 1897	.....	.....	720	.....	895.03	.....
Jacob Burkard.....	do.....	May 16, 1893	.....	.....	720	.....	649.67	.....
Joseph Butler.....	do.....	Feb. 16, 1895	.....	.....	720	.....	720.00	.....
Patk. Butler.....	do.....	May 16, 1893	Sept. 30, 1897	.....	720	.....	105.66	.....
Dee N. Chase.....	do.....	do.....	Nov. 5, 1897	.....	720	.....	11.74	.....
James Condon.....	do.....	June 27, 1895	.....	.....	720	.....	706.10	.....
W. W. Crandall.....	do.....	Aug. 4, 1897	.....	.....	720	.....	643.66	.....
Reuben Forbes.....	do.....	June 1, 1897	.....	.....	720	.....	716.10	.....
Elias Grinore.....	do.....	Aug. 1, 1897	.....	.....	720	.....	655.54	.....
John E. Hart.....	do.....	Feb. 16, 1898	.....	.....	720	.....	278.00	.....
Anton Kostal.....	do.....	Oct. 15, 1897	.....	.....	720	.....	350.44	.....
James Kunes.....	do.....	May 16, 1893	.....	.....	720	.....	718.10	.....
Russell G. Merrill.....	do.....	do.....	.....	.....	720	.....	224.76	.....
Thomas Leddy.....	do.....	June 10, 1898	.....	.....	720	.....	41.54	.....
R. M. Mahana.....	do.....	Feb. 15, 1895	.....	.....	720	.....	706.26	.....
John McCann.....	do.....	June 1, 1893	.....	.....	720	.....	720.00	.....
Jas. D. Murphy.....	do.....	June 27, 1895	.....	.....	720	.....	717.94	.....
Chas. H. McCormick.....	do.....	June 1, 1895	Feb. 12, 1898	.....	720	.....	60.60	.....
Jno. B. Payton.....	do.....	June 6, 1898	.....	.....	720	.....	43.52	.....
Stephen Roberts.....	do.....	July 16, 1897	.....	.....	720	.....	690.70	.....
Jas. T. Robertson.....	do.....	Aug. 16, 1897	.....	.....	720	.....	630.10	.....
L. Schibsbys.....	do.....	Nov. 1, 1897	.....	.....	720	.....	461.55	.....
Harry A. Shatzwell.....	do.....	Nov. 6, 1893	.....	.....	720	.....	712.00	.....
.....	do.....	Aug. 4, 1897	.....	.....	720	.....	651.68	.....

Peter W. Sherlock.....	do	Feb. 12, 1898		720	60.60	
Wm. H. Saunders.....	do	Apr. 11, 1898		720	152.35	
Philip Smith.....	do	May 22, 1893		720	708.66	
Saml. I. Valentine.....	do	Oct. 16, 1894		720	715.98	
Chris. M. Raff.....	do	Mar. 9, 1898		720	226.00	
Henry C. Williams.....	do	Apr. 1, 1898		720	180.00	
John T. Blair.....	do	Jan. 3, 1898	\$2.00		216.70	
J. O. Eastman.....	Laborer	July 1, 1897	2.00		474.00	\$3.00
Geo. S. Hreckox.....	do	Nov. 9, 1897	2.00		128.00	\$4.12
D. R. Way.....	do	June 21, 1897	2.00		400.00	
Packers' National Bank						308.23
Evans' Laundry Co.....						11.50
Nebraska Telephone Co.....						51.50
Omaha Printing Co.....						6.00
Chas. O. Brockway.....						210.00
Wm. E. Pratt.....						4.15
Luis Berger.....						11.90
Carter Hardware Co.....						3.50
E. J. Brooks & Co.....						850.00
American Express Co.....						2.25
N. L. Woodward.....						3.00
M. Donovan.....						5.00
The Chicago Burlington						2.93
and Quincy R. R. Co.						
Bloomington, Ill.						
Fredk. Braginton.....	Inspector	May 16, 1893		1,400	319.22	8.50
Chas. Vandervoort.....	Tagger	do		720	144.44	6.50
MICROSCOPIC INSPECTION.						
South Omaha, Nebr.						
Lowell Clarke.....	Assistant inspector.	Nov. 1, 1895		1,200	1,147.32	
Sarah H. Y. Barber.....	Assistant microscopist	Aug. 20, 1897		600	482.20	
Maud B. Beck.....	do	Feb. 10, 1898		600	208.60	
Mary G. Bothwell.....	do	Dec. 20, 1897		600	293.10	
Louise Breton.....	do	Sept. 1, 1897		600	497.40	
Daisy M. Bryant.....	do	Dec. 20, 1897		600	260.27	
Ida E. Bushnell.....	do	May 16, 1893		600	545.97	
Nellie M. Dennis.....	do	Jan. 5, 1895		600	563.74	
Carrie Ehlers.....	do	Feb. 16, 1898		600	173.87	
Maggie Fahey.....	do	Jan. 5, 1895		600	408.37	
Mary K. Giblin.....	do	June 16, 1893		600	549.13	
Lulu E. Gibson.....	do	Sept. 1, 1896		600	513.84	
Margaret Hogan.....	do	June 16, 1893		600	534.47	
Stella Huestis.....	do	Dec. 20, 1897		600	294.80	
Etta Kasal.....	do	June 16, 1893		600	568.70	
Mary E. Kilbourne.....	do	Aug. 20, 1897		600	513.59	
Mary Madden.....	do	do		600	195.74	
Gertrude McCulloh.....	do	Dec. 19, 1897		600	470.79	

50. Dec. 55

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MICROSCOPIC INSPECTION— continued.									
South Omaha, Nebr.—Continued.									
Mary H. Milton	Assistant microscopist	Feb. 10, 1898			\$600		\$206.90		
Mary E. Price	do	Sept. 1, 1897			600		474.23		
Fannie Sage	do	Aug. 20, 1897			600		492.21		
Jessie E. Savage	do	Sept. 1, 1897			600		194.06		
Cora A. Sayre	do	Jan. 3, 1895	Dec. 30, 1897		600		578.76		
Lizzie Spencer	do	Aug. 20, 1897			600		492.08		
Janet Stevenson	do	Feb. 10, 1898			600		202.08		
Etta Thompson	do	May 22, 1893			600		515.99		
Helen S. Wainright	do	Sept. 1, 1897			600		459.20		
Louisa E. Wilson	do	Aug. 17, 1897			600		444.41		
Mary E. Williams	do	Oct. 25, 1897			600		150.91		
Mollie A. Conoyer	do	June 1, 1898			600		24.73		
E. M. Fansher	do	do			600		24.73		
Nannie L. Vaughan	(Janitress and box cleaner)	May 29, 1896					272.58		
Ophelia Smith	{Laborer	Dec. 1, 1897			a \$25.00				
Don C. Ayer	do	Mar. 3, 1898	Mar. 31, 1898		a 25.00		23.39		
Packers' National Bank								Gasoline, ice, postage, express	\$34.20
Evans' Laundry Co								Office rent	300.00
Chas. O. Brockway								Towel supply	70.75
Luis Berger								Export stamps	.84
Thomas Manufacturing Co.								Hauling chairs and tags	2.65
F. B. Festner								Tag fasteners	6.25
Freeman Bros								Record book	6.00
Geo. W. Briggs								Gasoline and matches	2.10
South Omaha Ice Co								Gasoline stove and bucket	2.85
								Ice	2.15
MEAT INSPECTION.									
East St. Louis, Ill.									
J. J. Bringham	Inspector	July 1, 1896			1,600		1,600.00		11.85
Boyd Baldwin	Assistant inspector	June 21, 1897			1,200		1,170.45		
Louis P. Cook	do	May 1, 1896			1,200		795.60		
Elwin T. Davison	do	Sept. 7, 1896			1,200		1,193.40		

Frank L. De Wolf	do	Sept. 16, 1895	1,200	1,079.97	\$40.05	
Geo. Ditevig	do	Aug. 11, 1896	1,200	430.45		
Fredk. W. Hopkins	do	Feb. 15, 1896	1,200	466.63	12.80	
Robt. J. Kelly	do	Sept. 7, 1897	1,200	496.70		
John P. Turner	do	June 7, 1898	1,200	52.75		
A. R. Brinton	Stock examiner	Feb. 15, 1895	900	900.00		
Wm. J. Flynn	do	Jan. 1, 1894	900	858.41		
David R. Hodges	do	Sept. 1, 1896	900	900.00		
Geo. Sutherland	do	Nov. 12, 1894	900	900.00		
Geo. H. Woolfolk	do	Mar. 2, 1896	900	887.79		
Jno. F. Schiermann	do	Apr. 1, 1897	900	74.13		
Wm. S. Crawford	do	Apr. 10, 1895	900	900.00		
Clement Bevelot	Clerk	Dec. 1, 1893	720	676.00		
Joseph G. Carr	Tagger	Feb. 15, 1895	720	716.10		
Wm. J. Doyte	do	do	720	720.00		
Robt. Gray	do	June 24, 1895	720	720.00		
Geo. Markert	do	Jan. 2, 1894	720	720.00		
Frank O'Neill	do	May 1, 1896	720	720.00		
Jos. Sullivan	do	Feb. 15, 1895	720	388.00		
Edwd. O. Speake	do	Apr. 1, 1898	720	178.06		
Geo. F. Harley	do	June 18, 1898	720	19.78		
E. S. Bennett	do	Feb. 15, 1895	720	496.00		
St. Louis Natl. Stock Yards	do			334.00		
E. J. Brooks & Co	do			425.00		
Chas. O. Brockway	do			21.00		
<i>Clinton, Iowa.</i>						
Arthur B. Morse	Inspector	May 19, 1895	1,400	700.00	15.35	3.35
Chicago and Northwestern Rwy. Co.	do				6.75	
Chicago Great Western Rwy. Co.	do				6.65	
MICROSCOPIC INSPECTION.						
<i>East St. Louis, Ill.</i>						
Frank L. DeWolf	Assistant inspector	Sept. 16, 1895	1,200	73.33		
E. S. Bennett	Tagger	Feb. 15, 1895	720	224.00		
David C. Barnett	do	Mar. 25, 1898	720	192.00		
Clement Bevelot	do	Dec. 1, 1893	600	44.00		
Alta H. Baker	Assistant microscopist	Mar. 10, 1898	600	184.97		
Nellie M. Bell	do	do	600	148.67		
Mary Connolly	do	June 9, 1898	600	34.62		
Joanna T. Green	do	June 10, 1898	600	152.01		
Pearl M. Finch	do	Mar. 10, 1898	600	34.62		
Sallie R. Griffin	do	Sept. 1, 1893	600	186.87		
Anna Klingel	do	Mar. 10, 1898	600	186.67		5.35
Anna A. Houseman	do	June 10, 1898	600	32.97		

a Per month.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
MICROSCOPIC INSPECTION—										
continued.										
<i>East St. Louis, Ill.—Cont'd.</i>										
Louise M. Lorey.....	Assistant microscopist.....	Mar. 10, 1898	June 9, 1898		\$600			\$183.33		
Kathy L. Newkirk.....	do.....	do	do		600			152.01		
Minnie Pauly.....	do.....	do	do		600			186.67		
L. S. Ropiequet.....	do.....	do	do		600			184.97		
Martha Schnell.....	do.....	June 10, 1898	do		600			34.62		
Reika Underfanger.....	do.....	Mar. 10, 1898	June 9, 1898		600			152.01		
Hennetta M. Vest.....	do.....	do	do		600			173.51		
Mamie Wood.....	do.....	do	June 9, 1898		600			152.01		
Orville H. Banks.....	Laborer.....	Mar. 26, 1898	do	\$30.00				93.87		\$35.37
J. J. Brougham.....	do.....	do	do							200.00
St. Louis Natl. Stock Yards	do.....	do	do							60.50
Scarriff-Comstock Furni-	ture Co.....	do	do							
R. B. Gray China Co.....	do.....	do	do							13.50
The Chicago and Alton	do.....	do	do							\$7.25
R. K. Co.....	do.....	do	do							
Geo. Wiegandt & Son.....	do.....	do	do							15.00
MEAT INSPECTION.										
<i>Hammond, Ind.</i>										
Lewis R. Baker.....	Veterinary inspector.....	Sept. 1, 1893	do		1,400			1,400.00		4.30
Fredk. Braginton.....	Inspector.....	May 16, 1893	do		1,400			1,080.77		
Henry J. Hancock.....	Assistant inspector.....	Apr. 8, 1898	do		1,200			276.92		
P. J. Golden.....	Stock examiner.....	Apr. 1, 1896	do		900			900.00		
J. J. Molloy.....	do.....	June 27, 1895	do		900			900.00		
Jno. J. Young.....	do.....	Dec. 1, 1893	do		900			900.00		
Thos. Hansen.....	Tagger.....	May 16, 1893	do		720			720.00		
F. P. Herrol.....	do.....	June 27, 1895	do		720			720.00		
Jacob Leismann.....	do.....	May 16, 1893	do		720			720.00		
John Summers.....	do.....	do	do		720			720.00		
W. H. Timmons.....	do.....	do	do		720			720.00		
Chas. Vandervoort.....	do.....	do	do		720			575.60		

Henry Wagner.....	do	June 22, 1891	720	720.00			
Walter Walsh.....	do	May 16, 1893	720	720.00			
Jas. L. Gerrish.....	do	Apr. 11, 1898	720	120.70	Interstate meat-inspection stamps.	42.00	
Chas. O. Brockway.....					Meat-inspection tags	126.00	
Dennison Manufacturing Co.					Lead seals and wires	255.00	
E. J. Brooks & Co.....							
<i>South St. Paul, Minn.</i>							
Archibald McBride.....	Assistant inspector.	June 8, 1896	1,200	1,200.00		5.45	
M. O. Anderson.....	do	Mar. 9, 1898	1,200	376.67			
Chas. Keane.....	do	Dec. 1, 1897	1,200	324.47			
Clarence Lovelberry.....	do	Feb. 7, 1898	1,200	476.63			
Thos. M. Libby.....	Stock examiner.	Oct. 1, 1895	900	897.50		15.75	
Jno. Jacobson.....	Tagger	Feb. 15, 1895	720	459.73			
Harry S. Newlove.....	do	Jan. 1, 1897	720	387.39	Lead seals and wires.	85.00	
E. J. Brooks & Co.....							
<i>Louisville, Ky.</i>							
Niels C. Sorensen.....	Assistant inspector	July 15, 1895	1,200				
Do.....	Inspector.	Apr. 1, 1898	1,400	42.31		12.42	
Albert J. Payne.....	Assistant inspector.	June 1, 1895	1,200	1,180.22		11.65	
Arthur H. Bibb.....	Stock examiner	May 1, 1896	900	897.57			
Frank Canon.....	do	Apr. 1, 1894	900	180.95			
Herbert M. Smith.....	do	Aug. 19, 1897	900	635.88		33.40	
Hogan Games.....	Tagger	Apr. 1, 1898	720	180.00	Interstate meat-inspection stamps.	21.84	
Chas. O. Brockway.....							
<i>Sioux City, Iowa.</i>							
Wm. Thompson.....	Assistant inspector.	Nov. 19, 1894	1,200				
Do.....	Inspector	Apr. 1, 1897	1,400	1,230.80		25.80	
Geo. A. Johnson.....	Assistant inspector.	Apr. 1, 1897	1,200	300.00			
Geo. W. Clark.....	Clerk	Mar. 1, 1898	900	302.50			
W. B. Griggs.....	Stock examiner	Mar. 1, 1895	900	592.58			
Donald McDonald.....	do	Feb. 28, 1898	900	897.58			
Wm. B. Treadway.....	do	Jan. 1, 1894	900	811.95			
Chas. J. Chamberlain.....	Tagger	Mar. 1, 1894	720	720.00			
D. A. Winnie.....	do	Apr. 17, 1893	720	720.00			
Thos. G. Cowgill.....	do	Apr. 9, 1898	720	104.79			
Jas. Ferguson.....	Laborer	Feb. 9, 1898		152.00			
Henry D. Osborne.....	do	Mar. 21, 1898		140.00	Telephone rental	24.00	
Iowa Telephone Co.....							

a Per month.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.
SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MICROSCOPIC INSPECTION.									
<i>Sioux City, Iowa.</i>									
Ulysses G. Houck	Assistant inspector.	Sept. 15, 1896	.....	.....	\$1,200	.....	.....	\$476.63	.....
Mary A. Atwood	Assistant microscopist.	Feb. 7, 1898	.....	.....	600	.....	.....	200.34	.....
Eulalia Edwards	do	Sept. 1, 1897	.....	.....	600	.....	.....	203.71	.....
Mary Madlon	do	Aug. 20, 1897	May 6, 1898	.....	600	.....	.....	144.89	.....
Anna K. Strange	do	do	.....	.....	600	.....	.....	202.04	.....
H. Inez Temple	do	do	.....	.....	600	.....	.....	202.04	.....
Gertrude Wells	do	Oct. 25, 1897	May 6, 1898	.....	600	.....	.....	146.09	.....
Mary E. Williams	do	do	.....	.....	600	.....	.....	200.37	.....
Mary L. Pendleton	do	May 9, 1898	.....	.....	600	.....	.....	52.75	.....
Alice E. Spalding	do	do	.....	.....	600	.....	.....	52.75	.....
Amelia M. Allyn	do	May 16, 1898	.....	.....	600	.....	.....	39.57	.....
Clara E. Townsend	do	do	.....	.....	600	.....	.....	41.21	.....
Eugenie Ulrich	do	do	.....	.....	600	.....	.....	41.21	.....
Wm. Thompson	do	.....	.....	.....	.....	Towels, ice, stationery	.....	\$72.08	.....
Wm. Hill	do	.....	.....	.....	.....	Janitor work	.....	3.75	.....
Marlin P. Berg	do	.....	.....	.....	.....	Tables	.....	12.50	.....
Pelletier Dry Goods Co	do	.....	.....	.....	.....	Window shades, trubs, etc	.....	17.09	.....
E. A. Conway Coal Co.	do	.....	.....	.....	.....	Coal and kindling	.....	26.63	.....
Frank T. Houx	do	.....	.....	.....	.....	Repairing wall and ceilings	.....	15.00	.....
Almskog & Anderson	do	.....	.....	.....	.....	Papering and calceining	.....	10.00	.....
Beach & Weld	do	.....	.....	.....	.....	Stove, hod, and shovels	.....	28.20	.....
Erickson Hardware Co.	do	.....	.....	.....	.....	Stove, water tank, and nails	.....	29.65	.....
Lindholm Furniture Co.	do	.....	.....	.....	.....	Oak desk, flat top	.....	11.00	.....
Chicago, Milwaukee and St. Paul Rwy. Co.	do	.....	.....	.....	.....	Transportation, U. G. Houck	.....	12.75	.....
Ochsner & Orentt Co.	do	.....	.....	.....	.....	Oil stove, water cooler	.....	9.40	.....
<i>Cedar Rapids, Iowa.</i>									
Trajan A. Shipley	Inspector.	July 1, 1896	.....	.....	1,400	.....	.....	1,400.00	.....
John McBirney	do	June 15, 1897	.....	.....	1,400	.....	.....	280.75	12.80
Wm. F. Flaeging	Stock examiner	Aug. 1, 1894	.....	.....	900	.....	.....	897.57	.....
Geo. H. Bucklin	Tagger	June 24, 1895	Apr. 2, 1898	.....	720	.....	.....	538.00	.....
F. A. Dammann	do	June 10, 1895	.....	.....	720	.....	.....	226.96	.....
Alfred Day	do	Dec. 10, 1895	.....	.....	720	.....	.....	493.10	.....
Chas. L. Grunbaine	Laborer.	Apr. 12, 1898	.....	.....	\$2.00	.....	.....	134.00	.....

Chas. O. Brockway.....						Interstate meat inspection stamps.....	42.00
Dennison Manufacturing Co.....						Meat inspection tags.....	6.80
E. J. Brooks & Co.....						Lead seals and wires.....	17.00
MICROSCOPIC INSPECTION.							
<i>Cedar Rapids, Iowa.</i>							
Walter J. Stewart.....	Assistant inspector.....	June 15, 1896			1,200	360.00	6.87
Mary E. Adams.....	Assistant microscopist.....	Feb. 16, 1898			600	208.49	
Edith A. Bailey.....	do.....	do			600	196.90	
Ursula P. Bryant.....	do.....	do	May 15, 1898		600	213.34	
M. Knuy Douglas.....	do.....	do	do		600	142.56	
Abbie E. Johnson.....	do.....	do	do		600	142.56	
Pearl E. Listebarger.....	do.....	do	do		600	142.56	
M. Ellen Lucore.....	do.....	do	do		600	140.90	
Leah Maynard.....	do.....	do	do		600	140.86	
Mabel Sprague.....	do.....	do	do		600	127.68	
Edith L. Wolf.....	do.....	do	do		600	203.45	
Martha A. Brittan.....	do.....	do	do		600	74.17	
Trescy Cowan.....	do.....	do	do		600	74.17	
Carolyn M. Hopkins.....	do.....	do	do		600	62.94	
Isabel D. Knox.....	do.....	do	do		600	46.15	
Goldie B. Spafard.....	do.....	do	do		600	72.52	
May M. Hartley.....	do.....	do	do		600	36.26	
D. N. Wheeler.....	Laborer.....	Mar. 10, 1898		2.00		192.00	
T. A. Shipley.....	do.....	do					66.37
F. MacFarlane.....	do.....	do					15.75
Jones & Lubinger.....	do.....	do					12.00
MEAT INSPECTION.							
<i>Ottumwa, Iowa.</i>							
Joshua Miller.....	Assistant inspector.....	Dec. 10, 1895			1,200	1,200.00	15.05
Abraham Mader.....	Stock examiner.....	Jan. 1, 1894			900	890.00	
Llewellyn C. Akin.....	Tagger.....	Feb. 1, 1898			720	284.00	
Geo. S. Bliss.....	do.....	May 18, 1898			720	85.05	
E. J. Brooks & Co.....	do.....	do					8.50
MICROSCOPIC INSPECTION.							
<i>Ottumwa, Iowa.</i>							
Walter J. Stewart.....	Assistant inspector.....	June 15, 1896			1,200	16.67	14.98
Eannie Cone.....	Assistant microscopist.....	Mar. 9, 1898			600	155.42	
Emma J. Dawson.....	do.....	Apr. 1, 1898			600	112.10	
Alice A. Emery.....	do.....	June 30, 1898			600	119.09	
Mande D. Holman.....	do.....	Mar. 9, 1898			600	133.93	
Bertha S. Hunter.....	do.....	do			600	138.76	

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MICROSCOPIC INSPECTION— continued.								
<i>Ottumwa, Iowa—Cont'd.</i>								
Clara Sargent.....	Assistant microscopist	Mar. 9, 1898	June 8, 1898		\$600		\$122.45	
Addie D. Smith.....	do	do	do		600		119.09	
Vinnie White.....	do	do	do		600		133.94	
Harrist E. Barnes.....	do	June 9, 1898	do		600		32.97	
Margaret E. Stevens.....	do	do	do		600		32.97	
Beulah MacFarland.....	do	do	do		600		29.67	
Winifred MacFarland.....	do	do	do		600		29.67	
U. R. Walton.....	Laborer	Mar. 28, 1898	do		a \$30.00		93.87	
Joshua Miller.....	do	do	do			Towels, janitor, express, and freight.		\$11.75
MEAT INSPECTION.								
<i>Pittsburg, Pa.</i>								
Fredk. W. Ainsworth.....	Assistant inspector.	Feb. 7, 1898	do		1,200		463.30	
Wm. H. Kearfott.....	Stock examiner.	Oct. 1, 1895	Feb. 28, 1898		900		459.98	
Geo. B. Martin.....	Tagger	Mar. 1, 1895	Apr. 15, 1898		720		488.00	
Jas. L. McGill.....	do	Jan. 17, 1898	do		720		328.00	
Frank J. Gilmore.....	do	Feb. 1, 1896	do		720		3.91	
Jas. E. Hughes.....	Laborer	May 9, 1898	do		720		102.82	
Jno. T. Callahan.....	do	Sept. 3, 1897	do		2.00		235.00	
Louis R. Cobick.....	do	Dec. 3, 1897	do		2.00		49.00	
Harry N. Waller.....	do	do	do			Freight and office expenses.		1.60
E. J. Brooks & Co.....	do	do	do			Lead seals and wires		34.00
<i>Marshalltown, Iowa.</i>								
Ira K. Atherton.....	Assistant inspector.	Feb. 15, 1895	do		1,200		1,200.00	
Alfred J. Smith.....	Tagger	Apr. 15, 1898	do		720		150.37	
David C. Wilbur.....	do	do	do			Flat-top desk.		8.90
MICROSCOPIC INSPECTION.								
<i>Marshalltown, Iowa.</i>								
Arthur R. Wake.....	Assistant inspector.	Nov. 18, 1895	do		1,200		253.85	\$14.80
Mary E. Chickering.....	Assistant microscopist	Apr. 18, 1898	do		600		88.92	

Inez J. Christie.....	do				600	88.92	
Clara E. Holmes.....	do				600	88.92	
Mae S. Wall.....	do				600	79.12	
Maud St. John.....	do				600	19.78	
Ira K. Atherton.....	do						15.39
David C. Wilbur.....							16.15
Louis Hax Furniture Co.....							13.50
MEAT INSPECTION.							
<i>Davenport, Iowa.</i>							
Chas. M. Day.....	Assistant inspector.	Nov. 19, 1894			1,200	436.97	
Geo. Ditewig.....	do	Aug. 11, 1896			1,200	739.69	4.15
John Iramer.....	Stock examiner.	June 27, 1895			900	900.00	
Geo. C. Burke.....	do	Jan. 1, 1894			900	900.00	
Chicago, Burlington and Quincy R. R. Co.							7.36
<i>San Francisco, Cal.</i>							
Geo. S. Baker.....	Inspector.	Nov. 1, 1896			1,600	1,600.00	24.90
John J. Borden.....	Stock examiner.	Mar. 2, 1896			900	900.00	
John Brown.....	do	do			900	117.18	
Ambrose McSweeney.....	do	Feb. 15, 1896			900	872.96	
Daniel McSweeney.....	do	Nov. 18, 1895	Mar. 31, 1898		900	179.30	
John E. Munn.....	do	Jan. 1, 1897			900	900.00	
John F. Nelson.....	do	Feb. 15, 1896			900	882.86	
James A. Riley.....	do	Nov. 10, 1896			900	852.50	
Lamner West.....	Clerk.	June 1, 1896			900	900.00	
Thos. N. Badger.....	Tagger.	Sept. 1, 1896	Dec. 31, 1897		720	176.14	
Frank Brown.....	do	Dec. 7, 1896	Mar. 1, 1898		720	449.94	
Thos. F. Brown.....	do	Oct. 12, 1896			720	153.23	
Harry S. Newlove.....	do	Jan. 1, 1897			720	322.82	
Jno. H. Webster.....	do	Mar. 2, 1896			720	720.00	
Edw. E. Stephens.....	do	Dec. 9, 1896			720	180.00	
B. P. Oliver.....	do						240.00
Pacific Telephone and Tele- graph Co.							120.00
<i>Los Angeles, Cal.</i>							
Orlando B. Hess.....	Inspector.	July 1, 1896			1,400	1,400.00	2.20
Wm. R. Dennis.....	Stock examiner.	Nov. 10, 1896			900	900.00	
A. J. O'Rourke.....	do	do			900	900.00	
Thos. N. Badger.....	Tagger.	Sept. 1, 1896	Dec. 31, 1897		720	180.00	
M. J. P. Nolte.....	do	July 1, 1896			720	720.00	
Edw. E. Stephens.....	do	Dec. 9, 1896			720	534.18	
Orlando B. Hess.....							360.00

a Per month.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>South St. Joseph, Mo.</i>									
John Forbes	Inspector	Sept. 16, 1894		\$1,400			\$1,400.00		\$20.68
J. E. Blackwell	do	Aug. 1, 1893		1,400			326.91		\$6.70
Jas. S. Kelly	Assistant inspector	Apr. 1, 1897		1,200			1,200.00		
James Wilson	do	Dec. 1, 1894		1,200			1,196.70		
Howard M. Burgess	do	Apr. 8, 1893		1,200			276.92		
Jno. B. Wright	do	Apr. 18, 1898		1,200			243.96		
Wm. W. Johnston	do	May 23, 1898		1,200			108.79		
H. J. Washburn	do	do		1,200			123.27		
Wm. E. Mowrer	Clerk	Apr. 15, 1898					177.72		
Frank A. Ewing	Stock examiner	May 1, 1894		900			897.52		
Jas. F. Atherton	Tagger	Mar. 25, 1898		720			194.00		
Wm. J. Hardenstine	do	May 1, 1896		720			720.00	2.90	
Emory K. Hess	do	Dec. 10, 1895		720			720.00		
Clayton E. Moss	do	May 1, 1896		720			420.60		
Jas. P. Kay	do	Nov. 12, 1894		720			692.28		
Jno. S. Biggs	do	Apr. 15, 1898		720			152.35		
W. D. Benton	do	do		720			148.43		
T. Byron Cracroft	do	do		720			128.53		
Moses W. Games	do	do		720			96.92		
Thos. Redmond	do	do		720			132.57		
Wm. Yenner	do	Apr. 25, 1898		720			83.04		
Henry Singleton	do	May 20, 1898		720			77.10		
Nelson Enis	do	May 23, 1898		720			60.00		
John Forbes	Laborer	June 15, 1898		\$2.00					
St. Joseph Stock Yards Co.									180.00
Weiigel & Sons Furniture Co.									150.00
Kansas City, St. Joseph and Council Bluffs R. R. Co.									33.25
MICROSCOPIC INSPECTION.									
<i>South St. Joseph, Mo.</i>									
Wm. A. Heck	Assistant inspector	Apr. 15, 1897		1,200			360.00		
Mary K. A. Aniser	Assistant microscopist	Mar. 15, 1898	June 14, 1898	600			138.76	3.15	

Holly Burgess	do	June 30, 1898	600	161.85	
Mary B. Carrer	do	do	600	165.20	
Eunice E. Flynn	do	June 15, 1898	600	26.37	
Helen Frotsham	do	Mar. 15, 1898	600	140.46	
Minnie Harrington	do	do	600	142.11	
Hulda Hornkohl	do	do	600	140.46	
Lillie M. Horn	do	do	600	166.79	
Anna M. Jewett	do	June 15, 1898	600	26.37	
Katherine McGillis	do	Mar. 15, 1898	600	150.16	
Hortense Pugh	do	do	600	166.84	
Grace Puette	do	June 15, 1898	600	26.37	
Jennie C. Radford	do	Mar. 15, 1898	600	128.88	
Ellen Rogers	do	do	600	142.11	
Mary Rhodes	do	do	600	133.82	
Idabel Thorp	do	do	600	137.12	
Nellie Walker	do	June 15, 1898	600	26.37	
M. N. Bivin	do	Mar. 23, 1898	600	98.71	Express, sotta, and turpentine. Chairs, desks, and tables.
John Forbes	Laborer				9.95 86.45
The Louis Hax Furniture Co.					
W. F. Kirkpatrick & Co.					5.00
Electric Towel Supply Co.					17.50
Combe Printing Co.					10.00
J. Wickenhoefer					5.40
MEAT INSPECTION.					
<i>Miscellaneous.</i>					
E. Morrison Paper Co.					32.00
John C. Parker					78.37
Rudolph, West & Co.					7.07
The J. F. W. Dorman Co.					76.94
Chadwick Copying Book Co.					107.04
Chas. O. Brockway					4,839.24
Easton & Rupp					.96
R. Carter Ballantyne					5.48
J. Ottmann Lithographing Co.					1,145.63
Dennison Manufacturing Co.					2,375.10
H. F. Miller & Son					29.00
Austin Smith					14.64
C. S. Braisted					40.20
J. C. Ergood & Co.					18.07
D. H. Burrell & Co.					28.82
Edw. F. Ebinger					3.51
Jas. S. Topham					23.00

Per month.

List of persons employed and disbursements made during the fiscal year ended June 30, 1898—Continued.

SALARIES AND EXPENSES—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.					
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.		
MICROSCOPIC INSPECTION—continued.											
Miscellaneous—Continued.											
Thomas Manufacturing Co.											\$134.38
Chicago Car Seal and Manufacturing Co.											34.00
John P. Nawrath											9.50
Rudolph, West & Co.											56.28
George A. Shehan											4.50
The Grant Manufacturing Co.											25.00
Spencer Lens Co.											342.60
Total.										\$161,554.00	\$262.47
											10,159.38

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