

OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY.

MESSAGE

FROM THE

PRESIDENT OF THE UNITED STATES,

TRANSMITTING

A REPORT OF THE SECRETARY OF AGRICULTURE RELATING
TO THE BUREAU OF ANIMAL INDUSTRY FOR THE YEAR
ENDED JUNE 30, 1901.

JANUARY 13, 1902.—Read; referred to the Committee on Agriculture and Forestry and ordered to be printed.

To the Senate and House of Representatives:

I transmit herewith a report, by the Secretary of Agriculture, of the operations of the Bureau of Animal Industry of that Department for the fiscal year ended June 30, 1901, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

THEODORE ROOSEVELT.

WHITE HOUSE, *January 13, 1902.*

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., January 8, 1902.

The PRESIDENT: I have the honor to submit herewith, for transmittal to Congress, a report of the operations of the Bureau of Animal Industry of this Department for the fiscal year ended June 30, 1901, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

Respectfully submitted.

JAMES WILSON, *Secretary.*



OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY FOR THE FISCAL YEAR ENDED JUNE 30, 1901.

WORK OF THE INSPECTION DIVISION.

MEAT INSPECTION.

The number of abattoirs and packing houses where cattle, sheep, calves, and hogs and their products were inspected during the year was 156. The number noted in the preceding report was 148. The number of localities where the work was conducted increased from 45 to 51. Horses were inspected at one other abattoir.

The following table shows the increase year after year in the number of abattoirs where inspection has been maintained and the number of cities where the work is done:

Number of abattoirs and cities where inspection was maintained, 1892-1901.

Fiscal year.	Number of abattoirs.	Number of cities.	Fiscal year.	Number of abattoirs.	Number of cities.
1892.....	28	12	1897.....	128	33
1893.....	37	16	1898.....	135	35
1894.....	46	17	1899.....	138	41
1895.....	55	19	1900.....	148	45
1896.....	102	26	1901.....	156	51

The following table shows the numbers and kinds of animals inspected before slaughter and the number of these that were rejected for some cause apparently unfitting them for food purposes, the final condemnation or passing of the carcass depending upon the result of the post-mortem inspection:

Ante-mortem inspections for the fiscal year 1901.

Kind of animal.	For official abattoirs in cities where inspections were made.	For abattoirs in other cities and miscellaneous buyers.	Total inspections.	Rejected (subject to result of post-mortem inspection).	
				At abattoirs.	In stock yards.
Cattle.....	5,375,315	4,904,883	10,280,198	318	14,727
Sheep.....	6,662,092	4,571,827	11,233,859	890	7,682
Calves.....	400,241	266,235	666,476	1,635	2,173
Hogs.....	24,486,130	9,700,656	34,186,786	5,812	71,286
Horses.....	1,991	-----	1,991	3	-----
Total.....	36,925,709	19,443,601	56,369,310	8,658	95,863

There was an increase in the number of all classes of animals inspected over last year, with the exception of a decided decrease in

the number of horses, there being but a third as many of these as during the previous year. The total number of ante-mortem inspections this year exceeds the total number of last year by 3,281,316. There was an increase of 2,700 rejections at abattoirs and a decrease of 57,693 rejections at stock yards.

The following table, showing the total number of animals inspected at time of slaughter for abattoirs having inspection, for the fiscal years 1891 to 1901, is given for the purpose of comparison:

Number of animals inspected at slaughter for abattoirs having inspection, fiscal years 1891 to 1900.

Fiscal year.	Cattle.	Calves.	Sheep.	Hogs.	Horses.	Total.
1891	83,889					83,889
1892	3,167,009	59,089	583,361			3,809,459
1893	3,922,079	92,947	870,512			4,895,538
1894	3,861,594	96,331	1,020,764	7,648,146		12,626,835
1895	3,704,042	116,093	1,428,601	13,616,539		18,865,275
1896	3,985,484	256,905	4,629,796	14,250,191		23,122,376
1897	4,242,216	273,124	5,209,161	16,808,771		26,533,272
1898	4,418,738	244,330	5,496,904	20,893,199		31,053,171
1899	4,382,020	246,184	5,603,096	23,836,943	3,332	34,071,575
1900	4,841,166	315,693	6,119,886	23,336,884	5,559	34,619,188
1901	5,219,149	413,830	6,639,212	24,642,753	1,992	36,916,936

The inspection of animals at time of slaughter, with the number of carcasses and parts of carcasses condemned and tanked, is shown in the next table. The number of condemnations for trichinosis is given under the head of "Microscopic inspection of pork."

Post-mortem inspections for the fiscal year 1901.

Kind of animal.	Number of inspections.			Carcasses condemned.			Parts of carcasses condemned at abattoirs.
	For official abattoirs.	On animals rejected in stock yards.	Total.	For official abattoirs.	Animals rejected in stock yards.	Total.	
Cattle	5,219,149	25,005	5,244,154	8,505	3,777	12,282	8,701
Sheep	6,639,212	7,349	6,646,561	2,936	1,513	4,449	91
Calves	413,830	750	414,580	385	150	535	24
Hogs	24,642,753	77,729	24,720,482	47,240	7,394	54,634	10,973
Horses	1,992		1,992	103		103	
Total	39,916,936	110,833	37,027,769	59,169	12,834	72,003	19,789

In addition to the carcasses condemned as above and to those condemned for trichinosis, the table below shows the number tanked for other reasons—bodies of dead animals taken from cars or pens at abattoirs or animals that, after inspection in the stock yards, had died from disease or injury or were killed by municipal inspectors.

Manner of death.	Cattle.	Sheep.	Calves.	Hogs.	Horses.	Total.
Died in stock yards	316	1,147	118	2,215		3,796
Killed in stock yards	497	600	158	9,203		10,458
Died at abattoirs	239	1,061	257	15,388	27	16,972
Total	1,052	2,808	533	26,806	27	31,226

Below is a statement of the total number of carcasses and parts condemned and tanked, with the causes of condemnation at the time of

slaughter, and including the carcasses of animals found dead and those killed by city inspectors:

Causes of condemnation of carcasses and parts of carcasses for fiscal year 1901.

Cause of condemnation.	Cattle.		Sheep.		Calves.		Hogs.		Horses.
	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.	Parts.	Car-casses.
Actinomycosis.....	1,355	629	2		5		26	3	
Tuberculosis.....	6,454	256	134		8		8,650	44	
Cholera and swine plague.....							37,862		
Texas fever.....	17				12				
Echinococcus.....	1	1	1					620	
Measles.....				10			24		
Scabies.....			26				87		
Eczema.....							6		
Erysipelas.....							23		
Cancer.....	63		2				18		
Tumor.....	21	8	5				480	668	
Abscess.....	98	6,485	110	11	6	4	597	1,570	6
Pneumonia.....	213		177		15		978		3
Pleurisy.....	13		23	8	1		88	13	1
Bronchitis.....									
Carditis.....							2		
Enteritis.....	36		62		14		286		3
Peritonitis.....	177		52		16		373		1
Metritis.....	9		6				117		3
Nephritis.....	7		63		2		44		
Uræmia.....	1		27				30		
Mammitis.....	1		4				15	400	
Septicæmia.....	268		212		6		684		17
Pyæmia.....	200		183		12		1,899		4
Gangrene.....	12		6				33		1
Anæmia, emaciation, marasmus.....	2,173		1,835		47		299		11
Ascites.....	19		51		1		27		
Jaundice.....	26		258		4		774		
Extreme temperature, various causes.....	2		41		4		595		
Pregnancy.....	76		25				269		40
Recent parturition.....	15		15				63		
Hernia.....	2		4				31		
Downers, bruised, injured, etc.....	1,020	1,322	759	62	52	20	254	7,655	4
Asphyxiation.....	3								
Sick.....			31						
Caseous lymphadenitis.....			333						
Impaction of rumen.....			1						
Distoma.....			1						
Melanosis.....					1				2
Polyarthrititis.....					1				
Too young.....					327				
Lymphangitis.....									1
Pharyngitis.....									1
Nasal discharge.....									2
Fistula.....									1
Distemper.....									2
Dead from various causes.....	555		2,208		375		17,603		27
Killed by city inspectors.....	497		600		158		9,203		
Total.....	13,334	8,701	7,257	91	1,068	24	81,440	10,973	130

The meat inspection tag or brand was placed upon 18,977,943 quarters, 332,399 pieces, and 2,844 sacks of beef; 6,626,729 carcasses of sheep; 412,721 carcasses of calves; and 1,101,961 carcasses of hogs, and 752,805 sacks of pork.

The stamp signifying that the contents had received the ordinary inspection was affixed to 21,496,109 packages—6,394,065 of beef, 41,993 of mutton, 112 of veal, 15,059,118 of pork, and 821 of horse-flesh.

There were sealed (with numbered seals, of which a record is kept) 68,495 cars containing inspected meat products for shipment to official abattoirs and other places.

The number of certificates of ordinary inspection issued for meat

products for export, exclusive of horseflesh, was 36,998. Of beef there were 1,749,817 quarters, 330 bags, 36,554 pieces, and 1,437,553 packages, with a weight of 452,830,373 pounds; of mutton there were 452 carcasses and 18,990 packages, weighing 894,648 pounds; of pork there were 53,203 carcasses and 717,749 packages, the weight being 231,144,938 pounds. These figures show an increase in the exports of beef and mutton, but a falling off in pork, the total being (in round numbers) 26,000,000 pounds less than in 1900, the gain of 15,000,000 in beef being offset by a loss of 40,000,000 in pork. In 1900 there was an increase over 1899 of 77,000,000 pounds in beef and a decrease of 6,000,000 pounds in pork.

There were 9 certificates given for horseflesh, covering 880 packages, having a weight of 249,900 pounds.

The following table shows the quantities of beef, mutton, and pork for export which received the certificates of inspection:

Quantities of beef, mutton, and pork for export upon which certificates of inspection were issued, 1898-1901.

Fiscal year.	Beef.	Mutton.	Pork.
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
1898.....	339,650,061	324,996	244,956,482
1899.....	360,843,856	525,705	278,696,435
1900.....	438,138,233	680,897	272,050,663
1901.....	452,830,373	894,648	231,144,938

The expense incurred on account of the work outlined above was \$566,809, an increase over last year of \$61,528.48. The cost of each of the 56,369,310 antemortem inspections averaged 1.01 cents.

The following statement shows the cost of each ante-mortem inspection from 1893 to 1900, inclusive:

	Cents.		Cents
1893.....	4.75	1898.....	0.80
1894.....	1.75	1899.....	.88
1895.....	1.10	1900.....	.95
1896.....	.95	1901.....	1.01
1897.....	.91		

MICROSCOPIC INSPECTION OF PORK.

The number of carcasses of pork examined was 733,196, classified as follows: Class A (free of all appearance of trichinæ), 715,529, or 97.59 per cent; Class B (containing trichina-like bodies or disintegrating trichinæ), 8,668, or 1.18 per cent; Class C (containing living trichinæ), 8,999, or 1.23 per cent. There is little change in the percentages; Class A slightly increased, with a corresponding diminution in Class C.

There were 9,001 trichinous carcasses disposed of during the year. The weight of these was 2,003,858 pounds. Over half of this quantity was made into cooked meat; the remainder was tanked.

The decrease in the exports of microscopically examined pork continued, so that the quantity inspected for export amounted to less than two-thirds of that of the year before. The number of certificates issued was 6,188. The number of packages was 127,017, with a weight of 35,942,404 pounds. For comparison the quantities inspected for

INSPECTION OF IMPORTED ANIMALS.

The numbers and classes of animals imported from Mexico and inspected at ports of entry along the international boundary line are given in the following table:

Importation of Mexican animals, fiscal year 1901.

Port of entry.	Cattle.	Sheep.	Swine.	Goats.	Horses.	Asses.
Eagle Pass, Tex	3,640				3	6
El Paso, Tex	49,413			2	94	
Naco, Ariz	207					
Benson, Ariz	29					
Nogales, Ariz	41,682			143		2
San Diego, Cal	1,680	1,357	37	1,272		1
Total	96,651	1,357	37	1,417	97	9

Through ports on the seacoast animals not subject to quarantine were imported as follows:

From—	New York.		Boston.		San Francisco, horses.	Total.
	Horses.	Mules.	Horses.	Shetland ponies.		
Europe	1,217		23	3		1,243
Cuba	16	700				716
Brazil		2				2
Bermuda	16					16
Porto Rico	4					4
Hawaii					5	5
Manila					7	7
Mexico	3					3
China					1	1
Canada			23	1	3	27
Total	1,256	702	46	4	16	2,024

There were also 1 deer imported from Manila through San Francisco, and 6 sheep from Canada through Boston.

A report of the animals imported and quarantined at different stations will be found under the head "Miscellaneous division."

CONTROL OF CONTAGIOUS DISEASES.

Southern cattle inspection.—The supervision of the movement of cattle from the area quarantined on account of Southern, or Texas, or splenic fever of cattle, due to the presence of the tick (*Boophilus annulatus*, formerly called *Boophilus bovis*), which carries the infection, involved the proper yarding in the quarantine divisions of the different stock yards of 1,168,935 head of cattle during the quarantine season of 1900. To transport these cattle required 43,952 cars, each of which had to be placarded, and all of the waybills, manifests, and bills of lading accompanying the shipments had to state that the cattle were Southern cattle. The number of cars cleaned and disinfected was 45,425.

In Texas 307,658 cattle were inspected and identified by brands as originating outside of the quarantined district and were permitted to be moved north for grazing.

Scabies in sheep.—The number of sheep inspected in stock yards, at feeding stations, and at many places throughout the West, in order

to prevent the shipment of sheep affected with or that had been exposed to scabies, amounted to 7,912,724.

The number of sheep dipped under the supervision of Bureau inspectors was 1,034,368.

For shipments of sheep that were found free of infection certificates of inspection were given.

WORK OF THE MISCELLANEOUS DIVISION.

The miscellaneous division has a general supervision of the accounts and other work of the Bureau of Animal Industry, as follows: Salaries; reimbursement of expenses incurred by its officers and employees in travel and at various stations; apparatus and supplies for the various divisions, their laboratories, the experiment station, and quarantine station; all accounts of every character that are paid from the appropriation for the Bureau of Animal Industry; the preparation of an itemized report to each Congress, showing in detail the character of expenditures and the use of the appropriation; the making out of all appointments, transfers, promotions, furloughs, reinstatements, resignations, and dismissals; the making of requisitions and informal bids for all materials and supplies used throughout the work of the Bureau, and the necessary letter writing incident thereto, together with the supervision of the work of the animal quarantine stations. This latter work includes the inspection and quarantine of imported cattle, sheep, and other ruminants, and swine, and the making of permits for their importation and keeping the records pertaining to quarantines. The division also has charge of the preparation of replies to numerous letters requesting information in regard to the diseases of animals and poultry, their causes and treatment, and various other matters pertaining to breeds, breeding, and care of domesticated animals and allied subjects. This is the character of the routine work performed each year.

QUARANTINE OF IMPORTED ANIMALS.

The variety of kinds and the number of ruminants other than cattle and sheep imported during the fiscal year has been increased somewhat through the importations made more especially for exhibit at the Pan-American Exposition. These animals have all been subjected to inspection and quarantine, the length of the quarantine period being fixed in accordance with the requirements for the subdivision of the class to which the animal belonged.

The imports of animals from Canada not subject to detention at quarantine stations comprised 39,572 cattle, 199,325 sheep, 3,227 horses, 435 swine, 1 goat, 7 deer, and 3 elks—total, 242,570 animals.

The following table shows the number and kinds of animals detained in quarantine for the requisite time:

Number of animals imported and quarantined at different stations, fiscal year 1901.

Station.	Cattle.	Sheep.	Hogs.
Littleton, Mass.	11	128	7
Garfield, N. J.	359	270	66
Port Huron, Mich.	11	.....	.....
Sault Ste. Marie, Mich.	31	.....	2
Detroit, Mich.	5	.....	.....
Ogdensburg, N. Y.	3	.....	1
Hogansburg, N. Y.	6	.....	2
Messina Bridge.	4	.....	.....
Buffalo, N. Y.	7	.....	.....
Niagara Falls.	3	.....	.....
Richford, Vt.	10	.....	1

Number of animals imported and quarantined at different stations—Continued.

Station.	Cattle.	Sheep.	Hogs.
St. Albans, Vt.	2	-----	-----
Newport, Vt.	16	14	-----
Island Pond, Vt.	-----	3	-----
Beecher Falls, Vt.	33	10	-----
Houlton, Me.	55	73	2
Vanceboro, Me.	1	17	-----
Eastport and Calais, Me.	2	10	-----
Total.....	559	525	81

There were also imported through the port of New York and quarantined, under the supervision of the superintendent of the Garfield quarantine station, the following: Antelopes, 4; buffalo, 4; giraffe, 1; guanacos, 2; aoudads, 2; nyghaus, 2; camels, 16; goats, 9; alpacas, 2; chamois, 1; deer, 37; zebu, 1; llamas, 9; gazelles, 3; trick bull, 1; other wild animals, 24; total, 118. Add to this the animals reported in the table above, and we have a total of 1,283 imported animals that were quarantined.

An official veterinarian was stationed at London, England, in accordance with the requirements of Bureau of Animal Industry Order No. 79, issued by this Department under date of November 10, 1900, which provides for the testing with tuberculin by an inspector of this Department of all cattle over 6 months old which are to be imported into the United States. This official has tested in various parts of Great Britain 161 cattle for which a permit was desired for shipment to the United States. Of these, 18 were rejected and 143 passed. In Canada the veterinarians of this Department tested with tuberculin 491 cattle, of which 39 were rejected and 452 passed.

OUTBREAK OF MALADIE DU COÏT.

During the last quarter of the fiscal year the work of eradicating an imported infectious venereal disease of horses known as *maladie du coït*, or *dourine*, was inaugurated; but, owing to the extent of area and the semiwild condition of much of the country over which the disease had spread, as comprised in the Rosebud and Pine Ridge Indian agencies, South Dakota, and parts of Nebraska and Wyoming, little was accomplished beyond the organization of the work. A large number of range horses were rounded up, corralled, and inspected previous to July 1, among which 12 were found to be affected with the disease. These, comprising 2 stallions and 10 mares, were appraised through agreement with the owners and subsequently slaughtered.

Animals found diseased with maladie du coït and killed, and amount of indemnity paid.

Animal.	Owner.	State.	Indemnity.
Stallion	C. W. Denton	Nebraska	\$25
Mare	S. Chamberlain	do	20
Do	William Shannon	do	35
Do	do	do	35
Stallion	A. A. Lamb	South Dakota	35
Mare	P. H. Beguin	Nebraska	10
Do	A. Williams	do	20
Do	Plenty Birds	South Dakota	20
Do	C. R. Wolfenden	do	25
Do	L. E. Lessert	do	30
Do	J. H. Dixon	do	30
Do	do	do	30
Total.....	-----	-----	815

The following outline of a report, received from Dr. W. S. Devoe, the inspector in charge of the work, exhibits its character:

PINE RIDGE AGENCY, S. DAK., *June 4, 1901.*

There are five districts on this reservation—Wakpamini, White Clay, Porcupine, Wounded Knee, and Medicine Root. The animals are rounded up in each district and driven to the final round-up at Pass Creek district, 47 miles from the agency, and then animals which have estrayed from one district to the other during the year are returned, and animals straying in from sections of the country covering 100 miles in area through Nebraska and South Dakota are claimed by owners and removed by them. At the round-up there were present at least 300 men from different sections—horse buyers from Iowa and Omaha, as well as breeders from Nebraska and South Dakota.

On finding a sorrel mare which was badly diseased I asked the name of the owner, but no one would acknowledge the ownership of the animal. It was reported by men who knew the brand that she came from the sand hills southeast of Gordon, Nebr. I assumed the responsibility in case a claim was made for indemnity, killed the mare, and made a post-mortem examination to give those present an opportunity to learn more of the nature of the disease. The lesions of *maladie du coit* were very pronounced.

It was the desire of the breeders and owners of the horses present that the other diseased animals found should be killed on the spot; but not knowing who the owners were, and wishing to show the people of this section the disease in its various stages, they were removed to the agency.

Several diseased animals have been slaughtered without indemnity, as they were unclaimed.

WORK OF THE BIOCHEMIC DIVISION.

ROUTINE WORK.

The routine work of preparing and shipping branding ink, tuberculin, and mallein has been continued as heretofore. This division has shipped about 560 gallons of branding ink for use in marking inspected meats, 44,410 doses of tuberculin, and 7,188 doses of mallein. The routine work in connection with serum experiments, hog cholera, and swine plague have been continued. A large number of herds were treated in the West during the summer and fall of 1900 and the spring of 1901, and the work is being continued at the present time. In general, the results have been of an encouraging character. At the same time, in some herds other factors have arisen for consideration, which have been and are now being investigated with the hope of throwing additional light on the methods of handling these troublesome diseases.

All this work has entailed a large amount of routine work in the preparation of cultures for the inoculation of animals, in the preparation of serum, and especially in the identification of cultures obtained from herds in the West which have been under treatment. In the progress of this work a number of new varieties of bacilli belonging to the hog-cholera group have been isolated, and other important properties and variations have been carefully studied.

LABORATORY WORK IN TUBERCULOSIS.

The work in connection with tuberculosis has been continued. A number of germs from different species of animals have been secured and cultures made with the purpose in view of obtaining sufficient material for continuing the biochemical and other investigations already begun. The experiments with the serum for tuberculosis in the human being have also been continued at one of the sanitariums in New York, and the results, as reported by the physician in charge,

are of a very encouraging character. Some feeding experiments on chickens have also been conducted during the year, and the results are about ready for publication. A number of routine analyses and examinations have been made as the work demanded. A large number of investigations in connection with tuberculosis, in addition to those already named, have been begun, and special attention will be given to the injury to man from bovine, or rather animal, tuberculosis.

There has been some investigation in connection with milk, and arrangements have been made for a careful study of the bacteriologic and biochemic factors in the production of flavor in butter and cheese. This work will be continued as soon as possible.

Investigations along the lines indicated above will necessarily be continued during the coming year, and other subjects will be taken up as the facilities of the division will permit.

WORK OF THE PATHOLOGICAL DIVISION.

The work of the Pathological Division has been continued along the same lines as during the previous year, with the exception that increased facilities have made it possible to devote more time to the investigation of pathological anatomy. The number of specimens received from the members of the inspection division of this Bureau, as well as from outside parties, have increased by more than 200 per cent over that of any previous year.

BLACKLEG.

The preparation and distribution of blackleg vaccine have, with the increased experience of the assistants detailed to this work, become more of a matter of routine, without sacrificing any of the care and attention which this line of the work demands.

During the fiscal year there were prepared 1,582,625 doses of blackleg vaccine, and of this amount approximately 42,000 doses were discarded as not meeting the requirements for vaccine that is both safe and effective. There were distributed 1,517,560 doses among 12,013 cattle owners. This is an increase of more than 50 per cent over the previous year, when the total number of doses sent out was 1,076,150. The work in this connection has necessitated the preparation and sending of 30,490 pieces of mail, as well as the filing and tabulation of approximately the same number of letters and reports; also the writing and filing of about 20,000 cards for the personal and geographic card catalogue.

From reports received it is safe to conclude that the loss from blackleg in all herds where this vaccine has been used will fall below 1 per cent, although it is the general impression that the past year has been what is known as a "bad blackleg year" throughout the entire country. It is gathered from information received from all States and Territories that without vaccination the loss from blackleg would have been greatly in excess of that which is generally experienced. The expenses in connection with the preparation and distribution of this vaccine have not exceeded those of the previous year, when only 1,076,150 doses were distributed.

RABIES.

From numerous reports received from various parts of this country it appears that rabies is greatly on the increase among dogs and other

domesticated animals. While there has been a decrease in the number of cases of rabies actually proved to have occurred in the District of Columbia, losses from this disease have been general among the horses, cattle, sheep, and swine in Virginia and some of the Western States, notably Colorado and Missouri, as a result of bites from rabid dogs and wolves.

An outbreak of rabies among the dogs at Rochester, N. Y., in which at least one authentic case of rabies in man occurred, necessitated stringent measures by the city health authorities in order to suppress the outbreak. Inoculation experiments at this laboratory proved conclusively that the person mentioned had died of rabies, and also that one of the dogs, the head of which was forwarded from Rochester, was suffering with this disease at the time of its death.

In the stock yards of St. Joseph, Mo., the disease appeared among a shipment of cows which were known to have been bitten some time previously by a rabid dog, and which were held at the stock yards for observation. Four of these animals died with symptoms of furious rabies, and the diagnosis was confirmed by inoculation experiments made in this laboratory. Further investigations proved that a number of other domesticated animals had died with characteristic symptoms of rabies in the neighborhood from which the cows were shipped.

From the District of Columbia there were received 60 dogs, which had been killed as being suspected of rabies. Of these, 15 were proved to have been affected with the disease at the time of their death. It is known that 5 of these dogs had bitten one or more people. These people were notified of the results of the inoculation experiments, in order that they might take the necessary precautions to prevent the development of the disease. Three of these dogs were also known to have bitten cattle, horses, or other dogs.

The health authorities of the District of Columbia also forwarded the dead bodies of 2 cats, one of which proved to have been affected with rabies.

TUBERCULOSIS.

Experiments for the eradication of tuberculosis from the dairy herd at the insane asylum at St. Elizabeth, District of Columbia, have been continued, and all the reacting animals have by this time been destroyed and replaced with tuberculin-tested cows. The new herd, now consisting of 115 milch cows, will shortly be submitted to a final test, in order to ascertain whether any of the purchased animals have developed tuberculosis since they were admitted to the barns of the asylum.

Inoculation on guinea pigs with milk from the reacting cows, in order to test its infectiveness, have developed results of such a nature that it has been considered advisable to repeat them on a smaller scale before the results are published. It may, however, be mentioned that the results are strongly indicative of the frequent occurrence of tubercle bacilli in the milk of cows which have reacted to the tuberculin test, but which do not show clinical symptoms of the disease.

EXAMINATION AND DIAGNOSES OF PATHOLOGICAL SPECIMENS.

In the course of meat inspection, as carried out by the Bureau of Animal Industry, it frequently occurs that inspectors encounter pathological conditions which even the most trained eye fails to recognize. In a majority of cases the inspectors have neither facilities nor

time for histological or bacteriological investigations, and it has, therefore, become customary to forward rare or interesting pathological specimens to this division for diagnosis or for confirmation of diagnoses made by the collectors. During the past fiscal year no less than 344 such pathological specimens were received at this division, and the great majority of these were collected and forwarded by members of the inspection division. In all cases where possible the specimens were treated and preserved according to Kaiserling's method, and the anatomical preparations were added to the pathological collection of this division. At the same time the various tissues were hardened, sectioned, stained, and mounted and the collector notified of the diagnosis made upon microscopical examination. In this manner more than 2,000 permanent preparations have been made and preserved for future reference.

A great number of pen-and-ink as well as water-color sketches have also been made of the anatomical as well as the histological appearances of the specimens for the purpose of publication of a series of notes upon comparative pathology with special reference to meat inspection. A great deal of this material is now on hand and will be published with as little delay as possible.

DISEASES OF POULTRY.

Of all the various classes of domesticated animals there is probably none which suffer to the same extent from infectious and contagious diseases as do the domesticated fowls. A number of diseased or dead fowls were received during the past year for diagnosis and advice as to treatment and prevention. An outbreak of an acute and very fatal disease among a large flock of thoroughbred Plymouth Rocks in northern Virginia is of special interest. As the disease differed from all those hitherto described, a thorough investigation was made, both at the premises where the outbreak occurred and in this laboratory, and a bulletin containing the preliminary notes on an outbreak of apoptectiform septicæmia in chickens, caused by a highly virulent nonpyogenic streptococcus, has been prepared and is now ready for publication.

All the other specimens forwarded were recognized as originating from outbreaks of diseases the nature and cause of which are more or less well established, and the owners were furnished with information as to the proper means of treatment and prevention.

Under this heading may also be mentioned an epidemic eye disease which prevailed among the crows in the District of Columbia and surrounding country during the past winter. In certain localities great numbers of crows were found dead or dying, all of them exhibiting symptoms of suppurative keratitis and conjunctivitis. An investigation led to the discovery of a small micro-organism as the probable cause of this disease, but on account of failure to obtain healthy crows for experimental purposes the investigation was not brought to a satisfactory conclusion.

SKIN DISEASE IN HORSES.

During February last attention was called to a skin disease prevailing among the horses on the Umatilla Indian Reservation at Pendleton, Oreg., and specimens of hide of the affected animals were forwarded to this division for diagnosis. As several thousand horses were said

to be affected with this disease, it was of importance that a diagnosis be made and means suggested for its eradication. The probable causative agent was found to be *Sarcoptes* complicated by the presence of a vegetable fungus which has never hitherto been known to possess pathogenic properties. A bulletin has been prepared on the subject and will be published at the conclusion of a series of experiments which are now being undertaken with a view to finding a remedy for the disease.

LOCUST FUNGUS.

During the past year the Division of Entomology has undertaken a series of experiments for the eradication of locusts by means of fungus cultures, with which the swarms of locusts are inoculated. This division has cooperated in this work by preparing more than 200 tubes of these cultures for the division mentioned.

GLANDERS.

It has devolved upon this division to confirm, by means of inoculation experiments, the diagnosis of glanders among the horses and mules of the War Department which are stationed at St. Asaph, Va., after they have been submitted to the mallein test. In all cases where decided reaction has occurred the diagnosis has been confirmed, and the same has been the case with a number of mules which showed a doubtful reaction. Material from an outbreak of glanders near Ames, Iowa, was also referred to this division and the diagnosis confirmed.

ANTHRAX.

This disease has been exceedingly prevalent in all the so-called "anthrax districts" in the United States during the past year, and numerous requests for vaccine have been received. It would therefore seem advisable that the question of preparing and distributing an effective but safe anthrax vaccine be taken under consideration. Owing to the nature of this preparation it does not seem possible for commercial companies to import it in quantities and to distribute it all while still fresh; on the other hand, the importation of a limited quantity of vaccine will leave the vaccine companies without material on hand when it is most urgently needed. The thought suggests itself that experiments should be undertaken with a view to accomplishing some relief to the stock owners who are now annually meeting with losses as a result of this disease.

FIELD INVESTIGATIONS.

Salt-sick among the cattle in Florida.—During April last an attempt was made to investigate a disease known as salt-sick, or salt-sickness, which is reported to prevail to a considerable extent among the cattle of central and eastern Florida. The time selected was, however, inopportune, and no typical specimens of the disease were obtained for examination. From the information gathered it seems probable that the disease is chronic Texas fever aggravated by malnutrition and tick-worry. If, however, another opportunity presents itself the investigation will be continued this coming winter.

Spinal meningitis.—A number of outbreaks of this disease have been reported from eastern Maryland and Virginia, and in three cases

an inspector from this division was sent to the infected districts in response to urgent requests. In no case has it been possible, however, to obtain typical cases for investigation, as the animals affected had either died or recovered by the time the inspector arrived.

WORK OF THE EXPERIMENT STATION OF THE BUREAU.

HOG CHOLERA AND SWINE-PLAGUE SERUM.

The investigations concerning swine diseases, which have been conducted at the experiment station for several years, were continued throughout the year. Fully as much attention was given to the preparation of an antitoxic blood serum for the treatment and prevention of hog cholera and swine plague as in former years, and some progress was made in reducing the price for which the serum can be manufactured.

EXPERIMENTS IN IMMUNIZING AGAINST HOG CHOLERA AND SWINE PLAGUE.

In addition to the serum work, extensive experiments were made to find a method for immunizing against hog cholera and swine plague without the use of an antitoxine animal. This work has not yet given satisfactory results, but further experiments with this end in view have been planned. One of the great obstacles encountered in these investigations is the uncertainty with which a proper exposure can be obtained for treated hogs and accompanying control animals. Subcutaneous injections of apparently virulent pure cultures of hog cholera and swine-plague germs rarely produce anything more than a local inflammatory condition. Attempts to produce disease by feeding the viscera of hogs which have died of hog cholera or swine plague have failed in all but one instance in our recent work at the station, and in the case of the exception the disease was of a very mild, chronic character. It is quite possible to kill hogs by injecting cultures directly into their circulation; but by this method death is caused rather by a toxæmic overpowering of the entire organism than by an affection at all resembling hog cholera or swine plague, and hence it is questionable whether it can be used advisedly as a test for any system of immunization.

TETANUS.

No cases of tetanus occurred at the station during the year. The antitetanic serum which is prepared at the station is regularly and successfully used to immunize all the animals which, owing to their condition and the work in which they are engaged, are liable to become affected with tetanus. The two horses which supply the serum have gradually been worked up to a state where the one can bear 1,200 cubic centimeters and the other 1,550 cubic centimeters of tetanus toxine at a single injection. This toxine is so virulent that a fraction of a drop on subcutaneous injection kills a guinea pig within twenty-four hours. The antitetanic serum will be tested for its curative value as soon as an opportunity presents itself.

A peculiar effect of the tetanic serum, when used in immunizing doses, has been observed on some cattle. These cattle, within an hour after receiving an injection of from 10 to 15 cubic centimeters of the serum, begin to show edematous enlargements about the eyes,

lips, nose, vulva, and rectum. The parts at times swell enormously. The intensely stretched skin over the vulva and rectum assumes a glistening appearance and looks as if the extreme tension would cause a rupture. At times the skin of the neck and abdomen is also affected and is covered with elevations resembling the appearance present in urticaria, or nettle rash. The symptoms disappear after ten or twelve hours, and the recovery of the animal is complete. An effort has been made to determine whether the swelling is due to the antitoxine of tetanus or to something normally present in the blood serum of the horses. The question has not been finally settled and will receive more attention in the future.

TEXAS FEVER AND TICKS.

Several minor investigations concerning Texas fever were undertaken and are still in progress. Along with other work of this kind, a number of ticks were secured through the Division of Zoology from different countries which are plagued with ticks and a disease similar to or identical with Texas fever. These ticks, from Egypt, Cape Colony, Brazil, Australia, and the West Indies, are now being cultivated to obtain good specimens for study and comparison with the North American tick, which acts as the transmitting agent of the infectious material of Texas fever.

Little or no progress has been made in the search for a reliable dip to destroy ticks on cattle. A number of new dips have been tested and found unsatisfactory. Reports from several sources indicate that the ticks can be affected by substances given internally to the cattle on which they are parasitic, but tests of such substances have given no encouraging results at this station. This entire question will receive further attention in the future.

Toward the end of last summer the cattle ticks in the tick fields had become so numerous that it was necessary to spray the fences and adjoining grounds every few days, and even with this precaution the cattle in the fields near the tick fields could not be kept altogether clean. In some instances the young ticks crawled from 20 to 30 feet along the ground and up the sides of fences and buildings, where they collected in clumps of several thousand each. Ticks from these clumps in elevated positions could easily be blown considerable distances by moderately strong winds. The solution used for spraying consisted of tar, carbonate of soda, arsenic, and water. It was very effective in destroying the young ticks which had not become attached to a host, but it killed less than 75 per cent of the ticks of all sizes on the cattle which were dipped in it.

An interesting occurrence in connection with the tick experiments was the accidental presence of the parasites, on two kittens which were confined in a small house in the tick field. The house also contained a number of guinea pigs which remained perfectly clean. The ticks developed very slowly on the kittens and the latter unfortunately died before any of the ticks matured. The extreme irritation of the skin and the loss of blood were largely responsible for the death of the kittens.

EXPERIMENTS WITH RABIES.

A number of animals reported to have been bitten by rabid dogs were received at the station and were kept in confinement and under observation.

Several experiments regarding rabies were made in conjunction with the Pathological Division. One horse which was bitten and some sheep which were inoculated with material from rabid animals succumbed to the affection after showing characteristic symptoms.

OTHER WORK.

Some work was done in connection with the antitoxin experiment to determine the loss in the number of red blood corpuscles, as the result of frequent blood drawings, and the rapidity with which the animal's system is able to correct the loss by the formation of new corpuscles. Time was also given to a study of the character of the newly formed corpuscles, and to the possible modifications in the number and character of the white corpuscles of animals which receive periodic injections of septic material. Investigations along this line will be continued as time will permit.

Animals and facilities were provided the Division of Zoology for the further investigation of the sheep-scab question, and to test various drugs for the removal of parasites from the stomachs and intestines of sheep and hogs.

The Pathological Division was provided with animals and facilities for the investigation of the following diseases: Braxy and pseudo-tuberculosis in sheep, vulvitis of cattle, and an infectious disease among the cattle of a local asylum. A number of specimens of black-leg vaccine were also tested for the same division on sheep and guinea pigs.

Cattle and hogs were provided for the Biochemic Division for special experiments concerning hog diseases, and these animals were treated with material prepared by the division in accordance with instructions accompanying such material.

As in former years, a large number of small animals for experimental purposes were raised at the station and used or forwarded to the laboratories as occasion required.

Several new buildings were constructed, much necessary fencing and refencing was done, and the water system improved and extended. A fairly successful attempt was made to raise a supply of green feed for small experiment and breeding animals. Work of this kind makes excellent returns for the time and thought given to it, and it is to be regretted that the area of ground which is available for cultivation is limited to less than one acre.

The need for additional land is constantly and urgently felt. On a total of 20 acres, much of which is occupied by buildings, roadways, outdoor experiment cages, and quarantine pens, the following animals, employed in widely different experiments, together with the facilities for handling them and keeping the various infections under proper control, are collected:

(1) A herd of 72 antitoxin animals, consisting of horses, mules, cattle, and donkeys, for supplying hog cholera, swine plague, tetanus, and two kinds of tubercular serum.

(2) Several animals, a horse, cattle, and donkeys, for supplying normal serum for a variety of purposes.

(3) A herd of a dozen or more cattle, either affected with tuberculosis or being employed in experiments concerning this disease.

(4) A flock of 50 or more sheep, subjects of investigations concerning sheep scab, foot rot, blackleg, pseudotuberculosis, true tuberculosis, and various internal animal parasites.

- (5) Half a dozen cattle used in Texas-fever investigations.
- (6) Cattle on which at least half a dozen different varieties of ticks are being grown, all of which must be kept well separated and under conditions which will prevent the ticks from getting on any animals except those which are intentionally infected.
- (7) A small herd of cattle used in tick-dipping experiments.
- (8) About a hundred hogs, in special hog cholera and swine plague experiments, in which at least a dozen different bacteria, supposedly pathogenic, are being handled.
- (9) Dogs in quarantine and under observation for rabies.
- (10) Horses affected with *maladie du coit*.
- (11) Goats in special milk work.
- (12) Donkeys, hogs, calves, and monkeys, and several kinds of smaller animals in special tuberculosis investigations.
- (13) A collection of brood sows, for producing young pigs for special swine-disease investigations.
- (14) A number of normal work horses.

Our fields are so small for the animals confined in them that they remain bare of vegetation the entire year and present the appearance of a desert.

WORK OF THE DAIRY DIVISION.

A general survey of the condition of the dairy industry of the country at large was begun upon the organization of the Dairy Division. This has been continued, and special inquiries have been made, such as the status of dairy organizations, dairy schools, and facilities for technical instruction, State dairy laws, the development of foreign markets for the dairy products of this country, the milk supply of cities and towns, and laws and ordinances relating thereto. Some reports have been printed and others are in course of preparation.

As heretofore, attention is given to the collection of dairy data in general, with a view to its proper arrangement and future use. So far as the clerical force of the office permits, the material collected has been indexed for ready reference. Although necessarily much in arrears, this catalogue of dairy information is of great value and in constant use.

The routine work of the office is constantly increasing. This embraces current correspondence, with many requests for specific information from all parts of the country, and the preparation of reports and other manuscripts for publication. During the year the division has prepared four distinct publications for distribution, comprising in all 188 printed pages; most of these were liberally illustrated from original photographs obtained for the division or made by its officers. One of these reports was published in the Yearbook for 1900 and two in the current Annual Report of the Bureau, all being separately reprinted.

The chief and assistant chief of the division have visited dairy centers in ten different States and attended conventions of dairy associations and similar bodies in four of these. Rather less has been done along this line than in previous years, first, because of discontinuing the plan of employing persons for this representative service who are not regularly connected with the Department, and, second, because of the time occupied in giving attention to more distant fields of interest.

The new insular possessions of the United States and thirteen for-

eign countries have been visited during the year by officers or special expert agents of the division. The investigations thus made have embraced the most interesting dairy-producing districts of Great Britain and western Europe and the markets of Japan, China, Canada, Cuba, and St. Thomas. Materials have been thus collected for special reports now in preparation and others to be made later.

Experimental exports of dairy products from the United States, similar to those of previous years, have been made to Great Britain, to France (in connection with the Paris Exposition), to Japan, China, Cuba, and Porto Rico. It has been well established that our market for cheese in England and Scotland can be largely and profitably increased by judicious management. Butter from this country can find a place in British markets at almost any time in successful competition with the best product of other countries, provided our surplus production affords a regular supply and the prices offered become a sufficient inducement to exporters. Occasionally at irregular periods, and owing to special and temporary conditions, American butter can be sold to advantage at Hamburg and at Paris. No other market has developed on the Continent of Europe favorable for butter from the United States.

In Cuba, Porto Rico, and other points in the West Indies there are opportunities for increasing the sales of dairy products from this country. A special report upon this subject will soon be submitted. In Japan and China some openings for new trade are being found, but active Australian competition must be met. It is rather too early to express definite opinions on this subject, but it now appears necessary to raise the quality of Pacific-coast products, improve methods of packing and preserving, and obtain more satisfactory ocean transportation facilities before any considerable demand can be created in the Orient for the dairy products of the Pacific States.

Incidental to the experimental exports, fine exhibits of dairy products of the United States were made at the Universal Exposition at Paris and the annual show of the British Dairy Farmers' Association at London (October, 1900). These displays were personally supervised by the chief of the Dairy Division, and the duties connected therewith required much labor of detail at the office of the division. A report upon the dairy features of the Paris Exposition has already been submitted and published.

During the fiscal year 1901-2 the work of the Dairy Division is expected to be largely a continuation of that of the year previous, as above reported.

The investigations of productive conditions, demands of consumption and markets, made in Porto Rico and other West Indian islands by Mr. Pearson, assistant chief of the division, and in the Orient by Mr. Emery, special expert agent, will be completed and reported upon. Further experimental exports are likely to be made, based upon these reports.

Incidental to these endeavors to supply butter and cheese to markets in warm climates, and requiring long voyages without refrigerated transportation, it will probably be found necessary to make a careful study of the whole subject of preparing and packing butter for distant markets and long keeping, with exposures to high temperatures. In the same connection, further investigation of the means of producing good butter, having a high melting point and comparatively resistant to high temperature in transit and in market, is necessary.

More attention is being given every year in this country to the manufacture of cheese of foreign forms and peculiarities. Information on this subject is called for, and another field of labor for the division is thus indicated.

Material improvements are in progress in the milk supply of cities and towns. The Dairy Division hopes to follow this important subject closely and to contribute to the means and methods of attaining the desired advance in the purity and quality of market milk.

In accordance with repeated recommendations from this office, approved and embodied in successive annual reports of the Bureau and the Department, the Congress at its last session amended the act of 1891 which provides for the inspection of live cattle, the carcasses and products thereof, to include all dairy products offered for export, in order "to secure their identity and make known in the markets of foreign countries to which they may be sent from the United States their purity, quality, and grade." This new law becomes operative with the beginning of the fiscal year of 1901-2, and it is assumed that considerable work of administration and supervision will devolve upon the Dairy Division in this connection.

As collateral to the work of this division, it is hoped to conduct during the year a very full analytical examination of the various dairy products of foreign countries. Samples for this purpose have already been collected and will be greatly added to from the products found by officers and agents of the division at the foreign exhibitions and markets visited.

Some cooperative labor will be expected of the division in the course of the year under the arrangements already made with the Census Bureau for criticising and verifying the statistics of dairying in the Twelfth Census of the United States.

THE ANGORA GOAT INDUSTRY.

During the last three or four years requests for information about Angora goats have been received in increasing numbers. These requests finally became so numerous that a bulletin was issued on the subject under the title of "Information concerning the Angora goat." This bulletin contains 94 pages, 17 plates, and 1 text figure, and was designed to give answers to all the questions that are asked of the Bureau. But the demand for it was great and stimulated a desire for further information, especially regarding available land and names of breeders and dealers in mohair, subjects which could not properly be discussed in the bulletin. This has operated to increase rather than diminish the correspondence.

Angora-goat raising is in fact a rediscovered industry in the United States. For a score or more of years these goats have been raised in large numbers in Texas, New Mexico, California, and Nevada, and there has always been a ready market for their mohair; but it is only quite recently that their ability to clear land of brush, briars, and weeds has become generally known throughout the country. Now that the fact is well known there has been a great demand for these goats in those sections of the country which are suffering from the encroachment of brush and briars upon the farm and pasture lands. They have found their way into every State in the Union, as well as into Canada and Alaska.

Assured as we are that the Angora will produce an annual fleece

which is worth from \$1.25 to \$1.50; that it will destroy the brush, briars, and weeds on abandoned land, permitting the grass to follow; that its flesh is as palatable and as nutritious as that of the sheep; that its skin with the fleece attached is worth from \$1.50 to \$2.50, it would seem that Angora-goat raising is certain to develop into a permanent industry.

A farmers' bulletin on the Angora goat will soon be issued, besides the bulletin mentioned above, and the Bureau will from time to time publish such additional information as may come to hand.

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

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, for the fiscal year ended June 30, 1901.

	Salaries.	Traveling expenses.	Miscellaneous.	Total.
Meat inspection.....	\$544,169.77	\$1,910.88	\$23,067.91	\$569,148.56
Microscopic inspection.....	107,794.33	439.96	5,791.52	114,045.81
Export cattle inspection.....	57,283.33	912.38	4,440.85	62,636.56
Import cattle inspection.....	12,358.07	2,120.43	89.04	14,567.54
Contagious diseases inspection.....	63,407.31	21,093.14	1,865.07	87,265.52
Contagious diseases of horses.....	2,899.81	970.26	390.00	4,170.07
Washington and miscellaneous.....	14,830.54	2,064.51	14,058.67	30,973.72
Scientific investigations.....	14,581.02	1,334.56	9,387.75	25,303.33
Dairy division.....	1,817.63	2,567.32	6,792.45	11,178.00
Experiment station, Bethesda, Md.....	10,974.31	6.60	22,209.23	33,190.14
Hog-cholera serum experiments.....	1,299.92	1,800.21	1,323.26	4,423.39
Collecting information.....	1,238.48	485.51	-----	1,723.99
Experiments in animal nutrition.....	2,560.00	-----	-----	2,560.00
Total.....	845,054.52	36,625.96	89,416.15	971,096.63

STATUTORY SALARIES, BUREAU OF ANIMAL INDUSTRY.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON, D. C.								
D. E. Salmon.....	Chief of Bureau.....	July 1, 1896	-----	-----	\$4,000	-----	-----	-----
A. D. Melvin.....	Assistant Chief of Bureau.....	Jan. 1, 1899	-----	-----	2,500	-----	-----	-----
S. R. Burch.....	Chief Clerk.....	Jan. 1, 1897	-----	-----	2,000	-----	-----	-----
A. M. Farrington.....	Chief of inspection division.....	Jan. 1, 1899	-----	-----	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. Nörgaard.....	Chief pathological division.....	July 1, 1899	-----	-----	2,500	-----	-----	-----
McP. Reynolds.....	Assistant pathological division.....	-----do	-----	-----	1,200	-----	-----	-----
Do.....	Assistant biochemic division.....	Jan. 1, 1901	-----	-----	1,400	-----	-----	-----
Alice M. Winfield.....	Assistant pathological division.....	Feb. 15, 1900	-----	-----	1,200	-----	-----	-----

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

STATUTORY SALARIES, BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.				
				Per diem.	Per-annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
WASHINGTON, D. C.—continued.										
Thos. B. Reamy	Assistant pathological division.	July 1, 1893			\$840					
E. A. de Schweinitz	Chief biochemic division	July 1, 1899			2,500					
Marion Dorset	Assistant biochemic division.	Feb. 15, 1900			1,600					
Do	do	Jan. 1, 1901			1,800					
James A. Emery	do	July 1, 1900			1,400					
Do	do	Jan. 1, 1901			1,600					
Louise Taylor	do	Oct. 10, 1900			1,200					
Do	Assistant pathological division.	Jan. 1, 1901	June 15, 1901		1,200					
Irving Frickey	Assistant biochemic division.	July 1, 1898			1,200					
Do	Clerk	Oct. 10, 1900			1,400					
Geo. M. Ruffin	Assistant biochemic division.	Jan. 1, 1900			720					
Do	Clerk	Jan. 1, 1901			1,000					
B. B. Bagby	Assistant biochemic division.	do			720					
Tootie A. Geddes	Chief miscellaneous division	Jan. 1, 1899			2,000					
R. W. Hickman	do	Sept. 1, 1893	* Nov. 1, 1900		2,000					
Ch. Wardell Stiles	Zoologist.	Jan. 1, 1900			2,250					
Albert Hassall	Veterinary inspector	July 1, 1899			1,600					
John R. Mohler	do	June 1, 1900			1,800					
H. A. Christmann	do	Sept. 1, 1900			1,400					
J. Wm. Fink	do	June 16, 1901			1,400					
John S. Buckley	do	Mar. 1, 1898			1,200					
Do	do	Dec. 1, 1900			1,400					
E. C. Schroeder	Superintendent experiment station.	July 1, 1894			1,800					
W. E. Cotton	Assistant experiment station.	Sept. 1, 1895			1,000					
Do	Expert assistant.	Mar. 1, 1901			1,400					
George W. Brett	Assistant experiment station.	Mar. 16, 1901			1,000					
Geo. F. Thompson	Editorial clerk	July 1, 1899			1,800					
H. H. Gerdes	Clerk	Apr. 1, 1897			1,800					
Andrew J. Olin	do	do	June 30, 1901		1,600					
James M. Pickens	do	do	do		1,400					

Do.	do	Oct. 10, 1900	1,600	.....
Fannie N. Gregory	do	July 1, 1898	1,400	.....
Evelyn Lyons	do	do	1,400	.....
Mary Sullivan	do	do	1,400	.....
I. C. I. Evans	do	do	1,200	.....
Do.	do	do	1,400	.....
Mary T. Dent	do	Apr. 1, 1897	1,200	.....
Martha H. Mahon	do	Oct. 10, 1900	1,200	.....
Mary G. Marshall	do	Mar. 1, 1893	1,200	.....
Claude F. Morris	do	Apr. 1, 1897	1,200	.....
Charles C. Carroll	do	July 1, 1897	1,200	.....
Do	do	July 1, 1900	1,000	.....
Do	do	Oct. 10, 1900	1,200	.....
Nellie F. Haughton	do	July 1, 1898	1,000	.....
Do	do	Jan. 1, 1901	1,200	.....
Mary N. Barnard	do	July 1, 1890	1,000	.....
Mary E. Fagan	do	Sept. 21, 1897	1,000	.....
Mary C. Montgomery	do	July 1, 1898	1,000	.....
Beatrice C. Oberly	do	July 1, 1900	1,000	.....
Thomas A. Scott	do	Sept. 15, 1900	1,000	.....
Benj. G. Wasdon	do	Jan. 4, 1897	1,000	.....
Virginia P. Bradford	do	Aug. 1, 1900	840	.....
W. R. Brandenburg	do	May 1, 1900	840	.....
Anna C. Crain	do	June 23, 1899	840	.....
Wm. Emerson	do	Aug. 1, 1899	840	.....
Frank R. Fravel	do	Feb. 1, 1900	840	.....
Juliet King	do	June 23, 1899	840	.....
Abbie B. Knapp	do	Apr. 1, 1901	840	.....
Carrie Myers	do	Apr. 10, 1901	840	.....
Edw. J. Newmyer	do	Oct. 3, 1900	840	.....
John Roberts	do	May 1, 1901	840	.....
Wm. S. D. Haines	Illustrator	July 1, 1896	1,400	.....
George I. Hall	Fireman	Jan. 1, 1896	720	.....
James S. Lee	do	July 1, 1900	720	.....
Chas. Croghan	Messenger	do	720	.....
Asa H. Kife	do	July 1, 1896	720	.....
Wm. C. Shimonneck	do	Apr. 3, 1897	720	.....
Wm. P. Stedman	do	July 1, 1896	720	.....
Lena B. Goetz	Skilled laborer	do	660	.....
Geo. W. Scheerer	do	Jan. 16, 1898	660	.....

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY.

WASHINGTON, D. C.				
G. E. Patrick	Assistant chemist	May 1, 1901	\$1,600	\$298.10
L. S. Williams	Engraver	June 30, 1901	1,400	115.40
Granville H. Parks	Architect	Mar. 1, 1901	1,400	115.40
James M. Pickens	Clerk	May 1, 1899	1,400	384.24
Do	do	Oct. 10, 1900	1,600	

^a Transferred.

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
WASHINGTON, D. C.—continued.								
Joseph Abel	Clerk	July 1, 1900			\$1,400.00			
Louise Breedin	do	July 1, 1898			1,400			
C. O. Goodpasture	do	Jan. 1, 1900			1,400			
I. C. J. Evans	do	Nov. 1, 1898			1,200			
Do	do	Oct. 10, 1900			1,400			
Irving Frickey	do	July 1, 1898			1,200			
Do	do	Oct. 10, 1900			1,400			
Cora E. Donnelly	do	May 23, 1901	June 30, 1901		1,000		1,015.80	
Thomas A. Scott	do	Sept. 15, 1900			1,000		107.13	
R. E. L. Thompson	Carpenter	Nov. 1, 1898			1,000		165.80	
Do	do	June 16, 1901			1,000		904.10	
Chas. S. Weidman	Blacksmith	July 1, 1900			900		51.92	
Edw. J. Maloy	Expert	July 1, 1900			840		840.00	
E. M. Hollidge	Electric wireman	June 30, 1901			840		63.20	
Paul A. Hines	Laborer	July 1, 1900			720		720.00	
Sallie R. Reeves	do	May 16, 1901			720		90.95	
L. Wm. Thavis	do	July 1, 1898	Feb. 13, 1901		720		350.27	
John H. Gaskins	do	May 1, 1898			600		600.00	
Cornelius W. Towers	do	Nov. 16, 1900			600		374.96	
August L. Dahler	do	Oct. 7, 1899			\$1.50		438.00	
Do	do	Oct. 1, 1900			480		244.00	
E. Belle Harden	do	July 1, 1900	Jan. 3, 1901		480		236.63	
Wilmena Mozzie	do	Jan. 4, 1901			480		480.00	
Ida E. Hendley	Charwoman	Feb. 1, 1899			240		178.66	
Martha Barrett	do	Feb. 1, 1900			240		71.74	
Eliz. Fleming	do	Sept. 13, 1900			240		118.28	
A. F. E. Silliman	Telegraph and telephone operator.	Sept. 19, 1899	Oct. 6, 1901		a 100.00			
Lida Anderson	Laborer	Apr. 1, 1900	June 4, 1901		a 60.00		638.00	
Robt. Bilsborough	do	May 1, 1901			a 50.00		100.00	
H. Maria Padon	do	July 1, 1900			a 50.00		150.00	
Royal G. Stockman	do	June 1, 1900			a 50.00		600.00	
John L. Taylor	do	June 12, 1901			a 50.00		31.67	
Sadie S. Berlin	do	May 4, 1901			a 40.00		76.13	
Corinne F. Easton	do	Jan. 1, 1901			a 40.00		240.00	
Alfred H. Hollidge	do	Mar. 17, 1900			b 1.50		472.89	
Do	do	Oct. 10, 1900			a 40.00			
Robt. R. Whitteaton	do	Jan. 12, 1901			a 40.00		225.81	

James K. Kerr, jr	Plumber	Dec. 21, 1898						203.00	
Oscar A. Phillips	Laborer		1.50					36.00	
Moses Johnson	do		1.00					6.00	
D. E. Salmon							Traveling expenses		\$245.48
A. D. Melvin							do		406.77
S. R. Burch							do		194.43
R. W. Hickman							do		106.30
Toolie A. Geddes							do		69.40
Edw. J. Newmyer							do		37.35
J. Wm. Fink							do		10.00
Geo. G. Hill							do		69.60
James W. Wilson							do		\$50.00
Irving Frickey							do		36.95
Geo. Wm. Hill							do		7.55
Joseph M. Good							do		24.00
Edw. B. Jones							do		2.35
S. E. Bennett							do		83.05
W. W. Long							do		9.50
W. C. Pennywitt							do		29.88
G. H. Parks							do		36.70
Pennsylvania E. R. Co							do		18.45
Baltimore and Ohio R. R. Co.							Transportation, Salmon, Melvin, et al.		168.45
Galveston, Houston and San Antonio Rwy.							do		147.50
The Rio Grande Western Rwy.							Transportation, A. D. Melvin.		48.70
Pittsburg, Cincinnati, Chicago and St. Louis Rwy.							do		22.40
Burlington and Missouri R. R. in Nebraska.							Transportation, R. W. Hickman et al.		29.75
Kansas City, St. Joseph and Council Bluffs R. R.							Transportation, A. D. Melvin.		10.40
The Missouri Pacific Rwy. Co.							Transportation, Melvin and Burch.		11.70
Chicago and Northwestern Rwy. Co.							Transportation, S. R. Burch.		33.55
Chicago, Rock Island and Pacific Rwy. Co.							Transportation, Melvin and Burch.		19.50
Southern Rwy. Co.							Transportation, S. R. Burch.		21.20
Northern Pacific Rwy. Co.							Transportation, Geo. Wm. Hill.		31.75
Lake Shore and Michigan Southern Rwy. Co.							Transportation, A. D. Melvin.		12.85
The Chesapeake and Ohio Rwy. Co.							do		10.00
The Atchison, Topeka and Santa Fe Rwy.							Transportation, Melvin and Burch.		54.00
Oregon Short Line R. R.							do		8.15
							do		23.30

^b Per day.

^a Per month.

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
WASHINGTON, D. C.—cont'd.									
Gulf, Colorado and Santa Fe Rwy.						Transportation, Melvin and Burch		\$8.25	
W. B. Moses & Sons						Carpet, desk, chairs, etc.			\$741.75
Thos. Somerville & Sons						Plumbers' supplies			986.73
John C. Parke						Stationery			654.70
Page Woven Wire Fence Co.						Wire fence and gates			811.25
The Spectator Co.						Tate arithmometer			400.00
Electro-Tint Engraving Co.						Illustrations for bulletins			990.00
D. Frank Parker						Typewriter supplies			150.45
Wyckoff, Seamans & Benedict.						Typewriter paper and re- pairing.			169.31
M. Du Perow						Electric fans and batteries			118.90
Rudolph, West & Co.						Hardware, brooms, and brushes.			309.96
James B. Lambie						Hardware, belting, and as- bestus.			103.48
R. Carter Ballantyne						Baskets, wax, pens, and tags			137.97
United States Envelope Co.						Envelopes			344.33
The Beveridge Lumber Co.						Cedar posts			560.00
Church & Stephenson.						Lumber			198.40
United Typewriter and Supply Co.						Densmore typewriters			380.00
S. P. Johnson						do			125.00
Wagner Typewriter Co.						Underwood typewriters			217.00
Adams Express Co.						Expressage			281.40
United States Express Co.						do			27.99
The Geo. W. Knox Express Co.						do			26.16
The Chesapeake and Potomac Telephone Co.						Telephone			227.55
Western Union Telegraph Co.						Telegrams			160.88
Postal Telegraph Cable Co.						do			36.59
T. F. McGrew						Manuscript for bulletin			200.00
George E. Howard						Drawings of fowls			190.00
John H. Ackerman						Brown gelding			200.00
United States Electric Lighting Co.						Electric current.			77.19

Keyhoe Livery and Trucking Co.	Wagon and harness	120.00
The Scovill & Adams Co., of New York.	Zeiss lens	50.00
R. P. Clarke Co.	Dusters and cloth	37.50
J. Manz Engraving Co.	Engravings of goats	69.00
J. A. Craig	Manuscript for stock bulletins.	66.00
Pearre E. Crowl Co.	Rubber for stamps	64.80
Eberhard Faber	Rubber bands	86.42
Gatchel & Manning	Plates of Angora goats	66.00
Library Bureau	Guides, cards, etc.	86.73
J. T. Thomson	Printed envelopes	36.00
Chas. R. Edmonston	Water cooler and glasses	30.80
Fred A. Schmidt	Architects' materials	29.38
J. P. Na wrath	Sponges and twine	29.78
Barber & Ross	Shears, brushes, and pans	31.50
Hugh Reilly	Glass and glue	24.95
Eureka Blotter Bath Co	Copying baths and blotters	34.50
E. J. Maloy	Bicycle and lamp	23.00
Charles Becker	Linseed oil	12.00
J. S. Woodhouse	Wheel, plow, etc	12.95
James S. Topham	Instrument case	15.40
Wm. H. Rupp, agent	Envelopes	21.25
Geo. F. Muth & Co.	White lead and turpentine	25.15
Bausch & Lomb Optical Co.	Cablegram	10.36
T. W. Smith	Doors and windows	16.89
Capital Traction Co.	Street-car tickets	10.00
Rochester Optical and Camera Co.	Photo-plate holders	9.60
Richard L. Lamb.	5 dozen pads	6.75
Leo Baum	Photographs	4.00
Mackall Bros	Roach paste, soda, etc.	6.25
Houghton & Delano	Prints for report	4.64
Wilcox & Harvey Manufacturing Co.	Ear markers and punches	4.60
Mittag & Volger	Carbon paper	9.60
The Maurice Joyce Engraving Co.	Engraving plate	1.00
The J. C. Ergood Co	Sapolio	2.25
Ernest Betz	Sheet iron and repairing	4.50
G. W. Marshe	Certifying to copy of law	2.75
Philip Lindemeyr	Pad ink	1.32
American Sheep Breeder	Illustration of Angora goat	2.40
F. P. May & Co	Mouse traps	1.50
Geo. P. Hall & Son	Photos of ships	4.80
C. D. Gilman	Chemical thermometers	2.35
C. S. Braisted	Pencils	1.97
Blue Line Transfer Co	Hauling	1.00
Fredk. Springmann	Alarm clocks	.81
F. H. Lovell & Co	Bulletins and binding	4,056.35
The Public Printer		

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
WASHINGTON, D. C.—cont'd.									
Fremont, Elkhorn and Missouri Valley R. R.						Transportation, Dr. Melvin		\$14.08	
The Sioux City and Pacific Rwy.						Transportation, U. G. Houck		9.52	
Total.						\$14,850.54		2,004.51	\$14,088.67
SCIENTIFIC INVESTIGATIONS.									
Marion Dorset.	Assistant, biochemic division	Feb. 15, 1900		\$1,600			900.00		53.51
Do.	do.	Jan. 1, 1901		1,800					
Chas. M. Day.	Inspector	Jan. 1, 1899		1,400			465.40	122.16	183.05
John S. Buckley	Veterinary inspector	Mar. 1, 1898		1,200			488.90		
Do.	do.	Dec. 1, 1900		1,400					
H. A. Christmann.	Assistant inspector	Feb. 1, 1898		1,200			202.20		
Do.	do.	Sept. 1, 1900		1,400					
Do.	do.	May 23, 1898		1,200			411.54	45.40	
Do.	do.	June 16, 1901		1,400					
John Wm. Fink	do.	July 1, 1900		1,200			850.55		
Jos. M. Good	do.	Feb. 23, 1899		1,200			103.30	17.25	
Burton R. Rogers	do.	June 1, 1900		1,200			188.90	36.50	
Louise Taylor	Assistant, pathological division.	Jan. 1, 1901	June 15, 1901	1,200			182.88		
E. W. Brown.	Expert poultry investigator	Oct. 16, 1900		1,200			841.29		
Thos. Clarke.	do.	Feb. 15, 1900	Aug. 27, 1900	1,200			189.14		
Jas. R. Stewart	Expert in laboratory work	do.		1,200			1,200.00		
Stuart H. Beckley	Clerk	May 14, 1900	July 31, 1900	1,000			84.20		
W. S. Stamper	Messenger in laboratory	Jan. 1, 1901		840			840.00		
Reverdy Davis	Laborer—messenger	May 1, 1901	June 30, 1901	720			120.70		
S. D. Castleman	Laborer	July 1, 1900		720			720.00		
B. B. Bagby	do.	May 1, 1900		a 45.00			270.00		
Do.	Assistant, biochemic division	Jan. 1, 1901		720					
Geo. W. Stiles, jr	Scientific aid	June 1, 1901		480			39.60		
Fanny Tyson	Laborer.	May 1, 1900		a 60.00			720.00		
M. W. Lyon, jr	Aid.	June 1, 1901		a 50.00			50.00		
Wm. Alexander	Laborer.	July 1, 1898		a 50.00			600.00		
Alice Henderson	do.	Feb. 26, 1900		a 50.00			600.00		
Walter L. Stewers	do.	Oct. 23, 1899		a 50.00			600.00		
F. D. Encke	do.	July 19, 1900		a 40.00					
Do.	do.	Jan. 19, 1901		a 50.00			510.97		

Victorine E. Johnson.....	do.....	Apr. 1, 1900	a 40.00			505.00	
Do.....	do.....	Apr. 16, 1901	a 50.00			456.77	
Alfred C. Cassell.....	do.....	July 19, 1900	a 40.00			130.95	
A. N. Irwin.....	do.....	July 1, 1900	a 40.00	Oct. 9, 1900		406.45	
Funice R. Oberly.....	do.....	Aug. 27, 1900	a 40.00			442.58	
Annie E. Phillips.....	do.....	July 30, 1900	a 40.00			480.00	
Louise Douglas.....	Charwoman	Oct. 1, 1897	480			480.00	
Jennie Jones.....	do.....	July 1, 1900	480			480.00	
Kate Wasson.....	do.....	do.....	480			136.05	276.25
E. A. de Schweinitz.....	do.....						
V. A. Nørgaard.....	do.....						
Ch. W. Stiles.....	do.....						
J. R. Mohler.....	do.....						
Pennsylvania R. R. Co.....	do.....						
Baltimore and Ohio R. R. Co.....	do.....						
Southern Rwy. Co.....	do.....						
San Antonio and Aransas	do.....						
Pass Rwy. Co.....	do.....						
New York, Texas and Mexi-	do.....						
can Rwy.....	do.....						
The Missouri Pacific Rwy.	do.....						
Co.....	do.....						
The Chesapeake and Ohio	do.....						
Rwy. Co.....	do.....						
Chicago and Alton Rwy. Co.....	do.....						
Savannah, Florida and	do.....						
Western Rwy.....	do.....						
J. Harrison Johnson & Son.....	do.....						
Mackall Bros.....	do.....						
Z. D. Gilman.....	do.....						
Bausch & Lomb Optical Co.....	do.....						
Washington Gas Light Co.....	do.....						
American Ice Co.....	do.....						
W. B. Moses & Sons.....	do.....						
Library Bureau.....	do.....						
United States Electric	do.....						
Lighting Co.....	do.....						
Geo. E. Howard & Co.....	do.....						
United States Envelope Co.....	do.....						
Ernest Burgdorf.....	do.....						
J. A. Cooper.....	do.....						
W. C. Williams.....	do.....						
Church & Stephenson.....	do.....						
Wm. Kraft.....	do.....						
Thos. Somerville & Sons.....	do.....						
Houghton & Delano.....	do.....						
Edw. S. Schmidt.....	do.....						
	Traveling and miscellane-						
	ous expenses.....						
	do.....						
	do.....						
	Traveling expenses.....						
	Freight and passenger trans-						
	portation.....						
	do.....						
	Transportation, C. W. Stiles.....						
	do.....						
	do.....						
	do.....						
	Transportation, J. M. Good.....						
	do.....						
	Transportation, J. R. Mohler.....						
	do.....						
	Transportation, V. A. Nørg-						
	gaard.....						
	Rents of laboratory.....						
	Drugs and chemicals.....						
	Thermometers and syringes.....						
	Condensers, objectives, jars,						
	etc.....						
	Gas.....						
	Ice.....						
	Linoleum and furniture.....						
	Card case, cards, and guides.....						
	Electric current.....						
	Blackleg envelopes.....						
	do.....						
	Hire, horse and buggy.....						
	do.....						
	do.....						
	Lumber.....						
	Stages, objectives, and slips.....						
	Pipes, valves, and lead.....						
	Photo apparatus.....						
	Guinea pigs.....						

^a Per month.

1,800.00
 937.51
 350.04
 948.05
 372.70
 226.43
 447.05
 113.45
 160.02
 103.50
 112.70
 360.00
 139.88
 11.00
 133.91
 384.45
 122.21
 170.82
 300.00

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
SCIENTIFIC INVESTIGATIONS—continued.									
C. T. Kent						Yearling calves			\$118.00
J. B. Archer						do			102.00
James Laughlin						do			93.00
James Vincent						Yearling calf			25.00
W. H. Jenkins						do			25.00
J. H. & G. T. Teachout						do			15.00
C. N. Stevens						do			11.70
John C. Parker						Cases and index			25.00
W. G. Orr & Co						Bottles and wire baskets.			80.00
W. L. Van Duzer						8 head of cattle			80.50
Eimer & Amend						Mufflers, tubes, bulbs, etc			88.50
M. Du Perow						Electric fans and lamps			100.00
Thos. Clarke						Manuscript for bulletin			89.25
Wagner Typewriter Co						Underwood typewriter			92.40
Leidy S. Depno						White oats			35.00
David Pufferling						1 horse			34.50
Dufur & Co						Animal cages			32.00
Ernest Betz						Repairing skylight, etc.			49.80
Charles R. Edmonston						Cooler, crocks, and pans			25.75
The Chesapeake and Potomac Telephone Co.						Telephone			44.62
A. L. Webb & Sons' Branch						Beakers, flasks, and tubing			222.81
The American Distributing Co.						Barrel of alcohol			22.92
New York Prism Co						do			47.00
Joseph Mathy						Prism canopy			64.00
Charles Lentz & Sons						Galvanized iron pipe			10.05
E. Morrison Paper Co						Centrifuge and tubes			6.00
The Kuy-Scheerer Co						Gummed photo			12.40
F. Král						Syringe barrels			10.75
R. P. Clarke Co						Bacteriological cultures			14.07
R. Carter Ballantyne						Towels and toweling			21.25
Bonj. H. Shoemaker						Pens, wax and tags			24.00
Hugh Keally						Specimen glass			24.86
The American Press Information Bureau.						Glass and French zinc			20.00
Radolph, West & Co						Clippings			18.01
						Hardware, rope, and hose			

Eugene Tilden.....	Sign markers.....						10.00
F. D. Kerchum.....	Tuberculosis expenses.....						6.34
The Baker & Adamson Chemical Co.....	Asbestos.....						3.20
William H. Rupp.....	Druggist twine.....						3.75
Harris & Shafer Co.....	Soldering boxes.....						1.30
Williams, Brown & Earle.....	Specimen jars.....						6.64
Chas. Kettler.....	Butchers' coats.....						8.25
Merchants' Parcel Delivery Co.....	Freight.....						1.93
Asbestos Paper Co.....	Asbestos paper.....						2.70
Weykoff, Seamans & Bene- dict.....	Card cylinder.....						2.35
James S. Topham.....	Extension case.....						1.15
Geo. F. Muth & Co.....	Gasoline.....						.85
Total.....		\$14,581.02	\$1,334.55				9,387.75
DAIRY DIVISION.							
Frank E. Emery.....	Special expert agent.....	Mar. 16, 1901		^a \$175.00			615.32
George L. McKay.....	Agent and expert.....	May 2, 1901		^b 8.00			400.00
W. D. McArthur.....	Special dairy agent.....	Aug. 1, 1889		^b 6.00			300.00
David M. Nesbit.....	Special agent.....	Sept. 15, 1900		^b 5.00			300.00
Henry F. Blount, jr.....	Laborer.....	July 16, 1900	Sept. 8, 1900	^a 40.00			71.32
Joseph D. Rogers.....	do.....	May 9, 1900		^a 50.00			40.99
W. I. Posey.....	do.....	May 1, 1901		^a 30.00			60.00
Mary Anderson.....	Charwoman.....	July 1, 1900			\$240		240.00
H. E. Alvord.....							787.49
R. A. Pearson.....							139.50
McP. Reynolds.....							14.50
G. E. Patrick.....							47.60
Toyko Kisen Kaisha.....							2.42
Illinois Central R. R. Co.....							397.50
The New York and Porto Rico Steamship Co.....							16.94
Pennsylvania R. R. Co.....							55.00
Grand Trunk Rwy.....							17.00
Pere Marquette R. R. Schwarz & Sulz Co.....							5.05
The Chesapeake and Potomac Telephone Co.....							6.90
John C. Parker.....							525.69
Houghton & Delano.....							27.00
United States Envelope Co.....							12.15
Chas. R. Edmonston.....							64.83
James S. Topham.....							30.12
							17.18
							6.90

^b Per day.

^a Per month.

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
DAIRY DIVISION—continued.									
D. Frank Parker						Carbon paper			\$2.50
Leo Baum						Photos for bulletins			34.50
S. Kamm Sons & Co.						Muslin			1.20
R. Carter Balaityne						Labels			.32
Z. D. Ghuman						Thermometers			12.50
W. B. Moses & Sons						Wardrobe, chair, rugs, etc.			71.70
Thos. Somerville & Sons						Fair-bank valves			6.24
The Paterson Parchment Paper Co.						Parchment paper			2.00
Publishers and Printers' Engraving Co.						Engraving of photos			7.31
Standard Oil Co.						Paraffin			9.90
Yawman & Erbe Manufacturing Co.						Index and cases			7.20
Western Union Telegraph Co.						Telegram			.90
Wyckoff, Seamans & Benedict.						Repairing typewriter			.25
J. Manz Engraving Co.						Engraving of photos			48.00
Goodyear Rubber Co.						Rubber sleeves			5.75
United States Express Co.						Expressage			14.33
J. E. Dunn						Hauling butter			17.85
Rosemary Creamery Co.						Butter			363.72
The Franklin County Creamery Association.						do			369.85
Springbrook Creamery Co.						do			224.04
Hanford-Hazelwood Cream Co.						do			241.27
S. Foster & Co.						do			370.47
Albert Lea Dairy Association.						do			73.73
Montagne Cooperative Creamery Association.						do			36.25
Geo. L. McKay						do			29.40
H. J. Evans						do			23.20
Armour & Co.						do			30.00
Hunter, Walton & Co.						do			14.03
Simpson, Melville & Co.						do			25.00
Steinhardt & Kelly						do			38.00

Lestrade Bros	do	15.60
Chas. P. McCabe & Son	do	13.95
Levanage Creamery Co.	do	15.45
Mrs. J. R. Miller	do	3.57
Bark River Cheese Co.	do	6.16
Fosters' Creamery Association.	do	5.37
The Bridgewater Hills Creamery Co.	do	1.80
W. A. Carpenter	do	4.60
J. K. Bennett	do	5.88
Mowbray & Robbins	do	2.34
H. A. Shellenberger	do	3.78
Carrie J. Nelson	do	3.64
F. W. Culbertson	do	3.00
H. N. Slater	do	4.50
Wm. D. Saunders	do	4.62
Dairymen's Union of California.	Butter and cheese	25.71
Brigham, Hoppe & Co.	do	75.92
Eastern Shore of Virginia Produce Exchange.	Sweet potatoes	150.00
B. A. Headley	do	47.31
Miller Bros. & Co.	do	12.00
O. S. McChesney	do	27.50
Crosby & Meyers.	Cheese	108.46
C. E. Udell & Co.	do	66.39
Alvah L. Reynolds	do	28.78
The Chandler & Rudd Co.	do	14.40
M. Benson	do	33.69
Lewis Ladrach	do	12.72
Roethlisberger & Gerber	do	14.82
A. F. McLaren Imperial Cheese Co., Limited.	do	16.80
John S. Martin & Co.	do	8.14
Maine Condensed Milk Co.	Condensed milk	20.40
Dodge, Sweeney & Co.	Condensed cream	37.50
J. H. Newbauer & Co.	do	50.05
Gem Fibre Package Co.	Butter boxes	8.50
Cornish, Curtis & Greene Manufacturing Co.	do	3.35
A. H. Reid	do	14.62
Benj. Sharpless	Butter box	1.25
I. Walter Michener	Butter tub	4.50
H. Hayward	Manuscript on cheese	125.00
W. H. Wray	Freight on potatoes	49.76
Coons & Cole	do	8.26
The Merchants' Refrigerating Co.	Inspecting and hauling butter.	429.99
Ocidental and Oriental Steamship Co.	Freight on dairy products	20.10
Pacific Mail Steamship Co.	do	39.00

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Disbursements.						
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.	
DAIRY DIVISION—cont'd.										
The Public Printer										
The Chicago and Northwestern R. R.						Bulletins.		\$62.50		\$2,040.19
Total						Transportation, F. E. Emery		\$1,817.63	2,567.52	6,792.85
EXPERIMENT STATION, BETHESDA, MD.										
W. E. Cotton	Assistant superintendent, experiment station.	Sept. 1, 1885		\$1.00					470.60	
Do.	Expert assistant.	Mar. 1, 1901			1.400				550.90	
George W. Brett	Skilled laborer.	July 1, 1888			780				730.00	
Taylor Price	do	do			500				500.00	
John Richards	Laborer.	July 1, 1886			480				482.49	
Herbert Henderson	do	Apr. 16, 1901							720.00	
Do.	do	July 1, 1900							40.65	
J. A. Moxley	do	July 1, 1886		\$90.00					600.00	
Flagler H. Phillips	do	Jan. 1, 1900		50.00					600.00	
Harry B. Myers	do	do		50.00					600.00	
J. W. Stewart	do	Jan. 1, 1900							516.77	
John W. Shipley	do	Aug. 6, 1900								
Do.	do	Oct. 10, 1900								
Marvel B. Greene	do	Apr. 1, 1900	Sept. 15, 1900						100.00	
Wm. R. Poore	do	July 1, 1900							480.00	
H. E. Suit	do	July 1, 1886							480.00	
Fritz Voigt	do	July 1, 1900							480.00	
Wm. Walton	do	Aug. 1, 1886	Sept. 7, 1900						88.00	
B. E. Peckwith	do	Jan. 1, 1900							420.00	
Geo. M. Stadler	do	July 24, 1900							406.00	
Do.	do	Nov. 22, 1900								
James B. Birch	do	Feb. 1, 1900							360.00	
James Branch	do	July 17, 1886							360.00	
John Fletcher	do	Sept. 1, 1886							30.00	
John Hill	do	May 27, 1901							314.00	
Wm. J. Mahaney	do	Apr. 25, 1900	May 15, 1901						271.00	
Frank Matthews	do	Sept. 24, 1900							360.00	
Wm. T. Pugh	do	Aug. 8, 1886							360.00	
Wm. H. Pyles	do	Apr. 27, 1900							360.00	

L. A. Pyle	do	Aug. 1, 1900	\$31.00	Traveling expenses	30.00
John Warren	do	Apr. 6, 1900	*31.00	Station expenses	92.01
Perry Collins	do	do	62.50	Live stock and feed	9,668.04
Rich. E. Seek	do	May 2, 1901	62.50	Corn, oats, meal, and bran	4,481.00
do	do	do	61.00	Lumber	2,442.29
do	do	do	61.00	Hardware, rope, etc	535.19
do	do	do	61.00	Hydrants, tank, cement, etc	507.05
Alex. Washington				Hogs	487.68
W. C. Pumpwitt				Microscopic apparatus	455.40
E. C. Schroeder				Telephone	220.00
A. Wilson & Bro.					
W. M. Galt & Co.				Thermometers, fur, etc.	193.09
Church & Stephenson				Sulphur, alumin. and drugs	173.54
Rudolph, West & Co.				Horseshoeing	114.44
Thos. Somerville & Sons				Constructing water tank	502.92
Edw. B. Markham				Paints, lead and putty	131.21
The Chesapeake and Potomac Telephone Co.				Furnace and connections	157.50
Z. D. Gilman				Hauling coal	125.00
Mackall Bros				Coal	162.24
Geo. C. Walker				do	96.21
Geo. F. Math & Co.				Fire extinguishers	186.00
Ernest Betz				Harness, whips and brooms	112.00
Littfield, Alford & Co.				Linsed oil and buckets	108.78
Wm. J. Zeh				One horse	140.00
Johnson Bros				Top buggy	180.00
Wm. H. Beck				Paving brick	180.00
Lutz & Co.				Hardware	99.19
Charles Becker				Disinfecting tanks	85.40
F. Clark				Refrigerator, desk, and chairs,	69.15
The McDermott Carriage Co				Prepared feed	64.00
The Standard Brick Co				Beakers and flasks	52.90
James B. Lambie				Clocks	50.56
Smith & Pomeroy				Hay-cutter, chains, and cable	54.75
W. B. Moses & Sons				Telephones and batteries	30.25
Edw. S. Schmid				Paints and glass	37.69
Whitall, Tatum & Co				Towels, cloth, and linen	47.88
Lovell & Co				Sawp and sapolio	27.50
Estate of W. I. Brooke				Cylinders and squares	17.70
I. G. Omdorff				10 barrels lime	7.50
M. Du Perow				Sand	23.00
Hugh Reilly				Water motor and tubes	24.00
R. P. Clarke Co				Harness, straps, and rye	24.75
The J. C. Ergood Co					
Bausch & Lomb Opt. Co					
J. T. Walker Sons					
Robert Burrows					
Simeon Treimer					
P. Mann & Co.					

* Per month

^b Per day.

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
EXPERIMENT STATION, BETHESDA, MD.—continued.									
Geo. C. Walker						Smokestacks			\$24.00
Standard Oil Co						White oil			11.44
The Geo. W. Knox Express Co.						Drayage on tanks			12.00
The Okonite Co., Ltd						Okonite wire			15.00
M. G. Copeland & Co						Ensign flags			6.90
Emil Griner						Glass graduates			4.22
Chas. R. Edmondston						Tin buckets			1.80
Louis Harbig						Hardware			4.01
J. H. Bunnell & Co.						Electric supplies			4.48
J. Baumgarten & Sons						Letters, plates, and ink			3.00
The Chesapeake Electric Co						Insulators and screws			1.53
W. H. Butler						Neat's-foot oil			1.00
J. Frank Turner						Copy of act in Maryland			.75
National Electric Supply Co						Electric switches			.36
Total							\$10,974.31	\$6.60	22,269.23
CONTAGIOUS DISEASES OF HORSES.									
W. S. Doyce	Inspector	June 1, 1893			\$2,500			763.15	
Do	do	Feb. 15, 1901			2,000			23.90	
W. A. Thomas	Agent	May 23, 1901	June 30, 1901		1,500		164.81	300.00	
Elwin T. Davison	Assistant inspector	Apr. 1, 1901			1,200		32.50	81.57	
Adelbert Green	Laborer	June 14, 1901			\$2.50			81.62	
Burlington and Missouri River R. R. in Nebraska.						Transportation, W. S. Dev- ice.		17.20	
The Missouri Pacific Ry. Co.						Transportation, E. T. Devi- son.		2.82	
do						do			
Fremont, Elkhorn and Mis- souri Valley R. R.						2 mares			43.00
L. B. Lessert						do			70.00
Wm. Shannon						do			60.00
John H. Dixon						do			60.00
George Bower						1 mare			35.00
A. A. Lamb						1 gelding			25.00
C. E. Wolfenden						1 Pinto mare			25.00

Inspector	Date	Sex	Age	Value	Total
Chas. W. Denton	Dec. 1, 1898	1 stallion	1,600	970.26	25.00
Saml. Chamberlain	Oct. 1, 1899	do	1,400	593.57	20.00
Alex. Williams	Jan. 1, 1901	1 mare	1,600	809.92	20.00
Plenty Birds	July 1, 1900	do	1,400	230.85	20.00
Paul H. Beguin	do	do	1,400	577.63	10.00
Total				970.26	390.00
CONTAGIOUS DISEASES IN- SPECTION.					
John McBirney	Dec. 1, 1898	Inspector	1,600	800.00	
Rice P. Streddom	Oct. 1, 1899	do	1,400	593.57	
Do.	Jan. 1, 1901	do	1,600	809.92	7.50
Harry B. Adair	do	do	1,400	230.85	
Leslie J. Allen	do	do	1,400	577.63	
O. G. Atherton	do	do	1,400	191.85	
Thos. A. Bray	Feb. 1, 1900	do	1,400	232.10	
Lowell Clarke	June 1, 1900	do	1,400	124.00	
Fredk. W. Hopkins	do	do	1,400	879.70	
Louis A. Robinson	do	do	1,400	53.23	1.94
Frank T. Shannon	Jan. 1, 1897	do	1,400	238.50	
Arthur R. Wake	Sept. 1, 1898	do	1,400	156.85	
Richard J. Blanche	Jan. 1, 1899	do	1,400	470.60	
Do.	Feb. 23, 1898	do	1,400	32.45	
Do.	Mar. 1, 1901	do	1,200	236.00	
Levi P. Beechey	July 15, 1898	Assistant inspector	1,400	1,207.30	
Do.	do	do	1,200		
Do.	June 24, 1901	do	1,400	741.95	
Fredk. T. Dolan	Apr. 1, 1898	do	1,200		
Do.	Apr. 1, 1901	do	1,400	398.79	
Thomas Castor	Apr. 1, 1897	do	1,400		
Do.	Apr. 1, 1901	do	1,200	1,316.80	
Allen A. Holcombe	Dec. 1, 1900	do	1,400	754.55	
Do.	Aug. 15, 1899	do	1,200		
Walter E. Howe	Nov. 1, 1900	do	1,400	1,033.20	6.25
Do.	Apr. 11, 1898	do	1,200		
J. OGIS Jacobs	May 1, 1901	do	1,400	1,233.50	
Do.	July 1, 1898	do	1,200		
John P. O'Leary	May 1, 1901	do	1,400	1,132.40	
Do.	Feb. 1, 1896	do	1,200		
Harry D. Paxson	Sept. 15, 1900	do	1,400	1,120.22	
Do.	Jan. 4, 1897	do	1,200		
Arthur M. Rork	Sept. 15, 1900	do	1,400	1,335.63	
Do.	Feb. 1, 1898	do	1,200		
Peter I. Kershner	Feb. 1, 1901	do	1,400	1,121.18	
Do.	Feb. 3, 1897	do	1,200		
Geo. W. Browning	Sept. 15, 1900	do	1,400	1,313.04	
Clinton H. Bugbee	Apr. 5, 1900	do	1,200	300.00	
H. M. Burgess	Mar. 14, 1901	do	1,200	360.00	30.20
W. F. Crewe	Apr. 8, 1898	do	1,200	900.00	263.85
Roy N. Drake	Sept. 25, 1900	do	1,200	296.73	110.46
F. C. Ells	Aug. 23, 1900	do	1,200	98.90	110.55
Wm. P. Ellenberger	Mar. 1, 1898	do	1,200	878.58	72.85
Do.	Aug. 18, 1898	do	1,200	320.14	
Do.	do	do	1,200	758.65	

Edw. Brundige	do	Jan. 16, 1894	Jan. 28, 1901	900	149.20	
Edw. A. Bundy	do	Feb. 1, 1901		900	22.25	46.30
W. R. Dennis	do	Nov. 10, 1896		900	74.20	84.50
Frank A. Ewing	do	May 1, 1894		900	46.38	86.40
David R. Hodges	do	Sept. 1, 1896		900	74.20	115.05
Wm. C. Honan	do	May 1, 1897		900	750.80	197.55
Harry L. McDonald	do	May 1, 1894		900	900.00	25.30
Albert W. Meyer	do	Feb. 15, 1896		900	75.80	
Jno. F. Schiermann	do	Apr. 1, 1897		900	887.74	
A. J. Smith	do	Feb. 1, 1901		900	39.56	38.25
Jos. M. Turner	do	Mar. 10, 1896		900	816.83	12.75
Wm. Yenner	do	Feb. 1, 1901		900	74.20	73.95
Jacob K. Skinner	Clerk	June 1, 1897		900	74.20	
Laomer West	do	Aug. 15, 1900		900	789.98	9.05
T. B. Cracroft	do	Jan. 16, 1901		840	347.70	33.95
Jay E. Williams	do	Mar. 10, 1898	Mar. 31, 1901	840	139.20	3.65
Thos. Redmond	do	Apr. 25, 1898		720	138.16	55.90
Do	Stock examiner	June 10, 1901		720	600.00	
E. S. Bennett	Tagger	Feb. 15, 1895		720	121.20	
Jas. A. Flanagan	do	May 23, 1895		720	720.00	
Walter M. Foster	do	Dec. 1, 1898		720	19.45	39.50
Miehl. Jusinger	do	July 1, 1893		720	590.66	
Jas. L. McGill	do	Aug. 13, 1900		720	62.00	
Chas. Pearson	do	June 15, 1898		720	180.00	23.60
W. E. Stoner	do	Apr. 7, 1897		720	720.00	
Hiram Graible	do	Sept. 1, 1896		720	608.00	
Ch. Wardell Stiles	do					
Saml. E. Cosford	do					
Don W. Patton	do					
E. N. Hutchinson	do					
Harry K. Walker	do					
W. R. Fleming	do					
F. D. Ketchum	do					
G. A. Lytle	do					
Louis K. Green	do					
Jno. C. Mines	do					
Union Pacific R. R. Co.	do					
Chicago, Burlington and Quincy R. R. Co.	do					
The Atchison, Topeka and Santa Fe Rwy. Co.	do					
Southern Rwy. Co.	do					
Nashville, Chattanooga and St. Louis Rwy.	do					
Louisville and Nashville R. R. Co.	do					
Chesapeake and Ohio Rwy. Co.	do					
Atlanta, Knoxville and Northern Rwy. Co.	do					
Traveling expenses	do					125.18
do	do					45.66
do	do					40.19
do	do					10.20
do	do					6.40
do	do					91.18
do	do					27.45
do	do					14.59
do	do					5.00
do	do					1.75
do	do					296.74
Transportation, Hickox, Clarke, et al.	do					73.32
Transportation, Geddes, Lantz, et al.	do					63.60
Transportation, Adair and Murphy	do					130.64
Transportation, Steddom, Dolan, et al.	do					45.53
Transportation, Steddom and Ellenberger.	do					13.50
do	do					36.35
do	do					17.85

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
CONTAGIOUS DISEASES INSPECTION—continued.									
Nashville, Chattanooga and St. Louis Rwy.						Transportation, Steddom		\$3.51	
Cincinnati, New Orleans and Texas Pacific Rwy. Co.						do		4.50	
Santa Fe Pacific Rwy. Co.						Transportation, Thos. Cas- tor.		95.60	
Great Northern Rwy. Co.						Transportation, Hickox and Rowe.		23.90	
The Oregon R. R. and Navi- gation Co.						Transportation, Hickox		22.40	
Northern Pacific Rwy. Co.						do		40.55	
The Rio Grande-Western Rwy. Co.						do		42.20	
Chicago, St. Paul, Minneap- olis and Omaha Rwy. Co.						do		7.90	
International and Great Northern R. R.						do		9.20	
Missouri, Kansas and Texas Rwy. Co.						Transportation, Burgess		4.16	
Chicago, Milwaukee and St. Paul Rwy. Co.						do		7.59	
The Wabash R. R. Co.						Transportation, Holcombe		4.29	
The Texas and Pacific Rwy. Co.						do		6.40	
Fort Worth and Denver City Rwy.						Transportation, Moser		4.30	
The Colorado and Southern Rwy. Co.						do		8.45	
Chicago and Northwestern Rwy. Co.						Transportation, Beechy		96.80	
Oregon Short Line R. R.						Transportation, Siegmund, Atherton, et al.		81.00	
Fremont, Elkhorn and Mis- souri Valley R. R.						Transportation, Howe, Lantz, et al.		3.14	
Southern Pacific Co.						Transportation, Pistor		101.80	
The Missouri Pacific Rwy. Co.						Transportation, Shaw, Hickox, et al.		4.60	
						Transportation, Brown			

Southern California Rwy. Co.	Transportation, Hill	10.00					
Chicago, Rock Island and Pacific Rwy. Co.	Transportation, Miller	4.60					
Galveston, Harrisburg and San Antonio Rwy. Co.	Transportation, Bray and Parker.	66.15					
Pittsburg, Cincinnati, Chicago and St. Louis Rwy.	Transportation, McFarland.	46.50					
Illinois Central E. R. Co.	Transportation, Stoddom.	4.95					
Norfolk and Western Rwy. Co.	Transportation, F. T. Dolan.	12.20					
James W. Davis	Hire horse and buggy					\$216.00	
Thos. A. Bray	Hire saddle horse					288.00	
A. Bauman, jr	Hire horse and buggy					240.00	
The Kansas City Stock Yard Co. of Missouri.	Office rent					198.00	
Per Ehrenheim	do					133.93	
Geo. C. Faville	Street-car fares and telegrams.					26.15	
George Meier & Co.	Lithograph stones					128.35	
Valley Paper Co.	Map paper					52.80	
Bausch & Lomb Optical Co.	Acromatic triplets					163.16	
C. Deaderick	Rent					64.84	
Robert Castelberg	Silk cord					2.25	
A. Greenwood & Co.	Painting floor					3.50	
Hall & Hawkins	Rug, screen, and chair					35.25	
Allen, Stephenson & Co.	Chairs, wardrobe, etc					36.00	
Sterchi Bos	Desk, table, and stand					55.00	
Cooperative Furniture Co.	Oak desk					39.75	
Gazette Publishing Co.	Advertising Texas fever					2.50	
The San Francisco Chronicle	do					5.50	
The Dispatch Co.	do					1.97	
The Morning Post	do					2.80	
Houston Printing Co.	do					3.10	
Hal Gayford	do					2.50	
The Public Printer	do					48.53	
Total	Bulletins on Texas fever	\$63,407.31				21,993.14	1,895.07
EXPERIMENTS IN ANIMAL NUTRITION.							
Henry P. Armsby	Expert in animal nutrition.	\$1,000			July 1, 1899		
J. August Fries	Expert, assistant, animal nutrition.	840			June 24, 1899		
I. Thornton Osmond	do	300			July 1, 1899		
C. W. Norris	do	a \$70.00			July 1, 1900		
Total							

a Per month.

M. E. Calkins	1 sow and 13 pigs								
W. P. Campbell	20 pigs								
O. W. Kurtz	Team, meal, and lodging								
Total								11,209.92	1,800.21
IMPORT CATTLE INSPECTION.									
F. M. Perry	Inspector	June 1, 1900						1,346.67	277.45
E. L. Volgenau	do	Oct. 1, 1899						867.40	40.96
Bernd P. Wende	do	Sept. 1, 1893						1,165.40	15.81
Benj. Howes	Assistant inspector	Feb. 1, 1898						932.70	79.45
Do	Inspector	Feb. 1, 1901						1,200.00	2.50
H. D. Mayne	do	Mar. 1, 1897						1,200.00	149.84
G. W. Ward	do	May 1, 1892	5.00					920.00	167.48
Do	do	Apr. 1, 1901						201.10	28.70
W. N. D. Bird	Assistant inspector	June 1, 1898						103.30	17.22
A. F. Martins	do	Mar. 1, 1898						208.00	25.96
John A. Bell	Inspector	Aug. 1, 1892	8.00					672.00	302.55
F. L. Russell	do	Sept. 1, 1894						944.00	144.29
Charles Cowie	do	Feb. 1, 1892	5.00					980.00	4.75
Do	do	Apr. 1, 1901						526.00	
D. Cumming	do	Mar. 26, 1891	5.00					117.00	29.50
C. L. Morin	Assistant inspector	July 1, 1899	\$5 and \$3					123.00	
Hervey T. Poffter	do	May 10, 1899	5 and 3					720.00	
Jno. F. Deadman	do	June 1, 1899	\$3.00						
Ransom Hinkson	Tagger	Apr. 25, 1896					720		
W. A. Willard									
U. G. Honck									
Jno. P. O'Leary									
H. R. Ryder									
C. O. Durice									
Harry M. Ball									
C. H. Zink									
L. A. Robinson									
Louis K. Green									
Z. D. Gilman									
James B. Lambie									
IMPORT INSPECTION IN GREAT BRITAIN.									
Toole A. Geddes	Special inspector	Nov. 1, 1900						1,331.50	399.01
White Star Line									115.00
Pennsylvania R. R. Co.									
Jennie T. Thomson									6.50
Total								12,358.07	2,120.43
Travelling and miscellaneous expenses. Clinical thermometers. Horse clippers.									
Transportation, T. A. Geddes. do Envelopes and dies									
18.00 13.50									
27.98									
12.16									
89.04									

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services, ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
EXPORT CATTLE INSPECTION.									
<i>Baltimore, Md.</i>									
H. A. Hedrick	Inspector	July 16, 1893			\$1,600		\$1,600.00		\$39.14
Isaac L. Ball	Clerk	Dec. 1, 1892			1,200		1,200.00		
Wm. Bennett	Tagger	Apr. 16, 1893			720		720.00		
do	do	do			720		720.00		
Chas. Eisenreich	do	Mar. 15, 1894			720		720.00		
Wm. J. Sullivan	do	Aug. 14, 1893			720		720.00		
N. Rufus Hill	do								125.00
Chesapeake and Potomac Telephone Co.							Telephone rental		78.50
<i>Boston, Mass.</i>									
A. G. G. Richardson	Inspector	Oct. 1, 1899			2,000		2,000.00		53.69
Harry Q. Thompson	Assistant inspector	Feb. 1, 1898			1,200		1,200.00		
do	Inspector	Feb. 1, 1901			1,400		1,282.70		
Thomas Coyle	Vessel inspector	Feb. 1, 1900			1,200		1,200.00		
Wm. P. Cherrington	Stock examiner	Dec. 1, 1894			900		75.80		
Henry W. Busted	Clerk	Oct. 1, 1899			840		840.00		
L. J. Bullard	Tagger	Mar. 1, 1892			720		720.00		
Frank H. Burleigh	do	Sept. 28, 1891			720		720.00		
Walter H. Hersey	do	Oct. 23, 1899			720		720.00		
Jas. G. Jeffrey	do	Feb. 1, 1898			720		720.00		
Jas. S. Keenally	do	May 23, 1898			720		720.00		
Frank P. Nowlan	do	Apr. 20, 1899			720		659.40		
Patrick Dorsey	do						75.50		
A. G. G. Richardson	Laborer	Sept. 12, 1898			\$1.50				77.79
James M. Godman	do						Street-car fares for T. Coyle		180.00
New England Telegraph and Telephone Co.							Telephone rental		81.00
Gerald B. Street	do						Janitor service		48.00
Bay State Clean Towel Co.							Towel laundry		12.00
W. B. Badger & Co.							Desk and chairs		31.00
Edward B. Jones							Traveling expenses		\$72.30
George Carter							do		56.12
The Pennsylvania R. R. Co.							Transportation, E. B. Jones		12.25
The New York, New Haven and Hartford R. R.							do		10.75

New Orleans, La.		New York, N. Y.		Philadelphia, Pa.		Norfolk, Va.		Pittsburg, Pa.	
Asa N. McQueen	Veterinary inspector	Feb. 8, 1892	5.00		75.00				
Wm. H. Rose	Inspector	Sept. 1, 1893	2.00		2,000.00				312.25
Henry Brister	do	Feb. 1, 1900	1.40		1,400.00				
R. R. Lettis	do	do	1.40		1,400.00				
James Flannery	Vessel inspector	do	1.20		1,200.00				
Joseph P. McEneaney	Clerk	Sept. 1, 1893	1.20		1,200.00				
Wm. Foley	Stock examiner	Jan. 1, 1894	1.00		1,000.00				
Chas. F. Cramer	Tagger	May 1, 1896	720		1,720.00				
Edwin J. Danby	do	June 10, 1901	720		41.54				
Edw. L. Flannery	do	Feb. 1, 1896	720	Dec. 19, 1900	336.57				
Geo. Messmer	do	Sept. 15, 1893	720		720.00				
G. E. Schumacher	do	Feb. 6, 1896	720		720.00				
Guy A. Sharp	do	Jan. 28, 1901	720		302.00				
S. Royden Burch	Laborer	Apr. 17, 1901	2.50		100.00				
John Boyd Kay	do	Apr. 27, 1900	2.50		597.50				
James Stikeman					Office rent				500.00
New York Telephone Co.					Telephone rental				111.32
Philadelphia, Pa.									
George Cartter	Vessel inspector	Feb. 1, 1900	1.20		1,200.00				
John Brehl	Laborer	Feb. 15, 1901	2.00		32.00				
Edw. Hagan	do	Sept. 15, 1900	2.00		22.00				
Wm. J. Haughey	do	Aug. 22, 1896	2.00		200.00				193.60
Chas. A. Schauder					Horse hire and miscellane- ous				82.50
The Bell Telephone Co. of Philadelphia.					Telephone rental				
Norfolk, Va.									
Geo. C. Faville	Inspector	Feb. 1, 1899	1.00		1,000.00				38.85
Sol. Miller	Stock examiner	May 1, 1894	1.00		1,000.00				90.43
J. A. Turner					Office rent				78.75
J. E. R. Carpenter					do				
Pittsburg, Pa.									
Harry N. Waller	Inspector	Apr. 1, 1898	1.40		318.50				6.70
Do	do	Sept. 15, 1900	1.60						
Fredk. W. Ainsworth	Assistant inspector	Feb. 7, 1898	1.20		1,024.98				33.50
Do	Inspector	Nov. 15, 1900	1.40						
H. L. Bollinger	Tagger	May 15, 1900	720		60.60				
Sydney W. Jones	do	July 20, 1898	720		180.00				
Louis R. Cobick	Laborer	June 19, 1899	2.00		19.00				
Danil Hilty	do	Nov. 21, 1898	2.00		153.00				
Wm. Miller	do	Sept. 9, 1900	2.00		8.00				
Saml. Wilkinson	do	Oct. 9, 1899	2.00		20.00				

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
EXPORT CATTLE INSPECTION—continued.									
<i>Buffalo, N. Y.</i>									
Chas. H. Zink	Inspector	Feb. 1, 1900			\$1,600.00		\$1,600.00		
Bern'd P. Wende	do	Sept. 11, 1893		1,400			234.60		
Jno. P. O'Leary	Assistant inspector	Feb. 1, 1896		1,200					
Do	Inspector	Sept. 15, 1900		1,400			117.90		
Harry M. Ball	Assistant inspector	Nov. 1, 1898		1,200			691.20		
C. O. Durfee	do	June 25, 1900		1,200			103.30		
Herman R. Ryder	do	July 14, 1899		1,200			108.30		
Albert H. Hoyt	Clerk	May 1, 1893		1,000			986.37		
John L. Grobe	Stock examiner	Dec. 2, 1895	Nov. 30, 1900	900			225.00		
Albert W. Meyer	do	Feb. 15, 1896		900			149.20		
James F. Hughes	do	May 9, 1898		720			720.00		\$241.75
Chas. H. Zink	Laborer					Horse and buggy and miscellaneous.			180.00
East Buffalo Live Stock Exchange Co.						Office rent			30.50
A. Cutler & Son						Desk, chair, and stand			35.28
The Bell Telephone Co. of Buffalo.						Telephone rental			6.97
International Office Toilet Supply Co.						Towel laundry			
<i>Portland, Me.</i>									
F. W. Huntington	Inspector	June 1, 1896		1,200			1,200.00		
F. W. Sergeant	Laborer	Dec. 1, 1896		\$2.00			622.00		
<i>Chicago, Ill.</i>									
Herman Busman	Assistant inspector	Feb. 23, 1898		1,200			1,207.30		
Do	Inspector	Mar. 1, 1901		1,400			1,000.00		
Max Wolf	Clerk	Feb. 1, 1896		1,000			900.00		
Arda Watson	Live-stock agent	Jan. 1, 1894		900			900.00		
Dighton Granger	Stock examiner	June 1, 1898		900			149.20		
Wm. C. Homan	do	May 1, 1897		900			900.00		
John F. Kelly	do	June 30, 1895		900			900.00		
Michl. J. Quirk	do	Jan. 16, 1895		900			900.00		

Patk. H. Griffin	Feb. 15, 1894	720	720.00			
Jere. Holland	June 12, 1894	720	720.00			
Michl. M. Murray	May 16, 1894	720	720.00			
Frank A. Paddock	Feb. 1, 1898	720	720.00			
Richd. Walsh	June 1, 1894	720	720.00			
J. C. Whitney	Oct. 1, 1898	720	716.04			180.00
Union Stock Yard and Transfer Co. of Chicago.						4.94
Stock Yard Paint Co.						3.90
O. E. Dyson						
<i>Great Britain.</i>						
Wm. H. Wray	Feb. 1, 1894		4,562.50		\$198.07	127.60
James F. Byder	Oct. 1, 1892	2,000	2,000.00		543.69	
Frank M. Hunter	Sept. 1, 1897	1,000	168.40			
Caroline Burnaby	Aug. 31, 1900		341.93			
<i>Miscellaneous.</i>						
Chicago Car Seal and Mfg Co						724.33
Wm. E. Pratt						643.69
Dennison Mfg. Co						58.75
The Fredonwald Co						17.50
Queen & Co., Incorporated						2.50
Barber & Ross						12.75
Elmer H. Catlin & Co.						1.50
Geo. C. Fayette						1.00
Edw. B. Jones						
Star Union Line						1.51
Lake Shore and Michigan Southern Rwy. Co.						1.35
Lehigh Valley R. R.						.75
Chicago, Indianapolis and Louisville Rwy. Co.						.26
Total			57,283.33	912.38	4,440.85	
MEAT INSPECTION.						
<i>Chicago, Ill.</i>						
O. E. Dyson	June 1, 1900	1,800	1,800.00			124.74
S. W. Burt	Sept. 1, 1893	1,400	1,509.27			
Do	Dec. 15, 1900	1,600	1,600.00			
O. J. Lannigan	Jan. 16, 1897	1,600	1,500.00			
Ulysses G. Houck	Mar. 10, 1899	1,400	1,167.90		19.65	
Do	Jan. 1, 1901	1,600	498.90			
O. G. Acheron	Feb. 1, 1900	1,400	1,396.23			
Floyd Baldwin	June 21, 1897	1,200	1,400.00			
Do	Dec. 1, 1900	1,400				
Assistant Inspector	July 1, 1886	1,400				
Wm. A. Bructtie	Jan. 1, 1885	1,400				
Adolph M. Casper						

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.								
Chicago, Ill.—Continued.								
Jos. B. Clancy	Inspector	Aug. 15, 1893			\$1,400		\$1,400.00	
F. L. De Wolf	do	June 1, 1900			1,400		820.60	
J. G. Fish	do	Jan. 16, 1895			1,400		1,367.59	
James Fleming	do	Oct. 1, 1899			1,400		1,400.00	
H. W. Hawley	do	June 1, 1900			1,400		1,400.00	
Jacob S. Berner	Assistant inspector	Sept. 18, 1900			1,200		942.39	
E. L. Bertram	do	Feb. 23, 1899			1,200		1,200.00	
Joel L. Bargett	do	June 18, 1901			1,200		86.26	
Joel E. Cloud	do	Dec. 15, 1900			1,200		655.43	
H. H. Cohenour	do	June 1, 1901			1,200		98.90	
W. I. Drillingham	do	June 15, 1900			1,200		1,200.00	
Warren J. Fretz	do	Sept. 1, 1900			1,200		97.80	
Saml. Gasson, jr.	do	June 15, 1900	July 27, 1900		1,200		88.04	
Chris. F. Gruner	do	July 9, 1900	Oct. 8, 1900		1,200		296.73	
J. J. L. Holding	do	Aug. 1, 1900			1,200		894.50	
Hazen H. Hicks	do	Dec. 18, 1900			1,200		932.60	
A. A. Holcombe	do	Aug. 15, 1899			1,200		300.00	
James G. Hope	do	Mar. 4, 1898			1,200		1,200.00	
H. W. Illston	do	Jan. 3, 1900	June 8, 1901		1,200		1,053.44	
George Jobson	do	July 20, 1898			1,200		1,197.31	\$25.37
Do.	do	June 24, 1901			1,400			
Chas. W. Johnson	Inspector	Aug. 18, 1898			1,200		1,200.00	
Jno. T. Kennedy	Assistant inspector	June 25, 1900			1,200		1,200.00	
Matt. S. Lantz	do	June 20, 1900			1,200		242.20	
Geo. A. Lytle	do	Apr. 1, 1898			1,200		1,250.00	
Do.	do	Apr. 1, 1901			1,200			
Edw. Merillat	Assistant inspector	Apr. 12, 1901			1,200		475.00	
Jno. J. Murray	do	Aug. 23, 1900			1,200		859.05	
W. M. MacKellar	do	Dec. 27, 1900			1,200		613.04	
Frank B. McCall	do	Nov. 10, 1896			1,200		1,243.32	
Do.	do	Sept. 15, 1900			1,400			
W. H. McKinney	Inspector	Oct. 1, 1900			1,200		900.00	
Michl. T. Naughton	Assistant inspector	Aug. 5, 1898			1,200		1,200.00	
Chas. B. Potter	do	Dec. 15, 1900			1,200		609.78	
Frank Rimmer	do	Aug. 13, 1900			1,200		358.65	
Albert E. Eishel	do	Mar. 4, 1898	Dec. 30, 1900		1,200		1,246.73	
Do.	do	Apr. 1, 1901			1,400			

Burton R. Rogers	Assistant inspector	June 1, 1900	1,200	701.69	27.05
Willard A. Savage	do	Apr. 1, 1898	1,200	1,134.60	
Do	Inspector	Apr. 1, 1901	1,400		
W m. C. Stegmund	Assistant inspector	Jan. 17, 1898	1,200	863.35	59.65
Do	Inspector	Jan. 11, 1901	1,400		
Wm. H. Smith, jr	Assistant inspector	Apr. 1, 1898	1,200	1,250.00	
Do	Inspector	Apr. 1, 1901	1,400		
Frank P. Sturges	Assistant inspector	May 23, 1901	1,200	128.57	
W. B. Trembeth	do	June 1, 1901	1,200	38.90	
Frank S. Tufts	do	Apr. 15, 1897	1,200	1,316.80	
Do	Inspector	Dec. 1, 1900	1,400		
Edw. K. Ward	Assistant inspector	June 1, 1900	1,200	1,200.00	
Warner Worcester	do	Sept. 1, 1900	1,200	997.80	
Benj. S. Paddock	Live-stock agent	Nov. 1, 1896	1,200	297.80	
Charles Bunting	Clerk	Sept. 1, 1894	1,000	1,000.00	
B. A. Galligan	do	Jan. 1, 1896	1,000	892.80	
E. B. Luce	do	Feb. 1, 1896	1,000	1,000.00	
Charles S. Pew	do	Dec. 15, 1893	1,000	1,000.00	
Chas. W. Philpot	do	July 21, 1899	1,000	934.60	
S. H. Tourtellotte	do	Jan. 10, 1898	1,000	1,000.00	
Irving W. Pew	do	July 1, 1898	900		
Do	do	Jan. 1, 1900	1,000	950.00	
Leroy Scribner	do	do	900		
Do	do	Dec. 1, 1900	1,000	955.63	
J. J. O'Malley	do	Nov. 1, 1895	300	877.84	
Jacob K. Stehmer	do	June 1, 1897	900	825.80	
Norman R. Adams	Stock examiner	Nov. 1, 1895	900	671.70	
Horace G. Arnold	Tagger	Dec. 1, 1898	720		
Do	Stock examiner	Feb. 1, 1901	900	372.50	
George Best	do	Jan. 1, 1894	900	900.00	
Clark C. Bono	do	June 1, 1898	900	900.00	
Edw. Brundige	do	Jan. 16, 1894	900	900.00	
H. D. Burdick	do	Jan. 8, 1894	900	191.96	
Thomas G. Clark	do	Jan. 1, 1894	900	900.00	
F. C. Cooley	do	Nov. 1, 1895	900	895.08	
Jas. J. Dufficy	do	Jan. 1, 1894	900	897.57	
David S. Farley	do	Apr. 6, 1899	900	900.00	
David Frisch	do	Jan. 1, 1894	900	900.00	
Thomas R. Fugitt	do	May 1, 1899	900	900.00	
James Gardner	do	June 27, 1895	900	900.00	
Henry Grady	do	do	900	900.00	
Thos. F. Hanley	do	June 24, 1895	900	893.92	
Geo. T. Hanton	do	June 27, 1895	900	840.69	
Wm. Harpst	do	do	900	675.00	
Wm. P. Hickey	do	Feb. 15, 1894	900	900.00	
Dennis Hurley	do	Aug. 1, 1895	900	897.57	
Joseph F. Jordan	do	Jan. 1, 1894	900	900.00	
Theodore Kantor	do	Nov. 1, 1895	900	900.00	
Julus Kidder	do	Sept. 1, 1898	900	36.68	
Otho D. Kortz	do	June 27, 1895	900	749.20	
Geo. Lunnham	do	Jan. 1, 1894	900	900.00	

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
Chicago, Ill.—Continued.									
Richd. E. Lyman	Stock examiner	Apr. 23, 1894			\$900			\$749.20	
Abram M. Manny	do	July 27, 1897			900			867.89	
Jas. A. Murphy	do	Jan. 1, 1894			900			900.00	
John Murphy	do	Feb. 15, 1894			900			900.00	
Terence O'Brien	do	do			900			900.00	
Thos. O'Shaughnessy	do	do			900			900.00	
G. W. Pierce	do	Jan. 8, 1894			900			900.00	
W. S. Pitcock	do	Aug. 1, 1895			900			900.00	
Wm. Proudfoot	do	Feb. 1, 1896			900			889.02	
Jno. J. Ryan	do	Dec. 1, 1893			900			900.00	
Jno. W. Sarsfield	do	Jan. 1, 1894			900			900.00	
Frank Schroeder	do	June 27, 1895			900			900.00	
Fredk. L. Simpson	do	do			900			898.80	
Saml. T. Smith	do	Jan. 16, 1894			900			900.00	
Thos. J. Wade	do	July 1, 1896			900			900.00	
Fred. D. Waterman	do	Jan. 15, 1896			900			900.00	
H. B. Weller	do	Feb. 1, 1896			900			900.00	
H. D. Williams	do	June 27, 1895			900			900.00	
Geo. W. Wood	do	do			900			886.41	
Theo. B. Zuendel	do	Nov. 1, 1895			900			900.00	
David C. Barnett	Tagger	Mar. 25, 1898			720			74.20	
Do	Stock examiner	Feb. 1, 1901			900				
Edw. W. Barthold	Tagger	May 11, 1899			720			718.10	
Chas. H. Bridges	do	May 4, 1899			720			257.00	
B. A. Broadhurst	do	Jan. 1, 1896		Feb. 18, 1901	720			239.12	
Jno. W. Burton	do	Jan. 2, 1899			720			720.00	
Wm. D. Clark	do	Oct. 14, 1897			720			720.00	
Wm. Cleveland	do	Jan. 1, 1892			720			720.00	
Harry H. Coford	do	Nov. 18, 1895			720			480.92	
Wm. E. Danaher	do	Nov. 10, 1899		Apr. 5, 1901	720			720.00	
Hugo Elbring	Tagger	Nov. 10, 1899			720			657.34	\$13.40
Chas. E. Faulhaber	do	Sept. 25, 1900			720			551.74	
Archl. L. Faunce	do	Oct. 16, 1899			720			613.20	
Do	do	Mar. 16, 1901			900				
Frank J. Fess	Stock examiner	Jan. 2, 1900			720			720.00	
Jno. Fitzgerald	Tagger	June 27, 1895			720			60.00	
Jas. A. Flanagan	do	May 23, 1895			720			598.80	

James Foley	do	July 17, 1893		720	720.00
Albert W. Ford	do	Nov. 10, 1899		720	660.70
Wm. Fox	do	Feb. 1, 1894		720	720.00
M. J. Freidline	do	Mar. 1, 1901		720	257.65
Jno. J. Garrity	do	Sept. 1, 1893		720	720.00
Albert E. Harris	do	May 1, 1896		720	411.48
Frank A. Healy	do	Nov. 10, 1899		720	720.00
Jas. Herriman	do	June 27, 1895		720	794.50
Do	do	Feb. 1, 1901		900	
Altime Hostetler	Stock examiner	Oct. 1, 1898		720	760.30
Do	Tagger	Mar. 1, 1901		840	
De L. Howard	Clerk	Sept. 15, 1893		720	720.00
Geo. E. Jaqua	Tagger	May 4, 1899		720	720.00
Dan Lynch	do	Aug. 15, 1893		720	720.00
Jno C. Massie	do	Oct. 20, 1896		720	794.50
Do	do	Feb. 1, 1901		900	
Michl. Metzger	Stock examiner	Sept. 15, 1893		720	720.00
C. O. McDonald	Tagger	Dec. 1, 1898		720	482.59
Jas. H. O'Brien	do	Jan. 2, 1899		720	720.00
J. C. Porterfield	do	May 16, 1894		720	720.00
Andrew J. Quinn	do	Nov. 10, 1899	May 16, 1901	720	538.00
Jas. M. Rainey	do	June 27, 1895		720	568.04
Theo. Sauer	do	Aug. 15, 1891		720	660.70
I. Shortridge	do	Dec. 2, 1895		720	599.30
Jas. R. Simpson	do	Oct. 10, 1898		720	720.00
C. P. Staines	do	Sept. 20, 1900		720	367.83
J. E. Throughton	do	Dec. 1, 1892		720	718.10
F. R. Washburn	do	Oct. 6, 1898		720	720.00
Thos. A. White	do	June 24, 1895		720	59.30
Hardee Wyatt	do	Nov. 10, 1899		720	77.23
Hiram Grabie	do	Sept. 1, 1896		720	104.00
O. E. Dyson	Laborer		\$2.00		
S. W. Burt					\$180.00
H. W. Hawley					180.00
Hibbard, Spencer, Bartlett & Co.					276.00
The Rio Grande Western Rwy. Co.					10.28
Union Stock Yard and Transportation Co., of Chicago.					42.50
Chicago Telephone Co					724.00
Fort Wayne Coal Co					175.00
Detroit Stove Works					110.50
A. F. Little					48.50
Rand, McNally & Co					58.80
The A. H. Andrews Co					18.50
American Desk Co					30.50
Brink's Chicago City Express Co.					28.00
Waterbury Clock Co.					23.55
B. Dufraim					11.76
					20.00

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.								
<i>Chicago, Ill.</i> —Continued.								
Stock Yard Paint Co.								
Wyckoff, Seamans & Benedict.								
J. Haberle.								\$3.18
Frank P. Theim								5.10
Marshall Field & Co								1.10
Illinois Wringer Co								2.75
Geo. E. Marshall & Co								6.67
A. W. Martin & Co								3.50
J. W. Nunnamaker								3.48
								3.38
								.42
<i>Cudahy, Wis.</i>								
Boyd Baldwin.	Inspector	Dec. 1, 1900			\$1,400		\$817.90	29.22
Arthur R. Wake.	do	Jan. 1, 1899			1,400		350.00	15.36
Tait Butler	Assistant inspector	June 20, 1899			1,200			
Do.	Inspector	Nov. 1, 1900	Dec. 10, 1900		1,400		253.34	12.50
Isaac N. Krowl	Assistant inspector	Jan. 4, 1901			1,200		590.08	
Jas. W. Carney	Stock examiner	Sept. 15, 1894			900		849.85	
Charles Elmer	do	Jan. 1, 1899			900		900.00	
Geo. J. Reinsch	do	May 15, 1895			900		900.00	
S. D. Gillett	Clerk.	Jan. 2, 1899			720		720.00	
John Hoberg	Tagger.	Jan. 2, 1899			720		720.00	
Frank Mackut.	do	June 1, 1901			720		59.30	
Jos. M. Sommer	do	May 1, 1896			720		720.00	
The Wollaeger Mfg. Co.	do	Oct. 1, 1896			720		637.17	
								26.50
<i>Kansas City, Kans. and Mo.</i>								
Saml E. Bennett	Inspector	Oct. 1, 1899			1,800		1,800.00	
C. H. Davies.	do	Sept. 18, 1891			1,400		1,379.04	
Benj. F. Kaupp	do	June 1, 1900			1,400		1,400.00	
Jno. C. Milnes	do	Jan. 1, 1899			1,400		1,050.00	
Wm. R. Address	Assistant inspector	Aug. 23, 1900			1,200		1,014.10	
Henry C. Babcock	do	July 1, 1900			1,200		202.20	
G. W. Browning	do	Apr. 5, 1900			1,200		492.37	
S. H. Caldwell	do	Dec. 27, 1900			1,200		604.79	
Chas. H. Canfield	do	Apr. 1, 1898			1,200		900.00	
Thos. W. Carnachan	do	Feb. 10, 1898			1,200		900.00	
Do.	Inspector	Mar. 1, 1901			1,400		1,297.30	

Herbert B. Chaney	Assistant inspector	Apr. 1, 1898	1,200	1,248.26
Do.	Inspector	Apr. 1, 1901	1,400	
W. Ross Cooper	Assistant inspector	Jan. 25, 1897	1,200	1,354.92
Do.	Inspector	Sept. 15, 1900	1,400	
Clarence A. Clawson	Assistant inspector	Dec. 27, 1900	1,200	616.30
Warren J. Fretz	do	Feb. 23, 1898	1,200	847.25
Harrison H. George	do	Mar. 1, 1901	1,400	1,267.30
Do.	Inspector	Apr. 10, 1899	1,200	1,200.00
John S. Grove	Assistant inspector	Aug. 23, 1900	1,200	674.74
Harry J. Hammond	do	Mar. 1, 1900	1,200	997.26
David C. Hanawalt	do	June 1, 1900	1,200	101.10
Arthur C. Hart	do	Dec. 1, 1899	1,200	353.33
Dani. S. Hays	do	Mar. 25, 1901	1,200	323.33
Robert Jay	do	Aug. 1, 1899	1,200	192.40
Raymond Johnson	do	July 20, 1898	1,200	300.00
Jos. S. Keane	do	Oct. 17, 1900	1,200	21.25
David O. Knisely	do	Aug. 23, 1900	1,200	546.70
Wm. F. Lavery	do	Dec. 1, 1898	1,200	401.10
Russell G. Lawton	do	Apr. 1, 1901	1,200	1,196.70
Albert Long	do	Sept. 1, 1899	1,200	300.00
Chas. A. McCall	do	Oct. 16, 1899	1,200	202.20
Louis Metsker	do	June 1, 1900	1,200	1,200.00
Wesley N. Neil	do	Aug. 18, 1898	1,200	1,196.73
Isaac W. O'Rourke	do	May 23, 1901	1,200	1,200.00
Jas. L. Ofterman	do	Apr. 10, 1900	1,200	128.57
Walter E. Pick	do	June 15, 1900	1,200	1,200.00
Thos. W. Scott	do	Dec. 10, 1895	1,200	1,186.77
Nathl. B. Smith	do	Dec. 15, 1900	1,200	655.43
A. W. Swedberg	do	June 15, 1900	1,200	1,193.41
R. H. Thomas	do	July 1, 1893	1,400	308.08
Norris L. Townsend	do	Feb. 1, 1896	840	900.00
S. Stewart	Microscopist	Nov. 15, 1900	900	806.89
I. N. Vance	Clerk	Mar. 25, 1898	840	872.81
Do.	do	Nov. 13, 1900	900	
Hiram G. Herrick	do	Mar. 16, 1898	840	858.25
Do.	do	Nov. 15, 1900	900	
Geo. D. Young	do	Mar. 10, 1898	840	217.04
Do.	do	Sept. 15, 1900	900	
Thos. A. Scott	do	May 1, 1896	1,000	831.48
Do.	do	do	900	900.00
Charles Adams	Stock examiner	Feb. 1, 1898	900	895.07
E. W. Bell	do	May 1, 1896	900	900.00
C. E. Blackmar	do	Aug. 1, 1898	900	880.42
Wm. Burgess	do	Feb. 12, 1894	900	900.00
Oliver W. Byrd	do	Nov. 15, 1894	900	900.00
Geo. T. Cathel	do	May 16, 1895	900	900.00
J. D. Cooper	do	June 17, 1895	900	900.00
Josiah D. Flora	do	Oct. 1, 1895	900	900.00
Geo. A. Franklin	do	Feb. 15, 1894	900	900.00
Harry D. Freeman	do		900	900.00
Washington Gobbie	do		900	900.00

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—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>									
R. E. L. Jackson	Stock examiner	Nov. 19, 1894			\$900		\$900.00		
John L. Lobb	do	May 1, 1894			900		897.52		
M. J. Madden	do	May 1, 1896			900		897.50		
Porter J. Morgan	do	May 7, 1894			900		897.57		
J. H. Richardson	do	May 3, 1894			900		900.00		
Chas. W. Rowse	do	Nov. 11, 1895			900		900.00		
Morey Sappington	do	Aug. 1, 1898			900		900.00		
Saml. W. Smith	do	May 1, 1896			900		900.00		
A. E. Wagner	do	May 1, 1894			900		847.44		
Larkin S. Campbell	Tagger	Nov. 17, 1898			720		728.93		
Do.	Stock examiner	Feb. 1, 1901			900				
Bernd. Cunningham	do	Dec. 15, 1893			720		600.10		
Ernest D. Everett	do	Oct. 10, 1900			720		512.66		
Albert Fowlick, sr	do	Aug. 18, 1897			720		720.00		
Wm. B. Garlick	do	Aug. 1, 1897			720		720.00		
John E. Hart	do	Oct. 15, 1897			720		720.00		
A. J. Henley	do	May 1, 1895			720		700.30		
August Jost	do	Aug. 18, 1897			720		720.00		
Harrison H. Knox	do	Nov. 1, 1897			720		712.13		
E. E. Laird	do	Sept. 15, 1897			720		532.00		
Milton C. Lint	do	Aug. 8, 1898			720		733.90		
Do.	Stock examiner	Feb. 1, 1901			900				
Dani. S. Platt	Tagger	Jan. 22, 1894			720		720.00		
T. A. McLeod	do	Aug. 1, 1897			720		855.00		
Do.	Stock examiner	Oct. 1, 1900			900				
H. R. McNally	do	Nov. 15, 1898			720		694.61		
Do.	Tagger	Feb. 1, 1901			900				
Henry Morley	do	Aug. 1, 1897			720		853.74		
Do.	Stock examiner	Oct. 1, 1900			900				
Thomas B. Rea	do	May 24, 1900			720		715.16		
Wm. H. Saunders	do	Apr. 11, 1898			720		793.58		
Do.	Stock examiner	Feb. 1, 1901			900				
J. W. Shannon	Tagger	Feb. 1, 1894			720		720.00		
Jas. R. Stafford	do	Feb. 7, 1898			720		710.27		
Jas. M. Steel	do	Aug. 1, 1897			720		720.00		
Orville A. Stingley	do	Jan. 16, 1899			720		720.00		
Thos. R. Taylor	do	Oct. 10, 1900			720		506.79		

Nelson, E. Weaver	do	Jan. 3, 1898			720.00	
Robt. Ivers	Laborer	Jan. 10, 1900	\$2.00		362.00	\$8.66
Stoux City and Pacific Rwy.						
S. E. Bennett						\$276.00
G. W. Tourtellot						405.00
Armour Packing Co						50.00
James Sullivan						21.00
Silver Laundry and Towel Co.						13.66
Cutler & Neilson P. and C. Co.						12.50
Wyandotte Gas Co						6.05
Richards & Conover Hardware Co.						16.00
Joe W. Timmer						
Emery, Bird, Thayer Dry Goods Co.						5.20
F. P. Burnap Stationery and Printing Co.						7.00
						11.00
<i>Cedar Rapids, Iowa.</i>						
Trajan A. Shipley	Inspector	July 1, 1896		1,400	1,400.00	40.50
Willard A. Savage	do	Apr. 1, 1901		1,400	57.71	
Alfred Day	Stock examiner	Sept. 1, 1898		900	900.00	
Wm. F. Pflaeging	do	Aug. 1, 1894		900	889.01	
D. N. Wheeler	Tagger	July 15, 1898		720	720.00	
B. W. Murphy, jr						37.55
<i>South Omaha, Nebr.</i>						
Don C. Ayor	Inspector	Nov. 1, 1896		1,600		
Do	do	Dec. 15, 1900		1,800	1,617.93	11.55
Lowell Clarke	do	June 1, 1900		1,400	330.00	
A. T. Everett	do	Feb. 1, 1900		1,400	1,400.00	
Arthur B. Morse	do	May 19, 1895		1,400	453.69	14.75
Don W. Patton	do	July 1, 1900		1,400	1,388.29	
A. R. Wake	do	Jan. 1, 1899		1,400	108.80	19.75
H. M. Butchelder	Assistant inspector	Jan. 2, 1899		1,200	1,200.00	
A. M. Blackwell	do	Oct. 17, 1900		1,200	827.92	
Levi P. Beechey	do	July 15, 1898		1,200	102.74	6.50
Do	Inspector	June 24, 1901		1,400		
C. H. Bugbee	Assistant inspector	Mar. 14, 1901		1,200	381.52	16.00
Dean G. Cooper	do	Mar. 4, 1898		1,200	1,230.00	
Do	Inspector	Apr. 1, 1901		1,400		
Harry H. Dell	Assistant inspector	Jan. 25, 1900		1,200	1,200.00	
Roy N. Drake	do	Aug. 23, 1900		1,200	928.25	
Wm. R. Fleming	do	Mar. 1, 1900		1,200	1,200.00	
W. H. Gibbs	do	Mar. 27, 1893		1,200	437.20	3.89
A. R. Glaisyer	do	Dec. 15, 1900		1,200	652.13	
Henry J. Hancock	do	do		1,200	655.43	

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.								
<i>South Omaha, Neb.</i> —Cont'd.								
J. Otis Jacobs	Assistant inspector	July 1, 1898			\$1,200		\$101.10	
Ira C. Mattaall	do	May 23, 1900			1,200		128.57	
Arthur W. Miller	do	May 23, 1901			1,200		128.57	
Aquila Mitchell	do	Jan. 10, 1900	July 28, 1900		1,200		91.30	
B. W. Murray, jr.	do	Nov. 11, 1899			1,200		900.00	
Frank E. Murray	do	June 1, 1900			1,200		1,200.00	
Robt. A. Ramsay	do	Feb. 18, 1899			1,200		498.90	
Burton R. Rogers	do	June 1, 1900			1,200		300.00	
Eug'n M. Rowe	do	Dec. 15, 1898			1,200		101.10	
Chas. E. Steel	do	Aug. 1, 1899	Jan. 24, 1901		1,200		202.23	
Wm. A. Thomas	do	Sept. 15, 1900			1,200		737.44	
Thomas White	do	Aug. 23, 1900			1,200		981.00	
Geo. R. Young	do	July 1, 1900	Dec. 15, 1900		1,200		524.99	
C. O. Goodpasture	Clerk	Jan. 1, 1900			1,400		26.92	
Chas. Conoyer	do	Jan. 16, 1897			1,000		1,000.00	
Phelps Payne	do	July 1, 1900			1,000		972.29	
Jay E. Williams	do	Mar. 10, 1898			840		491.18	\$4.15
Do	do	Mar. 16, 1901	Mar. 31, 1901		300			
Dec N. Chase	Stock examiner	July 15, 1898			900		900.00	
J. W. Davis	do	Jan. 1, 1894			900		900.00	
W. K. Jacobs	do	June 27, 1895			900		895.12	
Frank Jelen	do	Apr. 1, 1895			900		900.00	
Thos. J. Lowrey	do	Mar. 25, 1895			900		900.00	
Jay Merrill	do	Jan. 1, 1894			900		892.63	
Jacob I. Payne	do	do			900		900.00	
Stephen Roberts	do	July 25, 1898			900		897.58	
T. J. Alexander	Tagger	Aug. 1, 1897			720		674.00	
Jos. G. Beattie	do	Dec. 1, 1898			720		704.29	
John T. Blair	do	May 1, 1898			720		720.00	
Edw. A. Bundy	do	July 18, 1898			720			
Do	do	Feb. 1, 1901			900		772.22	
Jacob Burkard	Stock examiner	May 16, 1893			720		716.10	
Chas. E. Campbell	Tagger	Dec. 1, 1898			720		597.40	
Jas. Condon	do	Aug. 4, 1897			720		720.00	
W. W. Crandall	do	June 1, 1897			720		720.00	
Reuben Forbes	do	Aug. 1, 1897			720		718.00	
Elias Gilmore	do	Feb. 10, 1898			720		698.60	

M. T. Hascall.....	do	Dec. 1, 1898	720	481.20
O. W. Helvey.....	do	do	720	720.00
Ira F. Kneeb.....	do	July 18, 1898	720	613.10
Do	do	Feb. 1, 1901	900	720.00
Anton Kostal.....	Stock examiner	May 16, 1893	720	58.70
James Kunes.....	do	do	720	720.00
Thos. Leddy.....	do	Feb. 15, 1895	720	59.30
John McCann.....	do	June 27, 1895	720	619.08
R. M. Mahanna.....	do	June 1, 1895	720	4.00
R. G. Merrill.....	do	June 10, 1898	720	720.00
Arthur E. Miller.....	do	May 10, 1899	720	583.40
John B. Payton.....	do	July 16, 1897	720	478.00
Chris M. Raff.....	do	Mar. 9, 1898	720	532.84
Isaiah Richards.....	do	Dec. 1, 1898	720	720.00
Saml. A. Rislley.....	do	Oct. 1, 1898	720	720.00
Jas. T. Robertson.....	do	Nov. 1, 1897	720	794.50
Cecil K. Schafer.....	do	Apr. 11, 1898	720	794.50
Do	do	Feb. 1, 1901	900	121.20
Martin J. Schafer.....	Stock examiner	Apr. 2, 1900	720	586.14
L. Schilshy.....	do	Nov. 6, 1893	720	501.40
Chas. S. Seranton.....	do	July 18, 1898	720	600.70
Geo. H. Schroeder.....	do	Aug. 1, 1898	720	720.00
Floyd W. Schatzzell.....	do	Jan. 2, 1899	720	720.00
Harry A. Schatzzell.....	do	Aug. 4, 1897	720	720.00
Alfred J. Smith.....	do	Aug. 15, 1898	720	754.92
Do	do	Apr. 15, 1898	900	717.94
Philip Smith.....	Stock examiner	Feb. 1, 1901	720	27.69
Clemons G. Sutton.....	Tagger	May 22, 1893	720	720.00
Saml. I. Valentine.....	do	June 17, 1901	720	794.50
Henry C. Williams.....	do	Oct. 16, 1894	720	500.00
Do	do	Apr. 1, 1898	720	
J. O. Eastman.....	Stock examiner	Feb. 1, 1901	900	
Don C. Ayer.....	Laborer	July 1, 1897		
Don W. Patton.....	do			
Nebraska Telephone Co	do			
L. Berger.....	do			
Frontier Towel Supply Co	do			
J. S. Stout.....	do			
Pacific Express Co	do			
<i>Sioux City, Iowa.</i>				
Wm. Thompson.....	Inspector	Apr. 1, 1898	1,400	1,491.64
Do	do	Jan. 16, 1901	1,600	820.60
Geo. A. Johnson.....	do	June 1, 1900	1,400	984.61
Henry C. Babcock.....	Assistant inspector	July 1, 1900	1,200	1,200.00
Nelson V. Boyce.....	do	June 1, 1900	1,200	120.67
Frank C. Eells.....	do	Mar. 1, 1898	1,200	408.76
Wm. F. Lavery.....	do	Aug. 23, 1900	1,200	1,200.00
Henry Roome.....	do	Sept. 25, 1899	1,200	885.34
Geo. W. Clark.....	Clerk	Mar. 1, 1898	900	900.00
Chas. J. Chamberlin.....	Stock examiner	Jan. 1, 1899	900	
Hire saddle horse \$165.00 do 15.00 Telephone rental 54.00 Hauling 5.30 Towel laundry 6.76 Ink 3.60 Express on stamps 3.30				

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Sioux City, Iowa—Cont'd.</i>									
Donald McDonald	Stock examiner	Feb. 1, 1896			\$897.50				
D. A. Winnie	do	Jan. 1, 1899			900.00				
Thos. G. Cowgill	Tagger	May 9, 1898			540.00				
Wm. E. Hall	do	Dec. 1, 1899			422.00				
Myron H. Kling	do	Dec. 15, 1898			602.00				
Jas. McDonald	do	June 17, 1901			21.76				
Geo. H. Robinson	do	Nov. 10, 1899	June 8, 1901		660.70				
Wm. P. Sternberg	do	Feb. 20, 1901			178.35				
Henry D. Osborne	Laborer	Mar. 21, 1898		\$2.00	142.00				
Iowa Telephone Co.						Telephone rental			\$41.75
Kansas City, St. Joseph and Council Bluffs R. R.						Transportation, H. C. Babcock.			\$8.66
Sioux City and Pacific Rwy						Freight on chairs.			1.06
<i>Boston, Mass.</i>									
James Johnston	Inspector	June 1, 1900			1,400.00				
Edgar A. Crossman	Assistant inspector	July 1, 1900			1,196.73				
Wm. Eckl	do	Dec. 27, 1900	Dec. 28, 1900		6.52				
A. C. Fitzpatrick	do	Aug. 23, 1900			997.80				
Dani. S. Hays	do	Dec. 1, 1899			546.70				14.05
Jno. A. Kiernan	do	Nov. 10, 1896			1,358.72				
Do	Inspector	Sept. 15, 1900			202.20				
Alfred F. Martins	Assistant inspector	Mar. 1, 1898			1,200.00				
Geo. B. Morse	do	Aug. 15, 1899			1,200.00				
Patk. H. Muldowney	do	Jan. 17, 1898			1,200.00				
Do	Inspector	Jan. 11, 1901			1,400.00				
Chas. F. Palmer	Assistant inspector	Oct. 16, 1899			600.00				
Alex. E. Wight	do	Dec. 15, 1898			1,196.73				
Cyrus K. Small	Clerk	Oct. 1, 1899			1,000.00				
Wm. P. Cherrington	Stock examiner	Dec. 1, 1894			824.20				
Philip J. Fanning	do	Feb. 1, 1896			890.08				
Geo. D. Warner	do	July 1, 1898			807.57				
Alfred L. Bailey	Tagger	Jan. 18, 1900			720.00				
Wm. A. Baldwin	do	May 27, 1901			69.19				
Winfield E. Berry	do	June 21, 1899			720.00				
Frank N. Brown	do	Jan. 8, 1896			720.00				

C. B. Hutchinson.....	do	Mar. 1, 1900	720	720.00		
Frank P. Nowlan.....	do	Apr. 20, 1899	720	60.60		
Linus E. Sargent.....	do	Aug. 1, 1899	720	659.40		
A. G. G. Richardson.....					Hire horse and buggy	456.00
Do.....					Miscellaneous expenses	34.57
James M. Codman.....					Office rent	180.00
New England Telegraph and Telephone Co.					Telephone rental	129.00
Gerald E. Street.....						
The Wabash R. R. Co.....					Janitor service	48.00
					Transportation, D. S. Hays	33.00
<i>Ottumwa, Iowa.</i>						
Joshua Miller.....	Inspector	Jan. 1, 1899	1,400	1,396.07		15.28
Abraham Mador.....	Stock examiner	Oct. 9, 1893	900	900.00		
George S. Bliss.....	Tagger	May 18, 1898	720	638.86		
Elias Gilmore.....	do	Feb. 10, 1898	720	61.40		9.25
John B. Fayton.....	do	July 16, 1897	720	59.30		
<i>Buffalo, N. Y.</i>						
John P. O'Leary.....	Inspector	Sept. 15, 1900	1,400	120.60		
Louis A. Robinson.....	do	Jan. 1, 1897	1,400	1,153.82		
Harry M. Ball.....	Assistant inspector	Nov. 1, 1898	1,200	508.80		
W. N. D. Bird.....	do	June 1, 1898	1,200	998.90		
C. O. Durfee.....	do	June 25, 1900	1,200	1,096.70		
Alfred F. Martins.....	do	Mar. 1, 1898	1,200	431.30		17.65
Herman R. Ryder.....	do	July 14, 1899	1,200	1,096.70		
Geo. H. Russell.....	Clerk	Jan. 1, 1900	900	897.52		
John L. Grobe.....	Stock examiner	Dec. 2, 1895	900	149.20		
Albert W. Meyer.....	do	Feb. 15, 1896	900	504.40		
Harrison D. Newton.....	do	Nov. 8, 1894	900	900.00		
Henry L. Rieman.....	do	Feb. 15, 1896	900	895.12		
Michl. Chojnacki.....	Tagger	Apr. 16, 1894	720	60.60		
George A. Crane.....	do	July 12, 1899	720	407.40		
Michl. Justinger.....	do	July 1, 1893	720	122.60		
Jno. Mazurowski.....	do	July 10, 1893	720	540.00		
Jas. L. McGill.....	do	Aug. 13, 1900	720	573.97		
Chas. W. Pagle, jr.....	do	Mar. 6, 1901	720	160.70		
George E. Wager.....	do	June 10, 1901	720	39.56		
C. H. Zink.....					Hire horse and buggy	240.00
East Buffalo Live Stock Exchange Co.					Office rent	180.00
International Office Toilet Supply Co.					Towel laundry	4.22
<i>Cleveland, Ohio.</i>						
Edw. P. Schaffter.....	Inspector	Dec. 1, 1897	1,400	1,400.00		9.55
James T. Stuart.....	Assistant inspector	Mar. 1, 1898	1,200	1,200.00		
John J. Crowley.....	Stock examiner	Jan. 1, 1899	900	900.00		
Frank Fila.....	Tagger	Sept. 25, 1893	720	594.60		

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Cleveland, Ohio—Cont'd.</i>									
Simon Kacher	Tagger	July 1, 1893	Nov. 6, 1900		\$720		\$197.61		
Jno. D. Shannon	do	Nov. 6, 1893			720		600.60		
Louis N. Stumpf	do	June 16, 1893			720		720.00		
Jos. E. Sawtell	do	Apr. 1, 1901			720		180.00		
Isabella Lacey	Laborer	May 29, 1896					128.29		
<i>Indianapolis, Ind.</i>									
Niels C. Sorensen	Inspector	Apr. 1, 1898			1,400		1,288.07		\$60.56
Do.	do	Jan. 16, 1901			1,400		1,318.59		9.30
T. L. Armstrong	do	May 1, 1897			1,400		350.00	\$18.40	
Chas. H. Canfield	do	Apr. 1, 1901			1,400		350.00	18.55	
O. W. Snyder	do	June 1, 1900			1,400				
Robert Darling	Assistant inspector	Dec. 13, 1897			1,200		944.40		
Do.	Inspector	Jan. 11, 1901			1,400				
Traff Butler	Assistant inspector	June 20, 1899	Dec. 10, 1900		1,200		300.00		
Sam'l. G. Hendren	do	Mar. 4, 1898			1,200		663.33		
Jno. B. Hollenbeck	do	June 25, 1900			1,200		1,188.57		
Jos. S. Keane	do	July 20, 1898			1,200		898.36		
Jas. C. Keely	do	Mar. 1, 1898			1,200		200.00		
C. F. Palmer	do	Oct. 16, 1899			1,200		600.00	30.15	
Geo. E. Toftten	do	July 14, 1899			1,200		880.38		
Robt. Turnbull	do	Feb. 21, 1900			1,200		1,200.00		
Harry K. Walter	do	Jan. 15, 1900			1,200		1,200.00		
Chas. Bartholomew	Stock examiner	Sept. 1, 1898	June 14, 1901		900		857.92		
Jacob Fox	do	Jan. 1, 1894			900		897.57		
Geo. W. Koontz	do	Feb. 19, 1894			900		897.50		
Jas. W. Wampler	do	Jan. 1, 1894			900		897.50		
John H. Carroll	Clerk	May 4, 1899			840				
Do.	do	Jan. 16, 1901			900		867.50		
Martin P. Grady	do	Oct. 1, 1898			840		840.00		
Geo. S. Jones	do	Mar. 10, 1898			840		833.65		
Wm. A. Skinner	Tagger	Nov. 18, 1895			720		720.00		
S. S. Sowers	do	Nov. 21, 1898			720		600.60		
L. V. Stafford	do	Oct. 1, 1898	Apr. 14, 1901		720		567.69		
Willard H. Treat	do	July 14, 1899			720		586.96		
Joseph Foppiano	Laborer	Jan. 21, 1899			2.00		672.00		

					Telephone rental.			
New Telephone Co.	Inspector	1,1900	1,400	1,388.52	Telephone rental.		40.00	
Central Union Telephone Co	Tagger	May 10, 1899	720	720.00	do		36.00	
Belt R. E. and Stock Yards Co.	do	Oct. 1, 1896	720	10.85	Office rent		120.00	
<i>Detroit, Mich.</i>	Laborer	Oct. 30, 1900		4.00				
Louis K. Green	do	Dec. 18, 1900		22.00				
Harry C. Jacobs	do	Oct. 30, 1900		4.00	Traveling expenses			37.25
Jos. M. Sommer	do	Oct. 30, 1900		2.00				
Anthony Fleishaus	do	Oct. 30, 1900		2.00				
Wm. H. Kellogg	do	Oct. 30, 1900		2.00				
Ford Williamson	do							
Louis A. Robinson	do							
<i>National Stock Yards, Ill.</i>								
J. J. Brougham	Inspector	July 1, 1896	1,600	1,709.22			69.20	
Do	do	Dec. 15, 1900	1,800	1,200.00				
Henry E. Brown	Assistant inspector	Sept. 1, 1899	1,200	1,011.10				
Clinton H. Bugbee	do	June 15, 1900	1,200	1,019.84				
Ernest J. Foreman	do	Aug. 1, 1900	1,200	1,200.00				
Roy E. Jackson	do	June 15, 1900	1,200	1,316.80				
Robt. L. Kelly	do	Sept. 7, 1897	1,200	1,200.00				
Do	do	Dec. 1, 1900	1,400	1,200.00				
Willis H. Meadors	Inspector	June 1, 1900	1,200	1,193.47				
Robt. J. Morrison	Assistant inspe for	Feb. 21, 1900	1,200	39.56				
Geo. D. Painter	do	June 18, 1901	1,200	1,196.73				
Jno. O. F. Price	do	Aug. 1, 1899	1,200	1,092.23				
Alexander C. Walls	do	Aug. 1, 1900	1,200	130.45				
John G. Slee	do	Apr. 14, 1897	1,200	900.00				
Wm. S. Crawford	Clerk	Apr. 10, 1895	900	900.00				
Arthur H. Bibb	Stock examiner	May 1, 1896	900	900.00				
A. R. Bruton	do	Feb. 15, 1895	900	900.00				
Wm. T. Flynn	do	Jan. 1, 1894	900	900.00				
David R. Hodges	do	Sept. 1, 1896	900	823.80				
Frank O'Neill	do	July 18, 1898	900	782.61				
Geo. Sutherland	do	Nov. 12, 1894	900	900.00				
E. S. Bennett	do	Feb. 15, 1895	720	119.40				
Clement Bevelot	Tagger	Dec. 1, 1893	720	720.00				
Joseph G. Carr	do	Feb. 15, 1895	720	471.21				
Jas. W. Chowning	do	Dec. 1, 1898	720	720.00				
Wm. J. Doyle	do	Feb. 15, 1895	720	720.00				
Hugo Elbring	do	Nov. 10, 1899	720	60.60				
Jno. E. First	do	Mar. 4, 1901	720	14.00				
Robert Gray	do	June 24, 1895	720	720.00				
Edw. C. Lauck	do	Oct. 12, 1898	720	720.00				
Edw. O. Speake	do	Apr. 1, 1898	720	720.00				
Edw. M. Smith	do	July 18, 1898	720	720.00				
Do	do	Jan. 10, 1901	840	777.63				

a Per month.

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
National Stock Yards, Ill.—Continued.									
Jos. Sullivan	Tagger	Feb. 15, 1895			\$720	Office rent	\$17.94		\$900.00
St. Louis Natl. Stock Yards						Street-car fares and toll	254.00	\$4.60	47.65
Ernest J. Foreman					1,200				
Nebraska City, Nebr.									
W. H. Gibbs	Inspector	Sept. 1, 1893			720		723.30		
F. A. Dammann	Tagger	June 10, 1895					254.00		
New York, N. Y.									
R. W. Hickman	Inspector	Sept. 1, 1893			2,000		668.50		16.56
Harry N. Waller	do	Apr. 1, 1898			1,400				
Do	do	Sept. 15, 1900			1,600				
Do	do	Nov. 15, 1900			1,800				
Do	do	July 1, 1900			1,400				
Louis Abel	Assistant inspector	Apr. 5, 1900			1,200		1,400.00		
Geo. W. Browning	do	June 1, 1900			1,200		401.10		
Emerson J. Cary	do	Oct. 1, 1900			1,200		1,200.00		
Jno. D. De Ronde	do	Oct. 1, 1900			1,200		900.00		
Jno. Wm. Flink	do	July 1, 1900			1,200		300.00		
Moses Jacob	do	June 12, 1900	Oct. 19, 1900		1,200		316.33		
John B. Hopper	do	Mar. 15, 1898			1,200		1,200.00		
Wm. R. Hyres	do	June 1, 1900			1,200		854.33		
John V. Laddley	do	Mar. 1, 1898			1,200				
Do	do	Mar. 1, 1901			1,400		1,250.00		
Russell G. Lawton	Inspector	Apr. 1, 1901			1,200		798.00		
Jno. W. Montague	Assistant inspector	Feb. 15, 1900			1,200		323.33		
Fredk. L. Stevens	do	Mar. 25, 1901			1,200		1,200.00		
Jos. Thackaberry	do	July 10, 1899			1,200		1,200.00		
A. H. Wallaco	do	Apr. 20, 1899			1,200		1,200.00		
Ephm. Dietrich	do	Feb. 23, 1899			1,200		1,200.00		
W. A. Willard	Clerk	July 1, 1900			1,200		1,180.42		
Hiram Ferone	do	Sept. 1, 1893			900		1,167.03		
Henry Schauer	Stock examiner	Oct. 12, 1897			900		900.00		
John L. Burgess	do	Dec. 9, 1895			900		805.71		
J. F. Butterfass	Tagger	May 1, 1900			720		720.00		
	do	Mar. 2, 1896			720		730.00		

Wallace M. Gill.....	do	Apr. 25, 1901	720	580.70
Frank J. Gilmore.....	do	June 1, 1896	720	472.00
Fred. J. Goebel.....	do	Feb. 7, 1891	720	720.00
Geo. J. Haggerty.....	do	Sept. 7, 1891	720	720.00
Edw. P. Hogan.....	do	Mar. 2, 1896	720	242.00
Jas. E. Lovejoy.....	do	Feb. 12, 1901	720	720.00
Jno. F. Lovejoy.....	do	Mar. 1, 1900	720	720.00
Jno. C. Oren.....	do	May 23, 1895	720	720.00
Frank D. Owen.....	do	Jan. 2, 1900	720	720.00
Jos. Pfeiffer.....	do	Feb. 1, 1900	720	387.57
Jno. B. Roberts.....	do	Feb. 15, 1900	720	720.00
Henry Schopp.....	do	Mar. 10, 1900	720	720.00
Stephen A. Selby.....	do	Sept. 15, 1893	720	720.00
Ernest F. Slater, Jr.....	do	Dec. 2, 1895	720	60.60
C. P. Staines.....	do	Dec. 7, 1898	720	120.70
H. F. R. Workheiser.....	do	Sept. 20, 1900	720	720.00
Emil Balzer.....	do	June 26, 1899	720	720.00
do	Microscopist.	Mar. 15, 1899	1,200	1,208.24
do	do	June 17, 1901	1,400	550.50
A. H. Richards.....	Assistant microscopist.	Mar. 1, 1895	900	706.50
do	Microscopist.	June 1, 1901		
Richman Coles.....	Laborer.	Apr. 25, 1900		
do	do	Feb. 16, 1901		
Barret H. Adams et al.....				480.00
New York Telephone Co.....				79.30
Ephraim Dietrich.....				31.83
Hiram Jerome.....				24.20
Merchants' Union Ice Co.....				6.08
American Felt Co.....				4.95
<i>Philadelphia, Pa.</i>				
Chas. A. Schaufler.....	Inspector	Sept. 1, 1893	1,600	82.65
do	do	Jan. 1, 1901	1,800	1,700.00
James Beatty.....	Assistant inspector	Feb. 23, 1899	1,200	1,200.00
Henry S. Christy.....	do	Sept. 21, 1900	1,200	143.49
Louis A. Klein.....	do	Apr. 1, 1898	1,200	241.53
Richd. W. Hewett.....	do	Feb. 8, 1899	1,200	403.30
Chas. J. Bigley.....	Clerk.	Jan. 1, 1900	1,200	4.52
Geo. B. Wright.....	Stock examiner	Jan. 1, 1897	900	900.00
Florence E. Carlton.....	Tagger	Mar. 6, 1901	720	874.29
Jno. C. Collahan.....	do	Oct. 1, 1895	720	190.22
A. N. Pepperman.....	do	Jan. 23, 1896	720	630.37
Thomas Reid.....	do	Jan. 1, 1893	720	720.00
Matt. Robinson.....	do	Jan. 1, 1897	720	719.08
Wm. T. Pippett.....	do	May 1, 1897	720	720.00
Chas. A. Schaufler.....	do	Dec. 2, 1895	720	720.00
The Bell Telephone Co. of Philadelphia.....				120.00
Chicago, Milwaukee and St. Paul Ry. Co.,				80.00
				20.80

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MEAT INSPECTION—cont'd.								
<i>Pittsburg, Pa.</i>								
Benj. Howes	Inspector	Feb. 1, 1901		\$1,400			\$350.00	
F. W. Ainsworth	Assistant inspector	Feb. 7, 1898		1,200			300.00	
Do.	Inspector	Nov. 15, 1900		1,400				\$1.60
Howard L. Bollinger	Tagger	May 15, 1900		720			659.40	
Sidney W. Jones	do	July 20, 1898		720			479.30	
Morton Magee	do	Nov. 11, 1898		720			718.06	
Harry N. Waller	do					Street-car fares.		3.75
<i>South St. Joseph, Mo.</i>								
John Forbes	Inspector	Sept. 1, 1898		1,600			1,600.00	
J. E. Blackwell	do	Aug. 1, 1893		1,400			1,400.00	
Harry G. Moore	do	June 1, 1900		1,400			1,280.73	
James Wilson	do	do		1,400			1,281.96	
Geo. A. Bond	do	do		1,200			1,229.85	
Do.	Assistant inspector	Feb. 24, 1898		1,200			600.00	
Joseph M. Good	Inspector	Mar. 1, 1901		1,400			323.33	
Wm. E. Day	Assistant inspector	Feb. 23, 1899		1,200			1,000.00	\$4.40
Arthur C. Hart	do	Mar. 25, 1901		1,200			403.30	3.40
Raymond Johnson	do	June 1, 1900		1,200			1,200.00	
do	do	Aug. 1, 1899		1,200			1,020.56	
F. C. McCurdy	do	Apr. 1, 1898		1,200			98.90	
B. W. Morrow	do	Aug. 23, 1900		1,200			688.03	
Jos. W. Parker	do	Nov. 11, 1899		1,200			98.90	
Milton T. Perry	do	June 12, 1900		1,200			5.20	
Thos. H. Ripley	do	May 23, 1901		1,200			883.47	
Silas L. Shaw	do	July 20, 1898		1,200			128.57	
John A. Sloan	do	May 23, 1901		1,200			1,196.77	
Chas. E. Steel	do	Aug. 1, 1899		1,200			481.32	
H. J. Washburn	do	May 23, 1898	June 24, 1901	1,200			796.70	9.05
John B. Wright	do	Apr. 18, 1898		1,200			1,233.50	
Do.	Inspector	May 1, 1901		1,400			835.90	
Frank A. Ewing	Stock examiner	May 1, 1894		900			900.00	
Clayton E. Moss	do	Sept. 1, 1898		900			630.00	
Wm. E. Mowrer	Clerk	May 1, 1900		840			225.98	5.98
Edw. J. Newmyer	do	Feb. 21, 1900		840				
Walter D. Benton	Tagger	Apr. 15, 1898		720				
Do.	Stock examiner	Feb. 1, 1901		900			760.48	

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
Hammond, Ind.—Cont'd.									
John Summers	Tagger	May 16, 1893		\$720			\$720.00		
W. H. Timmons	do	do		720					
I. Stortridge	Stock examiner	June 24, 1901		900			723.50		
Henry Wagner	Tagger	Dec. 2, 1895		720			120.70		
Walter Walsh	do	June 22, 1891		720			720.00		
Joseph B. Clancy	do	May 16, 1893		720			720.00		
						Traveling expenses		\$8.80	
St. Louis, Mo.									
W. S. Cass	Inspector	Sept. 1, 1898		1,400			1,400.00		\$27.05
D. C. Burnett	Assistant inspector	June 15, 1900		1,200			1,151.10		
Duncan R. Gillies	do	June 1, 1900		1,200			1,200.00		
Geo. G. Grundy	do	Oct. 3, 1900		1,200			853.81		
Wm. R. Hynes	do	June 1, 1900		1,200			104.35		
Chester Miller	do	June 22, 1898		1,200			1,233.50		
Do	Inspector	May 1, 1901		1,200			1,200.00		
Thos. B. Pofo	Assistant inspector	Apr. 2, 1900		900			900.00		
Geo. H. Boughner	Live stock agent	Nov. 16, 1896		900			527.50		
Adelbert G. Bilb	do	Mar. 1, 1896		900			900.00		
George Markert	do	Apr. 1, 1894		900			900.00		
J. O. W. Alexander	Clerk	July 18, 1898		900			840.00		
James Ford	Tagger	Apr. 1, 1899		840			720.00		
Edgar N. La Rue	do	Sept. 28, 1896		720			720.00		
Arthur A. Mahoney	do	May 15, 1899		720			720.00		
Matt O'Rourke	do	Feb. 15, 1901		720			258.00		
W. S. Cass	do	Mar. 2, 1896		720			720.00		
J. Gates & Bro						Hire saddle horse			120.00
Mo. Stock Yard Co						Desk			24.00
						Stove and letterpress			3.00
Jersey City, N. J.									
Julius Huelsen	Inspector	Mar. 10, 1888		1,400			1,500.27		84.94
Do	do	Dec. 15, 1900		1,600			407.90		
Nathan K. Fogley	do	July 1, 1900		1,400			1,400.00		
Archd. McBride	do	do		1,400			1,400.00		

Dani. J. Mangan	Assistant inspector.	Dec. 10, 1900	1,200	671.74	
Immanuel Due	Clerk	Mar. 2, 1896	900	900.00	
F. A. Fahrenbach	Tagger	Sept. 20, 1900	720	561.52	
Geo. J. Hoerner	do	May 1, 1896	720	720.00	
Jno. Purcell, jr	do	Sept. 1, 1893	720	720.00	
Thomas Shea	do	July 17, 1893	720	720.00	
<i>Lincoln, Nebr.</i>					
Saml. E. Cosford	Inspector	May 1, 1900	1,400	1,400.00	
Russell G. Merrill	Tagger	June 10, 1898	720	660.70	5.84
Saml. E. Cosford					214.19
<i>South St. Paul, Minn.</i>					
Frank D. Ketchum	Inspector	July 1, 1899	1,400	1,400.00	5.24
M. O. Anderson	Assistant inspector	Mar. 9, 1898	1,200	596.73	
George T. Irons	do	Apr. 18, 1899	1,200	1,200.00	
Rollie N. Mead	do	Apr. 23, 1900	1,200	1,200.00	
Dani. G. Shumway	do	Apr. 12, 1899	1,200	1,160.86	
Morris C. Wylie	do	Jan. 2, 1901	1,200	596.70	
John Jacobson	Stock examiner	Jan. 1, 1899	900	877.77	
Thos. M. Libby	do	Oct. 1, 1895	900	895.02	
Burr Allen	Tagger	July 18, 1898	720	772.63	
Do	Clerk	Jan. 16, 1901	840		
Walter A. Forbes	Tagger	Apr. 1, 1901	720	162.24	
Harry S. Newlove	do	Jan. 1, 1897	720	241.53	
Calvin W. von Dorn	do	Apr. 1, 1898	720	715.98	
Frank D. Ketchum					80.00
<i>Los Angeles, Cal.</i>					
Charles Keane	Assistant inspector	Dec. 1, 1897	1,200	1,381.88	14.55
Do	Inspector	July 16, 1900	1,400	825.80	
Wm. R. Dennis	Stock examiner	Nov. 10, 1896	900	74.20	4.35
John F. Nelson	do	Feb. 15, 1896	900	900.00	
Arthur J. O'Rourke	do	Nov. 10, 1896	900	720.00	
M. J. P. Nolte	Tagger	July 1, 1896	720	720.00	
Edw. E. Stephens	do	Dec. 9, 1896	720	720.00	
Edw. L. Wells	do	July 1, 1900	720	61.40	
George L. Pierce	Laborer			86.00	
Charles Keane					300.00
The Southern Pacific Co					15.00
<i>San Francisco, Cal.</i>					
George S. Baker	Inspector	Nov. 1, 1896	1,600	1,600.00	
Jno. J. Borden	Stock examiner	Mar. 2, 1896	900	74.20	
Ambrose McSweeney	do	Feb. 15, 1896	900	900.00	
John E. Munn	do	Jan. 1, 1897	900	824.20	14.80
John F. Nelson	do	Feb. 15, 1896	900	814.55	18.00
John H. Webster	Tagger	Mar. 2, 1896	720	720.00	

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>San Francisco, Cal.—Cont'd.</i>									
O. B. Hess	Northern Pacific Rwy. Co					Traveling expenses		\$21.00	
George S. Baker	The Southern Pacific Co					Transportation, Munn		4.35	
						St. car fares and misc. exp			\$65.70
						Transportation, J. E. Munn		20.00	
<i>Louisville, Ky.</i>									
Thomas J. Turner	Inspector	Jan. 1, 1897			\$1,400.00		\$1,400.00		82.04
John J. Hayes	Assistant inspector	Apr. 10, 1901			1,200.00		1,200.00		
Herbert M. Smith	do	Mar. 1, 1899			1,200.00		1,200.00		
W. T. Sparhawk	do	Feb. 21, 1900			1,200.00		1,200.00		
D. R. Alton	Stock examiner	Jan. 1, 1901			900.00		900.00		
Geo. H. Woolfolk	do	Mar. 2, 1896			720.00		720.00		
Jas. W. Clowning	Tagger	Dec. 1, 1898			720.00		720.00		
Do	do	Apr. 1, 1898			720.00		720.00		
Albert E. Harries	Stock examiner	Feb. 1, 1901			900.00		900.00		
Do	Tagger	May 1, 1896			720.00		720.00		
James L. King	Clerk	Mar. 4, 1901			840.00		840.00		
Frank B. Seimer	Tagger	Jan. 28, 1901			720.00		720.00		
Bourbon Stock Yard Co	do	do	Feb. 15, 1901		720.00		720.00		
Fred W. Keisker & Son	do	do				Office rent		120.00	
Wm. F. Mayer	do	do				Oak desk		22.50	
						Oak chair		5.75	
<i>Portland, Oreg.</i>									
E. N. Hutchinson	Inspector	May 1, 1900			1,400.00		1,400.00		134.95
Chas. W. Deming	Assistant inspector	June 1, 1901			1,200.00		98.90		
Clarence Loveberry	do	Feb. 21, 1901			1,200.00		225.03		
Howard D. Ebey	Tagger	Feb. 15, 1896			720.00		720.00		
Wm. R. Suttler	do	June 5, 1899			720.00		690.70		
Geo. J. Coleman	Laborer	Dec. 1, 1898			\$2.00		548.00		
<i> Eau Claire, Wis.</i>									
Orrin W. Snyder	Inspector	June 1, 1900			1,400.00		1,050.00		174.77
George W. Butler	Assistant inspector	June 27, 1899			1,200.00		300.00		41.13

<i>Davenport, Iowa.</i>									
George Ditewig	Inspector	May 1, 1900	1,400	1,400.00					
George C. Burke	Stock examiner	Jan. 1, 1894	900	900.00					
John Trainer	do	June 27, 1895	900	900.00					
<i>Clinton, Iowa.</i>									
Arthur B. Morse	Inspector	May 19, 1895	1,400	700.00					
<i>Milwaukee, Wis.</i>									
A. E. Behnke	Inspector	Apr. 1, 1898	1,400	1,538.63					21.30
Do	do	Sept. 15, 1900	1,600						
Robt. H. Harrison	Assistant inspector	Feb. 7, 1898	1,200						
Do	Inspector	Feb. 1, 1901	1,400	1,282.70					
Geo. W. Butler	Assistant inspector	June 27, 1899	1,200	900.00					
Herbert Caldwell	do	Feb. 23, 1899	1,200	1,200.00					
Adolph Eichhorn	do	Mar. 23, 1901	1,200	323.33					
Wm. Fotheringham	do	do	1,200	323.33					
T. T. Greene	do	Jan. 18, 1900	1,200	1,200.00					
Richd. W. Hewett	do	Feb. 8, 1899	1,200	796.70					
C. H. Morse	Clerk	Oct. 1, 1894	900	897.52					
Henry Baumel	Stock examiner	Jan. 1, 1894	900	900.00					
J. J. Eichstaedt	do	June 5, 1894	900	900.00					
Chris. Hiller	do	Mar. 1, 1895	900	890.26					
Thos. C. Murphy	do	June 5, 1894	900	900.00					
Jno. P. Somers	do	Jan. 1, 1899	900	900.00					
E. V. Putnam	Tagger	May 1, 1896	720	535.44					
A. E. Behnke		June 30, 1901							420.00
The Fredk. C. Gross & Bros. Co.									153.00
<i>Cincinnati, Ohio.</i>									
Albert J. Payne	Inspector	Sept. 1, 1898	1,400						
Do	do	Jan. 1, 1901	1,600	1,500.00					
Louis P. Cook	do	July 1, 1900	1,400	1,249.08					
H. A. Christmann	do	Sept. 1, 1900	1,400	350.00					
C. M. McFarland	Assistant inspector	June 12, 1900	1,200	1,101.10					
Thomas L. Rice	do	Feb. 10, 1898	1,200						
Do	Inspector	Mar. 1, 1901	1,400	1,267.30					
Jno. M. Simpson	Assistant inspector	May 23, 1901	1,200	128.57					
Arden L. Hirleman	Stock examiner	Mar. 10, 1896	900	900.00					
Wm. M. Burson	Tagger	Apr. 1, 1901	720	180.00					
Edw. C. Carle	do	Oct. 1, 1896	720	702.17					
Jas. S. Oldham	do	Apr. 10, 1901	720	120.70					
Chas. Pearson	do	June 15, 1898	720	540.00					
Patk. E. Quinn	do	Nov. 11, 1895	720	720.00					
Jno. C. Schrock	do	Nov. 1, 1898	720	720.00					
Hardee Wyatt	do	Nov. 10, 1899	720	102.94					11.55
Hardee Ehlers	do	Feb. 16, 1898	600	550.50					
Cincinnati Union Stock Yd. Co.	Assistant microscopist								71.50

Hire, horse and buggy
Office rent

Office rent

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Marshalltown, Iowa.</i>									
Ira K. Atherton	Inspector	Sept. 1, 1898			\$1,400		\$1,400.00		\$2.35
Willard A. Savage	do	Apr. 1, 1901			1,400		57.69	\$30.70	
James Kunes	Tagger	May 16, 1898			720		106.64	8.00	
W. D. Mills	Laborer	Sept. 18, 1900		\$2.50			585.00		
B. W. Murphy, jr							Traveling expenses	25.30	
David C. Wilbur							Kitchen cupboard		10.00
<i>New Haven, Conn.</i>									
Nathan K. Fegley	Inspector	July 1, 1900			1,400		932.10	5.50	8.05
E. L. Volgenau	do	Oct. 1, 1899			1,400		532.60		
Jno. L. Archison	Tagger	July 1, 1900			720		720.00	20.90	
Archd. McBride							Traveling expenses		
<i>Quincy, Ill.</i>									
Arthur B. Morse	Inspector	May 19, 1895			1,400		11.67	33.19	
James S. Kelly	Assistant inspector	Apr. 1, 1887			1,200		1,391.88		1.80
Do	Inspector	July 16, 1900			1,400		300.00		
Danl. S. Hays	Assistant inspector	Dec. 1, 1899			1,200		150.80		
Norman R. Adams	Stock examiner	Nov. 1, 1895			900		144.20	12.10	
Archd. L. Faunce	Tagger	Oct. 6, 1898			720		720.00		
Do	Stock examiner	Mar. 16, 1901			900		83.52		
John E. Feighner	Tagger	Dec. 12, 1899			720		5.87		
Arthur Sherman	do	Dec. 20, 1900			720				
C. W. Stackhouse	do	Oct. 25, 1900			720				
W. C. Stegmann							Traveling expenses	36.35	
Chester Miller							do	32.85	
<i>Leavenworth, Kans.</i>									
John C. Milnes	Inspector	Jan. 1, 1899			1,400		239.02	4.00	2.55
Do	do	May 24, 1901			1,600		1,050.00		1.20
Elwin T. Davison	do	July 1, 1900			1,400		115.40	18.00	2.25
Frank B. McCall	do	Sept. 15, 1900			1,400		370.10		
Edw. L. Wells	Tagger	July 1, 1900			720				
Wm. Yenner	do	May 20, 1898			720				
Do	Stock examiner	Feb. 1, 1901			900		197.50		

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
<i>Wichita, Kans.—Cont'd.</i>									
S. E. Bennett.								\$16.05	
								12.41	
<i>Sioux City and Pacific Rwy.</i>									
<i>Tacoma, Wash.</i>									
O. B. Hess.	Inspector	July 1, 1896			\$1,400				\$1.15
John E. Munn.	Stock examiner	Jan. 1, 1897			900				75.80
Chas. H. Schmitz.	Tagger	July 5, 1900			720				682.88
Clarence Loveberry								4.30	
<i>Bloomington, Ill.</i>									
Fredk. Braginton.	Inspector	May 16, 1893			1,400				3.48
Chas. Vandervoort	Tagger	do			720				720.00
Jos. B. Clancy								28.25	
<i>Brightwood, Mass.</i>									
Wilbur J. Murphy	Inspector	June 1, 1900			1,400				
Albert C. Chapin	Tagger	Feb. 14, 1899			720				
John A. Kiernan								30.90	
<i>Nashville, Tenn.</i>									
Willis B. Lincoln	Assistant inspector	Apr. 11, 1898			1,200				
Do	Inspector	May 1, 1901			1,400				1,233.50
Hardee Wyatt	Tagger	Nov. 10, 1899			720				205.40
<i>Austin, Minn.</i>									
M. O. Anderson	Assistant inspector	Mar. 9, 1898			1,200				
Do	Inspector	Mar. 1, 1901			1,400				667.30
<i>San Diego, Cal.</i>									
Robert Darling	Inspector	Jan. 11, 1901			1,400				350.00
W. E. Hill	Lave stock agent	Nov. 15, 1897			1,200				98.90
								5.95	1.45
								27.85	7.85
								98.90	

Tagger	July 1, 1900	720	Transportation, Robt. Darling.	59.30	64.00
Edw. L. Wells The Cleveland Cincinnati Chicago and St. Louis Rwy. <i>Topeka, Kans.</i>					
Inspector Tagger	Sept. 1, 1898 June 17, 1901	1,400 720	Traveling expenses do	115.40 271.69	10.12 4.00 5.35
<i>Miscellaneous.</i>			Meat-inspection stamps Lead seals and wires Meat-inspection tags "Condemned" tags and dies Self-locking seals		8,661.98 1,590.00 475.00 245.85 450.00
Goes Lithographing Co E. J. Brooks & Co. Dennison Mfg. Co Chicago Car Seal and Mfg. Co International Seal and Lock Co			Furniture and repairing Stationery and record books Meat certificates Rubber bands Printed envelopes Tin cans Methyl violet Pliers Stamp holders and tips Rubber mold and tips Patent flexible mounts 100 boxes of type 8 dozen pads Violet pad ink Typewriter supplies Steel letters and figures Library Bureau cards Leather straps Hog rings 12 sheets perforated brass		236.10 182.70 650.00 68.80 96.50 54.65 44.00 25.50 33.10 29.86 37.20 26.00 18.10 20.88 15.60 11.60 13.65 9.00 6.19 8.65
W. B. Moses & Sons John C. Parker The Friedenwald Co Eberhard Faber United States Envelope Co. H. F. Miller & Son Mackall Bros Barber & Ross The Elastic Tip Co. Tyler Rubber Co. T. S. Buck Pearne E. Crowl Co Richard L. Lamb Philip Lindemeyer D. Frank Parker James B. Lambie Library Bureau James S. Topham Wm. E. Pratt The Harrington & King Perforating Co. Thos. Somerville & Sons M. Du Perow Harry E. Overstreet R. Carter Ballantyne C. S. Braisted Miller Lock Co The Geo. W. Knox Express Co			Brass mold Desk lamps Hauling Stamped labels Pencils Keys and rivets Express on tinware		5.00 6.50 7.62 8.80 2.20 3.21 1.25
E. Morrison Paper Co The Sun Printing and Publishing Co. Tribune Co			Binders' board Advertising proposals do		1.25 36.00 18.60

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MEAT INSPECTION—cont'd.									
Miscellaneous—continued.									
The Times Co.						Advertising proposals			\$11.20
The Washington Post Co.						do			11.10
The Evening Star News-paper Co.						do			9.30
S. R. Burch						Traveling expenses		\$82.75	
U. G. Honek						do		82.43	
Thomas A. Scott						do		40.80	
Southern California Rwy. Co.						Transportation, Dr. Melvin		5.00	
Chicago, Milwaukee and St. Paul Rwy. Co.						Passenger and freight transportation.		12.75	7.44
Kansas City, St. Joseph and Council Bluffs R. R.						do		11.65	2.12
Pittsburg, Cincinnati, Chicago and St. Louis Rwy.						do		16.00	.48
New York Central and Hudson River R. R. Co.						do		10.65	1.30
Boston and Albany R. R.						do		2.23	12.08
Chicago and Northwestern Rwy. Co.						do		4.27	12.16
Atchison, Topeka and Santa Fe Rwy. Co.						Freight on stamps and tags.			55.00
Chicago and Erie R. R. Co.						Freight on seals and presses.			29.75
Star Union Line						and tags.			33.69
Burlington and Missouri River R. R. in Nebraska.						Freight on stamps, seals, and stationery.			17.04
Illinois Central R. R. Co.						Freight on stamps, seals, and tags.			11.38
Chicago, Burlington and Quincy R. R. Co.						do			4.28
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.						do			4.54
Michigan Central R. R. Co.						Freight on stamps and seals.			4.19
Chicago, Rock Island and Pacific Rwy.						Freight on stamps, tags, and ink.			11.70

Pennsylvania R. R. Co.										10.26
Chicago, Indianapolis and Louisville Rwy.										6.59
New York New Haven and Hartford R. R. Co.										2.03
New York Chicago and St. Louis R. R.										1.64
Missouri Pacific Rwy. Co.										3.94
Lake Shore and Michigan Southern Rwy. Co.										2.91
Boston and Maine R. R.										1.07
Eric R. R. Co.										2.60
Vandalia Lime										1.58
Hannibal and St. Joseph R. R. Co.										1.94
Nashville, Chattanooga and St. Louis Rwy.										.37
Louisville and Nashville R. R.										.55
Burlington, Cedar Rapids and Northern Rwy. Co.										.82
Grand Trunk Rwy. System.										.37
Southern Pacific Rwy										4.89
Total									1,910.88	23,067.91

MICROSCOPIC INSPECTION.

Chicago, Ill.

Morris Wooden	Inspector	Mar. 16, 1899	\$1,800							1,731.55
E. L. Siggins	do	Sept. 1, 1893	1,400							1,400.00
John B. Sine	Expert assistant	June 1, 1900	1,200							1,188.57
Norman R. Adams	Stock examiner	Nov. 1, 1895	900							77.50
Geo. T. Hanton	do	June 27, 1895	900							225.00
Julius Kidder	do	Sept. 1, 1898	900							150.80
R. Kochanowski	do	Jan. 3, 1894	900							900.00
R. E. Lyman	do	Apr. 23, 1894	900							150.80
Horace G. Arnold	Tagger	Dec. 1, 1898	720							422.00
Do.	Stock examiner	Feb. 1, 1901	900							
David C. Barnett	Tagger	Mar. 25, 1898	720							720.30
Do.	Stock examiner	Feb. 1, 1901	900							672.02
W. A. Bitner	Tagger	Feb. 15, 1898	720							180.00
Chas. H. Bridges	do	May 4, 1899	720							
R. A. Broadhurst	do	Jan. 1, 1896	900							552.50
Do.	Stock examiner	Feb. 1, 1901	900							
Albert W. Ford	Tagger	Nov. 10, 1899	720							59.30
John Fitzgerald	do	June 27, 1895	720							635.83
A. E. Harris	do	May 1, 1896	720							40.60
Bert Haskett	do	Nov. 10, 1899	720							713.32
Herman Jacobus	do	June 27, 1895	720							720.00
Robt. G. Knappe	do	June 8, 1896	720							720.00
Total									1,910.88	\$544,169.77

Eliz. M. Donegan.....	do	Apr. 6, 1898	600	585.45
Barbara Dorse.....	do	Dec. 26, 1894	600	543.86
Ella B. Earle.....	do	Mar. 25, 1895	600	581.20
Eliz. K. Eckert.....	do	Mar. 16, 1895	600	573.87
Eulalia Edwards.....	do	Sept. 1, 1897	600	567.65
Garric Eblers.....	do	Feb. 16, 1898	600	49.50
Margret Enright.....	do	Sept. 1, 1893	600	437.40
Madida Evanson.....	do	Jan. 3, 1898	600	577.22
Ada K. Gannon.....	do	Feb. 15, 1894	600	311.92
Mary F. Goggin.....	do	Aug. 9, 1897	600	568.73
Charlotie R. Grosse.....	do	Oct. 11, 1898	600	587.73
Jennie E. Hatch.....	do	Sept. 7, 1897	600	587.69
Tessie C. Harvey.....	do	June 20, 1891	600	577.90
Bessie M. Healy.....	do	Oct. 6, 1898	600	600.00
Tillie Heil.....	do	Jan. 3, 1898	600	499.00
Jessie Hickman.....	do	Dec. 20, 1897	600	600.00
Dora V. N. Hosmer.....	do	Feb. 1, 1894	600	542.33
May E. Hotchkiss.....	do	Mar. 1, 1895	600	598.41
Myrtle A. Hunt.....	do	Jan. 3, 1898	600	482.15
Abbie W. Hunter.....	do	Feb. 1, 1894	600	561.11
Effie M. Hunter.....	do	Nov. 24, 1896	600	572.23
Mary Hurley.....	do	Dec. 1, 1893	600	585.10
Clara E. Holmes.....	do	Apr. 18, 1898	600	19.78
Corra A. Houseman.....	do	June 10, 1898	600	18.13
Sarah A. Ingram.....	do	Apr. 11, 1898	600	579.67
Louise Johnson.....	do	Jan. 3, 1898	600	582.79
May B. Joslin.....	do	Aug. 20, 1897	600	583.78
Mary E. Keau.....	do	Sept. 1, 1893	600	595.11
Nellie E. Kenyon.....	do	Dec. 20, 1897	600	99.41
Mattie Kneeland.....	do	May 1, 1894	600	573.84
Anna Klingel.....	do	Mar. 10, 1898	600	19.78
Alice Lawson.....	do	Aug. 9, 1897	600	573.85
Mary E. Leahy.....	do	Sept. 1, 1893	600	572.27
Kate R. Luce.....	do	Aug. 7, 1897	600	530.21
Ann T. Mace.....	do	Jan. 2, 1898	600	337.36
Ellen S. Mayhew.....	do	Dec. 1, 1898	600	600.00
Evelyn C. McCarthy.....	do	Jan. 3, 1898	600	599.23
R. McDonnell.....	do	Apr. 6, 1898	600	535.88
L. G. McGlasson.....	do	May 1, 1892	600	600.00
Daisy G. McGrath.....	do	Jan. 3, 1898	600	581.94
Katie A. Murphy.....	do	Aug. 15, 1892	600	597.51
Maggie Murphy.....	do	Jan. 6, 1898	600	513.40
Mamie F. Murray.....	do	Sept. 1, 1893	600	600.00
Eliz. L. Neill.....	do	Jan. 3, 1898	600	600.00
Annie Nicolai.....	do	Sept. 16, 1891	600	597.64
Agnes B. O'Brien.....	do	Aug. 9, 1897	600	596.69
Helen E. O'Brien.....	do	do	600	589.43
Julia H. O'Brien.....	do	do	600	524.31
Bertha A. Ockerby.....	do	Oct. 6, 1898	600	600.00
Bessie D. Ogden.....	do	Mar. 15, 1895	600	594.29
Jessie G. Ogden.....	do	Aug. 6, 1894	600	392.57
Genevieve Petrie.....	do	Dec. 20, 1897	600	322.86

Statement of disbursements from the appropriation for salaries and carpenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MICROSCOPIC INSPECTION— continued.									
Chicago, Ill.—Cont'd.									
Grace Puette	Assistant microscopist	June 15, 1898			\$600		\$11.54		
Anna M. Quinn	do	Oct. 1, 1894			600		573.75		
Agnes B. Rieder	do	Dec. 20, 1897			600		590.26		
Sarah A. Riley	do	Feb. 1, 1894			600		248.04		
Belle Ritter	do	Dec. 1, 1894			600		514.36		
Lila Robinson	do	Feb. 1, 1894			600		348.83		
Josephine Rockwell	do	Jan. 3, 1898			600		600.00		
Mabel Rockwell	do	Oct. 1, 1891			600		494.60		
Blanche Roy	do	Dec. 1, 1894			600		593.52		
Blanche Rutledge	do	Jan. 1, 1893			600		593.53		
Nellie A. Ryan	do	Oct. 10, 1892			600		505.77		
Hannah Scanlan	do	Apr. 1, 1892			600		600.00		
Ella Schwahn	do	Jan. 3, 1898			600		589.35		
Martha Schuell	do	June 10, 1898			600		89.82		
Mae Searles	do	Apr. 18, 1898			600		19.78	\$10.95	
Mae H. Shaw	do	Dec. 7, 1896			600		598.41		
Mary Sheehan	do	do			600		595.23		
Nellie Sheehan	do	Oct. 6, 1898			600		599.10		
Evalina M. Shepard	do	Feb. 19, 1897			600		289.02		
Jennie M. Shufeldt	do	Dec. 1, 1894		Feb. 28, 1901	600		585.49		
Pearl C. Sigler	do	Oct. 6, 1898			600		600.00		
Daisy Stewart	do	Feb. 1, 1898			600		95.65		
W. O. Steward	do	Feb. 1, 1894			600		590.94		
Maggie Taylor	do	Feb. 15, 1894			600		302.77		
Clara E. Townsend	do	May 16, 1898			600		85.76	7.75	
Josephine C. Tully	do	Jan. 3, 1898			600		564.94		
Katherine Tully	do	Mar. 1, 1895			600		575.50		
Mildred E. Waters	do	Nov. 24, 1896			600		586.97		
Nellie Walker	do	June 15, 1898			600		14.84		
Katharine Welland	do	Dec. 17, 1894			600		569.85		
Garnie Wells	do	Dec. 18, 1893			600		123.83		
Clara Werther	do	Sept. 1, 1891			600		595.02		
Marian Williams	do	Sept. 1, 1893			600		422.33	18.60	
Mary E. Williams	do	Oct. 25, 1897			600		407.93		
Florence Whyte	do	Oct. 6, 1898			600		600.00		
Edith W. Dewey	Laborer	Nov. 1, 1898			600		360.00		

* \$30.00

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	Miscellaneous.
MICROSCOPIC INSPECTION—								
continued.								
<i>Kansas City, Kans. and Mo.</i> —continued.								
Mary Henry	Assistant microscopist	Sept. 1, 1893			\$64.17			
Doratha Holt	do	Aug. 20, 1897	Feb. 16, 1901		14.67			
Sallie Hughes	do	May 1, 1895			54.25			
Hattie M. Johnson	do	Feb. 7, 1898			64.17			
Kate Lynch	do	Jan. 10, 1898			64.17			
Kate Martana	do	Jan. 11, 1893			62.54			
Millie Martin	do	Aug. 20, 1897			14.67			
Bessie J. Matson	do	Feb. 7, 1898			44.51			
Eliz. L. McCane	do	do			14.67			
Mary McCarty	do	June 1, 1892			14.67			
Louise C. Olson	do	Jan. 3, 1898			54.23			
Nora Osborne	do	Jan. 1, 1893			47.64			
Jessie E. Rogers	do	Feb. 7, 1898			64.17			
Stella Sweet	do	June 16, 1893			64.17			
Emma I. Torrence	do	Sept. 11, 1893			14.67			
Jennie Tunstall	do	Sept. 1, 1893			60.82			
Clara M. Waldo	do	Feb. 7, 1898			64.17			
Cora L. Williams	do	Jan. 10, 1898			64.17			
Marion Williams	do	Sept. 1, 1893			14.67			
Martha L. Wisdom	do	Oct. 1, 1893			4.89			
Fannie B. Woodson	do	Oct. 1, 1893			64.17			
Emma M. Wyatt	do	Aug. 1, 1892			64.17			
G. W. Tourtelot	do				64.17			
Emery, Bird, Thayer Dry Goods Co.						Office rent		\$135.00
W. H. Mossley						Window shades and baskets		5.03
Wyandotte Gas Co.						Boiler and sprinkler		1.50
						Gas		.44
<i>Indianapolis, Ind.</i>								
Richard W. Tuck	Assistant inspector	Apr. 18, 1898					1,233.50	
Do.	Inspector	May 1, 1901					720.00	
Mathew Quinn	Tagger	Apr. 16, 1893					119.40	
S. S. Sowers	do	Nov. 21, 1898					720	
Willard H. Treat	do	July 14, 1899					121.20	

Izetta A. Bell	Assistant microscopist	Dec. 15, 1898			600	244.64	
Margaret Clark	do	Apr. 16, 1894			600	159.85	
Mary B. Clark	do	June 21, 1897			600	97.83	
Matfie H. Dickinson	do	Feb. 1, 1898			600	233.22	
Mary A. Egan	do	Oct. 1, 1894			600	153.80	
Nellie Holland	do	Nov. 8, 1894			600	173.77	
Elizabeth S. Hurst	do	Dec. 7, 1896			600	215.33	
Lizzie Keller	do	Aug. 20, 1897			600	244.76	
Mary Lucid	do	Dec. 16, 1893			600	241.47	
Martina L. Metcalf	do	Dec. 1, 1898			600	249.63	
Pearl C. Miles	do	Dec. 7, 1896			600	218.60	
Flora F. Miller	do	Oct. 6, 1896			600	231.64	
Mary E. Ritchie	do	Nov. 26, 1894			600	233.30	
Rachel E. Robinson	do	Feb. 1, 1898			600	144.60	
Daisy Stewart	do	do			600	97.83	
Wtl. B. Tate	do	Oct. 9, 1896	Nov. 15, 1900	a \$30.00	600	360.00	3.30
Mary Morrison	Laborer	May 29, 1896		b 2.00		622.00	13.16
Lewis S. Dreyer	do	Oct. 10, 1898					12.06
N. C. Lorenson	do						
Armstrong Laundry	do						
Robt. L. McQuat	do						
<i>Boston, Mass.</i>							
Alfred F. Martins	Inspector	Apr. 1, 1901			1,400	115.40	\$18.15
Michael F. Henry	Tagger	June 20, 1901			720	19.78	
John S. Neagle	do	do			720	19.78	
Helen M. Cogan	Assistant microscopist	Apr. 11, 1898			600	21.43	
Mima M. Dean	do	do			600	21.43	
Elizabeth M. Driscoll	do	do			600	21.43	
Eliza M. Ellis	do	do			600	9.89	
Anna Erickson	do	July 16, 1893			600	16.48	
Abbie F. Gage	do	Feb. 15, 1895			600	9.89	
Violet A. Hall	do	Dec. 12, 1892			600	21.43	
Sarah G. Kelley	do	Nov. 24, 1896			600	21.43	
Mary E. Parker	do	Apr. 11, 1898			600	21.43	
Gora L. Seely	do	May 1, 1894			600	9.89	
Margaret V. Slater	do	Dec. 26, 1892			600	21.43	
Carlotta L. Ward	do	Apr. 23, 1894			600	11.54	
Alice M. Watkeys	do	May 1, 1894			600	11.54	
Effie I. Wescoff	do	Apr. 11, 1898			600	11.54	
Florence I. Young	do	do			600	9.89	
Bay State Clean Towel Co	do	Apr. 23, 1894			600		9.78
<i>Buffalo, N. Y.</i>							
A. F. Martins	Assistant inspector	Mar. 1, 1898			1,200	397.80	
M. Chojnacki	Tagger	Apr. 16, 1894			720	659.40	
Geo. A. Crane	do	July 12, 1899			720	60.60	
		Feb. 23, 1901					

^a Per month.

^b Per day.

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.

SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.			Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.	Traveling.	
MICROSCOPIC INSPECTION—continued.									
<i>Buffalo, N. Y.—continued.</i>									
John Mazurowski	Tagger.	July 10, 1893			\$720		\$180.00		
Chas. W. Pagle, jr.	do	Mar. 6, 1901			720		59.30		
Louise Brereton	Assistant microscopist	Sept. 1, 1897			900		165.68	\$12.00	
Do.	Microscopist.	May 15, 1901			600				
A. H. Richards	Assistant microscopist	Mar. 1, 1895			300		74.20	15.90	
Do.	Microscopist.	June 1, 1901			600				
Lillian E. Farrell	Assistant microscopist	July 10, 1893			600		183.05		
Mary A. Hanrahan	do	Aug. 20, 1897			600		187.94		
Mary F. Lannon	do	Sept. 11, 1893			600		206.16		
Lizzie Lidle	do	Aug. 1, 1892			600		187.94		
Pearl Masten	do	Dec. 15, 1892			600		202.81		
Anna L. Moran	do	Aug. 1, 1892			600		186.31		
Nellie Numan	do	July 10, 1893			600		65.21		
Johanna Greiner	Laborer	Nov. 10, 1900			a \$50.00		136.00		\$0.75
C. H. Zink		May 29, 1896							16.41
International Office Toilet Supply Co.							Office expenses		
James F. Hughes							Towel laundry		
Chicago, Burlington and Quincy R. R. Co.							Street-car fares	24.75	6.25
							Transportation, Brereton.		
<i>Sionix City, Iowa.</i>									
George A. Johnson	Inspector	June 1, 1900			1,400		579.40		
Thos. G. Cowgill	Tagger	May 9, 1898			720		180.00		
Myron H. Khng	do	Dec. 15, 1898			600		118.00		
Amelia M. Allyn	Assistant microscopist	May 16, 1898			600		218.90		
Martha A. Brittan	do	do			600		152.05	17.96	
Mary Connolly	do	June 10, 1898			600		101.55	26.83	
Mary K. Hiblin	do	June 16, 1893			600		95.03	5.38	
Cora A. Huseman	do	June 10, 1898			600		191.18	24.31	
Mary I. Pendleton	do	May 9, 1898			600		218.90		
Laura S. Ropiequet	do	Mar. 10, 1898			600		83.33		
Anna R. Strange	do	Feb. 7, 1898			600		212.20	23.60	
H. Inez Temple	do	do			600		218.90		

Statement of disbursements from the appropriation for salaries and expenses, Bureau of Animal Industry, etc.—Continued.
SALARIES AND EXPENSES—BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Designation.	Appointed.	Services ended.	Compensation.		Disbursements.		Traveling.	Miscellaneous.
				Per diem.	Per annum.	Miscellaneous items.	Salaries.		
MICROSCOPIC INSPECTION— continued.									
<i>South Omaha, Nebr.</i>									
A. R. Wake	Inspector	Jan. 1, 1899			\$1,400				\$705.23
Chas. S. Campbell	Tagger	Dec. 1, 1898			720				122.60
Morris T. Hascall	do	do			720				238.80
Ira F. Kne	do	July 18, 1898			720				181.40
Thos. Luddy	do	Feb. 15, 1895			720				120.80
John B. Payton	do	July 16, 1897			720				59.30
Chris. M. Raff	do	Mar. 9, 1898			720				234.00
Isaiah Richards	do	Dec. 1, 1898			720				179.24
L. Schibsby	do	Nov. 6, 1893			720				180.00
Geo. H. Schroeder	do	Aug. 1, 1898			720				59.30
Mary A. Atwood	Assistant microscopist	Aug. 7, 1898			600				267.98
Sarah H. V. Barber	do	Aug. 20, 1897	June 24, 1901		600				207.23
Maud B. Beck	do	Feb. 10, 1898			600				252.99
Mary G. Bothwell	do	Dec. 20, 1897	Apr. 25, 1901		600				136.24
Louise Bretonen	do	Sept. 1, 1897			600				155.09
Do	Microscopist	May 15, 1901			900				240.08
Ida E. Bushnell	Assistant microscopist	May 16, 1893			600				262.96
Mollie A. Conoyer	do	June 1, 1898			600				266.40
Ethel M. Fansher	do	do			600			\$0.85	221.26
Mary K. Gilbin	do	June 16, 1893			600				266.48
Lulu E. Gibson	do	Sept. 1, 1896			600				149.31
Margaret Hogan	do	June 16, 1893			600				264.73
Stella Huestis	do	Dec. 20, 1897			600				149.31
Etta Kassal	do	June 16, 1893	Apr. 23, 1901		600				258.13
Daisy C. Maus	do	Sept. 26, 1898			600				160.98
Mary H. Milton	do	Feb. 10, 1898			600				205.78
Mary E. Price	do	Sept. 1, 1897			600				264.73
Fannie Sage	do	Aug. 20, 1897			600				259.80
Corra A. Sayre	do	Jan. 5, 1895			600				256.76
Lizzie Spencer	do	Aug. 20, 1897			600				253.80
Helen S. Wainwright	do	Sept. 1, 1897			600				230.34
Louisa E. Wilson	do	Aug. 17, 1897			600				108.50
Emma Prill	do	Dec. 1, 1900							\$2.78
Don C. Ayer	Laborer								22.36
Frontier Towel Supply Co.							Miscellaneous expenses Towel laundry		

Miscellaneous.	Instrument repairer	4.00	1,234.00		
Colman Brez.....				Compressor glasses.....	444.00
E. J. Brooks & Co.....				Microscopic tags.....	250.00
American Tag Co.....				Microscopic stages.....	217.00
Johnson Electric Service Co.....				do.....	125.00
A. F. Martins.....				Meat stamps.....	64.00
Goes Lithographing Co.....				Tag fasteners and checks.....	63.50
Dennison Mfg. Co.....				Scissors, drills, and taps.....	61.36
Barber & Ross.....				Padlocks and keys.....	57.66
Miller Lock Co.....				Cable twine.....	19.00
J. P. Nawrath.....				Duplicate tags.....	16.80
Chas. O. Brockway.....				Chamois skins.....	12.00
Rudolph, West & Co.....				Repairing compressor frames.....	10.89
Elmer H. Catlin & Co.....				Flexible mounts and cement.....	8.25
T. S. Buck.....				Screws and emery.....	1.81
James B. Lambie.....				Freight on tag fasteners.....	.25
Chicago and Northwestern Rwy. Co.....				do.....	.21
Wisconsin Central Rwy. Co.....				Transportation, assistant microscopists.....	40.86
Sioux City and Pacific Rwy.....					
Total.....			107,794.33		5,791.52

a Per month.

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