

OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY.

LETTER

FROM

THE SECRETARY OF AGRICULTURE,

TRANSMITTING

THE REPORT OF THE OPERATIONS OF THE BUREAU OF ANIMAL
INDUSTRY FOR THE FISCAL YEAR ENDING JUNE 30, 1897.

JANUARY 17, 1898.—Referred to the Committee on Agriculture and ordered to be
printed.

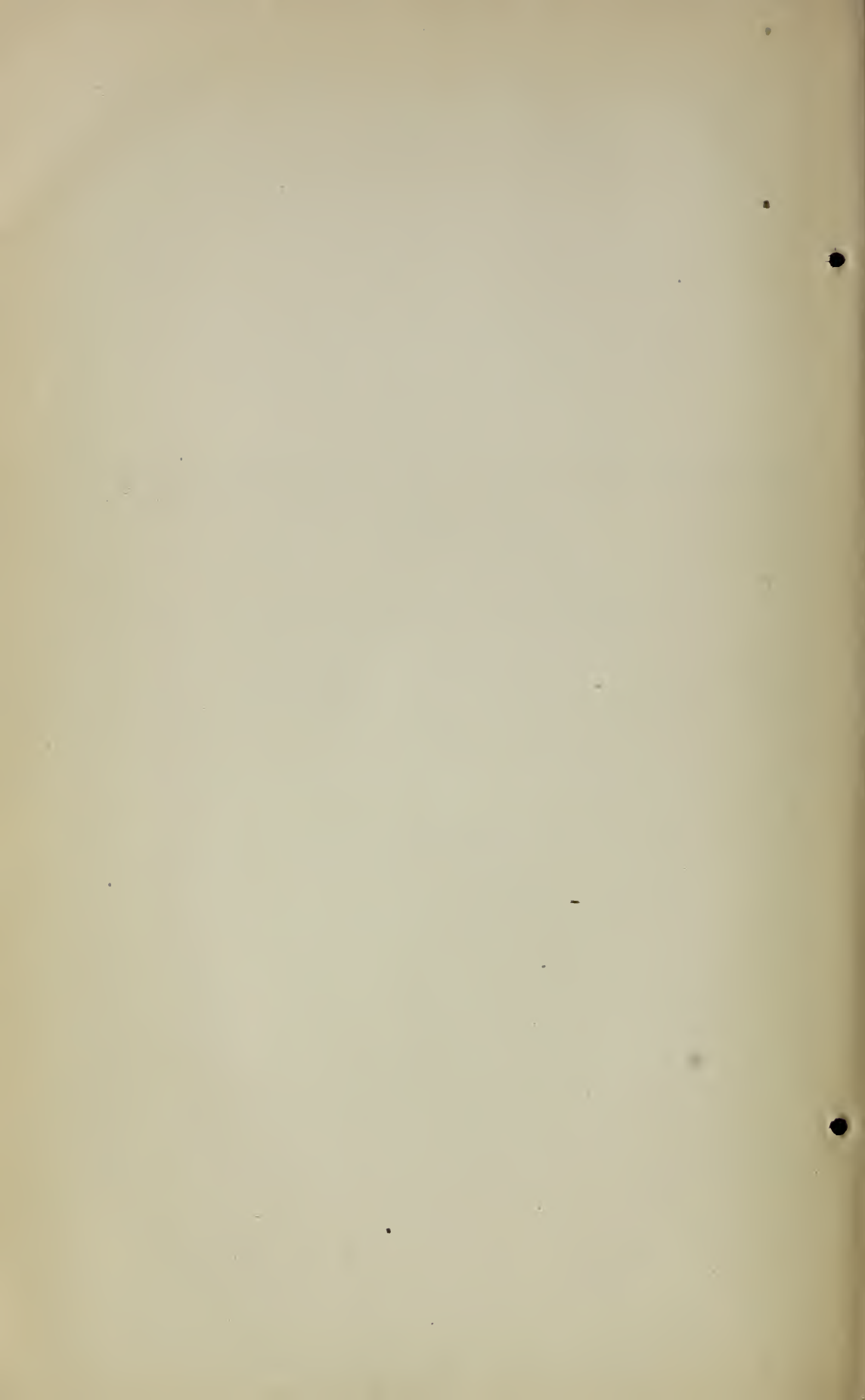
UNITED STATES DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., January 15, 1898.

SIR: I have the honor to transmit herewith the report of the operations of the Bureau of Animal Industry for the fiscal year ending June 30, 1897, 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 SPEAKER OF THE HOUSE OF REPRESENTATIVES.



OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY FOR THE FISCAL YEAR ENDING JUNE 30, 1897.

WORK OF THE INSPECTION DIVISION.

MEAT INSPECTION.

It has still been impossible to inspect all the animals slaughtered in the United States for human food, the meat of which is to be shipped in the channels of interstate or foreign commerce. The force engaged in this inspection has been enlarged from time to time and the number of animals inspected has increased each year. During the past year 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. There has, however, been a large amount of meat slaughtered for interstate trade which it has been impossible to inspect with the appropriation at the disposal of this Bureau. This is a very important matter, and every effort should be made to secure the inspection of all the animals which the law contemplated should be inspected, as otherwise there is a tendency to have doubtful or suspicious animals slaughtered at abattoirs where inspection has not yet been established.

The progress during the year has been satisfactory, and if the appropriation is increased so as to allow a continued development of the inspection service at the same rate it will not be many years before the intent of the law is entirely accomplished. The meat-inspection force is now a very competent and efficient one. The inspectors and assistant inspectors are veterinarians, many of whom have passed a rigid examination under the Civil Service Commission, and the greater part of the nonprofessional members of the force have had such long experience that their services are extremely valuable. The persons obtained by certification from the eligible list of the Civil Service Commission have, as a rule, been more competent and efficient than those obtained before the force was brought within the classified service, and it has been possible to maintain much better discipline than was the case when a considerable proportion of the force believed that they had influence which made them more or less independent of the head of the Department and the Chief of the Bureau.

The work of meat inspection was in operation at 128 abattoirs and packing houses, located in 33 cities.

Following is a table showing the number of ante-mortem inspections made in the stock yards and at abattoirs, with the number condemned on this inspection at the abattoirs and the number rejected in the stock yards. The animals rejected in the stock yards are tagged and held subject to future disposition—either slaughtered, shipped to the

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country for stocking purposes, or released when in proper condition for food.

Ante-mortem inspection.

Animals.	For official abattoirs in cities where the inspection was made.	For abattoirs in other cities and miscellaneous buyers.	Total inspections.	Condemned at abattoirs.	Rejected in stock yards
Cattle.....	4,289,058	3,960,967	8,250,025	195	24,951
Sheep.....	5,179,643	2,864,712	8,044,355	757	10,503
Calves.....	259,930	189,053	448,983	56	2,597
Hogs.....	16,813,181	8,753,563	25,566,744	12,858	40,287
Total.....	26,541,812	15,768,295	42,310,107	13,866	78,338

Below is a statement showing the number of post-mortem inspections made at the abattoirs where inspection was maintained, and the number made on animals rejected in the stock yards and slaughtered at various places, with the number of carcasses and parts condemned as unfit for human consumption. The rigid character of the ante-mortem inspections in the stock yards is evidenced by the fact that on the post-mortem examination of rejected animals the greater part is passed as fit for food.

Post-mortem inspection.

Animals.	Number of inspections.			Carcasses condemned.			Parts of carcasses condemned at abattoirs.
	At abattoirs.	On animals rejected in stock yards.	Total.	At abattoirs.	Stock-yard inspections.	Total.	
Cattle.....	4,242,216	11,634	4,253,850	6,618	3,725	10,343	10,290
Sheep.....	5,209,161	4,733	5,213,894	3,086	1,652	4,738	1,213
Calves.....	273,124	787	273,911	238	311	549	42
Hogs.....	16,808,771	30,263	16,839,034	a 41,562	12,929	54,491	b 37,750
Total.....	26,533,272	47,417	26,580,689	51,504	18,617	70,121	49,295

a Includes 3,243 condemned on microscopic examination.
 b Includes 10,082 condemned on microscopic examination.

In addition to the above there were killed by city inspectors 641 cattle, 1,527 sheep, 40 calves, and 2,081 hogs that had been rejected in the stock yards by officers of the Bureau of Animal Industry.

The meat-inspection tag or other mark of identification was affixed to 14,510,662 quarters and 863,248 pieces of beef, 5,161,927 carcasses of sheep, 231,879 carcasses of calves, 524,556 carcasses of hogs, and 314,947 sacks and pieces of pork.

The meat-inspection stamp was placed on 4,692,069 packages of beef products, 3,711 of mutton, and 7,463,259 of hog products, including 120,322 containing microscopically examined pork.

The number of certificates of inspection for exported products issued was 21,825 for meat products which had undergone the ordinary inspection and 7,560 for pork microscopically examined, in addition to the regular inspection. These certificates covered the shipment of 1,128,717 quarters and 20,259 pieces of fresh beef, 1,249 carcasses of sheep, 3,721 carcasses of hogs, 519,017 packages of beef, 3,711 packages of mutton, and 411,948 packages of pork, of which 119,549 contained pork which had been microscopically examined.

There were sealed 12,664 cars containing inspected meat for shipment to packing houses and other places.

The cost of this work was \$385,796.36, which, while including all the expenses incident to the work, makes an average of 0.91 cent for each ante-mortem inspection.

For the purpose of comparison the following table is given:

Number of animals inspected before slaughter for abattoirs having inspection.

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	96,351	1,020,764	7,964,850	12,944,056
1895.....	3,752,111	109,941	1,344,051	13,576,917	18,783,000
1896.....	4,050,011	213,575	4,710,190	14,301,963	23,275,739
1897.....	4,239,058	259,930	5,179,643	16,813,181	26,541,812

MICROSCOPIC INSPECTION OF PORK.

In the microscopic examination for trichinæ 1,881,309 specimens were examined—550,291 from carcasses and 1,331,018 from pieces. The number of samples found infected was 13,325, of which 3,243 were from carcasses and 10,082 from pieces of pork.

The number of pounds exported was 43,572,355, of which only 1,001,783 pounds went to countries not requiring a certificate of microscopic inspection.

The cost of this inspection was \$111,669.30, an average per specimen examined of 5.94 cents, or an average of 0.256 cent for each pound of microscopically examined meat exported.

The following table shows the exports of microscopically inspected pork, 1892-1897:

Fiscal year.	To countries requiring inspection.	To countries not requiring inspection.	Total.
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
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

INSPECTION OF VESSELS AND EXPORT ANIMALS.

The number of inspections of domestic cattle for export was 845,116; number tagged, 410,379; number rejected, 1,565; number of inspections of domestic sheep, 348,108; number rejected, 189. The number of Canadian cattle inspected was 13,136; number rejected, 12; Canadian sheep inspected, 23,289; rejected, 72.

The number of domestic animals exported under the supervision of inspectors consisted of 390,554 cattle (5,501 shipped from Chicago by way of Montreal), 184,596 sheep (2,231 from Chicago via Montreal), 22,623 horses, and 100 mules. Canadian animals were exported from United States ports as follows: 13,124 cattle, 23,217 sheep, and 6,185 horses.

The number of certificates issued for cattle was 1,563; the number of clearances of vessels was 954.

Following is a statement showing the number of cattle and sheep inspected at time of landing by the inspectors of the Bureau stationed in Great Britain, and the number and percentage lost in transit:

From—	Cattle.			Sheep.		
	Number landed.	Number lost.	Per cent.	Number landed.	Number lost.	Per cent.
United States.....	367,277	2,124	0.57	166,936	2,184	1.29
Canada.....	10,409	199	1.88	22,247	492	2.17
Total.....	377,686	2,323	0.61	189,183	2,676	1.39

The percentage of loss in export animals during the year has been moderately low, although not as low as in some previous years. In 1894 the percentage of loss of cattle was 0.37; in 1895 it was 0.62, and in 1896, 0.32. The loss of sheep in 1894 was 1.29; in 1895, 2.7; in 1896, 1.16. We can never expect a uniformly low rate, on account of the great variation in conditions of the weather.

The cost of inspection of export animals, the Texas fever work, and the inspection of animals imported from Mexico was \$102,555.16. If it may be assumed that half of this amount is properly chargeable to the export work, the cost of inspecting the 575,150 domestic cattle and sheep exported would be \$51,277.58, or 8.9 cents per head. The number of inspections made on these animals in this country was 1,193,224, and in Great Britain 534,213, making a total of 1,727,437, the average cost of each inspection being 2.97 cents.

Following is a statement showing the inspection of domestic cattle and sheep for export and the number exported for 1897 and previous years:

Fiscal year.	Cattle.				Sheep.		
	Number of inspections.	Number rejected.	Number tagged.	Number ex-ported.	Number of inspections.	Number rejected.	Number ex-ported.
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	324,359	324,299	701,044	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 1896 there were received and yarded in the quarantine divisions of the various stock yards 42,869 cars, containing 1,154,235 cattle; 43,529 cars were cleaned and disinfected.

The supervision and control of the movement of cattle from the district infected with Southern, or splenic, fever involves the placarding of cars and stamping of waybills, the proper yarding of Southern cattle in order that they may not come in contact with susceptible animals, and, when reloaded at one station, the notification of the inspector at the point of destination or at intermediate stations.

In the noninfected area in Texas 220,543 cattle were inspected and permitted to be moved to other States by trail and railroad for grazing.

INSPECTION OF IMPORTED ANIMALS.

The number of animals imported from Mexico and inspected at the ports of entry along the boundary line was as follows: 292,479 cattle, 43,393 sheep, 12 hogs, and 171 goats.

The number imported from Canada and inspected at northern boundary ports and not subject to quarantine consisted of 42,953 cattle, 331,137 sheep, 212 swine, 2,635 horses, 9 mules, and 1 goat.

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

Station.	Cattle.	Sheep.	Swine.
Littleton, Mass.	1	102	13
Garfield, N. J.	36	115	42
St. Denis, Md.		2	
Vanceboro, Me.	1		
Houlton, Me.	2	10	
Newport, Vt.	1		
Risford, Vt.	3		
Rouse Point, N. Y.	4		
Ogdensburg, N. Y.	144		
Buffalo, N. Y.	165		
Port Huron, Mich.	5		
Total.	362	229	55

There were also 14 goats and 18 camels at the Garfield station, making a total of 678 animals quarantined.

An experiment is now in progress in Page County, Iowa, to determine to what extent and at what cost hog cholera can be prevented or controlled by sanitary regulations. The legislature at its last session passed a special act giving authority to destroy animals and to enforce necessary quarantine regulations. The funds available for this experiment are not sufficient, but it is hoped that the work may be sufficiently thorough in a part of the county to indicate what may be accomplished by the enforcement of such regulations. Experiments are also being made to learn what can be accomplished by killing only the plainly diseased animals and treating those exposed with hog-cholera antitoxin. It is yet too early to form an idea of the results that will be obtained through these experiments, further than to state that the antitoxin evidently has a beneficial effect. The laboratory and experiment station are now engaged upon investigations looking to the production of an antitoxin of greater protective power and at less expense than has been possible heretofore.

WORK OF THE PATHOLOGICAL DIVISION.

DESTRUCTION OF CATTLE TICKS.

Probably the most important work which this division has had in charge has been the experimental study of the effect of different substances in destroying the ticks which spread the infection of Texas fever. For a long time it appeared as though no mixture could be obtained which would kill these parasites without severely injuring the cattle which were treated. Recently it has been found that a petroleum product known as paraffin oil will destroy the ticks without greatly irritating the skin of the animals to which it is applied. It is thought that by dipping the cattle twice in this oil, with an interval of a few days, all the ticks will be destroyed, and the animals,

even from the infected district, may thereafter be shipped with safety to any part of the country. If this hope is fulfilled, the dipping of cattle from the infected district must soon become general, and will save millions of dollars to the Southern States. At present such cattle must be kept separate and in quarantine pens, and sold as quarantined animals, at a less price than they would bring in case they were free from restrictions. The general dipping of infected cattle would also prevent the infection of cars and stock yards and enable this Bureau to prevent the dissemination of Texas fever with less hardship to the owners of cattle and with greater safety to the stock interests.

BLACK LEG.

An effort is also being made to prevent the losses from the disease known as black leg, or symptomatic anthrax, by distributing to the owners of herds where such losses occur a vaccine that will produce immunity. The ravages of this disease in some of our States have become very discouraging to the owners of cattle, particularly those who have endeavored to grade up their herds and breed the best beef-producing varieties. Many owners of large herds have reported annual losses ranging from 8 to 14 per cent. This disease appears to be quite easily prevented by vaccination. Heretofore, however, the methods used in this country have required two vaccinations, with an interval of ten days or more, and the trouble and expense of a double vaccination, added to the cost of the vaccine, has deterred many stock owners from adopting this method of prevention. The Pathological Division has experimented with a vaccine prepared by a special method, and which produces sufficient immunity to resist the disease with one vaccination. This division has prepared a large quantity of this vaccine, and has distributed it for experimental purposes. By securing this material free of charge and obtaining immunity with a single operation, the method has been so simplified and cheapened that cattle owners who have suffered from the disease in the past are very anxious to adopt it.

RABIES.

Many investigations of reported outbreaks of disease have been made, and a considerable number of tests made of animals supposed to be affected with rabies. A great variety of opinions have been expressed concerning the existence of rabies and the extent to which it prevails in this country. There are few institutions which are prepared to make a scientific test of animals supposed to be affected with this disease, and consequently the work of the Pathological Division in this direction is of great importance. A considerable number of undoubted cases of the disease have been discovered in this way, and it has been found that some mysterious outbreaks of disease among cattle were really attributable to this cause.

WORK OF THE BIO-CHEMIC DIVISION.

This division has manufactured and distributed to State authorities during the past year sufficient tuberculin to test 57,000 cattle for tuberculosis, and sufficient mallein to test 1,400 horses for glanders.

This division has also succeeded in manufacturing an ink which is of great assistance in branding carcasses and pieces of inspected meats. Such branding answers the purpose of identification in many

cases as well as seals and tags, and where used results in a great saving of money, since it can be applied much more rapidly and costs for material very much less. About 70 gallons of this ink have been prepared and shipped to the various meat-inspection stations during the year.

This division has also experimented in the preparation of serums for the treatment of tuberculosis, hog cholera, and swine plague, but the results up to this time are not such as to enable the Bureau to introduce such methods in its practical work.

An experiment has been made by cooperation between the Bio-chemic Division, the Pathological Division, and the Chemical Division of the Department for determining the alleged poisonous properties existing in cotton-seed meal. American and Egyptian meals have been fed in very large quantities, but without producing any disease or any evidence of poisoning. The animals in the experiment thrived and gained rapidly upon the feed, even when the ration was increased to extraordinary quantities of the meal. Other investigations of a chemical nature have been in progress, which will be reported in detail elsewhere.

WORK OF THE ZOOLOGICAL LABORATORY.

During the fiscal year 1896-97 the Zoological Laboratory has continued its work in studying animal parasites. Considerable time has been consumed making specific determinations of specimens which are referred from the Inspection Division or from sanitary officials, physicians, or zoologists in various parts of the country. Aside from these determinations, the laboratory has been occupied with statistical hygienic work and original technical investigations.

With a view to determining the value of the German microscopic examination of pork for trichinæ, the various outbreaks of trichinosis in that country from 1881 to 1895 have been collated. As might be expected on theoretical grounds, a number of cases of this disease have occurred from German pork which the German officials have inspected and declared free from trichinæ. The number of such cases, however, is greater than one would expect from the German regulations, and shows conclusively that the German system of inspection is far below the degree of thoroughness usually ascribed to it.

Over 40 per cent of all the cases of trichinosis thus far collected for Germany for the fifteen years referred to has been caused by pork which the German inspectors have examined and declared to be free from trichinæ, while about 14 per cent of all the cases in Germany during the same years was due to pork which in some way escaped the sanitary officials. In some cases the inspector would fail to examine the meat; in others it was examined and condemned, but afterwards stolen and placed on the market. It is a remarkable fact that with all these cases of trichinosis which are laid at the door of the German inspection and the German pork there was not a single case of the disease in Germany during the fifteen years referred to which the German sanitary authorities have been able to show was due to American pork.

As another line of sanitary study the zoological laboratory has prepared for the use of the Bureau inspectors a bulletin on certain animal parasites found in meats, with special reference to their direct or indirect transmissibility to man. Most important among these is the *Echinococcus hydatid*, which appears to be more common in this

country than formerly supposed. As this is the cause of a very fatal disease in man, it behooves sanitary officials to take early and proper precautions to prevent its further spread.

Various laboratory and field experiments upon scab have been begun and are still in progress.

For about two months the entire attention of this laboratory was occupied with a study of the parasites of the fur seal, undertaken at the request of the United States Treasury Department. An extensive report on the subject has been submitted to the United States Seal Commission for publication.

Owing to the unsatisfactory state of knowledge concerning most of the American parasites, it is necessary for this laboratory to undertake considerable study of a very specialized and technical nature. One bulletin, half of which was composed of technical details, on the parasites of poultry has been issued, and a technical bulletin on certain parasites of hares and rabbits and their relation to the parasites of cattle, sheep, and horses, prepared by this laboratory, has been published by the National Museum.

Finally, the laboratory has made an extensive study of all the various codes of zoological nomenclature in preparation for the meeting of the International Commission on Zoological Nomenclature, at which this Department was represented. This movement, inaugurated by the last International Zoological Congress, has resulted in final mutual concessions on the part of scientific men of different countries, and the few remaining points of disagreement in this subject have been done away with, and we now have a completely uniform set of technical names in all countries.

WORK OF THE DAIRY DIVISION.

The general survey of the condition of the dairy industry in different parts of the country, which was begun immediately after the organization of the division in July, 1895, has been continued through the medium of the regular force, aided by a few special agents. This inquiry has been made by single States and groups of States, and has resulted in several reports, some of which have been printed and others are in hand awaiting revision and publication.

A special inquiry has been in progress in like manner as to the milk supply and service of representative cities and large towns in the United States, and the field work, so to speak, has been completed at some points.

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.

The calls for specific information by letter have greatly increased, as well as the routine work of the office and the volume of correspondence in general. This service, together with preparing several publications, has so occupied the office force as to greatly retard the important work of collating and indexing for permanent use and reference the mass of data which is constantly accumulating.

During the year there have been published eight bulletins and three circulars prepared in the division, besides contributions to the Yearbook of the Department and to the Annual Report of the Bureau of Animal Industry, in all comprising 287 printed pages.

Work is well advanced upon a compilation showing the movement of dairy products in the United States from producer to consumer,

the condition of and important changes in the principal domestic markets, and the dairy export interest of the country, all to be offered for publication as a bulletin under the title of Commerce of the Dairy, as a suitable supplement to Statistics of the Dairy, already published.

The chief and assistant chief of the division have visited during the year centers of dairy interest in 23 States, and collected information for future use. Incidentally, the same officers have attended general meetings of 13 States and similar organizations of dairymen, and have been enabled thereby 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.

Soon after the establishment of the division attention was directed toward the condition of the foreign trade of the United States in dairy products. It was noticed that the cheese trade in general was depressed and demoralized, mainly as a consequence of the heavy decline in exports during recent years, the causes for which were discussed in the Yearbook for 1895. Also, that a surplus of good butter was beginning to show itself for the first time in this country, rendering an enlarged market and new outlets of importance. It became known that Canada had secured nearly all the trade for cheese in Great Britain which the United States had lost, and this had been done through the direct instrumentality of the Canadian Government in encouraging, aiding, and instructing cheese factories and improving means of transportation. Canada was found, in addition, to be entering upon a similar course of developing and patronizing the creamery system of butter making and establishing a foreign trade with this product.

It was therefore evident that active measures should be taken to reestablish and extend foreign markets for the surplus butter and cheese produced in the United States, and early in the year a definite recommendation was made from this office for preliminary work in this direction.

Arrangements were begun in March for making experimental exports to foreign markets of carefully selected butter from creameries in the large butter-producing sections of the United States. These shipments, commenced in May, have been made every three weeks, and it is proposed to continue them until near the close of the calendar year. The trial exports made thus far have been from the port of New York to the London market via Southampton.

Without anticipating the results of the season's trials or the report to be made thereon, it can be already asserted that English merchants of reputation and influence have been better convinced than ever before of the high quality of butter obtainable in different parts of this country and the practicability of placing it in British markets from ten to fourteen days after churning and without appreciable deterioration. The terminal facilities and the accommodations for refrigerated storage during ocean transit are not yet what is desired in kind or capacity, but it is evident that if the commercial demands increase and remain sufficiently constant, the transportation facilities will become adequate and satisfactory.

These trial exports serve the double purpose of obtaining useful information for our own people as producers and sellers, and of diffusing desirable information among prospective customers. A very widespread interest in this matter has been developed in this country, as shown by the comments of the public press and the voluminous

correspondence already resulting. The probable benefit in extending the foreign market for American butter seems to make it desirable to repeat the trials another year, with an enlarged field of operations.

PUBLICATIONS.

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

- Twelfth and Thirteenth Annual Reports of Bureau of Animal Industry, 1895-96.
 Report of the Chief of the Bureau of Animal Industry for 1896. (Reprint.)
 Bulletin No. 12: Tapeworms of Poultry.
 Bulletin No. 13: Tuberculosis Investigations; The Growth of the Tuberculosis Bacillus upon Acid Media, and other Investigations.
 Bulletin No. 14: Dairying in California.
 Bulletin No. 15: The Cheese Industry of the State of New York.
 Bulletin No. 16: The Dairy Industry in Nebraska, South Dakota, and North Dakota.
 Bulletin No. 17: Dairy Schools.
 Bulletin No. 18: The Dairy Industry in Missouri and Kansas.
 Circular No. 15: Check List of the Animal Parasites of Pigeons.
 Circular No. 16: Correspondence defining "Filled Cheese."
 Circular No. 17: Exports of Animals and their Products.
 Circular No. 18: List of Officials and Associations connected with the Dairy Interests in the United States and Canada for 1897.
 Circular No. 19: Factory Cheese and How it is Made.
 Circular No. 20: Preventive Vaccination against Black Leg.
 Facts about Milk. (Farmers' Bulletin No. 42.)
 Sewage Disposal on the Farm and the Protection of Drinking Water. (Farmers' Bulletin No. 43.)
 Standard Varieties of Chickens. (Farmers' Bulletin No. 51.)
 The Dairy Herd: Its Formation and Management. (Farmers' Bulletin No. 55.)
 Butter Making on the Farm. (Farmers' Bulletin No. 57.)
 Operations of the Bureau of Animal Industry. (Senate No. 45, Fifty-fourth Congress, second session.)
 Map showing the boundary line of the district infected with splenic or southern fever of cattle. (February, 1897.)

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 ending June 30, 1897. (a)

	Salaries.	Traveling.	Miscellaneous.	Total.
Miscellaneous expenses at Washington	\$687.38	\$573.18	\$2,123.96	\$3,384.52
Meat and microscopic inspection	463,185.83	2,306.12	32,730.32	498,222.27
Export cattle inspection	62,466.55	679.15	3,557.11	66,702.81
Scientific investigations	1,460.42	1,146.67	16,829.06	19,436.15
Dairy Division	1,175.88	1,156.19	2,323.20	4,655.27
Import cattle inspection	7,282.30	1,213.69	-----	8,495.99
Collecting information	1,603.43	806.94	.35	2,410.72
Southern cattle inspection	30,811.24	4,979.30	733.62	36,524.16
Total	568,673.03	12,861.24	58,297.62	639,831.89

a Including vouchers paid to October 1, 1897.

List of persons employed and paid from appropriation for the Department of Agriculture, salaries, Bureau of Animal Industry, for the fiscal year ending June 30, 1897.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON.									
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. Moore.....	Chief, pathological division.....	May 15, 1895	Sept. 30, 1896		2,250				
V. A. Nørgaard.....	do	Nov. 1, 1896			2,250				
Pierre A. Fish.....	Assistant, pathological division.....	Sept. 1, 1895	Sept. 16, 1896		1,300				
Thos. B. Reamy.....	do	July 1, 1893			840				
E. A. de Schweinitz.....	Chief, bio-chemic division.....	July 1, 1895			2,250				
Marion Dorset.....	Assistant in bio-chemic division.....	Aug. 1, 1894			1,300				
James A. Emery.....	do	Aug. 1, 1895			1,200				
W. S. Stamper.....	do	July 1, 1895			720				
A. M. Farrington.....	Chief miscellaneous division.....	Aug. 16, 1895			2,000				
Ch. Wardell Stiles.....	Zoologist.....	July 1, 1896			1,800				
E. C. Schroeder.....	Veterinary inspector.....	July 1, 1894			1,800				
Chas. F. Dawson.....	do	July 1, 1895	Oct. 31, 1896		1,800				
Do.....	do	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				
Chas. M. Daugherty.....	Clerk.....	Dec. 16, 1896	Apr. 1, 1897		1,800				
H. H. Gerdes.....	do	Aug. 16, 1895	Mar. 31, 1897		1,600				
Do.....	do	Apr. 1, 1897			1,800				
Do.....	do	July 1, 1896			1,400				
Andrew J. Olin.....	do	Apr. 1, 1897	May 31, 1897		1,600				
Mary Sullivan.....	do	July 1, 1894	Mar. 31, 1897		1,200				
Do.....	do	Apr. 1, 1897			1,400				
F. N. Gregory.....	do	Apr. 19, 1894	Apr. 1, 1897		1,200				
Mary T. Dent.....	do	Mar. 1, 1893			1,200				
Joseph Abel.....	do	July 1, 1896			1,200				
M. H. Mahon.....	do	do			1,000				
Do.....	do	Apr. 1, 1897	Mar. 31, 1897		1,200				
Mary G. Marshall.....	do	Jan. 1, 1890			1,000				

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
WASHINGTON.										
Capital Traction Co						Street-car tickets				\$10.00
Holyoke Envelope Co						Envelopes, white				157.76
Z. D. Gilman						Camphor				1.30
Adams Express Co						Expressage				146.47
United States Express Co						do				101.86
Herman Baumgarten						Official badges				8.00
I. Clark Seaman						Typewriter and letter paper.				346.95
Western Union Telegraph Co.						Telegrams				101.68
J. Baumgarten & Sons						60 silver badges				66.00
Library Bureau (Boston)						5,000 index cards				8.79
E. F. Herring						Medical and surgical directory.				7.25
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.						Transportation, Melvin			\$8.25	
Baltimore & Ohio R. R. Co.						do			25.50	
Erie R. R. Co.						do			4.00	
Chesapeake and Ohio Rwy. Co.						do			14.00	
Louisville, New Albany and Chicago Rwy. Co.						do			5.00	
W. H. Lowdermilk & Co						Diseases of the Horse (50 copies).				20.00
Brentanos						Report Bureau of Animal Industry, 1891 (200 copies).				16.00
The Chicago and Alton R. R. Co.						Transportation			7.50	
Kansas City and St. Joseph R. R. Co.						do			5.85	
Louisville, Evansville and St. Louis R. R. Co.						do			8.00	
The Geo. W. Knox Express Co.						Expressage				1.46
R. Carter Ballantyne						Cap files				2.90
The Springfield Envelope Co.						Envelopes, white				5.20
Chicago and Northwestern Rwy. Co.						Transportation			12.50	

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
WASHINGTON—continued.									
Wash B. Williams.....									\$2.52
The Lawyers' Cooperative Publishing Co.....									12.00
Geo. E. Howard.....	Special agent.....	Apr. 17, 1897	June 17, 1897	a \$150.00			\$300.00	\$103.78	449.20
The R. H. Smith Manufacturing Co.....									8.00
The White, Corbin & Co.....									9.60
G. E. Stechert.....									1.60
J. H. Chesley.....									95
Wyckoff, Seamans & Benedict.....									19.75
Postal-Telegraph Cable Co.....									33.84
G. T. Matthews.....									1.00
L. E. Waterman.....									3.50
The Maurice Joyce Engraving Co.....									.50
Jno. C. Parker.....									50.68
The Phonographic Instrument Co.....									7.00
W. B. Moses & Sons.....									15.75
Hannibal H. Chandler & Co.....									1.00
Louise Taylor.....	Special expert assistant.....	Apr. 8, 1897	Apr. 30, 1897	a 60.00			32.00		
Wm. C. Shimonck.....	Messenger.....	Apr. 3, 1897	do	\$720			55.38		
W. W. Carson.....	Special agent.....	Dec. 1, 1896	Mar. 1, 1897	a 100.00			300.00		499.95
D. E. Salmon.....									116.21
G. M. Brumbaugh.....									121.39
A. D. Melvin.....									93.25
W. E. Cotton.....									27.95
Chas. B. Murray.....									5.00
Rural Publishing Co.....									1.00
Pennsylvania R. R. Co.....									20.00
Total.....							687.38	573.18	2,123.96
Dairy division.									
Henry E. Alvord.....	Chief dairy division.....								605.40
R. A. Pearson.....	Assistant chief.....								220.42
J. H. Monrad.....	Special expert agent.....	Jan. 11, 1897		a 100.00			567.74	72.10	71.23

Jno. Gould	do	Apr. 10, 1897	a 100.00		301.07	
Geo. M. Whittaker	do	do	a 100.00	Photographs and negatives.	301.07	
Wm. H. Healey	do	do	6.00	do	6.00	9.00
Fredk. S. Weatherhead	do	June 15, 1897		Drayage		8.06
Auret N. Lyman				Transportation, Alford.		1.22
Geo. W. Knox Express Co.				do	1.50	
Rio Grande Western Rwy. Co.				do	36.00	.60
Pennsylvania R. R. Co.				do	69.45	6.06
Northern Pacific R. R. Co.				do	31.50	5.00
Chicago, Milwaukee and St. Paul Rwy. Co.				Book supports.		20.00
The Dairyman's Supply Co.				Butter color		923.84
Baker & Hamilton				do		
H. E. Lovejoy				Photograph negatives.		
The Public Printer				1,000 copies Statistics of the Dairy, 10,000 copies Bulletin 15, 10,000 Bulletin 17.		
People's Dispatch Co.				Freight		3.79
Benj. D. Gilbert				Butter color		5.50
C. Thompson				224 gallons milk		6.30
W. D. Chandler				Photograph negatives		60.00
C. F. Goodrich				Preparation of Practical Butter Making.		50.00
Office Specialty Manufacturing Co.				Cases and indexes.		7.20
Eraston & Rupp				Keystone files		7.50
Wyckoff, Seamans & Benedict.				Repairing typewriter		.50
Dennison Manufacturing Co				1,000 tags		4.50
International Navigation Co				Freight on butter		126.30
The J. F. W. Dorman Co.				12 stencils		6.15
Waite & Parkhurst				Butter tubs and boxes		10.75
Creamer Package Manufacturing Co.				Butter boxes		7.80
Elgin Butter Tub Co.				Butter boxes and tubs		5.54
W. A. Pease				405 pounds butter		89.10
C. H. Waterhouse				342 pounds butter		87.36
R. F. Jaynes				243 pounds butter		65.30
Chas. F. Curtiss				Creamery butter		304.29
Simpson, McIntyre & Co.				Butter and freight		76.46
The Smith Premier Typewriter Co.				Rubber cover for typewriter.		1.00
Wash. B. Williams				Window shades		6.30
Star Lake Cooperative Dairy Association.				1,007 pounds butter		133.42
The Hesston Creamery Co.				1,496 1/2 pounds butter.		209.51
W. B. Moses & Sons				1 chair		3.60

a Per month.

Codman & Shurtleff	Forceps	2.18
W. A. Pate	10 barrels lime	9.85
The McDermot Carriage Co.	Buggy and harness	148.00
Danenhower & Co.	Feed, ryestraw, and baled hay	1,879.41
W. M. Galt & Co.	Feed, oats, bran, and rock salt	723.00
Bausch & Lomb Optical Co.	Incubator	53.78
Ernest Betz	Repairing oil cans	3.50
Jno. B. Daish	Coal	154.50
Ehmer & Amend	X-ray tubes	297.22
G. E. Stechert	Scientific books	232.17
Lansburg & Bro	Toweling	10.64
Kate F. Spencer	Hemming towels	2.50
The Chesapeake and Potomac Telephone Co.	Telephone service	148.76
Minnis & Martyn	Stovepipe	4.50
Rufus P. Clarke	Barbour's thread	1.03
Geo. W. Holland	Hose clamps and washers	2.00
The Public Printer	Bulletins and circulars	185.92
Melville Lindsay	.225 feet hose	18.00
San Antonio and Aransas Pass Rwy. Co.	Transportation, Norgaard	42.20
Geo. A. Sheehan	Lumber	489.89
Standard Oil Co.	Kerosene oil	9.45
F. P. May & Co.	Files	93
N. Murray	Medical Journal, vol. 1	4.00
Geo. S. Davis	Index Medicus, 16 numbers	16.00
M. E. Kahler	Brake on Ruhmkorff coil	9.50
Alex. Schmid	5 dozen file jackets	12.48
Whitall, Tatam & Co.	Prescription bottles	21.20
Queen & Co., Incorporated	X-ray tubes	19.78
Royce & Marean	Electric appliances	6.11
H. K. Mulford & Co.	50 guinea pigs	5.00
American White Lead and Color Works	30 pounds putty	.45
Courad Becker	Harness and saddle pad	23.25
E. Perronitto	10 bottles vaccine	1.82
Agnes Hale	Hemming towels	2.50
Lemcko & Buechner	Scientific books	31.34
James B. Lambie	Hardware	3.35
Baltimore and Ohio R. R.	Transportation	46.80
Martin H. Carroll	1 pig for experiment	8.00
E. J. Pullman	Photographic plates and paper	7.02
Robt. H. Troy	Cotton-seed cake	3.25
Chas. Lentz & Sons	Sharpening microtome knives	10.50
D. A. Armstrong	1 copper fine extinguisher	12.50
F. W. McNeal	3,000 gummed labels	1.23
Pasteur Vaccine Co., Limited	2 syringes	8.00

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
WASHINGTON—continued.									
Scientific investigations— Continued.									
Hugh Reilly						Window glass			\$4.48
Tyree & Fitch						Medicines for experiment.			6.95
Chas. Becker						6 paint brushes			1.02
Geo. F. Muth & Co.						Paints, oils, and brushes.			12.19
Francis Miller						40 gallons linseed oil.			16.40
W. H. Moffat						1 pump, and cleaning well			22.60
M. B. Lonergan						Photographs of scabby sheep.			3.00
A. A. Tibbits						do			2.75
Goodyear Rubber Co.						Diagnosis bags.			30.90
Ernest Leitz						Microscope and accessories.			172.55
Claude M. Thomas						Egyptian cotton-seed cake			17.39
Jno. H. Wilkerson						Inspecting steam boiler			5.00
Kennedy & Du Perow						Repairing speaking tube.			5.25
L. H. Hopkins						Wire gauze			6.46
Tennessee Cotton Oil Co.						Cotton-seed meal and bran			48.50
S. J. Haislett						Awning			5.00
Wyckoff, Seamans & Bondick						Cabinet and case.			30.10
The Geo. W. Knox Express Co.						Drayage			20.46
Max F. Foerster						Services	\$56.75		
Missouri, Kansas and Texas Rwy.						Transportation, Nørgaard		\$22.75	
Texas and New Orleans Rwy. Co.						do		36.30	
W. E. Clark & Co.						Scythes, forks			5.20
W. J. Brook & Co.						1 Wilson mill			14.00
P. Mann & Co.						20 gallon caldron			17.60
Charles Belt						Building eastern			140.00
J. H. Hobson						Building laboratory and breeding house.			2,965.84
A. Liantard						Scientific books.			3.00
The Evening Star Newspaper Co.						Advertisement			2.48
W. E. Dewitt						Digging well and tubing.			337.50

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.
SOUTHERN CATTLE INSPECTION.								
<i>East St. Louis.</i>								
A. W. Crawford	{Live-stock agent {Stock examiner	Apr. 1, 1894 Apr. 1, 1897	Mar. 31, 1897		\$1,200		\$819.22	
Jesse H. Odell	{Live-stock agent {Stock examiner	Feb. 15, 1895 Apr. 1, 1897	Mar. 31, 1897 May 31, 1897		1,200 900		728.57	
John F. Schierman	{Live-stock agent {Stock examiner	Jan. 1, 1894 Apr. 23, 1897	Apr. 22, 1897		1,200 900		563.35	
James Irwin	Stock examiner	June 15, 1897	June 14, 1897		1,000		162.64	
James Ford	Tagger	Sept. 28, 1896	Nov. 27, 1896		720		93.86	
Sydney R. Ingham	Laborer	Sept. 11, 1896	Nov. 15, 1896		\$2.00		130.00	
<i>Kansas City.</i>								
Albert Dean	Live-stock agent	Jan. 1, 1894			1,800		1,800.00	\$213.86
Chas H. Blomer	Assistant inspector	Aug. 16, 1895			1,200		1,200.00	981.53
Saml. J. Agnew	Live-stock agent	Dec. 1, 1895	Apr. 30, 1897		1,400		1,165.40	
Abram M. Adams	Assistant inspector	Feb. 12, 1897			1,200		1,050.01	3.30
Jos. Brusor	Live-stock agent	Jan. 1, 1894			1,400		436.63	216.93
Harry B. Adair	Assistant inspector	Oct. 1, 1896			1,200		400.00	224.55
W. E. Hill	Live-stock agent	Jan. 1, 1894	Feb. 15, 1897		1,200		753.30	208.11
Jno. C. Jenkins	do	do			1,200		899.98	61.10
Peter I. Kershner	Assistant inspector	Feb. 3, 1897			1,200		1,200.00	535.71
De N. Jewett	Live-stock agent	Jan. 1, 1894			1,200		450.01	
Wm. D. Jordan	do	do			1,200		403.30	187.63
H. C. Keeling	Assistant inspector	Feb. 15, 1894	Nov. 15, 1896		1,200		1,200.00	101.65
F. T. Shannon	Live-stock agent	July 15, 1895			1,200		450.01	186.39
Alexander Lobb	do	Feb. 15, 1894			1,200		496.70	342.75
Philip H. Moore	Assistant inspector	Jan. 1, 1894			1,200		1,200.00	75.25
Geo. C. Moser	Live-stock agent	Jan. 21, 1897			1,200		167.40	409.12
Dan McCunningham	do	do			1,200		450.01	
J. O. McKee	Inspector	Feb. 15, 1894	Jan. 15, 1897		1,200		22.83	
Wingate Jackson	do	Sept. 1, 1893	July 6, 1896		1,200		753.30	
T. L. J. Shields	Live-stock agent	Feb. 15, 1894	Feb. 15, 1897		1,200		450.01	145.70
James Wilson	do	do	Jan. 15, 1897		900		900.00	
Thos. P. Barbour	Stock examiner	May 1, 1895			900		900.00	220.20
W. N. D. Bird	do	Mar. 15, 1895						

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
SOUTHERN CATTLE INSPECTION—continued.									
Miscellaneous—Continued.									
Nelson P. Hinkley						Repairing "Texas cattle" stamps			\$1.50
James W. Davis						Horse and buggy hire			30.00
Total							\$30,811.24	\$4,979.30	733.62
EXPORT CATTLE INSPECTIONS.									
Portland, Me.									
F. W. Huntington	Inspector	June 1, 1896			\$1,200				4.00
Fred. W. Sergeant	Laborer	Dec. 1, 1896			\$2.00				3.50
New York Stencil Works									
Boston, Mass.									
Daniel D. Lee	Inspector	Sept. 1, 1893			2,000				38.70
Geo. W. Pope	Assistant inspector	Nov. 11, 1895			1,200				
Thomas Coyle	Stock examiner	Jan. 1, 1894			1,000				
Jno. P. Freeman	Clerk	Nov. 6, 1893			1,000				
Frank N. Brown	Tagger	Jan. 8, 1896			720				
L. L. Ballard	do	Mar. 1, 1892			720				
Wm. J. Corbett	do	Feb. 1, 1896			720				
Patrick F. Murphy	do	Sept. 15, 1893			720				
John Shannon	do	Mar. 1, 1892			720				
Cyrus K. Small	do	Jan. 8, 1896			720				
Frank E. Frawel	do	Oct. 1, 1895			720				
Jos. F. Dean						Office rent			480.00
New England Telegraph and Telephone Co.						Telephone			136.95
Wm. E. Pratt Manufacturing Co.						Hog rings and ringers			14.32
Boston Gaslight Co.						Gas			8.20
Francis Doane & Co.						3 letter files			2.25
Boston and Albany R. R. Co.						Freight on tags			2.24
New York Stencil Works						Metal tags			36.00
Boston Gas Appliance Exchange.						Gas-burner			2.25

New York, N. Y.

W. H. Rose.....	Veterinary inspector	Sept. 1, 1893	2,600	2,600.00	180.35
Henry Brister.....	do	July 15, 1892	1,600	1,600.00	
R. R. Letts.....	do	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	
Chas. F. Cramer.....	Tagger	May 1, 1896	720	720.00	
Edw. L. Flannery.....	do	Feb. 1, 1896	720	720.00	
George Messemmer.....	do	Sept. 15, 1893	720	720.00	
Chas. J. Munzing.....	do	Nov. 6, 1893	720	720.00	
Geo. E. Schumacher.....	do	Feb. 6, 1896	720	720.00	
Chas. T. Hoey.....	Tagger	June 18, 1894	720	720.00	
Wm. Foley.....	Stock examiner	Jan. 1, 1894	1,000	1,000.00	500.00
James Stokeman.....					200.15
New York Telephone Co					5.15
Unz & Co.					13.50
Wm. E. Pratt Manufacturing Co.					35.00
New York Stencil Works					7.00
Samuel Laikow.....					6.50
Frank J. Finley.....					
<i>Philadelphia, Pa.</i>					
Edw. H. Flood.....	Inspector	July 1, 1896	1,600	600.02	12.65
George Carter.....	Stock examiner	Jan. 1, 1894	1,000	1,000.00	
Michael J. Lenahan.....	Tagger	June 1, 1893	720	250.49	
Wm. H. Ervin.....	Laborer	Nov. 5, 1896	2.00	18.00	
Septimus Harris.....	do	June 30, 1897	2.00	14.00	
Wm. J. Haughey.....	do	Aug. 22, 1896	2.00	112.00	
Daniel Mount.....	do	do	2.00	8.00	
Joseph Watson.....	do	June 18, 1896	2.00	22.00	
Chas. A. Schaulfer.....	do	do	2.00		11.38
<i>Baltimore, Md.</i>					
H. A. Hedrick.....	Inspector	July 16, 1893	1,600	1,600.00	40.32
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. Eisenrich.....	do	Mar. 15, 1894	720	720.00	
Carroll Ensor.....	do	Mar. 16, 1894	720	569.67	
Wm. J. Sullivan.....	do	Aug. 14, 1893	720	720.00	
Nichl. W. Tegges.....	do	Apr. 16, 1893	720	569.67	
John Kuper.....		Apr. 15, 1897			125.00
The Chesapeake and Potomac Telephone Co					78.00
New York Stencil Works					26.25
Wm. E. Pratt Manufacturing Co.					13.77
Geo. F. Muth & Co.					.60
Baltimore and Ohio R. R. Co.					1.98

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
EXPORT CATTLE INSPECTION—continued.										
<i>Norfolk and Newport News, Va.</i>										
Geo. C. Faville	Inspector	Dec. 15, 1893			\$1,400				\$34.35	\$8.75
Sol. Miller	Stock examiner	May 1, 1894			1,000					
Jos. M. Turner	do	Mar. 10, 1896			900					
Walter E. Stoner	Tagger	Apr. 7, 1897			720				2.10	
Wm. E. Pratt	Manufacturer- ing Co.									1.89
Umstadtter-Myers Co										21.80
J. A. Turner & Co										24.00
<i>Pittsburg, Pa.</i>										
Harry N. Waller	Assistant inspector	June 1, 1895			1,200					
Geo. Cromley	Laborer	June 1, 1896			\$2.00					
Walter J. Moran	do				2.00					
Wm. Miller	do				2.00					
Wm. E. Pratt	Manufacturer- ing Co.									4.50
Michigan Central R. R.										.41
<i>Buffalo, N. Y.</i>										
Nelson P. Hinkley	Inspector	Aug. 1, 1893			1,800					
Bern. P. Wende	do	Sept. 11, 1893			1,400					
	do	Apr. 16, 1894			1,200					
Louis A. Robinson	do	Jan. 3, 1897	Dec. 31, 1896		1,400					
Albert H. Hoyt	Clerk	May 1, 1893			1,000					
Jno. L. Grobe	Stock examiner	Dec. 2, 1895			900					
Albert W. Meyer	do	Feb. 15, 1896			900					
Henry L. Riegan	do				900					
Frank J. Danahy	Tagger	May 1, 1893			720					
John Mazurowski	do	July 10, 1893			720					
Wm. J. Carroll	do	Apr. 16, 1894			720					
Jas. F. Hughes	do	Feb. 1, 1896			720					
Frank J. Gilmore	do				720					
Ransom Hinkson	do	Apr. 25, 1896			720					
Ernest F. Slater, Jr.	do	Dec. 7, 1896			720					

Wm. A. Rushworth	Assistant inspector	Dec. 15, 1896	Apr. 30, 1897	1,200	454.33	
Fredk G. Farr	Laborer	Feb. 23, 1897		1,200	46.00	
Jno. P. O'Leary	Assistant inspector	Feb. 1, 1896			201.10	23.96
Nelson P. Hinkley	New York Stencil Works					300.00
Wm. E. Pratt Mfg. Co.	New York Stencil Works					8.75
						13.78
<i>Chicago, Ill.</i>						
Frank T. McMahon	Inspector	Oct. 1, 1893	July 31, 1896	1,600	134.80	.95
O. J. Langan	do	Nov. 1, 1895	Jan. 16, 1897	1,400	464.20	
C. H. Zink	Assistant inspector	June 1, 1896		1,200	697.80	
Wm. C. Homan	Live-stock agent	Jan. 1, 1894		1,200	502.18	49.21
Benj. S. Paddock	do	Jan. 1, 1894		900	897.50	22.05
Jas. V. De Vine	do	do		900	892.59	
Arda Watson	do	do		900	900.00	
Jno. F. Kelly	Stock examiner	June 30, 1895		900	895.14	
Michl. J. Quirk	do	Jan. 16, 1895		900	895.14	
Max Wolf	Clerk	Feb. 1, 1896		1,000	1,000.00	
Harry H. Cofoid	Tagger	Nov. 18, 1895		720	60.60	
W. F. Fish	do	Jan. 8, 1895		720	60.60	
Pak. H. Griffin	do	July 17, 1893		720	720.00	
Jeremiah Holland	do	June 12, 1894		720	720.00	
John Jones	do	Nov. 6, 1893		720	720.00	
Michl. M. Murray	do	Dec. 15, 1893		720	423.60	
Richard Walsh	do	June 1, 1894		720	720.00	
Union Stock Yards and Transit Co.	do					180.00
Frank Kapple & Co.	do					2.00
Wm. E. Pratt Manufacturing Co.	do					138.15
New York Stencil Works	do					400.75
W. S. Devoe	do					2.10
The Mearle & Heaney Manufacturing Co.	do					7.40
<i>Miscellaneous.</i>						
W. H. Wray	Veterinary inspector	Feb. 1, 1894		2,000	4,562.50	101.55
J. F. Ryder	do	Oct. 1, 1892	12.50		435.00	74.88
Asa N. McQueen	do	Feb. 8, 1892	5.00		2,000.00	435.00
New York Stencil Works	do				210.00	57.60
J. H. Chesley & Co.	do					1.00
Baltimore and Ohio R. R.	do					278.25
						7.20
						2.41
Total					62,406.55	3,557.11

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
MEAT INSPECTION.										
<i>Portland, Me.</i>										
Fred. W. Huntington	Inspector	June 1, 1896			\$1,200	Interstate meat-inspection stamps.	\$498.90			\$2.30
Chas. O. Brockway										
<i>Somerville, Mass.</i>										
Daniel D. Lee	Inspector	Nov. 20, 1893			1,200.00	Office expenses.	1,200.00			9.60
Wm. M. Balmer	do	Dec. 1, 1894			900		897.50			
Wm. P. Cherrington	Stock examiner	Feb. 1, 1896			900		897.58			
Phillip J. Fanning	do	Jan. 1, 1894			900		872.81			
Thos. Mulligan, jr.	do	Sept. 28, 1891			720		720.00			
Frank H. Burleigh	Tagger	Feb. 1, 1891			720		707.94			
Henry W. Busted	do	Jan. 8, 1896			720		654.68			
Geo. H. Oliver	do	Dec. 21, 1891			720		481.30			
Cyrus K. Small	do	Nov. 18, 1895			720		720.00			
Wm. H. Tozier	do	Sept. 16, 1895			1,200		710.00			
Geo. D. Warner	Inspector (assistant)	Apr. 14, 1897			1,200		300.00	\$14.00		
Edw. P. Dowd	do	Oct. 1, 1895			1,200		257.14			
Jno. G. Slee	Tagger	Apr. 23, 1894			600		61.40	20.00		
Frank R. Fravel	Assistant microscopist	Nov. 24, 1896			600		564.12			
Kate A. Abbott	do	June 1, 1894			600		353.59			
Eva M. Chickering	do	Nov. 24, 1896			600		552.27			
G. H. Ellison	do	Jan. 5, 1893			600		353.63			
Carrie I. Ellsworth	do	Feb. 1, 1894			600		536.17			
Emma H. Ellsworth	do	July 16, 1893			600		532.98			
Anna Erickson	do	Jan. 16, 1893	Aug. 31, 1896		600		549.28			
Alice M. Frye	do	Dec. 12, 1892			600		75.00			
Abbie F. Gage	do	Nov. 24, 1896			600		554.28			
Nellie I. Garity	do	do			600		179.84			
Violet A. Hall	do	do			600		236.58			
Clara La Freniere	do	Nov. 1, 1893			600		425.58			
Mary F. Langdon	do	Sept. 28, 1891			600		552.84			
Mabel F. Lowe	do	June 24, 1895			600		556.04			
Mary E. Macloskey	do	May 1, 1894			600		489.23			
Nellie F. Marks	do	May 14, 1894			600		572.30			
Flora M. Parrish	do	Dec. 1, 1894	July 31, 1896		600		30.98			
Mabel M. Sedgwick	do	Nov. 24, 1896			600		353.66			
Cora L. Seeley	do	Dec. 26, 1892			600		567.60			

Margaret V. Slater	do	Apr. 23, 1894	600	379.81	
Florence I. Turner	do	do	600	562.29	
Carloffa L. Ward	do	May 1, 1894	600	528.69	
Grace B. Wheeler	do	May 14, 1894	600	550.90	
Etia L. Williams	do	Nov. 1, 1891	600	560.70	
Chas. Bullard	do	Oct. 1, 1894	1,400	1,396.18	
Bay State Clean Towel Fur-	Microscopist				
ishing Co.					78.89
The Denny Tag and Envel-					
ope Co.					35.00
Dennison Manufacturing Co.					30.00
Aaron R. Gay & Co.					5.96
Boston and Maine R. R. Co.					.91
Chas. O. Brockway					116.50
<i>New York, N. Y.</i>					
R. W. Hickman	Inspector	Sept. 1, 1893	2,000	2,000.00	4.47
E. A. Parsons	do	Feb. 15, 1894	1,200	1,200.00	
Jas. H. Perster	Veterinary inspector	Apr. 15, 1891	1,400	1,400.00	
Louis P. Cook	Assistant inspector	May 1, 1896	1,200	1,200.00	
Wilbur J. Murphy	do	Dec. 2, 1895	1,200	1,200.00	
W. J. Reagan	do	Jan. 1, 1896	1,200	1,200.00	
Ernest J. Volgrenan	do	Dec. 2, 1895	1,200	1,114.29	
W. A. Willard	Clerk	Sept. 1, 1893	1,200	1,200.00	
Eph. Dietrich	do	May 1, 1896	900	900.00	
Theo. Kanter	Stock examiner	Nov. 11, 1895	900	900.00	
Henry Schaurer	do	Dec. 9, 1895	900	900.00	
Geo. A. Sheldon	do	Feb. 1, 1896	900	900.00	
J. F. Butterfass	do	Mar. 2, 1896	720	720.00	
Wallace M. Gill	Tagger	June 29, 1896	720	720.00	
Fred J. Goebel	do	Sept. 7, 1891	720	720.00	
Ino. J. Haggerty	do	Mar. 2, 1896	720	720.00	
Wm. N. Hutchinson	do	Nov. 24, 1895	720	434.30	
Jno. F. Luepke	do	May 23, 1895	720	720.00	
Saml. E. Lusk	do	Nov. 24, 1896	720	434.30	
Wm. H. Molineux	do	Jan. 8, 1896	720	646.62	
Henry Schopp	do	Sept. 15, 1893	720	710.27	
Stephen A. Selby	do	Dec. 2, 1895	720	718.00	
Howard W. Thomas	do	May 7, 1897	720	92.93	
Louis Abel	do	Oct. 1, 1896	1,200	89.01	
Alexandrina Dieck	Assistant inspector			120.00	
Jno. Broderick	Janitress				168.00
New York Telephone Co.					243.25
Chas. O. Brockway					46.10
Dennison Manufacturing Co.					132.00
Chicago Car Seal and Manu-					285.00
facturing Co.					24.00
G. W. Gregory					1.85
Jno. Bingham					
<i>a</i> Transfer.					
<i>b</i> Per month.					
Tag fasteners					
Duplicate tags and checks					
Copying press and outfit					
Freight					
Interstate meat-inspec-					
tion stamps					
Office rent					
Telephone rental					
Interstate meat-inspec-					
tion stamps					
Meat-inspection tags					
Car seals, wire, and lead					
Coal					
Ink and mucilage					

a Transfer.

b Per month.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.					
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.		
MEAT INSPECTION—cont'd.											
<i>New York, N. Y.—Cont'd.</i>											
M. Weiss	Star Union Line										\$10.15
New York, Chicago and St. Louis, and West Shore railways.											11.55
Metropolitan Steamship Co.											9.55
<i>Pittsburg, Pa.</i>											
Harry N. Waller	Assistant inspector.	June 1, 1895			\$1,200				\$539.83		15.82
Wm. H. Kearfott	Stock examiner	Oct. 1, 1895			900				281.69	\$14.85	
Wm. A. Skinner	Tagger	Nov. 18, 1895			720				180.00	33.00	
Geo. B. Martin	do.	Mar. 1, 1895			720					8.00	
<i>Buffalo, N. Y.</i>											
Nelson P. Hinkley	Inspector	Aug. 1, 1893								85.66	45.35
Louis Abel	Assistant inspector	Oct. 1, 1896	June 5, 1897		1,200				801.19		
Louis K. Green	do	do			1,200				886.81		
Jno. P. O'Leary	do	Feb. 1, 1896			1,200				963.03	10.75	
Wm. A. Rushworth	do	Dec. 15, 1896			1,200				201.10	4.75	
Harrison L. Newton	Stock examiner	Nov. 8, 1894			900				900.00		
Michl. Chojnacki	Tagger	Apr. 16, 1894			720				717.94		
Michl. Justinger	do	July 1, 1893			720				720.00		
E. L. Volgenan	Assistant inspector	Dec. 2, 1895			1,200				85.71		
Jno. L. Grobe	Stock examiner	do			900				748.40		
Albert W. Meyer	do	Feb. 15, 1896			900				748.40		
Henry L. Rleman	do	do			900				748.40		
Johanna Greiner	Janitress and box washer	May 29, 1896							360.00		
Thos. Castor	Assistant inspector	Apr. 1, 1897			600				286.70		
Emma Becker	Assistant microscopist.	Aug. 1, 1892			600				492.10		
Mary A. Clinton	do	July 10, 1893			600				246.00	21.25	
Kate Colgan	do	Aug. 6, 1894			600				485.79		
Lillian E. Farrell	do	July 10, 1893			600				492.29		
Mary A. Hamrahan	do	Sept. 11, 1893			600				508.78		
Mary F. Lannon	do	do			600				235.94	21.25	
Lizzie Liddle	do	Aug. 1, 1892			600				510.33		

Pearl Masten.....	do	Dec. 15, 1892	600	510.33	
Anna L. Moran.....	do	Aug. 1, 1892	600	508.63	
Nellie Nunan.....	do	July 10, 1893	600	242.61	21.25
Christina Podolska.....	do	Aug. 1, 1892	600	247.61	21.25
Wm. J. Carroll.....	Tagger	Apr. 16, 1894	720	479.40	
Chas. O. Brockway.....					37.56
Dennison Manufacturing Co					61.20
Francis McGherry.....					20.32
Lester E. Willyoung.....					280.00
Chicago Car Seal and Manu- facturing Co.					71.25
New York Stencil Works.....					5.25
Fitchburg R. R. Co.....					.38
<i>Jersey City, N. J.</i>					
Julius Hnelsen.....	Veterinary inspector	Mar. 10, 1888	1,400	1,400.00	47.79
Nathan K. Fegley.....	Assistant inspector	June 8, 1896	1,200	1,183.52	
Immanuel Due.....	Clerk	Mar. 2, 1896	900	900.00	
Geo. B. Rose.....	Stock examiner	Jan. 1, 1894	1,000	1,000.00	
Geo. J. Hoerner.....	Tagger	May 1, 1895	720	720.00	
Jno. McCullough, jr.....	do	Jan. 8, 1896	720	684.00	
Jno. Purcell, jr.....	do	Sept. 1, 1893	720	720.00	
Thomas Shea.....	do	July 17, 1893	720	720.00	
Dennison Manufacturing Co					105.60
Chicago Car Seal and Manu- facturing Co.					148.20
Old Colony Steamboat Co.....					.42
Metropolitan Steamship Co					.25
New York, Chicago and St. Louis and West Shore rail- ways.					4.61
New York, New Haven and Hartford R. R. Co.					.39
<i>Philadelphia, Pa.</i>					
Chas. A. Schafler.....	Inspector	Sept. 1, 1893	1,600	1,600.00	67.10
Edw. P. Dowd.....	Assistant inspector	Sept. 16, 1895	1,200	671.74	22.37
Jas. Johnston.....	do	Nov. 18, 1895	1,200	1,193.70	
Jno. McBirney.....	do	Oct. 1, 1895	1,200	228.29	
Burt W. Andrews.....	Clerk	May 2, 1896	900	512.62	
Wm. H. Kearfoot.....	Stock examiner	Jan. 27, 1897	900	281.25	
Wm. R. Reynolds.....	do	Nov. 9, 1896	900	877.77	
Jno. C. Callahan.....	Tagger	Dec. 2, 1895	720	684.55	
Lewis Dorn.....	do	June 16, 1893	720	720.00	
Frank R. Fravel.....	do	Oct. 1, 1895	720	575.70	
Alfred N. Pepperman.....	do	Jan. 23, 1896	720	714.18	
Thos. Reid.....	do	June 1, 1893	720	720.00	
Wm. A. Skinner.....	do	Nov. 18, 1895	720	256.31	

b Per month.

a Transfer.

Denny Tag and Envelope Co. <i>Indianapolis, Ind.</i>	Assistant inspector	Aug. 16, 1895	June 30, 1897	1,200				50,000 tag fasteners	430.45	2.20	15.06
Jos. C. Robert	do	June 1, 1896	Dec. 31, 1896	1,200					889.14	20.05	36.94
Thos. J. Turner	do	Jan. 23, 1897		1,200					516.73		
Wm. H. Netherland	Stock examiner	Jan. 1, 1894		900					900.00		
Jacob Fox	do	Apr. 16, 1894		900					875.40		
W. M. Hicklin	do	Feb. 19, 1894		900					900.00		
Geo. W. Koontz	do	Jan. 1, 1894		900					900.00		
Wm. L. Peggs	do	do		900					900.00		
Jas. W. Wampler	do	do		720					720.00		
Martin P. Grady	Tagger	June 12, 1894		720					720.00		
Chas. Bartholomew	do	Nov. 11, 1895		720					716.06		
Pat'k Killien	do	Nov. 8, 1894		720					720.00		
Matthew Quinn	do	Apr. 16, 1893		720					178.08		
Wm. A. Stimmer	do	Nov. 18, 1895		720					497.80		
Mary J. Bunker	Assistant microscopist	Jan. 29, 1894	Apr. 30, 1897	600					565.73		
Margaret Clarke	do	Apr. 16, 1894		600					845.97	32.40	
Alice M. Daugherty	do	Oct. 22, 1894	May 31, 1897	600							
Mary A. Egan	do	Oct. 1, 1894		600					596.70		
Nellie Holland	do	Nov. 8, 1894		600					322.68		
Elizabeth S. Hurst	do	Dec. 7, 1896		600					543.34		
Mary Lucid	do	Dec. 16, 1893		600					330.87		
Edua E. Mattox	do	Dec. 10, 1896		600					332.54		
Katherine H. Mara	do	do		600					340.76		
Pearl C. Miles	do	Dec. 7, 1896		600					437.00		
Flora F. Miller	do	Oct. 6, 1896		600					593.49		
Mary E. Ritclie	do	Nov. 23, 1894		600					600.00		
Ells A. Sullivan	do	Dec. 1, 1894		600					427.34		
Wilhelmina B. Tate	do	Oct. 8, 1896		600					143.56		
Nora Toomey	do	Dec. 16, 1893	Oct. 1, 1896	600					344.84		
Fiora A. Wakenfield	do	Oct. 7, 1896		600					16.48	10.50	
Mary B. Clark	do	Nov. 1, 1894		600					26.37		
Mary Evans	do	June 15, 1897		600					360.00		
Ora A. Brady	do	May 29, 1896		600					556.70	9.50	
Mary Morrison	Janitress and box cleaner	Sept. 16, 1895		1,200							207.40
Morris Wooden	Assistant inspector	do									
Chas. O. Brockway	do	do									57.85
Chicago Car Seal and Manufacturing Co.	do	do									2.41
Louisville, New Albany and Chicago Rwy. Co.											1.98
Star Union Line											.96
Wm. E. Pratt Manufacturing Co.											63.00
Dennison Manufacturing Co.											37.00
Badger Furniture Co.											30.00
Belt R. R. Stock Yard Co.											

50,000 tag fasteners

Intenstate meat inspection stamps.
Wire and lead ear seals
Freight on tags
Hog wringers
Meat-inspection tags
Desks and chairs
Office rent

b Per month.

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Indianapolis, Ind.</i> —Cont'd.									
Denny Tag and Envelope Co.									\$17.50
P. M. Hildebrand									5.50
<i>Cincinnati, Ohio.</i>									
A. G. Richardson	Inspector	July 1, 1896			\$1,400		\$1,377.21		14.45
Frank Canon	Stock examiner	Apr. 1, 1894	Apr. 1, 1897		900		523.30		
A. L. Hirleman	do	Mar. 10, 1896			900		900.00		
Robt. A. Broadhurst	Tagger	Jan. 1, 1896			720		714.18		
Patrick E. Quinn	do	Nov. 11, 1895			720		704.51		
Dennison Manufacturing Co.									28.40
Chicago Car Seal and Manufacturing Co.									49.40
Cincinnati, Hamilton and Dayton Rwy. Co.									.41
Star Union Line									.83
Chas. O. Brockway									4.60
<i>Louisville, Ky.</i>									
Albert J. Payne	Assistant inspector	June 1, 1895			1,200		697.83		1.15
Jno. E. Aldrich	Stock examiner	Mar. 10, 1896	Mar. 31, 1897		900		266.36	\$15.45	
Arthur H. Bibb	do	May 1, 1896			900		525.80	20.25	
Frank Canon	do	Apr. 1, 1894			900		225.00	7.30	
Chas. O. Brockway	do								11.70
Chicago Car Seal and Manufacturing Co.									14.25
Dennison Manufacturing Co.									4.40
Nathan Bensinger									23.50
Louisville, New Albany and Chicago Rwy. Co.									.23
Star Union Line									.65
<i>East St. Louis, Mo.</i>									
Jas. J. Brougham	Inspector	July 1, 1896			1,600		1,600.00		13.45

Elwin T. Davison	Assistant inspector	Sept. 7, 1896	1,200	978.26		
Frank L. De Wolf	do	Sept. 16, 1895	1,200	1,177.12		
Geo. Dittewig	do	Aug. 11, 1896	1,200	1,040.00		
Edw. F. Dowd	do	Sept. 16, 1895	1,200	228.21		
Joshua Miller	do	aSept. 8, 1896	1,200	133.71		
Wm. Thompson	do	aAug. 10, 1896	1,200	1,111.23		
Boyd Baldwin	do	aJune 14, 1897	1,200	32.87		
A. E. Bruton	Stock examiner	Feb. 15, 1895	900	900.00		
C. W. Drott	do	Oct. 1, 1895	900	808.55		
Wm. T. Flynn	do	Jan. 1, 1894	900	897.57		
Fred'k W. Herges	do	Oct. 1, 1895	900	818.38		
Geo. Sutlerland	do	Sept. 1, 1896	900	748.40		
Geo. H. Woolfolk	do	Nov. 12, 1894	900	900.00		
Wm. S. Crawford	do	Mar. 2, 1896	900	880.46		
E. S. Bennett	Clerk	Apr. 10, 1895	900	885.36		
Jos. G. Carr	Tagger	Feb. 15, 1895	720	717.94		
Wm. J. Doyle	do	Dec. 1, 1893	720	720.00		
Jas. Ford	do	Feb. 15, 1895	720	714.24		
Robt. Gray	do	do	720	420.60		
Geo. Markert	do	aJan. 1, 1896	720	29.35		
Frank O'Neill	do	aDec. 1, 1896	720	717.94		
Jos. A. Sancier	do	May 1, 1894	720	698.24		
Jos. Sullivan	do	Feb. 15, 1895	720	720.00		
St. Louis National Stock Yards.	do	do	720	637.24		
Chicago Car Seal and Manufacturing Co.				720.00		351.00
Dennison Manufacturing Co						1,425.00
Chas. O. Brockway						616.00
Chicago and Alton R. R. Co.						42.00
Vandalia Line						3.37
New York Stencil Works						30.97
Wm. E. Pratt Manufacturing Co.						10.50
Star Union Line.						.37
St. Louis, Mo.						
W. S. Cass	Inspector	Dec. 26, 1893	1,200	1,196.73		37.00
Chas. M. Day	Assistant inspector	Nov. 19, 1894	1,200	1,068.19		
Alf. W. Swedberg	do	Dec. 10, 1895	1,200	1,180.31		
Geo. H. Boughner	Live-stock agent	Apr. 15, 1895	900	810.32		
Adelbert G. Bibb	do	Nov. 16, 1896	900			
Saml. Frazee	Stock examiner	Mar. 1, 1896	900	887.50		
Wm. J. Doyle	do	Feb. 20, 1895	900	900.00		
Jas. Ford	Tagger	Feb. 15, 1895	720	299.40		
Matthew O'Keefe	do	Sept. 28, 1896	720	420.60		
	do	May 1, 1896	720	720.00		

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
MEAT INSPECTION—cont'd.										
St. Louis, Mo.—Continued.										
Chicago Car Seal and Manufacturing Co.										\$323.50
Dennison Manufacturing Co.										154.00
Wm. E. Pratt Manufacturing Co.										1.35
Chicago and Alton R. R. Co.										3.36
Vandalia Line										6.08
Star Union Line										7.80
New York Stencil Works										1.75
<i>Hannond, Ind.</i>										
Lewis R. Baker	Veterinary inspector.	Aug. 17, 1893		\$1,400	\$1,400.00					1.40
Fredk. Braginton	Inspector	May 16, 1893		1,400	1,400.00					
J. J. Young	Stock examiner	Jan. 1, 1894		900	895.10					
P. J. Golden	do	Apr. 1, 1896		900	900.00					
J. J. Molloy	do	June 27, 1895		900	900.00					
Thos. Hansen	Tagger	May 16, 1893		720	715.98					
F. P. Herron	do	June 27, 1895		720	720.00					
Jacob Leismann	do	May 16, 1893		720	720.00					
Jno. Summers	do	do		720	720.00					
W. H. Timmons	do	do		720	714.63					
Chas. Vandervoort	do	do		720	720.00					
Henry Wagner	do	June 22, 1891		720	720.00					
Walter Walsh	do	May 16, 1893		720	720.00					
Dennison Manufacturing Co.										220.00
Chicago Car Seal and Manufacturing Co.										475.00
Chas. O. Brockway										138.00
New York, Chicago and St. Louis E. R. Co.										4.35
The Pennsylvania R. R. Co.										17.65
<i>Chicago, Ill.</i>										
W. S. Devoo	Inspector	June 1, 1893		2,500	2,500.00					71.10
S. W. Burt	Veterinary inspector	June 6, 1892		1,400	1,400.00					\$73.25

Wm. A. Bruette	Inspector	July 1, 1896	1,400	1,312.14
Adolph M. Casper	do	Aug. 5, 1896	1,400	1,220.88
Jos. B. Clancy	do	Aug. 15, 1893	1,400	1,400.00
O. E. Dyson	do	May 1, 1894	1,400	1,400.00
J. G. Fish	do	Jan. 16, 1895	1,400	1,400.00
O. J. Lanigan	do	Jan. 16, 1897	1,400	1,027.44
E. L. Siggins	do	Sept. 1, 1893	1,400	1,400.00
Benj. S. Padlock	Live-stock agent	Nov. 1, 1896	1,200	296.68
Albert E. Behrke	Assistant inspector	Apr. 1, 1896	1,200	46.15
Onesimus G. Atherton	do	Nov. 10, 1896	1,200	769.58
Sam'l. E. Bennett	do	Jan. 15, 1896	1,200	401.10
Lowell Clarke	do	Jan. 1, 1897	1,200	600.00
James Fleming	do	Nov. 1, 1895	1,200	630.27
Hiram W. Hawley	do	Jan. 1, 1896	1,200	1,151.05
Ulysses G. Houck	do	Nov. 1, 1895	1,200	1,141.32
Jno. A. Kiernan	do	Sept. 15, 1896	1,200	590.03
Harry G. Moore	do	Nov. 10, 1896	1,200	762.99
Jno. McBirney	do	Jan. 1, 1896	1,200	110.88
Frank B. McCall	do	Oct. 1, 1895	1,200	717.89
Harry D. Paxson	do	Nov. 10, 1896	1,200	759.69
Niels C. Sorensen	do	Jan. 4, 1897	1,200	590.03
Walter J. Stewart	do	July 15, 1895	1,200	1,196.73
Robt. H. Treacy	do	June 15, 1896	1,200	1,177.20
Arthur R. Wake	do	Oct. 12, 1896	1,200	537.49
Morris Wooden	do	Nov. 18, 1895	1,200	1,160.90
Chas. H. Zink	do	Sept. 16, 1895	1,200	441.13
J. J. O'Malley	Stock examiners	June 1, 1896	1,200	492.90
Chas. Batting	Clerk	Nov. 1, 1895	900	525.80
B. A. Gallinger	do	Sept. 1, 1894	1,000	1,000.00
E. B. Luce	do	Jan. 1, 1896	1,000	994.49
Geo. V. McIntyre	do	Feb. 1, 1896	1,000	975.47
Leroy Scribner	do	do	1,000	840.64
Norman E. Adams	do	Dec. 15, 1893	1,000	1,000.00
W. J. Bennett	do	Dec. 15, 1896	840	447.23
Geo. Best	Stock examiner	Nov. 1, 1895	900	897.58
Edw. Brundige	do	Jan. 1, 1894	900	850.58
H. D. Burdick	do	do	900	900.00
Thos. G. Clark	do	Jan. 16, 1894	900	800.00
F. C. Cooley	do	Jan. 8, 1894	900	895.12
Bryan I. Conway	do	Jan. 1, 1894	900	897.57
Jas. J. Duffey	do	Nov. 1, 1895	900	900.00
Jas. Gardner	do	Jan. 1, 1894	900	877.71
Henry Grady	do	do	900	900.00
Geo. Grafton	do	do	900	890.09
Jas. Hale	do	June 27, 1895	900	887.70
Thos. F. Hanley	do	do	900	900.00
Geo. T. Hanton	do	do	900	900.00
				31.45

^a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
Chicago, Ill.—Continued.									
Wm. Harpst	Stock examiner	June 27, 1895			\$900		\$900.00		
Wm. P. Hekey	do	Feb. 15, 1894			900		900.00		
Demis Hurley	do	Aug. 1, 1895			900		815.70		
Jos. F. Jordan	do	Jan. 1, 1894			900		900.00		
Rein'd Kochanowski	do	do			900		151.60		
Jacob K. Skinner	Clerk	June 1, 1897			900		74.20		
Otho D. Kottz	Stock examiner	June 27, 1895			900		900.00		
Geo. Lunham	do	Jan. 1, 1894			900		900.00		
Richard E. Lyman	do	Apr. 23, 1894			900		300.78		
Wm. Mabry	do	Nov. 1, 1895			900		850.65		
Jas. A. Murphy	do	Jan. 1, 1894			500		897.57		
Jno. Murphy	do	Feb. 15, 1894			900		897.57		
Bernard McKoon	do	do			900		702.20		
Terence O'Brien	do	do			900		900.00		
J. J. O'Malley	do	Nov. 1, 1895			900		374.20		
Thos. O'Shaughnessy	do	Feb. 15, 1894			900		900.00		
W. S. Pidcock	do	Aug. 1, 1895			900		900.00		
G. W. Pierce	do	Jan. 8, 1894			900		900.00		
Wm. Proudfoot	do	Feb. 1, 1896			900		868.19		
Chas. W. Rowse	do	Nov. 11, 1895			900		900.00		
Jno. J. Ryan	do	Jan. 1, 1894			900		897.52		
Jno. W. Sarsfield	do	do			900		900.00		
Frank Schroeder	do	June 27, 1895			900		900.00		
Fredk. L. Simpson	do	do			900		895.03		
Jno. B. Sine	do	Jan. 1, 1894			900		870.62		
Saml. T. Smith	do	Jan. 16, 1894			900		900.00		
Arthur Stuart	do	Feb. 1, 1896			900		587.65		
Jno. Trainer	do	June 27, 1895			900		259.22		
Chas. O. Turner	do	Feb. 7, 1894		Sept. 15, 1896	900		877.82		
Wm. Umbach	do	Nov. 1, 1895			900		900.00		
Jno. Wallwork	do	May 1, 1895			900		887.50		
Fred. D. Waterman	do	Jan. 15, 1896			900		900.00		
H. B. Waller	do	Feb. 1, 1896			900		900.00		
H. D. Williams	do	June 27, 1895			900		897.52		
Geo. W. Wood	do	do			900		882.90		
Thos. J. Wade	do	July 1, 1896			900		895.12		
Theo. B. Zuendel	do	Nov. 1, 1895			900		900.00		
Wm. H. Baker	Tagger	May 1, 1896			7.20		382.00		

Wm. Cleveland	do	Jan. 1, 1892	720	576.06
Harry H. Cofoid	do	Nov. 18, 1895	720	449.95
Michl. J. Dinneen	do	Sept. 19, 1894	720	692.59
Jno. Fitzgerald	do	June 27, 1895	720	690.96
W. F. Fish	do	Jan. 8, 1895	720	105.80
Jas. A. Flanagan	do	May 23, 1895	720	720.00
Jas. Foley	do	July 17, 1893	720	717.94
Wm. Fox	do	Feb. 1, 1894	720	720.00
M. J. Fweidlme	do	June 8, 1896	720	694.53
Thos. R. Fugitt	do	Feb. 1, 1896	720	720.00
Jno. J. Garrity	do	Sept. 1, 1893	720	710.33
Albert E. Harris	do	May 1, 1893	720	710.32
Jas. Herriman	do	June 27, 1895	720	720.00
De L. Howard	do	Sept. 15, 1893	720	718.10
Herman Jacobus	do	June 27, 1895	720	121.20
Hubert Jones	do	May 1, 1893	720	714.00
Robt. G. Knipple	do	June 8, 1895	720	720.00
Jno. C. Lorenzen	do	June 27, 1895	720	700.40
Danl. Lynch	do	Aug. 15, 1893	720	720.00
Jno. C. Massie	do	Oct. 29, 1895	720	592.88
Michl. Metzger	do	Sept. 15, 1893	720	720.00
Wm. McKay	do	June 27, 1895	720	121.20
Michl. M. Murray	do	May 16, 1894	720	295.50
M. L. McMahon	do	June 27, 1895	720	682.59
Irving W. Pew	do	Jan. 8, 1896	720	708.32
J. C. Porterfield	do	May 16, 1894	720	698.62
Jas. M. Rainey	do	June 27, 1895	720	720.00
Ernest E. Rue	do	June 8, 1895	720	710.27
Wm. Ryan	do	July 17, 1893	720	710.22
Theo. Sauer	do	Aug. 15, 1891	720	720.00
Caspar J. Schmitt	do	May 1, 1896	720	720.00
I. Shortridge	do	Dec. 2, 1895	720	519.87
J. E. Troughton	do	Dec. 1, 1892	720	708.03
F. N. Trudelle	do	Aug. 16, 1894	720	720.00
Geo. A. White	do	June 24, 1895	720	714.18
Thos. A. Yohe	do	June 8, 1896	720	80.17
Wm. Hutton	do	Aug. 11, 1896	368.00	368.00
Wm. Gabriel	do	July 3, 1896	62.00	62.00
Hiram Grable	do	Sept. 1, 1896	2.00	514.00
Frank A. Paddock	do	Dec. 1, 1896	2.00	342.00
L. Enos Day	Assistant inspector	Apr. 15, 1897	2.00	253.85
E. Balzer	Microscopist	June 1, 1895	1,200	1,783.20
Nannie D. Althof	Assistant microscopist	Aug. 1, 1896	1,800	
Flora A. Ayers	do	Feb. 1, 1894	600	563.80
Ida Bamister	do	Nov. 25, 1894	600	555.52
Katie Barrow	do	Aug. 4, 1895	600	598.38
Mary K. Barry	do	Nov. 1, 1892	600	517.90
Ardie E. Bennesson	do	May 2, 1895	600	598.28
Kate H. Brady	do	Apr. 24, 1894	600	482.61
Martha E. Brandt	do	Dec. 1, 1892	600	598.41
	do	Dec. 7, 1895	600	340.76
				\$88.35

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897.—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Chicago, Ill.</i> —Continued.									
Vetoria E. Boyd.....	Assistant microscopist.	Feb. 17, 1897			\$600		\$215.00		
Catherine C. Burke.....	do	Sept. 1, 1893			600		330.01	\$38.35	
Laura D. Burke.....	do	June 25, 1891			600		462.17		
Mary L. Burke.....	do	Sept. 1, 1893	Apr. 10, 1897		600		391.53	25.85	
Nellie Callaghan.....	do	do	do		600		570.14		
May E. Carlisle.....	do	do	do		600		523.16	38.35	
Trillie Cella.....	do	Nov. 28, 1892			600		590.01		
Anna F. Clarke.....	do	Sept. 1, 1893	May 3, 1897		600		419.19	38.35	
Mary A. Clinton.....	do	July 10, 1893	Feb. 17, 1897		600		255.93	26.34	
Mae Gody.....	do	Feb. 1, 1894	Apr. 7, 1897		600		426.94		
Mrs. M. J. Connell.....	do	Sept. 1, 1893			600		544.65	38.35	
Nora Conway.....	do	Oct. 16, 1892			600		588.30		
May H. Crosby.....	do	Sept. 1, 1893			600		537.86	38.35	
Lillie M. Crowell.....	do	Feb. 1, 1894			600		593.36		
Nellie E. Damon.....	do	Feb. 5, 1894			600		598.40		
Barbara Dorse.....	do	Dec. 23, 1894			600		527.96		
ella B. Earle.....	do	Mar. 25, 1895			600		575.44		
K. Augusta Eaton.....	do	Apr. 23, 1894			600		550.97		
Elizabeth K. Eckert.....	do	Mar. 16, 1895			600		570.62		
Margaret Enright.....	do	Sept. 11, 1893			600		540.66		
Abbie M. Farwell.....	do	Feb. 15, 1895			600		547.73		
Lyde Finlon.....	do	Jan. 1, 1894			600		507.50		
Ada K. Gannon.....	do	Feb. 15, 1894			600		473.68		
Elizabeth C. Gibson.....	do	July 24, 1896			600		473.77		
Nellie M. Goodridge.....	do	May 16, 1893			600		519.87		
Mary Gorman.....	do	Aug. 25, 1891			600		533.60	24.65	
Julia Hall.....	do	Feb. 17, 1897			600		221.70		
Bertha G. Hardie.....	do	Aug. 16, 1894			600		504.78		
Nellie F. Haughton.....	do	July 10, 1891			600		423.72		
Tessie C. Havay.....	do	June 20, 1891			600		522.85		
L. E. Hennessy.....	do	Apr. 1, 1894			600		575.47		
Dora V. N. Hosmer.....	do	Feb. 1, 1894			600		523.75		
May E. Hotchkiss.....	do	Mar. 1, 1895			600		423.82		
Abbie W. Hunter.....	do	Feb. 1, 1894			600		550.80		
Efhe M. Hunter.....	do	Nov. 24, 1896			600		338.51		
Mary Hurley.....	do	Dec. 1, 1893			600		593.36		
Mary E. Keam.....	do	Sept. 1, 1893			600		586.80		
Mary F. Lannon.....	do	Sept. 11, 1893	Feb. 17, 1897		600		256.06	26.34	

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897.—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
Chicago, Ill.—Cont'd.									
Ida Jacobus	Box washer	Sept. 14, 1896		b \$50.00			\$284.06		
Reinhard Kochanowski	Stock examiner	Jan. 1, 1894					748.40		
Herman Jacobus	Tagger	June 27, 1895					598.80		
Wm. McKay	do	do					598.80		
Chicago Car Seal and Manufacturing Co.							Wire and lead car seals		\$774.45
Gahan & Byrne							Office rent		2,600.00
Rand, McNally & Co.							Stationery		31.65
Chas. O. Brockway							Interstate meat-inspection stamps		2,585.34
Albert Willey							Hire, horse and buggy		740.00
Chicago Telephone Co.							Telephone service		350.00
D. B. Freeman & Co.							Hire, saddle horses		109.68
Cleary Bros							do		240.00
J. Haberle							Repairing combination lock boxes		35.50
Harry E. Overstreet							Drayage		1.56
C. H. Hanson							Stamps, pads, and ink		9.75
Dennison Manufacturing Co.							Meat-inspection tags		619.00
Star Union Line							Freight on tags		31.33
Clapper & Lang							Hire, saddle horse		80.00
J. C. Holmes							Printing notice cards		7.50
Edward Kirk							Hardware		10.40
W. W. Wilcox & Co.							Excelsior stamp pads		3.25
A. P. Little							Copying cloths		2.50
Doane Bros							Shelving and nails		23.85
Baltimore & Ohio R. R.							Freight on tags		8.42
Marshall & Hawley							Hire, saddle horse		20.00
Eric Despatch							Freight		2.52
Siegel, Cooper & Co.							Japanese screen		3.98
The Consumers' Co.							Ice		72.37
David Swanson							Sharpening scissors		37.70
The Office Toilet Supply Co.							Towel supply		269.82
Horn Bros. Manufacturing Co.							Oak tables and crating		224.50
M. J. Lyons							Fitting faucet		2.50
A. M. Rothschild & Co.							Enamel cloth		9.75
J. S. Ford Johnson & Co.							Chairs		87.00

Location	Inspector	Date	Freight on tags	Printing	Tag fasteners	Tin sample boxes	Advertisement	Other
Laake Shore and Michigan Southern Rwy. Co.	Inspector	Jan. 1, 1895	1, 400	133.12				54.00
Harvey L. Goodall	Assistant inspector	July 15, 1895	1, 200	796.70				2.50
The Denny Tag and Envelope Co.	do	Oct. 1, 1896	1, 200	463.30	\$14.46			91.00
H. F. Miller & Son.	do	Nov. 1, 1895	1, 200	247.25	6.55			63.09
The Chicago Herald Co.	do	Oct. 1, 1896	1, 200	900.00	7.17			9.90
Milwaukee, Wis.	do	Jan. 1, 1896	1, 200	1, 085.83				
A. M. Casper	do	Oct. 1, 1896	1, 200	570.10				
Frank T. Shannon	do	Apr. 1, 1896	1, 200	52.75	6.77			16.38
Harry B. Adair	do	Apr. 15, 1897	900	235.85				
Saml. E. Bennett	Clerk	May 15, 1895	900	895.00				
Frank D. Ketchum	Stock examiner	Jan. 1, 1894	900	900.00				
Harry G. Moore	do	Sept. 15, 1894	900	900.00				
Orrin W. Snyder	do	June 5, 1894	900	897.57				
Albert E. Belnke	do	Mar. 1, 1895	900	897.50				
Frank S. Tufts	do	June 5, 1894	900	900.00				
Geo. J. Reinsch	Tagger	Oct. 1, 1896	720	528.37				
Henry Baumel	do	June 5, 1894	720	715.98				
Jas. W. Carney	do	Oct. 1, 1896	720	720.00				
J. J. Eichstaedt	do	Sept. 15, 1894	720	720.00				
Christian Hiller	do	May 1, 1896	720	694.37	2.55			
Thos. C. Murphy	do	do	720	714.11				
Edw. C. Carle	do	Nov. 1, 1894	720	596.16				
Chester J. Curtis	do	Oct. 1, 1896	720	468.15				
Chas. Elmer	do	June 1, 1895	600	486.11				
Frank Mackut	do	Jan. 2, 1895	600	434.11				
Elbert V. Putnam	do	Feb. 16, 1895	600	484.47				
Jno. P. Somers	do	Nov. 1, 1894	600	22.83				
Jos. M. Sommer	do	Aug. 26, 1891	600	79.89				
Clara Buuck	do	June 18, 1894	600	428.68				
Martha Cannon	Assistant microscopist	Aug. 23, 1891	600	418.29				
Carrie L. Emerson	do	Jan. 19, 1893	600	455.22				
Louise Faust	do	May 1, 1894	600	317.41				
Mary Gorman	do	June 18, 1894	600	483.64				
Katherine F. Graham	do	Dec. 26, 1894	600	492.56				
Lucia R. Kemper	do	Feb. 15, 1895	600	47.28				
Clara L. Kloes	do	June 18, 1894	600	438.39				
Marte Kneeland	do	Oct. 1, 1891	600	26.09				
Elia Knoblock	do	Sept. 15, 1891	600	435.46				
A. M. Leberman	do	Feb. 16, 1895	600	42.39				
Josephine A. Lyon	do	July 30, 1896	600	473.04				
Mary McShane	do	July 30, 1896	600	471.18				
Mattie O'Brien	do	July 30, 1896	600					
Mabel Rockwell	do	July 30, 1896	600					
Hattie Schultz	do	July 30, 1896	600					
Mary Somers	do	July 30, 1896	600					
May Sontag	do	July 30, 1896	600					
Anna Zimmerman	do	July 30, 1896	600					

b Per month.

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Milwaukee, Wis.—Continued.</i>									
Saml. E. Bennett Chas. O. Brockway	Assistant inspector	Jan. 15, 1896	aJune 5, 1897		\$1,200		\$498.90		\$138.00
Star Union Line Chicago, Milwaukee and St. Paul Rwy. Co. Chicago and Northwestern Rwy. Co. Dennison Manufacturing Co									3.67 .98 .48 95.75
Denny Tag and Envelope Co. J. F. Gaffney Chicago Car-Seal and Manu- facturing Co.									3.50 293.55 95.00
<i>South St. Paul.</i>									
Albert E. Behnke Archd. McBride Thos. M. Libby Alfred Day Jno. Jacobson	Assistant inspector do Stock examiner Tagger do	Apr. 1, 1896 June 8, 1896 Oct. 1, 1895 Dec. 10, 1895 Feb. 15, 1895	aJune 1, 1897		1,200 1,200 900 720 720		1,101.10 1,200.00 900.00 605.23 605.23	\$19.10	.70
Dennison Manufacturing Co Chicago Car Seal and Manu- facturing Co. Chicago Great Western Rwy. Co. Star Union Line Chicago, Milwaukee and St. Paul Rwy.									19.80 51.30 .75 1.52 .52
Ira K. Atherton	Assistant inspector	Feb. 15, 1895	aDec. 12, 1896		1,200			547.84	

<i>Davenport, Iowa.</i>		Inspector	July 1, 1896	May 24, 1897	1,400		1,278.33	94.19	4.20
Tootie A. Geddes		Stock examiner	June 27, 1895		900		640.78	7.97	
John Tramer		Tagger	Aug. 18, 1896	Apr. 30, 1897	720		444.19		
Claude A. Rodman		Stock examiner	Jan. 1, 1894		900		190.86	5.97	
Geo. C. Burke		Assistant inspector	Nov. 19, 1894		1,200		125.27	13.66	
Chas. M. Day									11.00
Dennison Manufacturing Co									16.50
Davenport Furniture and Carpet Co.									23.75
Chicago Car Seal and Manufacturing Co.									.98
Chicago, Rock Island and Pacific Rwy.									
<i>Marshalltown, Iowa.</i>									
Ira K. Atherton		Assistant inspector	Feb. 15, 1895		1,200		629.10	2.00	5.00
Geo. H. Bucklin		Tagger	June 24, 1895		720			12.11	
Chicago and Northwestern Rwy. Co.								4.52	
New York Stencil Works									1.75
<i>Cedar Rapids, Iowa.</i>									
Trajan A. Shipley		Inspector	July 1, 1896		1,400		1,400.00		2.25
Wm. F. Pflaegering		Stock examiner	Aug. 1, 1894		900		895.08		
Geo. H. Bucklin		Tagger	June 24, 1895		720		720.00		
F. A. Dammann		do	June 10, 1895		720		710.12		
Chas. O. Brockway									92.00
Dennison Manufacturing Co.									22.00
Chicago and Northwestern Rwy. Co.									1.37
Star Union Line									4.07
<i>Ottumwa, Iowa.</i>									
Tootie A. Geddes		Inspector	July 1, 1896	Aug. 11, 1896	1,400		114.13		
Joshua Miller		Assistant inspector	Dec. 10, 1895		1,200		1,066.28	8.40	16.45
Geo. C. Burke		Stock examiner	Jan. 1, 1894	Apr. 15, 1897	900		709.62		
Abraham Mader		do	do		900		900.00		
Chas. O. Brockway									92.00
Chicago, Burlington and Quincy R. R.									.90

a Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
MEAT INSPECTION—cont'd.										
<i>Sioux City, Iowa.</i>										
Arthur B. Morse.....	Inspector	May 19, 1895	aApr. 15, 1897		\$1,400		\$1,399.99	\$129.18	\$20.25	
W. B. Griggs.....	Stock examiner	Mar. 1, 1895			900		900.00			
Donald McDonald.....	do	Feb. 1, 1896			900		897.57			
Wm. B. Treadway.....	do	Dec. 15, 1897			900		262.64	21.80	6.85	
Jno. McBirney.....	Assistant inspector	Oct. 1, 1895	aJune 16, 1897		1,200		52.75	17.91	2.80	
Wm. Thompson.....	do	Nov. 19, 1894			1,200		720.00			
C. J. Chamberlain.....	Tagger	Mar. 1, 1891			720		720.00			
David A. Winnie.....		Apr. 17, 1893								2.09
J. H. Queal & Co.....										4.00
J. B. Lamb.....										2.65
United States Express Co.....										8.55
Chicago Car Seal and Manufacturing Co.....										48.30
Chas. O. Brockway.....										4.00
The Iowa Telephone Co.....										
<i>Nebraska City, Nebr.</i>										
W. H. Gibbs.....	Inspector	Sept. 1, 1893			1,200		1,200.00	12.85	1.90	
Geo. M. Thomas.....	Stock examiner	July 1, 1896			900		699.29			
Geo. P. Colon.....	Laborer	do	Nov. 4, 1896		\$2.00		46.00			
R. C. Greoble.....	do	Nov. 5, 1896	May 31, 1897		2.00		154.00			
Alfred Day.....	Tagger	Dec. 10, 1895			720		53.41	5.50		
Chas. O. Brockway.....										5.06
<i>Lincoln, Nebr.</i>										
Wilfred D. Robbins.....	Inspector	Jan. 4, 1894			1,200		1,193.47		5.85	
Jno. P. Higgins.....	Tagger	Mar. 1, 1895			720		430.35			
State Journal Co.....										6.25
Chas. O. Brockway.....										1.84
Chicago Car Seal and Manufacturing Co.....										4.75
<i>St. Joseph, Mo.</i>										
Jno. Forbes.....	Inspector	Sept. 16, 1894			1,400		1,400.00			124.25

Jas. Wilson.....	Assistant inspector.....	Dec. 1, 1894.....			1, 200		1, 196.70		
Frank A. Ewing.....	Stock examiner.....	May 1, 1894.....			900		892.57		
Emory K. Hess.....	Tagger.....	Dec. 10, 1895.....			720		700.25		
Jas. P. Ray.....	do.....	Nov. 12, 1894.....			720		700.05		
Jas. S. Kelly.....	Assistant inspector.....	Apr. 1, 1897.....			1, 200		900.00	150.00	
St. Joseph Stock Yards and Terminal Co.....									
Chicago Car Seal and Manufacturing Co.....									
Dennison Manufacturing Co.....									
Chas. O. Brockway.....									
Hannibal and St. Joseph R. R. Co.....									
Vandalia Line.....									
Chicago, Burlington and Quincy R. R.....									
<i>South Omaha, Nebr.</i>									
Don C. Ayer.....	Inspector.....	{ Aug. 10, 1895.....	Oct. 31, 1896.....		1, 400		1, 533.10	3.50	
J. E. Blackwell.....	do.....	{ Nov. 1, 1893.....			1, 000				
A. T. Everett.....	do.....	{ Aug. 1, 1893.....			1, 400		1, 400.00		
E. W. Schirmer.....	do.....	{ Nov. 6, 1893.....			1, 200		1, 200.00		
Saml. E. Cosford.....	Assistant inspector.....	{ Aug. 1, 1893.....			1, 400		1, 400.00		
Benj. S. Paddock.....	Stock examiner.....	{ Dec. 10, 1895.....			1, 200		1, 176.80		
Chas. Conroy.....	Clerk.....	{ June 24, 1895.....	Nov. 10, 1896.....		900		325.89		
David Bush.....	do.....	{ Jan. 15, 1897.....			1, 000		943.53		
Henry Beal.....	Stock examiner.....	{ May 22, 1893.....	May 31, 1897.....		900		825.93		
D. J. Campbell.....	do.....	{ Oct. 1, 1894.....	Dec. 15, 1896.....		900		410.88		
J. W. Davis.....	do.....	{ do.....			900		900.00		
Geo. H. Gray.....	do.....	{ Jan. 1, 1894.....			900		821.20		
Wm. Holmes.....	do.....	{ do.....			900		897.50		
W. K. Jacobs.....	do.....	{ June 27, 1895.....	Dec. 15, 1896.....		900		410.88		
Frank Jelen.....	do.....	{ Apr. 1, 1895.....			900		865.00		
Geo. Karl.....	do.....	{ June 17, 1895.....			900		897.50		
Thos. J. Lowry.....	do.....	{ Mar. 25, 1895.....			900		900.00		
Jay Merrill.....	do.....	{ Jan. 1, 1894.....			900		892.02		
Frank G. Patrick.....	do.....	{ do.....			900		897.57		
Jacob I. Payne.....	do.....	{ do.....			900		900.00		
Geo. Seay.....	do.....	{ Mar. 25, 1895.....			900		895.02		
Jacob Burkard.....	Tagger.....	{ May 10, 1893.....	Dec. 15, 1896.....		900		410.88		
Jos. Butler.....	do.....	{ Feb. 16, 1895.....			720		718.10		
Fatk Butler.....	do.....	{ May 16, 1893.....			720		684.60		
Dee N. Chase.....	do.....	{ June 27, 1895.....			720		684.40		
Anton Kostal.....	do.....	{ May 16, 1893.....			720		716.16		
Jas. Kunes.....	do.....	{ do.....			720		720.00		
Thos. Leddy.....	do.....	{ Feb. 15, 1895.....			720		652.54		
R. M. Mahana.....	do.....	{ June 1, 1893.....			720		708.42		
Jas. D. Murphy.....	do.....	{ June 1, 1895.....			720		720.00		
								702.49	

a Transfer.

Wm. E. Pratt Manu- factur- ing Co.								Hog rings		4.50
M. Dooyan								Lettering windows		4.00
Union Stock Yards Co., Lim- ited.								Constructing closet		3.00
Evans Laundry Co.								Towel supply		22.25
New York Stencil Works								Metal "Condemned" tags		8.75
Burlington and Missouri River R. R.								Freight on seals		17.48
Star Union Lime								Freight on tags		30.08
Jas. W. Davis								Hire, horse and buggy		15.00
Chicago, Burlington and Quincy R. R.								Freight on seals		21.22
Baltimore and Ohio R. R.								Freight on tags		2.87
F. B. Festner								Record books		13.50
Union Pacific Rwy. Co.								Freight on tags and seals		12.77
Do								Transportation, Ayer	8.70	
<i>Kansas City, Kans. and Mo.</i>										
C. J. Sihler	Inspector	July 1, 1896	<i>a</i> June 17, 1897	1,800	1,711.70	19.95			28.00	19.95
S. L. Brooking	do	Nov. 15, 1893		1,400	1,400.00	13.10				13.10
Harry B. Adair	Assistant inspector	Oct. 1, 1896								
W. C. Barth	Inspector	Sept. 15, 1893	<i>a</i> Apr. 15, 1897	1,200	942.88				7.35	
Thos. A. Bray	do	Nov. 20, 1893	<i>a</i> Apr. 7, 1897	1,200	919.78					
C. H. Davies	do	Sept. 18, 1891		1,400	1,400.00					
W. Ross Cooper	Assistant inspector	Jan. 25, 1897		1,200	513.37					
Leslie J. Allen	do	Aug. 11, 1896		1,200	1,066.30					
Fred W. Hopkins	do	Feb. 15, 1896		1,200	1,200.00					
Benj. F. Kaupp	do	Feb. 10, 1896		1,200	1,193.40					
Jno. C. Milnes	do	Oct. 1, 1896		1,200	863.85					
Don W. Patton	do	do		1,200	883.68					
Albert J. Payne	do	June 1, 1895	<i>a</i> Aug. 11, 1896	1,200	133.71					
Edw. P. Schaffter	do	July 15, 1896		1,200	1,066.30					
Thos. J. Turner	do	June 1, 1896	<i>a</i> Nov. 4, 1896	1,200	407.61					
Jno. Conlon	Clerk	Sept. 1, 1893		900	897.57					
C. H. Morse	do	Oct. 1, 1894		900	753.21					
I. N. Vance	do	Feb. 1, 1896		900	897.50					
Chas. Adams	Stock examiner	May 1, 1896		900	875.34					
E. W. Bell	do	do		900	895.02					
H. J. Blackwell	do	Jan. 1, 1894		900	900.00					
Chas. A. Brown	do	June 1, 1895		900	892.63					
Wm. Burgess	do	May 1, 1896		900	897.57					
Geo. T. Cathel	do	Feb. 12, 1894		900	900.00					
Jno. Colgan	do	May 1, 1896		900	900.00					
N. J. Connor	do	Jan. 16, 1895		900	900.00					
J. D. Cooper	do	Nov. 15, 1894		900	900.00					
Josiah D. Flora	do	May 16, 1895		900	900.00					
Geo. A. Franklin	do	June 17, 1895		900	888.62					
Harry D. Freeman	do	Oct. 1, 1895		900	500.00					
W. E. Frye	do	Sept. 1, 1895	Jan. 15, 1897	900	487.50					

b Per month.*a* Transfer.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Kansas City, Kans. and Mo.—Continued.</i>									
Wm. Gano	Stock examiner	Feb. 1, 1894			\$900			\$897.57	
Washington Gobble	do	Feb. 15, 1894			900			900.00	
Porter J. Hand	do	Sept. 1, 1895	Feb. 25, 1897		900			443.64	
R. E. L. Jackson	do	Nov. 19, 1894			900			900.00	
J. A. Ligggett	do	Sept. 1, 1895			900			885.16	
Geo. L. Robb	do	May 1, 1896			900			882.79	
Bl. J. Madden	do	May 7, 1894			900			831.55	
Porter Morgan	do	May 1, 1894			900			895.63	
H. L. McDonald	do	May 16, 1895			900			865.69	
J. G. Reunic	do	May 3, 1894			900			900.00	
J. H. Richardson	do	May 1, 1896			900			900.00	
Sam'l. W. Smith	do	May 1, 1894			900			895.09	
A. E. Wagner	do	Nov. 19, 1894			900			897.52	
W. N. West	do	Nov. 19, 1894			900			897.52	
Oliver W. Byrd	Tagger	July 15, 1896			720			720.00	
Bern'd Cunningham	do	Dec. 15, 1893			720			720.00	
Jas. De Grot	do	Apr. 1, 1894			720			720.00	
Robt. Fleming	do	Nov. 15, 1893			720			720.00	
H. B. Gooch	do	May 1, 1894			720			641.95	
Wm. J. Hardestime	do	May 1, 1896			720			712.16	
A. J. Henley	do	May 1, 1895			720			686.36	
David Hunt	do	Dec. 1, 1893			720			715.88	
Wm. J. Maddock	do	May 1, 1896			720			714.11	
G. T. Mann	do	Dec. 21, 1891			720			720.00	
Clayton E. Moss	do	May 1, 1896			720			720.00	
Harry A. Niles	do	do			720			714.00	
Dan T. Pratt	do	Jan. 22, 1894			720			714.14	
Geo. F. Provost	do	Nov. 15, 1893	Dec. 31, 1896		720			360.00	
Morey Sappington	do	May 1, 1896			720			720.00	
J. W. Shannon	do	Feb. 1, 1894			720			720.00	
A. M. Thistlethwaite	do	Apr. 1, 1891	Nov. 30, 1896		720			269.90	
Sampson Wright	do	Dec. 15, 1893			720			674.00	
Olas Flora	Laborer	Feb. 8, 1897	Feb. 13, 1897		82.00			6.00	
Caddy Hodges	Janitress	May 29, 1896	May 18, 1897		1,200			364.48	
Geo. A. Johnson	Assistant inspector	Apr. 1, 1897			1,200			293.70	
Sam'l. E. Bennett	do	Jan. 15, 1896			1,200			61.54	\$21.85
R. P. Seddon	do	Apr. 1, 1897			1,200			300.00	
Wm. A. Hoek	do	Apr. 15, 1897			1,200			253.85	

S. Stewart.....	Microscopist.....	July 1, 1893	1, 400	1, 377.14	
Ida Bannister ^a	Assistant microscopist.....	Sept. 1, 1893	600	19.57	
Amelia Barthels.....	do.....	June 20, 1892	600	466.04	
Mary Bunce.....	do.....	Sept. 1, 1893	600	319.80	7.80
Catherine C. Burke.....	do.....	bAug. 4, 1896	600	19.57	
Mary L. Burke.....	do.....	bJan. 20, 1897	600	113.55	30.05
May E. Carlisle.....	do.....	do.....	600	19.57	
Anna F. Clarke.....	do.....	do.....	600	73.70	6.10
M. J. Connell.....	do.....	do.....	600	19.57	
May H. Crosby.....	do.....	do.....	600	366.03	8.15
Bertha L. Diller.....	do.....	bJan. 2, 1897	600	469.25	
Sallie A. Evans.....	do.....	do.....	600	195.87	
Midge Frechette.....	do.....	do.....	600	456.00	
Sallie R. Griffin.....	do.....	do.....	600	446.20	
Mary Henry.....	do.....	do.....	600	373.07	8.15
Sallie Hughes.....	do.....	May 1, 1895	600	401.31	8.15
Herman J. Kelley.....	do.....	bJan. 23, 1897	600	233.03	
Rosa Le Fond.....	do.....	bJan. 26, 1897	600	487.19	
Tessie Linderman.....	do.....	June 23, 1892	600	439.58	
Kate Martana.....	do.....	Jan. 11, 1893	600	79.89	
Ida B. Martin.....	do.....	Nov. 15, 1893	600	361.31	8.15
Mary McCarty.....	do.....	bOct. 16, 1896	600	322.28	
Margaret Mertell.....	do.....	bJan. 2, 1897	600	454.30	
Maria P. Mullay.....	do.....	Sept. 1, 1893	600	117.39	
M. Alice Osburne.....	do.....	do.....	600	447.82	
Nora Osburne.....	do.....	June 16, 1893	600	23.33	
Tracy Schaeffer.....	do.....	Jan. 1, 1893	600	136.96	
Vevie V. Shaw.....	do.....	do.....	600	70.11	
Stella Sweet.....	do.....	June 16, 1893	600	443.02	
Emma I. Torrence.....	do.....	Sept. 11, 1893	600	449.65	
Jennie Tunstall.....	do.....	do.....	600	388.51	
Marion Williams.....	do.....	Sept. 1, 1893	600	207.51	
M. L. Wisdom.....	do.....	do.....	600	439.52	
F. B. Woodson.....	do.....	Oct. 1, 1893	600	535.39	
Emma M. Wyatt.....	do.....	do.....	600	48.55	
Claude McFarland.....	do.....	Aug. 1, 1892	600		6.25
Dennison Manufacturing Co.....	Janitor.....	May 20, 1897			
Chas. O. Brockway.....		a 35.00			
Chicago Car Seal and Manufacturing Co.....				Meat-inspection tags.....	\$1,524.00
Wm. E. Pratt Manufacturing Co.....				Interstate meat-inspection stamps.....	966.00
Vandalia Lime.....				Wire and lead car seals.....	3,135.00
Baltimore and Ohio R. R.....				Hog rings.....	9.00
Star Union Lime.....				Freight on seals and tags.....	62.93
Chicago and Alton R. R.....				do.....	2.40
St. Louis, Keokuk and Northwestern Rwy.....				do.....	57.82
H. C. Leipsner.....				do.....	15.76
A. O. Stoeltzing.....				do.....	25.68
				Ink.....	2.00
				Gasoline and chemicals.....	60.20

b Transfer.

a Per month.

List of persons employed and disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ending June 30, 1897—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Kansas City, Kans. and Mo.—Continued.</i>									
New York Stencil Works									
R. S. McCurdy									\$8.75
G. W. Tourtellot									38.84
James Sullivan									540.00
A. Klein									33.50
Holzmark Furniture Co.									8.25
F. P. Burnap									4.50
Denny Tagand Envelope Co.									7.50
Chicago, Burlington and Quincy R. R. Co.									7.00
A. Holzmark								\$12.50	
<i>San Francisco, Cal.</i>									
Geo. S. Baker	Veterinary inspector	Sept. 1, 1893	Oct. 31, 1896		\$1,400		\$1,533.10		
Robt. A. Archibald	Assistant inspector	Nov. 1, 1896			1,600				
E. N. Hutchinson	do	Feb. 15, 1896	Aug. 14, 1896		1,200		146.75		
Laumer West	Clerk	Aug. 15, 1896	May 20, 1897		1,200		914.77		
Calvin A. Barnett	Stock examiner	June 1, 1896			900		900.00		
Jno. J. Borden	do	Mar. 2, 1896	Dec. 11, 1896		900		374.14		
Jno. Brown	do	do			900		897.50		
Ambrose McSweeney	do	do	June 15, 1897		900		808.94		
Dani. McSweeney	do	Nov. 18, 1895			900		897.50		
Jno. F. Nelson	do	Feb. 15, 1896			900		813.49		
Jas. A. Riley	Tagger	Nov. 18, 1895	Nov. 9, 1896		720		887.79		
Jno. Riley	{ Stock examiner	Nov. 10, 1896			900		835.37		
	{ Tagger	Dec. 2, 1895			720				
	{ Stock examiner	Jan. 1, 1897	Dec. 31, 1896		900		545.00		
Frank Brown	Tagger	Jan. 1, 1897			900				
Thos. F. Brown	do	Dec. 7, 1896			720		399.08		
Jos. Donovan	do	Oct. 12, 1896			720		300.53		
Howard D. Ebey	do	Nov. 10, 1896			720		430.08		
Jno. E. Munn	do	Feb. 15, 1896	June 15, 1897		720		618.73		
	do	Dec. 2, 1895	Dec. 31, 1896		720				
	{ Stock examiner	Jan. 1, 1897			900		807.50		
Harry S. Newlove	Tagger	do			720				
Edw. E. Stephens	do	Dec. 9, 1896			720		352.00		
Jno. H. Webster	do	Mar. 2, 1896			720		403.04		
Jno. H. Widman	do	do			720		720.00		
	do				720		648.83		

Le Count Bros.				Supplies for office.		12.80
B. P. Oliver.				Office rent.		200.00
Pacific Telegraph and Telephone Co.				Telephone service.		100.00
Chicago Car Seal and Manufacturing Co.				Car seals, wire and lead.		700.00
Dennison Manufacturing Co.				Meat-inspection tags.		332.00
Chas. O. Brockway				Interstate meat-inspection stamps.		23.00
Union Pacific Rwy. Co., Omaha Bridge.				Freight on seals and tags.		80.40
Chicago and Northwestern Rwy.				do.		20.33
Star Union Line.				do.		13.72
Chicago, Milwaukee and St. Paul Rwy.				do.		7.42
Wm. R. Morton.				Drayage.		2.57
Southern Pacific Rwy. Co.				Freight.		57.54
<i>Los Angeles, Cal.</i>						
Orlando B. Hess	Inspector	July 1, 1896	1,400		1,400.00	1.25
M. J. P. Nolte	Tagger	do.	720		720.00	
Thos. N. Badger	do	Sept. 1, 1896	720		588.80	
Wm. R. Dennis	Stock examiner	Nov. 10, 1896	900		577.16	
Arthur J. O'Rourke	do	do	900		577.16	
Orlando B. Hess				Hire horse and buggy and expressage.		127.45
<i>Wichita, Kans.</i>						
W. C. Barth	Inspector	Sept. 15, 1893	1,200		253.85	3.20
Chas. O. Brockway				Interstate meat-inspection stamps.		2.30
Chas. J. Mackay				Soap and ink		1.15
<i>Portland, Oreg.</i>						
E. N. Hutchinson	Assistant inspector	Aug. 15, 1896	1,200		138.46	15.55
John Brown	Stock examiner	Mar. 2, 1896	900		39.56	12.05
Howard D. Ebey	Tagger	Feb. 15, 1896	720		31.65	12.05
Geo. Baker & Co.				One office desk		7.50
<i>Miscellaneous.</i>						
I. Clark Seamans.				No. 6 typewriter, head		87.75
E. Morrison Paper Co.				Rubber bands and paper		73.01
H. F. Miller & Son.				Tin sample boxes and cans		92.25
G. G. Cornwell & Son.				Babbitt's soap.		7.08
A. Hoen & Co.				Bound certificates of inspection.		462.50
J. L. Gilbert & Bro.				Wooden pad boxes		11.25

a Transfer.

Dennison Manufacturing Co					Duplicate tags			25.00
C. Brez					Altering compressor frames.			30.00
Barber & Ross					Scissors			51.90
Denny Tag and Envelope Co.					Meat hooks			17.50
Z. D. Gilman					Pipettes			8.40
Norfolk and Washington Steamboat Co.					Freight			.67
Doremus & Just Co.					Altering compressors			50.00
Geo. F. Muth & Co.					Chamois skins			6.72
Total						\$463,185.83	\$2,306.12	32,730.32

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