

MEETING OF MARCH 12, 1889.

The Board of Trustees of the University of Illinois met in the University parlor, in Urbana, at 4:30 o'clock p. m., March 12, 1889, and, in the absence of the President, was called to order by the Secretary. Mr. Cobb was made President, *pro tempore*.

The call of the roll showed Messrs. Bennett, Bullard, Cobb, Harker, Haskell, McKay, and McLean present; absent, Governor Fifer, Superintendent Edwards, and Messrs. Clemens, Millard, and Shawhan.

The members recently elected, Samuel A. Bullard, Oliver A. Harker, Francis M. McKay, and Alexander McLean, had taken the oath of office before the meeting was called to order.

The minutes of the preceding meeting were approved.

The election of officers was put over until the next morning.

Upon invitation the Regent, Dr. Peabody, then presented his report, as follows:

REGENT'S REPORT.

To the Trustees of the University of Illinois.

GENTLEMEN: The year now ending has not been marked by any notable changes in the plans or practice of the University. As has already been reported, the attendance of University students is larger than in any previous year, and the whole number is equal to that of any former year. Most of these students are here with an earnest purpose to make the best use of their time and opportunities. Good order and faithful scholarship are the rule. The time never will come when to such a rule there will not be some exception.

At the end of the fall term, Professor John C. Jackson tendered his resignation, which was accepted by the Executive Committee. With the approval of the same authority arrangement was made with Mr. Albert G. Manns, Ph. D., to carry the work of the chair of chemistry to the end of the year. Mr. Manns is a graduate from our own school of chemistry, and has taken his degree of Doctor of Philosophy under Hoffman and other noted chemists at the University of Berlin. He entered upon

an engagement as first assistant chemist of the Experiment Station in September last. He has thus far acquitted himself well both as an investigator and as an instructor.

No other changes have occurred in the working force of the University.

FINANCIAL REPORTS.

I present herewith the usual report of the work of the University in its business departments during the year now closing. It will be seen that in each of these departments, except the machine shop, there is a small balance on the credit side of the account, and that the aggregate also shows a credit balance. The machine shop does very little of what has been styled commercial work, and most of that has been in the nature of repairs on University property. No profit can be charged upon such work, yet it is a convenience and a saving to have the work so done. But while the activity of the department is confined to such work and to instruction, it is hardly possible that it shall be even self-supporting.

The much larger volume of work shown by the carpenter shop appears from the fact that the building on account of the Experiment Station has all been done through this department. This is reported as "work for other parties," because the accounts of the University and of the Experiment Station are carefully kept distinct.

It is hoped that improving seasons and markets for farm products, will hereafter enable us to show a better report from the farm, in as much as the stock-farm is no longer required to carry the expenses of agricultural experiment, except as all farm work is an experiment. Some confusion of thought has grown in the public mind out of the fact that this institution has managed two distinct farms. The one, a very considerable body of land, has been used chiefly for experimental work, which is always costly and seldom remunerative. The other farm, a valuable property, has been managed as a business operation, but has always had to carry the losses of the experimental farm, and has therefore never been able to present a full account of its real service to the University.

In regard to the horticultural department, mention should be made of the fact that it has annually furnished a stock of plants for bedding in the grounds, which, if quoted at even wholesale market prices, would materially enlarge the credit to that account. It is, however, not probable that the plants would be bought if they had to be paid for in cash.

FINANCIAL REPORT.

The Department of Agriculture.

The University farm contains.....	610 acres
Occupied in public grounds, etc.....	100 "
The Experiment Station has occupied during the last year.....	100 "
The department of agriculture has used about.....	410 "
In meadow was.....	105 "
In pasture.....	110 "
In tillage.....	135 "
The products in 1888, farm and Station, were—corn, bushels.....	6,000
Oats.....	2,550
Seeds and ensilage.....	\$700 00
Value of grain and forage produced.....	2,900 00
Hay, 240 tons.....	1,840 00

Balance Sheet of the Agricultural Department.

Inventory, Dec. 1, 1888—		
Live stock.....	\$10,115 00	
Farm products.....	3,615 00	
Machinery and tools.....	1,800 00	\$15,530 00
Sales—		
Live stock.....	\$2,481 57	
Field products.....	1,650 95	
Miscellaneous.....	284 39	4,416 91
		\$19,946 91
Inventory, Dec. 1, 1887—		
Live stock.....	\$10,650 00	
Farm products.....	2,880 00	
Machinery and tools.....	1,800 00	
Notes and credits.....	100 00	15,430 00
Expenses—		
Labor.....	\$1,499 90	
Live stock.....	842 85	
Miscellaneous items.....	1,447 24	3,788 99
		\$19,218 99
Balance.....		727 92
		\$19,946 91

The Griggs Farm.

Rent received.....	\$503 70	
Expenses.....		\$503 70
Balance.....		
	\$ 03 70	\$503 70

The Horticultural Department.

Cr.		
Cash from greenhouse.....	\$192 30	
Nursery.....	26 90	
Small fruit.....	175 06	
Orchards.....	169 10	
Forest.....	19 70	
Garden.....	4 70	\$587 76
Trees for public grounds.....		9 00
		\$596 76

	Material.	Labor.	Total.	
Dr.				
Greenhouse.....	\$136 51	\$92 70	\$229 21	
Nur-ery.....		5 99	5 99	
Small fruits.....	10 70	48 30	59 00	
Orchards.....	13 30	91 10	104 40	
Forest.....		50	50	
Use of farm teams.....			7 00	
Balance.....				\$406 10
				190 66
				<u>\$596 76</u>

The Chemical Laboratory.

Cr.			
From state appropriation.....		\$275 00	
Received from students.....		1,017 17	
			<u>\$1,292 17</u>
Dr.			
Apparatus and materials.....		\$726 64	
Repairs, freight, etc.....		96 39	
Gas.....		320 00	
Balance.....			\$1,143 03
			149 14
			<u>\$1,292 17</u>
Inventory, March 1, 1887.....		\$15,457 83	
Transferred to mining department.....		546 75	
Inventory, March 1889.....			\$14,911 08
			<u>14,574 56</u>

The Machine and Carpenter Shops.

	Machine shop.	Carpenter shop.	
Cr.			
Work for University.....	\$588 87	\$1,156 81	
Work for other parties.....	376 10	2,976 72	
State appropriations.....	1,019 62	744 67	
Deficit.....		\$1,984 59	\$4,878 23
		677 21	
		<u>\$2,661 80</u>	<u>\$4,878 23</u>
Dr.			
Materials and tools.....	\$690 54	\$1,693 94	
Labor.....	226 74	1,651 68	
Power.....	244 52	214 52	
Instruction.....	1,500 00	1,080 00	
Balance.....		\$2,661 80	\$4,670 14
			208 09
		<u>\$2,661 80</u>	<u>\$4,878 23</u>
Inventory, Feb. 29, 1888.....	\$343 58	\$1,043 10	
Inventory, Feb. 28, 1889.....	321 69	873 21	

General Balance Sheet.

	Loss.	Gain.
Agricultural department.....		\$727 92
Griggs farm.....		503 70
Horticultural department.....		190 66
Chemical laboratory.....		149 14
Machine shop.....	\$677 21	
Carpenter shop.....		208 09
Total.....	\$677 21	\$1,779 51
Net gain.....	1,102 30	
	\$1,779 51	\$1,779 51

The report of Professor Morrow concerning the farm for the last quarter is herewith presented:

FARM REPORT.

UNIVERSITY, URBANA, March 11, 1889.

Dr. S. H. Peabody, Regent,

SIR: The receipts from the University farms were as follows:

Receipts for the quarter ending March 1, 1889, have aggregated.....	\$916 52
The expenses have been.....	367 05

The receipts may be classified as follows:

Hay.....	\$615 05
Cattle.....	53 00
Hogs.....	199 60
Labor.....	16 50
Timothy seed.....	21 00
Miscellaneous.....	11 37

The expenses were:

Labor.....	\$274 13
Feed.....	51 20
Lumber and repairs.....	36 07
Postage and petty expenses.....	5 65

Respectfully submitted,

G. E. MORROW, Professor of Agriculture.

The report of the Board of Direction of the Experiment Station, is herewith presented:

REPORT OF EXPERIMENT STATION.

To the Regent of the University.

SIR: The Board of Direction of the Experiment Station, at the end of the first year of Station work, respectfully reports as follows:

Exhibit A is a statement of the experiments which have been undertaken; of those which are still in progress; of those which have been brought to a conclusion; those which have been reported in bulletins; and those which are already for such report.

Exhibit A—Record of Experiments undertaken by the Experiment Station for the year ending March 12, 1889:

No. of Experiment...	SUBJECT OF EXPERIMENT.	Still in progress.....	Finished	Reported in bulletin	Ready for report.....
	<i>Field Experiments—</i>				
1	Corn, testing varieties.....	+	+	No. 4	..
2	Corn, testing varieties for ensilage.....	+	+	..	..
3	Corn, time of planting.....	+	+	..	..
4	Corn, depth of planting.....	+	+	..	..
5	Corn, thickness of planting.....	+	+	..	..
6	Corn, planting in hills or drills.....	+	+	..	..
7	Corn, effect of depth and time of plowing.....	+	+	..	..
8	Corn, frequency of cultivation.....	+	+	No. 4	..
9	Corn, depth of cultivation.....	+	+	..	..
10	Corn, effect of root-pruning.....	+	+	..	..
11	Corn, effect of fertilizers.....	+	+	..	..
12	Oats, quantity of seed per acre.....	+	+	No. 3	..
13	Oats, compact or loose seed bed.....	+	+	..	..
14	Oats, time of sowing.....	+	+	..	..
15	Oats, depth of sowing.....	+	+	..	..
16	Grasses, comparison of varieties.....	+	+	..	..
17	Clovers, comparison of varieties.....	+	+	..	..
18	Grasses and clovers sown with or without grain.....	+	+	..	..
19	Grasses, field tests of varieties.....	+	+	..	..
20	Clover, field tests of varieties.....	+	+	..	..
21	Grasses and clovers, field tests of mix ures.....	+	+	..	..
22	Weeds, numbers and kinds on given areas.....	+	+	..	..
23	Rotation, University experiments continued.....	+	+	..	..
24	Fertilizers, comparison of.....	+	+	No. 4	..
50	Grasses and clovers, effect of ripeness on yield and chemical qualities.....	+	+	..	..
53	Wheat, effect of time and manner of harvesting.....	+	+	..	..
54	Corn, root growth.....	+	+	No. 4	..
61	Wheat, effect of fertilizers [wheat sown in 1887].....	+	+	..	..
62	Wheat, effect of fertilizers.....	+	+	..	..
63	Wheat, methods of oil preparation.....	+	+	..	..
64	Wheat, large or small seed.....	+	+	..	..
65	Wheat, quantity of seed per acre.....	+	+	..	..
66	Wheat, time of sowing.....	+	+	..	..
67	Wheat, depth of sowing.....	+	+	..	..
68	Wheat, its relation to chess.....	+	+	..	..
69	Wheat, its protection from chinch bugs; effect of fertilizers upon.....	+	+	..	..
	[Experiment at Flora, Clay county.].....	+	+	..	..
70	Corn fodder, translocation after cutting.....	+	+	..	..
71	Corn fodder, effect of ripeness.....	+	+	..	..
	<i>Feeding Experiments—</i>				
25	Feeding ensilage to growing cattle.....	+	+	No. 2	..
26	Feeding cattle of different breeds.....	+	+	..	..
27	Cost of production of young steers.....	+	+	..	..
28	Cost of production of young colts.....	+	+	..	..
29	Cost of production of young calves.....	+	+	..	..
30	Effect of ash constituents upon pigs.....	+	+	..	..
58	Record of milk product, milk measured in experiment No. 29.....	+	+	..	..
59	Cost of production of young heifers.....	+	+	..	..
60	Pigs, comparison between corn, grass, and corn and grass in feeding.....	+	+	..	..

* Failed.

No. of Experiment....	SUBJECT OF EXPERIMENT.	Still in progress....	Finished	Reported in Bulletin	Ready for report....
	<i>Feeding Experiments—Continued.</i>				
72	Comparative value of new and old corn in feeding steers.....	..	*	..	..
74	Comparative value of corn and pumpkins, of corn, and of corn and apples in feeding pigs.....	..	+	..	+
81	Value of offal fed to pigs.....	..	+	..	..
82	Feeding ensilage to colts.....	..	+	..	..
83	Comparison of corn meal, and of corn meal and wheat meal fed to pigs.....	..	+	..	..
	<i>Tree Culture—</i>				
31	Orchard, soil cultivation and management.....	..	+	..	..
32	Orchard, soil fertilization.....	..	+	..	..
33	Apples, testing new varieties by planting.....	..	+	..	..
34	Apples, testing new varieties by top-grafting.....	..	+	..	..
35	Apples, testing hardiness of root-grafted and double-worked trees.....	..	+	..	..
36	Pears, testing new varieties.....	..	+	..	..
37	Plums, testing new varieties.....	..	+	..	..
38	Cherries, testing new varieties.....	..	+	..	..
39	Forest trees, growing of.....	..	+	..	..
57	Trees, use of insecticides on.....	..	+	..	+
78	Testing time and methods of transplanting trees.....	..	+	..	..
79	Testing and improving native fruits.....	..	+	..	..
80	Testing the effects of stock and cion upon each other.....	..	+	..	..
	<i>Vine Culture.</i>				
40	Grape, testing new varieties.....	..	+	..	..
41	Grapes, methods of training.....	..	+	..	..
42	Grapes, soil treatment.....	..	+	..	..
	<i>Small Fruit Culture.</i>				
43	Blackberries, testing varieties.....	..	+	..	..
44	Raspberries, testing varieties.....	..	+	..	..
45	Strawberries, testing varieties.....	..	+	..	..
46	Strawberries, method of management.....	..	+	..	..
51	Strawberries, raising seedlings.....	..	+	..	..
52	Raspberries, soil management.....	..	+	..	..
	<i>Gardening.</i>				
47	Tomatoes, effect of artificial fertilization upon earliness of product.....	..	*	..	..
48	Beans testing varieties.....	..	+	..	..
49	Sweet corn, testing varieties.....	..	+	No. 4	..
56	Potatoes, investigation of scab.....	..	+	..	+
	<i>Tree and Vine Culture.</i>				
55	Fungicides, use of.....	..	+	..	+
	<i>Miscellaneous.</i>				
73	Record of soil temperature.....	..	+	..	..
75	Soil moisture, evaporation of water from the surface of water, of uncultivated soil, of cultivated soil, of a corn plant, and of grass.....	..	+	..	+
76	Meteorological record from August 17, 1888.....	..	+	..	..
77	Biology of ensilage.....	..	+	..	..

* Failed.

Exhibit B is a statement of the expenditures for the year by quarters. Discrimination is made between those expenditures which were incidental to the organization of a new enterprise and those which may be compared with the usual current expenses of a regular working year. This discrimination seems to be desirable in order that the proper authorities may know how to apportion funds for the coming year's work.

Exhibit C is a statement of the sums appropriated and expended during the current quarter. In this quarter the expenditures in certain particulars, especially in the publication of bulletins, have been much more than

had been anticipated. The aggregate of expenditures has been only slightly above the sums allowed, and has not passed the pro rata to this point in the year. The balances of moneys not used amount to \$335.15, and the amounts overdrawn are \$380.00, which you are asked to examine and approve.

Exhibit C—Appropriations, expenditures, deficits, balances, current quarter ending March 31, 1889:

	Appropriated.	Expenses.	Deficits.	Balances.
Buildings and repairs.....	\$50 00			\$50 00
Board expenses.....	50 00	\$23 70		26 30
Books and publications.....	350 00	375 00	\$25 00	
Bulletins and reports.....	350 00	585 00	235 00	
Chemical apparatus, etc.....	50 00	80 00	30 00	
Fuel and lights.....	100 00	120 00	20 00	
Incidental expenses.....		10 00	10 00	
Printing, stationery and postage.....	25 00	15 00		10 00
Salaries.....	1,950 00	1,910 00		40 00
Seeds and trees.....	100 00	100 00		
Tools.....	50 00	44 65		5 35
Wages.....	700 00	760 00	60 00	
Prevention of chinch bug ravages.....	75 00			75 00
Stock feeding and dairying expenditures.....	100 00			100 00
Expenses delegates to Knoxville.....	100 00	71 50		28 50
Total.....	\$4,050 00	\$4,094 85	\$380 00	\$335 15

Balance of government appropriation, March 31, 1889, \$4,070.52.

Exhibit D is the estimate for the fourth quarter of the year, ending June 30, 1889.

Exhibit D.—Estimates for fourth quarter ending June 30, 1889:

Buildings and repairs.....	\$100 00
Board expense.....	40 00
Books and publications.....	100 00
Botanical apparatus.....	30 00
Bulletins.....	250 00
Chemical apparatus, etc.....	75 00
Fertilizers.....	60 00
Fuel and lights.....	100 00
Incidental expenses.....	40 00
Printing, stationery and postage.....	25 00
Salaries.....	1,950 00
Seeds and trees.....	20 00
Tools.....	30 00
Wages.....	1,100 00
Prevention of chinch bug ravages.....	25 00
Fencing for experiments.....	50 00
Experiment with fertilizers on corn in southern Illinois.....	75 00
Total.....	\$4,070 00

Exhibit E is a list of the vouchers and warrants, Nos. 91-95 and 242-326 inclusive.

Exhibit F is a statement of the recommendations of the Board of Direction as to experiments to be undertaken for the coming year; of the appointments of assistants; and of moneys to be appropriated, and lands to be used for the purposes of the Station.

Exhibit F. Recommendations of the Board of Direction.

The Board of Direction of the Agricultural Experiment Station asks of the Trustees of the University permission to undertake the following experiments, in addition to carrying forward those already authorized.

1. Oats, testing varieties.
2. Oats and wheat, a trial of the plan of growing them together.
3. Sugar beets and mangel-wurzels, cost of raising them, and value of the crop.

4. Corn, the effect of fertilizers upon. The purpose is to conduct this experiment upon a light soil at some convenient point in southern Illinois.

5. Grass lands [meadow and pasture], tests of the use of fertilizers upon.

6. Pigs, cost of production, and rate of growth from birth.

7. Cross fertilization of plants, testing the effects of.

8. Fruits, production of new varieties from seeds.

Authority is also asked to determine the percentage of water in such samples of corn raised in Illinois as may be sent to the Station by persons who make entry for a premium in the Prize Crop Competition conducted by the *American Agriculturist*.

The Board of Direction recommends to the Trustees of the University the reappointment of

Thos. F. Hunt, assistant agriculturist.

George W. McCluer, assistant horticulturist.

Albert G. Manns, first assistant chemist, and

Harry S. Grindley, second assistant chemist of the Station, for the ensuing year, beginning April 1, 1889.

To carry on the operations of the Station, appropriations of Station funds are asked to the amount of three hundred and eighty dollars (\$380.00) for the current quarter, and to the amount of four thousand and seventy dollars (\$4,070.00) for the fourth quarter of the year, as set forth in detail in the financial statement for this quarter and the estimates for the next quarter presented herewith as exhibits C and D.

The lands desired are:

1. Those in use last year.

2. About 10 acres on experimental farm, and the grass land in the forest plantation.

3. One or two acres on the northwest portion of the stock farm for trial of fertilizers on grass.

Authority is asked to purchase chemical apparatus and supplies for the next year to the amount of \$250. In order to secure these supplies free of duty charges, they must be procured abroad, and they must be ordered soon if they are to be imported before autumn. It will probably be well to get these supplies at the same time when the University supplies are bought.

All of which is respectfully submitted on behalf of the Board of Direction.

S. H. PEABODY, President of the Board.

The report of sales of Nebraska lands is herewith presented.

NEBRASKA LANDS.

The sales of Nebraska lands since the last annual report are as follows:

	Price.	Cash paid.
58. Eilert Mulhausen, NE $\frac{1}{4}$ 3-2-8, 149.29 a.....	\$1,866 12	\$466 53
59. Frank Havlina, N $\frac{1}{2}$ SE $\frac{1}{4}$ 26 3-8, 80 a.....	1,000 00	400 00
60. James Havlina, S $\frac{1}{2}$ SE $\frac{1}{4}$ 26-3-8, 80 a.....	1,000 00	400 00
61. Adolph Marquandt, NE $\frac{1}{4}$ 3-2-8, 147. 91 a.....	1,848 88	548 88
	\$5,715 00	\$1,815 41

The whole number of acres in Nebraska offered for sale was.....	9,340.09
The number of acres sold to date is.....	9,182.60
Unsold, one quarter section.....	157.49
The total price of land sold is.....	\$119,433 94

Up to the present time twelve of the sales have been perfected by the payment in full of principal and interest, and deeds have been given. In most cases the buyers have been prompt in the payment of installments as they have fallen due, and in no case has it yet been necessary to resort to any harsh measures to enforce collections.

RECOMMENDATIONS.

I beg leave to recommend appropriations from various funds as follows:

1. The usual current appropriations for next six months as presented by the Business Agent.
2. From state appropriations for buildings and grounds:

For repairs of walks and drives.....	\$100 00
For care of lawn, etc., to July 1st.....	200 00

3. From state appropriations for cabinets:

For cases in natural history museum.....	\$45 00
For labor, mounting fossils, and for tablets.....	45 00
For current expenses, zoological laboratory.....	60 00
For earthquake model.....	24 30

4. From state appropriations for apparatus and material:

For additional desks for architectural drawing-room.....	\$30 00
For carpet for reception room.....	75 00

5. I ask authority to obtain bids and to contract for chemical apparatus and supplies to the amount of \$650.00.

6. Also authority to print 5,000 copies of the University catalogue at cost not to exceed \$350.00.

7. Also to expend a suitable sum for commencement exercises.

Respectfully submitted,

SELIM H. PEABODY,

Regent.

About six o'clock the reading of the report was interrupted with a motion for an adjournment till evening; but before the motion was put, the report of the Business Agent, Professor Shattuck, was received as follows, and was referred to the Auditing Committee.

MARCH 12, 1889.

S. M. Millard, Esq., Pres. Board of Trustees, University of Illinois,

SIR: I have the honor to hand you herewith the financial statements due from me at this time.

Paper A is that of current expenses and receipts for the six months ending February 28, 1889.

Paper B shows the condition of the State appropriations February 28, 1889.

Paper C is a list of vouchers presented for audit, being 176-400 inclusive.

Paper D is an estimate of current receipts and expenses for the six months ending September 1, 1889.

The Board is requested to appropriate the estimated amount for expenses, \$24,835.66.

Respectfully submitted,

S. W. SHATTUCK, Business Agent.

Papers A and B are as follows:

STATE APPROPRIATIONS.

	Appropriated.	Received.	Expended.	Balance.
Taxes on lands ($\frac{1}{2}$ per annum).....	\$3,500 00	\$3,128 85	\$3,128 85	.....
Buildings and grounds ($\frac{1}{2}$ per annum).....	4,000 00	4,000 00	3,522 16	\$477 84
Mechanical and arch'l. shops ($\frac{1}{2}$ per annum).....	3,000 00	3,000 00	2,610 00	390 00
Books and publications ($\frac{1}{2}$ per annum).....	3,000 00	3,000 00	2,130 07	869 93
Cabinets $\frac{1}{2}$ per annum).....	2,000 00	2,000 00	1,644 60	355 40
Expenses of instruction ($\frac{1}{2}$ per annum).....	32,000 00	32,000 00	32,000 00	.....
Apparatus and material ($\frac{1}{2}$ per annum).....	3,000 00	3,000 00	2,587 49	412 51
Metallurgical laboratory.....	4,000 00	4,000 00	2,569 81	1,430 19
	\$54,500 00	\$54,128 85	\$50,192 98	\$3,935 87
Illinois State Laboratory of Natural History..	16,325 00	14,690 71	10,041 77	4,648 94

CURRENT APPROPRIATIONS.

Of Sept. 11, and Dec. 11, 1888.	Appropriated	Receipts also Appropriated	Expended.	Balance.
Board expenses.....	\$300 00	.....	\$283 53	\$16 47
Salaries for instruction } State	20,456 00	.....	13,441 73	1,122 58
" " services.....	1,610 00	\$777 78	6,669 47	
Buildings and grounds.....	25 00	128 00	146 50	55 10
Fuel and lights.....	2,000 00	142 36	1,637 87	6 50
Stationery and printing.....	30 00	.....	210 38	504 49
Mechanical department.....	200 00	725 45	798 66	109 62
Architectural.....	200 00	3,402 60	2,282 11	126 79
Agricultural.....	200 00	2,156 65	1,483 99	1,320 19
Horticultural.....	200 00	192 90	208 01	872 67
Military.....	50 00	.....	48 63	184 89
Laboratories.....	600 00	627 57	729 69	1 37
Library and apparatus.....	50 00	30 25	62 79	497 88
Incidentals.....	241 85	.....	142 66	62 79
<i>Sundries—</i>				99 19
Furniture and fixtures.....	50 00	.....	37 21	12 79
Water supply.....	200 00	.....	200 00	.....
Commencement expenses.....	15 50	.....	15 50	.....
Rifle range.....	25 00	.....	18 21	6 76
Preparatory year.....	.....	1,287 50	799 98	487 52
University students' fees.....	.....	6,217 25	.....	6,237 25
Music fees.....	.....	73 00	73 00	.....
Griggs farm.....	.....	200 00	.....	200 00
Paris Exposition.....	50 00	.....	14 52	35 48

The Board then adjourned to meet in the parlor of the Doane House, in Champaign, at 7:30 o'clock, p. m.

EVENING SESSION.

The Board met in the evening pursuant to adjournment, the same members being present as in the afternoon.

The reading of the regent's report was completed, and the order was made that it be recorded.

The treasurer, John W. Bunn, then presented his report, and it was referred to the Finance Committee.

JOHN W. BUNN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS, DR.

1888.						
Dec.	11	To balance.....				\$17,133 14
Dec.	15	Amount received on account of architectural department	\$2,494 15			
		mechanical department..	340 80			
						2,834 95
1889.		Amount received for interest on Sangamon school bonds				168 00
Jan.	2	on Chicago water bonds.	\$875 00			
		from Treasurer.....	2,200 00			
						3,075 00
Jan.	3	Amount received of Agricultural Experiment Station.				333 33
Jan.	12	on account of chemical laboratory....	\$46 00			
		fuel and lights	41 60			
						87 60
Jan.	15	Amount received for interest on Champaign school bonds				360 00
Jan.	22	To interest on land contract No. 2, J. T. Applegate.....	\$26 88			
		3, J. H. Cummings, assignee.....	29 36			
		5, D. C. Bahor and A. Ault, assignee.....	92 00			
		6, J. G. Ladd, assignee.....	60 35			
		9, C. M. Dawson.....	80 00			
		10, J. W. Herbert.....	144 00			
		11, J. Stambaugh, assignee.....	120 00			
		13, H. T. Willis and A. W. Mills.....	120 00			
		14, W. L. Collins.....	120 00			
		15, P. A. Moore, assignee.....	137 80			
		16, R. L. Gumaer.....	21 00			
		17, R. L. Gumaer.....	48 00			
		18, D. A. Young, assignee.....	96 00			
		19, L. Larsen.....	144 00			
		21, Dennis Magner.....	72 15			
		22, H. H. Snyder and J. F. a tin.....	64 00			
		24, Peter Mooney, assignee.....	279 55			
		25, Peter Mooney, assignee.....	279 55			
		26, H. A. Greenwood, assignee.....	84 00			
		27, A. L. Wright.....	120 00			
		28, A. L. Wright.....	121 15			
		30, E. L. Baughman, assignee.....	80 00			
		31, J. A. Hnsen.....	120 00			
		32, P. C. O'Brien.....	160 00			
		33, C. Hesse.....	100 80			
		34, J. & H. J. Swoboda.....	96 00			
		35, J. & W. Losey.....	96 00			
		36, W. H. Ruyle, assignee.....	121 00			
		38, N. R. Simpson.....	120 00			
		39, J. E. Bliken-taff.....	124 65			
		40, Joseph Dezort.....	180 00			
		41, A. L. French, and T. D. Slosson.....	120 00			
		42, W. L. Morton and F. L. Marrs.....	120 00			
		43, Samuel Cox.....	67 20			
		44, Chas. E. Baker.....	67 20			
		45, Blevins & Miller.....	124 48			
		47, M. Hubka.....	50 00			
		48, J. K. Cullen.....	96 00			
		50, R. F. Hnizda.....	104 00			
		51, J. Skubal and J. W. Hnizda.....	112 00			

		Dr.		
1889.				
Jan.	22	To interest on land contract No. 52, J. W. Hnizda,.....	\$72 00	
		53, T. W. Novotny, assignee.....	80 00	
		54, B. F. Leiby.....	128 15	
		55, L. L. Ruyle.....	64 00	
		56, L. L. Ruyle.....	80 00	
		57, C. Anderson.....	144 00	
		58, E. Mulhausen.....	32 65	
		59, Frank Havlina.....	4 00	
		60, James Havlina.....	4 00	
				\$4,925 92
Feb.	28	To amount received on account buildings and grounds.....	\$44 00	
		mechanical department.....	321 65	
		architectural.....	793 63	
		agricultural.....	916 52	
		horticultural.....	85 75	
		laboratories.....	570 57	
		library and apparatus.....	25	
		preparatory year.....	662 50	
		Univer'y students' fees.....	2,790 00	
		music fees.....	73 00	
		Griggs farm.....	200 00	
				6,460 87
				\$35,378 81
		Cr.		
		By amount paid on account board expenses.....	\$104 82	
		salaries.....	4,280 66	
		buildings and grounds.....	43 11	
		fuel and lights.....	1,004 84	
		stationery and printing.....	109 85	
		preparatory year.....	399 99	
		mechanical department.....	349 12	
		architectural department.....	621 80	
		agricultural department.....	367 05	
		horticultural department.....	72 28	
		military department.....	22 13	
		laboratories.....	205 29	
		library and apparatus.....	40 12	
		incidental expenses.....	114 26	
		By amount paid on account furniture and fixtures.....	\$28 44	
		music fees.....	73 00	
		Paris Exposition.....	14 52	
		State appropriations—		
		By amount paid on account buildings and grounds.....	418 19	
		mech'l and arch'l. shops.....	375 00	
		books and publication.....	539 40	
		cabinets.....	241 46	
		expenses of instruction.....	6,541 91	
		apparatus and material.....	443 18	
		metallurgical laboratory.....	568 48	
		State Laboratory of Natural History.....	1,294 59	
		Balance.....		10,422 21
				17,105 32
				\$35,378 81

Urbana, February 12, 1889.

JOHN W. BUNN, Treasurer.

The Executive Committee handed in the following report of its acts, and on motion of Mr. McKay the report was accepted and the acts of the committee confirmed.

REPORT OF THE EXECUTIVE COMMITTEE.

To the Trustees of the University of Illinois.

GENTLEMEN: The Executive Committee respectfully reports that since the last meeting of the Board it has transacted the following business:

December 31, 1888. Accepted the resignation of Professor John C. Jackson. Authorized the employment of Mr. A. G. Manns in the department of chemistry for the remainder of the current college year, and the payment to him for such service fifty dollars per month until the first day of July in addition to the pay which he now receives from the Experiment Station.

Jan. 16, 1889. Authorized payment of \$31.20 for binding twelve volumes of Patent Office Reports.

Jan. 22. Authorized the payment of \$60 per month to G. B. McHugh, assistant in chemistry, until the end of the current college year.

Jan. 26. Authorized the acceptance of the bid of A. C. McClurg & Co., for books and the purchase of books of them to the amount of \$545.88; and farther authorized the Regent "to purchase the necessary books not included in the above list at the best terms possible and to report the same to the Board."

The following item was omitted from the last report:

Sept. 24, 1888. Authorized purchase of books of E. Steiger & Co., of New York, to amount of \$28.20.

Respectfully submitted,

S. M. MILLARD,	} Executive Committee.
EMORY COBB,	
CHAS. BENNETT,	

Mr. Bennett, chairman of the special committee previously appointed to consider and report upon the matter of certificates and upon "graduation with a certificate," presented the following report:

REPORT OF THE COMMITTEE ON GRADUATION WITH A CERTIFICATE, ETC.

This Committee has been instructed to consider and report upon the recommendations of the Regent concerning the general subject of "Graduation with a Certificate" made to the Trustees at their meeting in September last, which subject also includes the question asked by the Faculty at the last June meeting, concerning the scope of the certificate itself.

Your committee finds the law concerning the issuance of certificates to be as follows: "The Trustees, on recommendation of a majority of the Faculty, may authorize the Regent of the University to issue certificates of scholarship under the seal of the University, to any student of good moral character, who shall have been in attendance not less than one year, and shall have completed satisfactorily the studies of the year, which certificate shall set forth the precise attainments, as ascertained by special examinations, in the several branches of learning studied by such student during his attendance in the University." [*Law of 1867, Sec. 10.*] The conditions on which a certificate may be granted are, at least one year's residence at the University, the one year being reasonably presumed to mean the recognized collegiate year; good moral character, and satisfactory scholarship; the latter to be set forth by grades upon the subjects studied, as found by examinations. The law gives no authority for issuing any form of certificate other than this; nor does it authorize the certification of attainment in any subject studied by the student while he was not in attendance at the University. It may be urged that the law does not forbid either of these things. But the same law did not forbid the conferring of degrees. Yet it was properly held that the government of the University had, under this law, no authority to confer degrees, and legislative sanction was invoked and obtained before either the Faculty or the Trustees assumed that power. In this respect, at least, it was conceded that the law did not permit what it did not specify.

In 1872 the custom was introduced of "graduating" such students as could show a satisfactory record in any thirty-six terms of University work, and the custom has been continued to the present time. It soon appeared that there was a degree of contradiction in terms in "graduating" persons who did not receive "degrees." It was also found, as is well known, that the scholarly public did not recognize this form of graduation as the equivalent of that customary in other American colleges. A brief experience led the friends of the University to seek legislative authority to confer degrees, and that authority was granted.

When the University assumes to confer the honors of scholarship upon its graduates, it may and should determine the conditions upon which those honors should be received and the significance they should bear before the public. As the University has established within itself a variety of schools—which variety will doubtless be considerably enlarged as the growth of the institution progresses—it is necessary that the requirements for graduation in the several schools should be made to vary to correspond with the distinctive characters of those schools. In each course there is found a line of work which those best qualified to judge deem so essential that no person can claim to be learned in that department, who has not acquired a fair proficiency in the subjects included therein. To these subjects others, important for general discipline, are added, but so as to allow a wider latitude of choice, always within well considered and approved limits. There are now some fifteen or more distinct courses leading to degrees, thus affording to the student a large latitude of choice. This method of offering "options" to students admits of large extension, and the Trustees and Faculty will doubtless make such extensions as rapidly as the growth of the University will permit.

The honors of the University should be granted only upon conditions determined by itself, and should be restricted to the degrees which are offered for proficiency in the courses of study prescribed in the different schools.

While, in a few cases, the work which has hitherto been accepted as the reason for giving a full certificate, has been the equivalent of that required for a degree, as a rule this is found not to be the case during the time since the degrees have been given. The Regent reports that an examination of the list of graduates for several years past shows that most of those who have taken the certificate during that time, did so because in each case there was some deficiency, and that usually an important one, which forbade the reception of a degree, but which would not have existed had not the certificate offered an easier route to graduation. It would be easy to specify various ways in which the system of giving the full certificate as a method of graduation may serve as a detriment both to good discipline and to sound scholarship.

*Among the inequalities of the case may be cited the counting of the military work towards the requirements for a certificate. The military work is not counted towards any degree. It has its own peculiar and very attractive reward in the commission which the governor has given, one which is ample distinction for those who have done good work in this department. It is not intended that a man shall get his commission until he has completed honorably a full course of study; and yet it has happened that a student who was three steps short of graduation with a degree, on account of real deficiencies on his part, has nevertheless counted in his military work, received his certificate, and obtained his commission, in accordance with regulations, but really before he was entitled to such marks of distinction.

An examination of the law upon this subject shows your committee that no form of graduation was contemplated by it. It was intended that each student, as he leaves the University, after a residence of one year or more, having maintained a creditable character for good life and scholarship, might bear with him a statement in detail of the facts in his case, which statement should be of such value to him in the community as its face should indicate. Such a statement is the right of every student, whether he has the diploma of a degree or not. Your committee recognizes this

as the meaning of the law, and sees no reason for wishing the law to be changed. Your committee farther believes that under the law this certificate should include a record of the several branches of learning studied by such student during his residence at the University, and of no others.

As the custom of granting full certificates as a form of graduation upon commencement day has stood for a considerable time, and as some of the students now of the University may have, in good faith directed their studies in accordance with this custom, it might work an unfairness to such to have the custom summarily abolished. Your committee believes that the custom should be terminated as soon as it may be done without working injustice.

Your committee therefore recommends,

1. That the form of graduating the students of the University of Illinois, by granting so-called "Full Certificates," terminate with the commencement of 1891, and that no such form of graduation be permitted after that time.

2. That the subjects and standings engrossed upon any certificate be restricted to those pursued by the student during his residence at the University.

3. That the record of military studies be not counted as part of the thirty-six studies for which full certificates may be given up to the time fixed above for their final discontinuance.

As the question of receiving credits from other institutions of collegiate grade, as a basis of advanced standing in the University is closely germane to those discussed in this report, your committee has considered the same and offers these opinions:

The customs of most first-class institutions permit such admission to advanced standing. The claim of the student for such admission should be made by him, and be considered by the Faculty, to be allowed or rejected as that body may determine, when the student is admitted to membership in the University, or as soon after as may be practicable. Admission to advanced standing may be allowed, if the Faculty shall find, by examination or otherwise, as shall be deemed expedient, that the work done by the student is a fair equivalent for that usually done in the University in the subject or subjects under consideration. The standings in such subjects so accepted by the Faculty may be taken as part of the record on which the degree may subsequently be given, provided that at least the work of one full year must have been done at the University of Illinois. All of which is respectfully submitted.

CHAS. BENNETT.
ALEX McLEAN.
F. M. MCKAY.
S. H. PEABODY.

The report was adopted upon motion of Mr. McLean.

Upon motion of Mr. McLean the following appropriations were made for the State Laboratory of Natural History for the quarter ending June 30, 1889:

For the field work and the office incidental expenses.....	\$250 00
For the improvement of the library.....	250 00
For the pay of assistants.....	750 00
For the publication of bulletins.....	75 00

On motion of Mr. McLean there was assigned

From state appropriation for buildings and grounds—	
For repairs of walks and drives.....	\$100 00
For care of lawn, etc., to July 1st.....	200 00

On motion of Mr. Bennett there was assigned

From state appropriation for cabinets—	
For cases in natural history museum.....	\$45 00
For labor, mounting fossils, and for tablets.....	45 00
For current expenses of zoological laboratory.....	60 00
For earthquake model.....	24 30

On motion of Mr. Bullard there was assigned

From state appropriation for apparatus and material—	
For additional desks for architectural drawing.....	\$30 00
From current funds—	
For carpet for reception room.....	75 00

On motion of Mr. Haskell, the Regent was given authority to obtain bids and contract for chemical supplies on University account to the amount of six hundred and fifty dollars.

On motion of Mr. McLean, he was also given authority to print five thousand copies of the University catalogue at an expense of not to exceed three hundred and fifty dollars, to be paid from current funds.

And on motion of Mr. Bennett, he was authorized to spend from the current funds not to exceed two hundred dollars for commencement expenses.

The general appropriations for the next six months, as asked for by the Business Agent, were then made on motion of Mr. Bennett, as follows:

Board expense.....	\$300 00
Salaries for instruction.....	19,835 66
Salaries for services.....	1,400 00
Buildings and grounds.....	50 00
Fuel and lights.....	1,000 00
Stationery and printing, catalogues, etc.....	700 00
Library and apparatus.....	50 00
Incidental expenses.....	200 00
Mechanical department.....	200 00
Architectural department.....	200 00
Agricultural.....	200 00
Horticultural.....	200 00
Military.....	50 00
Laboratories.....	200 00
Water supply.....	200 00
Furniture and fixtures.....	50 00
Total amount appropriated.....	\$24,835 66

The Board adjourned to meet at the University parlor, in Urbana, at 9 o'clock, a. m. the next day.

SECOND DAY'S SESSION.

The Board met Wednesday, March 13, 1889, pursuant to adjournment, the same members being present as on the preceding day.

The Regent presented the following petition, with the state-

ment that the Faculty, to whom it was addressed, respectfully referred it to the Board of Trustees:

To the Faculty.

We, the young ladies of the University of Illinois, respectfully solicit the use of a room for a gymnasium and an instructor in calisthenics.

[Signed by forty-seven young ladies, students of the University.]

On motion of Mr. McKay, the petition was referred to the Committee on Buildings and Grounds with instructions to consult with the Faculty in relation to the matter and report at the next meeting.

The further appropriation of Experiment Station funds for the current quarter, as asked by the Board of Direction of the Station, and shown in exhibit D accompanying its report, was made on motion of Mr. Haskell.

On motion of Mr. McLean, an appropriation of Station funds was made for the quarter ending June 30, 1889, according to exhibit C of the report from the Station.

On motion of Mr. Bennett, authority was given the Board of Direction to repeat or continue experiments already authorized, as it should deem best, and to undertake the additional experiments detailed in its report.

The Board of Direction was, on motion of Mr. Bennett, authorized to act in its discretion with regard to the *American Agriculturist's Prize Crop Competition*.

The request of the Board of Direction for lands to be used in its operations was granted on motion of Mr. McLean.

The Board of Direction was also authorized to contract for chemical apparatus and supplies for next year to the amount of two hundred and fifty dollars.

The Trustees then took a recess of half an hour, so that they might attend the chapel services.

After the recess, on motion of Mr. Bennett, Professor Burrill was appointed horticulturist and botanist of the Experiment Station for one year from April 1, 1889, and Professor Morrow, agriculturist for the same term; and it was ordered that each should receive a salary of fifty dollars a month for services so rendered, and that, while in receipt of such compensation, his pay as a University professor should be at the rate of seventeen hundred dollars per annum.

Appointments of Station assistants for one year from April 1, 1889, were made as follows:

On motion of Mr. Bennett,
Thomas J. Hunt, assistant agriculturist, salary \$1,500 00

On motion of Mr. Haskell,
George W. McCluer, assistant horticulturist, salary... 1,200 00

On motion of Mr. Bennett,

Albert G. Manns, first assistant chemist, salary.....\$ 1,200 00

On motion of Mr. Haskell,

Harry S. Grindley, second assistant chemist, salary.. 720 00

On motion of Mr. Bennett, W. L. Pillsbury was appointed Experiment Station secretary for one year from April 1, 1889, at a salary of two thousand dollars.

The Board of Direction of the Agricultural Experiment Station was constituted as follows for the ensuing year:

E. E. Chester, Champaign, representative of the State Board of Agriculture.

Henry M. Dunlap, Savoy, representative of the Illinois State Horticultural Society.

H. B. Gurler, DeKalb, representative of the Illinois State Dairymen's Association.

Dr. S. H. Peabody and Professors Burrill and Morrow, from the Faculty of the University, and Messrs. Cobb, Bennett and Haskell from the Board of Trustees.

Messrs. Chester, Dunlap, and Gurler were nominated to be members of the Board of Direction by the Societies which they represent respectively.

On motion of Mr. McKay, Dr. Peabody was made President of the Board of Direction.

On motion of Mr. Bennett, the Executive Committee of the Board of Direction of this year, Messrs. Peabody, Cobb, and Chester, was continued for next year.

On motion of Mr. McKay, Mr. McLean was chosen President of the Board of Trustees to serve one year.

On motion of Mr. Haskell, Mr. John W. Bunn was re-elected Treasurer to serve two years. He was directed to execute and deliver to the Executive Committee a satisfactory bond.

The President of the Board was instructed to make an examination of the bonds and other securities held by the Treasurer as an officer of the Board, and to report thereon at the June meeting.

Messrs. Cobb and Bennett were chosen to be two members for the ensuing year of the Executive Committee of which the President of the Board is by law a member and the chairman.

Dr. Selim H. Peabody, was elected Regent of the University for two years, at a salary of four thousand dollars per annum.

W. L. Pillsbury was elected Corresponding Secretary and Recording Secretary of the Board of Trustees for one year.

The following resolution presented by Mr. Bennett was adopted:

Resolved, That the Treasurer of the Board of Trustees of the University of Illinois is hereby authorized to receive and receipt for all moneys and

to endorse all orders, drafts and checks due and payable to the said Board of Trustees or to the said University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to said Board of Trustees or to said University of Illinois on account of the Agricultural Experiment Station of the said University.

The bill of Geo. M. Brinkerhoff for \$674.10, premium on ten thousand dollars of six per cent. bonds sold the Treasurer for the endowment fund, was ordered paid from current funds on motion of Mr. Bullard. Paying this premium made the bonds equivalent to five per cent. bonds at par.

The following reports were received for record:

To the Board of Trustees of the University of Illinois.

We, your Auditing Committee, have examined the Business Agent's report and the vouchers accompanying the same on which University warrants have been drawn, Nos. 176 to 400 inclusive, and find them correct.

We have also examined the vouchers on which Experiment Station warrants, Nos. 91 to 95, and 242 to 326 inclusive, have been drawn and find them correct as reported.

F. M. MCKAY,	} Auditing Committee.
S. A. BULLARD,	
Alex. McLEAN,	

To the Board of Trustees of the University of Illinois.

The undersigned, your Finance Committee, would respectfully report that we have examined the report of J. W. Bunn, Treasurer of the University, and find that the receipts from all sources have amounted to the sum of \$35,378.81: and the disbursements to \$18,373.49, leaving a balance on hand of \$17,105.32. Details accompanying the report verify the above statement.

ALEX. McLEAN	} Finance Committee.
CHAS. BENNETT,	
EMORY COBB,	

Professor Morrow's request for leave of absence for the summer vacation was granted on motion of Mr. Bullard.

Mr. Bennett moved that for the ensuing year the standing committees of the Board be as follows: On Farms, on Buildings and Grounds, on Finance (to include Auditing), on Instruction, and on Publications, and the motion was adopted.

The President, Mr. McLean, announced the committees as follows:

Farms—Shawhan, Cobb, Haskell.

Buildings and Grounds—Bullard, Shawhan, Harker.

Finance—McKay, Millard, Bullard.

Instruction—Bennett, Cobb, Millard.

Publications—President, Regent, Corresponding Secretary.

On motion of Mr. Bullard, the bill of twenty-five dollars of the Association of American Agricultural Colleges and Experiment Stations against the University, was ordered paid from current funds; and a bill for the same amount against the Experiment Station was ordered paid from the Station funds.

The Board adjourned.

W. L. PILLSBURY,
Secretary.

EMORY COBB,
President, *pro tempore*.

MEETING OF JUNE 11, 1889.

The Board of Trustees of the University of Illinois met in the University parlor, in Urbana, at 3:30 o'clock p. m., June 11, 1889.

The members present were Messrs. Bennett, Bullard, Cobb, Harker, McKay, McLean, and Shawhan; absent Governor Fifer, Superintendent Edwards, President Haskell, and Messrs. Clemens and Millard. A letter received by the Secretary from Mr. Haskell stated that he was unable to attend this meeting of the Board.

The minutes of the last meeting were approved.

The Regent's report was then read.

REGENT'S REPORT.

To the Trustees of the University of Illinois.

GENTLEMEN: The season of the annual commencement is at hand. The graduating class numbers twenty-seven, with two candidates for the Master's Degree. Two persons only have been recommended to the Governor for commissions in the state militia, as the reward for faithful service in the battalion. The reasons for this are, first, that the junior military class of last year was very small, so that officers had to be drawn from the class below, of persons not yet ready to graduate; second, that of the class some had so far anticipated their work as to graduate last year. No person eligible to this distinction from the present class has been prevented from receiving it.

The lists for graduation are as follows:

LISTS FOR GRADUATION.

The Faculty respectfully recommends that degrees be conferred and certificates be awarded to the persons whose names are set forth in the following lists:

College of Agriculture. Degree of B. S.

Chas. A. Bopes.

College of Engineering. Degree of B. S.

School of Mechanical Engineering.

Robert B. McConney.

John V. E. Schaefer.

Philip Steele.

School of Civil Engineering.

Horace Dunaway.

School of Architecture.

Rolla W. Evans.

C. Almon Lewis.

College of Natural Science. Degree of B. S.

School of Natural History.

Albert Carver.

Lewis S. Daugherty.

Luther S. Ross.

College of Literature and Science.

School of English and Modern Languages. Degree of B. L.

Frederick M. Bennett.

David R. Kinder.

C. Wesley Briggs.

James R. Lewis.

Blanche A. Church.

Leannah J. Paine.

Amy Coffeen.

Oliver S. Moles.

Harry F. Kimball.

Nathan A. Weston.

Margaret Weston.

School of Ancient Languages. Degree of B. A.

Myrtle E. Sparks.

The following are recommended for the degree of Mechanical Engineer in the school of Mechanical Engineering.

Abia J. Sharp, Class of 1882.

F. E. Herdman, Class of 1884.

Certificates for course of thirty-six studies.

Cleaves Bennett.

David R. Kinhead.

Lilly O. Bronson.

Edward F. Ligare.

Herman L. Weis.

The following have been recommended to the Governor for commissions in the Illinois National Guard.

Albert Carver.

James L. Lewis.

THE STATE APPROPRIATIONS.

During the session of the General Assembly lately closed, the following list of appropriations has been passed, which, with the other items of income within the control of the Board, will furnish the means for carrying forward the work of the University for the next two college years.

The appropriations are:

Per annum—	
For taxes on lands in Nebraska and Minnesota.....	\$1,700 00
For repairs and improvements of buildings and grounds.....	2,500 00
For the machine shops.....	1,500 00
For apparatus and material.....	1,500 00
For books and publications.....	1,000 00
For collections of natural history.....	500 00
For current expenses of instruction.....	20,000 00
Not per annum—	
For new boiler in machine shop.....	1,250 00
For building new drill hall.....	10,000 00

NEW DRILL HALL.

The chief reason which prevailed upon the legislature to make appropriation for building a drill hall, was to give the mechanical departments a room for needed expansion in the old mechanical building. The details for the re-arrangement of that building need not now be presented, but the general plan should be as follows: The mechanical department should

take the upper floor, or so much as may be needed, beginning at the west end. At present I am not prepared to recommend any plan of dividing up the room by partitions.

On the first floor I would remove the partition between the pattern shop and the testing laboratory, and give the space of the pattern shop for the steam testing laboratory, and such other forms of mechanical laboratory work as may be developed. I would take out the boiler room, remove the brick partition on the west and north sides, and raise the floor to the level of the rest of the apartment to which it will be added. Into that department I would remove the blacksmith's shop, giving to it somewhat more room, as well as to the foundry. The foundry could take the chimney now used by the boiler.

The new boiler I would put into the present blacksmith's shop, which is admirably suited for the purpose. The iron chimney now used by the blacksmith's shop, will serve for the boiler. This will save the necessity for putting the new boiler into a small house to be built for it in the yard, as I supposed would have to be done before it was known that these changes could be made.

The changes suggested involve comparatively small expense. The largest item will be the hanging of a new main shaft in the upper story, and the moving of the tools and the over-head gear, most of which will be just as good there as where it now is. I would not make any of these changes during the present vacation, but would proceed in this order: I would first build the new drill hall and get it ready for use as soon as may be practicable. It may be some time in the fall before it is finished. When the military department has vacated the present drill hall, the work of preparing it for its new use may go forward. Meanwhile the year's work in blacksmithing will mostly have been finished in the present shop, and the new boiler may be set there, say in the latter part of the fall term or in the Christmas vacation, or even afterwards. We can utilize the work for the advanced classes, as a practical lesson in watching and aiding the fitting up of such a shop. It may take the better part of the year before these changes can be completed, and some, indeed, may have to wait over for want of funds.

THE SITE OF THE DRILL HALL.

After much reflection and examination of grounds, I am prepared to recommend that the new building be placed in the old campus, or parade ground, near the southeast corner. I would have the length of the building, lie east and west, fronting the south. The center of this front to be opposite the center of the main building, looking into the north end of the avenue which leads from that building through the park and the arboretum. I would put the front, say 20 or 25 feet from the south line of the campus—no more than would be needful to give room for an audience to move in case the hall should be emptied of people on an occasion of commencement and the like. Proper exits should be to the street at side and end and into the campus.

In this place, it will be easy to convey steam thither from the boilers in the present blacksmith's shop, if that should seem desirable. I have not found any other site which seems in all respects so desirable, or free from objections.

THE PLAN OF THE DRILL HALL.

I present sketches of fronts and ends by Professor Ricker. The hope has been to secure a large area, not less than 100x150 ft. from outside to outside. The walls to be of brick, 16 feet high, with large windows placed high. The roof to show a steep, or mansard side, with a deck of low slope covering the remaining area. The most important item is the roof, which should be so trussed as to need no interior support. A design has been made for a steel-trussed framework which, it is thought, at the present low prices of metal, may be had, giving strength, lightness and symmetry.

The plan involves partitioning off a narrow room along one side, with an armorer's room in the center, and places to put the rifles in rooms where they can be under lock and key. But these can be omitted at present. The effort now should be simply to get up the walls, cover with a substantial roof, and lay a good solid floor. Such details as we have been able to prepare will be laid before you.

OTHER IMPROVEMENTS.

I desire to call attention to the needs of the school of architecture. Professor Ricker now occupies for lecture and drawing rooms two apartments on the third floor in the northeast corner of the main building. The growth of the classes has been such as to fill these rooms too full for convenience, and for best results. There is now no department in the University which so imperatively needs relief.

I beg leave to present this solution of the difficulty, and ask your approval thereof:

The upper mansard of the east wing is one large room about 58 by 78 feet. It is now used by the classes in projection drawing, but so large a room is not necessary for that purpose; and if the room were filled, the class would be much too large for one teacher to instruct.

I would divide the room into three; first cut off from the south end about 30 feet for the use of the projection drawing; cut off a suitable passage on the west side leading to that room; then divide the remainder into two rooms which would each be about 25x52 feet in area. These rooms I would connect by large sliding doors, and give them to Professor Ricker for his classes. They would afford him nearly twice the floor space he now has; would make the work in them much more controllable, and give him great and needed relief.

To make the light satisfactory, it would be necessary to put in each room a sky-light. But this is no objection; the best eastern institutions have their drawing-rooms so constructed by preference. I have had the cost of this improvement carefully estimated, and find that it may be completed for the sum of \$430—which may be taken from the state appropriations for buildings and grounds.

THE CHEMICAL BUILDING

Should have a thorough renovating in the interior. Nothing has been done here in the way of painting and calcimining since the house was erected in 1878. The wood-work in first and second stories, and in halls of basement and mansard, should be well painted with two coats, and the walls and ceilings calcimined. For this purpose I ask an appropriation from state funds, buildings and grounds, of \$400.

THE NORTH CAMPUS.

The fence about this plat of land has been a subject of much question already. The nature of the problem has changed since the two adjacent cities have passed ordinances restricting the freedom of cattle. This tract is 1,260 feet long by 450 feet wide. It lies across and closes three streets. If all fencing is removed it will be very difficult, if not impossible, to prevent teams and carriages from crossing it, particularly as it lies in its present position between the two cities. I wish to propose as the cheapest and best solution that I can devise, other than the absolute removal of all fencing and the throwing the tract open to the public, that a low fence be made, thus: place a single line of, say 1½-inch iron pipe, at 18 inches from the ground, supported by 6x6 inch oak posts, cut four feet long, and projecting out of the ground, say 20 inches. I think that the whole will cost, say 220 rods at \$2 a rod, or \$440. This fence need not surround the drill hall, and the saving will be enough to pay for taking

up the present fence, 1,400 feet of which is nearly new and could be serviceable elsewhere. This also would come from the state fund for buildings and grounds.

The three items named already are—

For partitions in drawing-room.....	\$450 00
For renovating chemical building.....	400 00
For fence about north campus.....	440 00
	<hr/>
	\$1,270 00
From the same fund—	
For cleaning and minor repairs, vacation.....	300 00
	<hr/>
	\$1,570 00
This will leave for other purposes and contingencies during the year.....	950 00
	<hr/>
Total appropriation	\$2,500 00

STATE APPROPRIATIONS OF 1888-9.

The balance on account of buildings and grounds—\$203—is needed for care of lawn at main building, and should be so assigned.

The balance on account of books and publications is in the hands of the committee appointed for the purpose. Authority is asked to use \$100 for binding. Estimates for this purpose have been obtained and will be presented.

Authority is asked for expending the balance remaining on account of cabinets, \$178.58, for filling up the collection of the birds of Illinois.

Professor Forbes asks for means to buy five microscopes for the department of zoölogy, at cost of \$45 each, and a microtome at cost of \$40. I recommend that the balance, \$185.97, of appropriation for apparatus and material for the year now closing be used for this purpose, and that \$90 be appropriated from the similar fund of next year.

A balance remains from the fund for metallurgical laboratory of \$1,415.69. This has been reserved for building furnaces for metallurgical processes, in the hope that the legislature would appropriate funds to remove the heating boiler from the chemical building into the boiler house at the main building, and give the room where the boiler now stands for the furnaces. This hope is disappointed, and the committee having the matter in charge is not prepared to recommend any farther steps, before the next meeting of the board.

At the March meeting authority was given to purchase chemical material and apparatus for importation. Bids were obtained and the purchase awarded to Eimer and Amend, of New York city. The goods will arrive in August, and an appropriation of \$625 from state fund for apparatus and material is asked to be used in payment therefor.

THE FACULTY.

The state appropriation for the next year will permit some needed advances of salary, and it is hoped that some necessary additional force may be secured.

I had hoped that the time would be opportune for the appointment of a professor of physics, but the needs of the mining department do not indicate that that work should be taken out of present hands.

The most serious need is now for assistance in the school of architecture. The needs of that school have already been discussed, when speaking of the apartments occupied and needed. Professor Ricker has been industrious and uncomplaining. His school is one of the first in the land. He is overworked, and should have aid.

I recommend that an assistant in architecture be appointed, and that such other drawing as may be germane be added to fill up this work. This will allow longer time for instruction in mathematics, which the increasing number of engineers requires.

I recommend, also, that authority be given for the appointment of an assistant librarian. The growth of the library, and the large number of students that frequent the library as a reading room, make it desirable that such an assistant be appointed, for work in the library under the direction of the librarian, and to maintain proper order in this department. Most of the work, hitherto, done here by students, and that very inefficiently, should be discontinued.

Authority was given last year for the employment of an assistant in the machine shop, and such employment was made. When the term opened, it was found that the number of students in that shop was not so great as had been anticipated, and that it was possible to get along without this aid. By mutual agreement with the person engaged the contract was cancelled. Authority is again asked for the employment of such help, if it should be found necessary.

A list of the Faculty as engaged last year, with salaries, etc., is herewith furnished.

A communication from Professor Forbes is herewith presented.

It concerns particularly the construction of a new building, as authorized by the legislature, to be used in conducting entomological research. I have examined Professor Forbes's suggestions and concur in them, and recommend that leave be given to place the building in the rear of the plant house, and that authority be given for its construction, within the limits of the appropriation.

THE STATE LABORATORY OF NATURAL HISTORY.

To the Trustees of the University.

GENTLEMEN: The full report which I rendered to you for publication last October will make unnecessary any detailed account of our work at the present time, and I will limit this report to matters requiring attention and action.

The appropriations made to the State Laboratory of Natural History by the legislature at its recent session are the same in amount as those made two years ago, but differ in distribution,—a sum of \$1,000 appropriated to the building of a new entomological laboratory and breeding room having been taken from the allowance to the library, which was reduced one-half.

An advance of \$1,000 per annum asked on the allowance for the pay of assistants, was refused in committee. It will nevertheless be necessary to increase the salaries of some of my force, and some changes are impending which have prevented my making definite arrangements with all. The salary list, so far as I am now prepared to make recommendations, is as follows:

Jonn Marten, field entomologist.....	\$900 per annum
Charles A. Hart, office entomologist.....	600 per annum
Mary J. Snyder, amanuensis.....	600 per annum

For the remaining assistants, I shall have to ask authority to make provisional arrangements, to be reported to you hereafter; as it is not now possible to plan even the distribution of the work in full.

It is very important to us that the zoölogical work of the natural history survey should have greater and more continuous attention during the next two years than it has lately received; and more of the appropriation for assistance should consequently be turned in this direction, if suitable help can be found. The botanical work now most needed is closely related to our entomological and zoölogical operations, and whatever we find ourselves able to set aside for botany, I shall wish to apply in this direction.

I have not yet secured detailed estimates for the entomological laboratory, and have at present only to ask that a place be assigned for it within convenient reach of my office. It will be essentially a small conservatory—about forty by sixteen feet—the walls of wood and the roof of glass, with an office or work-room at the north end. A place near the University greenhouse would be satisfactory.

Respectfully submitted,

S. A. FORBES, Director of Laboratory.

I present the quarterly report of Professor Morrow on the condition of the farm:

FARM REPORT.

UNIVERSITY, CHAMPAIGN, ILL., May 29, 1889.

Dr. S. H. Peabody, Regent.

SIR: The receipts of the farms for the three months ending June 1st, have been \$669.89; the expenditures, \$670.76. The work is well advanced for the season, and it is believed the farms in general, the stock and the crops are in rather better than the usual condition.

F. D. Gardner, a student, has been engaged to work on the farm as foreman during my absence. He has been employed during two summers by us and has also worked for the Experiment Station.

Respectfully submitted,

G. E. MORROW, Professor of Agriculture.

I present also the recommendations of the Board of Direction of the Experiment Station, with estimates, and ask your approval.

AGRICULTURAL EXPERIMENT STATION.

The Board of Direction of the Agricultural Experiment Station asks authority of the Trustees of the University to undertake the following experiments and investigations:

1. An experiment to test the vitality of blue grass, red top, and timothy seeds.
2. An experiment to test the value of "second-cropping" by planting the experimental wheat plats, after the wheat has been harvested, part with corn and part with millet.
3. An experiment to determine the effect upon the corn of sowing rye in it at the last ordinary plowing, and at a later special seeding.
4. An experiment to determine the best method of eradicating the Canada thistle—the experiment to be tried at Mattoon.
5. An investigation of the "slobbers" in horses.
6. A limited series of digestion experiments with poultry.

The Board of Direction asks authority to use for such purposes as may best subserve the interests of the Station, any unexpended balances of the Station funds appropriated for this fiscal year; and it also asks that the Trustees appropriate and authorize it to expend during the first quarter of the fiscal year, beginning July 1, 1889, Station funds in amounts and for the purposes named below:

Buildings and repairs.....	\$25 00
Board xpense.....	40 00
Books and publications.....	50 00
Botanical apparatus.....	100 00
Buletins.....	350 00
Chemical apparatus.....	300 00
Fuel and lights.....	50 00
Printing, stationery and postage.....	25 00
Salaries.....	1,960 00
Tools.....	60 00
Wages and teams.....	950 00
Wheat and corn experiments [at Flora].....	25 00
Dairying experiment [at DeKalb].....	100 00
Biology of ensilage.....	10 00
Eradication of Canada thistles [at Mattoon].....	15 00
Total.....	\$4,060 00

Mr. F. G. Jaques, of Urbana, has asked my attention to the division fence between his land and the north line of the Griggs farm. Mr. Jaques has rebuilt one-half the fence, and asks the University to build the other half, 80 rods. I have conferred with Professor Morrow on the matter, and ask leave to make the repair, at a cost not to exceed \$30, to be charged against the income of the Griggs farm.

I have to report that 5,000 copies of the annual catalogue have been issued, making a pamphlet of 118 pages. Bids were obtained—and are presented herewith. The work was done by H. J. Dunlap, of Champaign.

I ask that authority be given to expend six hundred dollars for the summer advertising.

The Faculty directs me to ask that leave be given the Regent to inspect the Chicago Manual Training School and that, if it be found satisfactory, it be placed upon the accredited list.

All of which is respectfully submitted,

SELIM H. PEABODY, Regent.

On motion of Mr. Cobb, all matters in the Regent's report relating to the location, plans, and construction of the new drill hall, the entomological laboratory and breeding room, and the proposed changes in the mechanical building and in the main building, were referred to the Committee on Buildings and Grounds, to which was added, for the purposes of this motion, the President of the Board and the Regent. The committee was given power to proceed with the erection of the buildings named, but was instructed not to make expenditures or incur liabilities in excess of the appropriations made by the legislature for said buildings; viz., one thousand dollars for the entomological building, and ten thousand dollars for the drill hall. The committee was also empowered to make the changes suggested in the drawing room of the main building, expending therefor not to exceed \$430 from the state appropriations for buildings and grounds.

On motion of Mr. Bennett, the Board of Trustees authorized the conferring degrees and granting certificates as recommended by the Faculty of the University, and approved the recommendations for commissions. [For lists, see Regent's report.]

The committee on Nebraska lands reported as follows:

REPORT OF THE COMMITTEE ON THE SALE OF THE NEBRASKA LANDS.

The lands in the State of Nebraska, belonging to the University, having been sold, the committee which has had the matter in charge begs leave to make the following report as a full account of the transaction, and to preface the same with a brief statement of the steps taken by the Board leading to the appointment and instruction of this committee.

It was known that the lands of the University lying in Gage county, Nebraska, were rising in value because of the influx of immigration, but no direct overtures had been made by persons desirous of buying, until a meeting of the Executive Committee of the Board, held October 27, 1882. At that meeting Major Pearman, of Nebraska, appeared and made an informal bid of ten dollars an acre for all the University lands in Gage county. The Trustees thought the offer a good one, but did not deem it advisable to accept it without bringing forward the business in a more formal and public way.

Accordingly the Regent was directed to advertise for bids for the lands, the bids to be received on or before the 12th of December ensuing, which was the time of the next regular meeting of the Trustees. The advertisement was made, bids were presented, and they were opened at the time appointed in the presence of the Board and of the bidders. Ten bids were received, varying from \$4.14 to \$6.43 per acre. It was the opinion of the Trustees that none of the offers approximated the true value of the property, and, in accordance with a privilege reserved in the advertisement, all the bids were rejected.

In June, 1883, a committee consisting of Messrs. McLean, Bennett and Follansbee, and the Regent, was appointed to examine the lands and report. Careful examinations by personal inspection were made by Mr. Bennett and by the Regent, and at the December meeting they made a report. After full discussion, the following resolutions were adopted, and Mr. Bennett and the Regent were appointed a committee to carry the resolutions into effect:

Resolved, That a committee of two be appointed to appraise and fix minimum values on the lands in Gage county, Nebraska, belonging to the Illinois Industrial University, for the purpose of offering them for sale. That the lands so valued be offered in amounts not less than regularly subdivided quarter sections. That the buyer shall pay in cash, at the time of purchase, not less than one-fourth of the price of his purchase, and the balance in deferred payments at such times and in such amounts as the committee shall deem most advantageous to make sale of such lands. That such deferred payments shall draw interest at eight (8) per cent. per annum, payable annually, with penalties in interest on such interest payments after due of not less than eight per cent. per annum until paid; and that the purchaser shall pay all taxes which may be levied upon the lands so sold, after the day of sale.

Resolved, That when prices are fixed, as aforesaid, said committee shall adopt such measures for advertising said lands, and receiving bids thereon at or above the prices fixed, as shall seem best adapted to make speedy sales. That said committee may employ such aid as they may deem necessary to make such sales, incurring no unnecessary expense and paying no commissions on such sales to agents or other persons, unless with the approval of the Executive committee. That in the event of competition for any one or more quarter sections by bids at or in excess of the minimum price of any such lands, said committee shall submit such bids, together with the terms and securities offered, to the Executive Committee, which shall make the award.

Resolved, That the sales herein provided for shall be made either by contract, with covenants for quit-claim deeds to purchasers upon completion of all deferred payments with interest thereon, or such deferred payments may be secured by mortgage or trust deeds. But such committee

shall adopt, in making such sales, a method of security which shall furnish the safest and simplest security to the University, using such forms and instruments as shall be deemed best for perfecting such securities.

Resolved, That all of said lands shall be offered in bulk to any purchaser at a price not less than twelve dollars and fifty cents (\$12.50) per acre. And at any time after portions of said lands have been sold, the remaining lands not sold may be sold in bulk at the minimum price of twelve dollars and fifty cents. In case such sale in bulk is made, not less than one-fourth of the price shall be paid in cash, and the deferred payments shall be for such time and on such terms, interest to be paid at not less than eight per cent. per annum, as the Executive Committee shall determine, subject to the farther approval of the Board of Trustees.

Resolved, That when any lands belonging to the Illinois Industrial University, and situated in Gage county, Nebraska, shall be sold, the President of the Board of Trustees of said University shall be, and he is hereby authorized to execute a quit-claim deed for such land or lands in the name of said Board of Trustees; and the Secretary of said Board shall attest the same and shall affix the seal of the University thereto. Such deed and the execution thereof shall conform to the laws of the State of Nebraska, provided that the execution thereof shall not conflict with the laws of the State of Illinois and the resolutions of this Board as to the authority of this Board.

On appraisal, prices were fixed on each quarter section, varying from ten dollars to fifteen dollars per acre. After advertisement, sales began on the 4th day of March, 1884. Competition was made on a few pieces. After that date sales were made whenever any person should offer the prices and terms fixed by the resolutions of the Trustees.

The following statement gives the names of purchasers, descriptions of tracts, prices offered, moneys paid or yet due for principal or for interest, and the totals under the several heads. [See pp. 69 and 70.]

The committee adopted this method of sale: Each intending purchaser sends to the committee a proposition in writing stating the tract which he desires and the price and terms at which he is willing to buy. Ten per cent. of the purchase money is deposited and a certificate of deposit accompanies the application, this sum to be forfeited in case the application is accepted and the applicant fails to complete his purchase. Fifteen per cent. more is paid on completion of the purchase within 30 days from the acceptance of the proposition by the committee. The form of sale adopted is by contract, given by the University, for a deed to be made when the payments shall be completed according to the terms of the contract. On twelve contracts all payments have been made and deeds given. On all contracts payments have been made with remarkable punctuality, and on none has it been necessary to resort to any legal process to enforce payment or to vacate contracts.

All sales have been made in the office of the Regent. The committee found it convenient to have a correspondent at Beatrice, in Gage county, and were fortunate in securing the services of Mr. Charles E. Baker, of the firm of Burnham, Trevett and Mattis, of Beatrice and Champaign. Mr. Baker's services have been exceedingly useful, and have been rendered for a very slight compensation. The committee desires to express its high appreciation of the assistance received from this gentleman, and from the firm of which he is a member.

When the lands were inspected several persons were found to be trespassers, engaged in herding considerable numbers of cattle and sheep upon the property of the University. By the exercise of a little patience, settlements were made with all these persons, quietly and amicably, some money was collected for use already made, and some tracts were rented by the season for subsequent use. On a note taken for one of these rents \$39.29 remains due, which with \$928.25 collected, makes the revenue from this source \$960.54.

The expenses incurred by the committee in the sale of the lands are:

For inspection by the committee.	\$124 35	
For services of collector.....	623 54	
For printing and advertising.....	190 45	\$938 34
The acres of land sold are.....	9,340 09	
Total price.....		121,640 76
Paid in.....	\$62,577 24	
To be paid.....	59,063 52	
Interest paid.....		21,871 37
Interest to be paid.....		12,260 61
Total proceeds.....		\$155,772 74

All which is respectfully submitted.

CHARLES BENNETT,
S. H. PEABODY,
Committee.

Abstract of Sales of Lands.

No.	Name.	Tract.	Acres.	Price.	Paid.	Due.	Int. Paid.	Int. Due.	
1	Albert Hubka	NW 12, 3, 8...	160	\$2,408 00	\$1,258 00	\$1,150 00	\$490 57	\$96 00	
2	J. T. Applegate.....	NW 4, 2, 8...	146.60	2,242 98	2,242 98		369 11		Deed given
3	J. T. Applegate, assignee J. H. Cummings.....	NE 30, 3, 8...	160	2,448 00	2,448 00		413 99		Deed given
4	J. T. Applegate, assignee Ab'm Ault.....	SW 30, 3, 8...	153.65	2,350 85	2,350 85		397 22		Deed given
5	S. D. Miller and Daniel Bashor	NW 31, 3, 8...	153.33	2,300 00	1,150 00	1,150 00	586 50	184 00	
6	T. A. Woodward, assignee Jas. G. Ladd	SW 12, 3, 8...	160	2,000 00	1,500 00	500 00	380 03	60 00	
7	August Zahlten.....	SW 24, 3, 8...	160	2,000 00	2,000 00		309 00		Deed given
8	Chas. E. Baker.....	SW 15, 3, 8...	160	2,240 00	2,240 00		79 74		Deed given
9	C. M. Dawson.....	SW 35, 3, 7...	160	2,400 00	1,900 00	500 00	574 00	40 00	
10	J. W. Herbert.....	SE 35, 3, 7...	160	2,400 00	900 00	1,500 00	638 00	360 00	
11	D. Richardson.....	NW 24, 3, 8...	160	2,000 00	500 00	1,500 00	530 00	240 00	
12	H. C. Kludas.....	SE 24, 3, 8...	160	2,000 00	500 00	1,500 00	414 42	360 00	
13	H. T. Willis and A. W. Mills	NW 27, 3, 8...	160	2,000 00	500 00	1,500 00	525 20	220 00	
14	W. T. Maxwell, assignee P. A. Moore	SW 31, 3, 8...	153.11	2,296 65	1,096 65	1,200 00	733 00	288 00	
15	W. L. Collins.....	NE 31, 3, 8...	160	2,000 00	500 00	1,500 00	581 33	240 00	
16	R. L. Gumaer.....	NW 11, 2, 8...	160	1,600 00	1,600 00		270 66		Deed given
17	R. L. Gumaer.....	NW 10, 2, 8...	160	2,000 00	1,700 00	300 00	379 33	24 00	
18	S. G. Bryant, assignee H. Null.....	SE 2, 2, 8...	160	1,600 00	400 00	1,200 00	434 86		
19	Lawrence Larsen.....	NW 35, 5, 8...	160	2,400 00	900 00	1,500 00	618 00	360 00	
20	Ch. Andersen.....	SW 35, 5, 8...	160	2,400 00	900 00	1,500 00	618 00	360 00	
21	Dennis Magner.....	SE 6, 2, 8...	160	2,000 00	1,100 00	900 00	442 32	72 00	
22	H. H. Snyder and J. T. Martin.....	SW 26, 3, 8...	160	2,000 00	1,600 00	400 00	428 33	32 00	
23	James Lowe.....	NW 13, 3, 8...	160	2,000 00	500 00	1,500 00	271 26	297 60	
24	John Higgins.....	SW 5, 2, 8...	160	2,240 00	1,040 00	1,200 00	580 08	192 00	
25	John Higgins.....	SE 5, 2, 8...	160	2,240 00	1,040 00	1,200 00	580 08	192 00	
26	M. R. O'Brien.....	NE 6, 2, 8...	151.67	1,895 88	845 88	1,050 00	450 53	112 00	
27	A. L. Wright.....	SE 14, 3, 8...	160	2,000 00	2,000 00		504 43		Deed given
28	A. L. Wright.....	SW 14, 3, 8...	160	2,000 00	500 00	1,500 00	505 58		
29	S. G. Bryant.....	NE 11, 2, 8...	160	1,600 00	1,600 00		258 66		Deed given
30	J. A. Huston.....	NE 24, 3, 8...	160	2,000 00	1,000 00	1,000 00	456 53	160 00	
31	J. H. Hanson.....	NE 35, 5, 8...	160	2,000 00	700 00	1,300 00	467 85	384 00	
32	P. C. O'Brien.....	NE 5, 2, 8...	147	2,058 00	514 50	1,543 50	403 87	308 05	
33	Christian Hesse.....	SE 30, 3, 8...	160	2,240 00	980 00	1,260 00	494 60	103 40	
34	Jos. Swoboda and H. J. Swoboda	SE 35, 5, 8...	160	2,000 00	1,000 00	1,000 00	436 00	240 00	
35	John Losey and Wm. Losey	NE 34, 3, 8...	160	2,000 00	800 00	1,200 00	274 00	240 00	
36	E. Fothergill and C. O. Fothergill	SW 27, 3, 8...	160	2,000 00	500 00	1,500 00	445 00	300 00	
37	W. M. Gibler.....	NE 10, 2, 8...	160	2,000 00	500 00	1,500 00	343 00	600 00	
38	D. H. Gilmore, assignee N. R. Simpson	NW 26, 3, 8...	160	2,000 00	500 00	1,500 00	428 00	384 00	
39	J. E. Blickenstaff.....	SE 31, 3, 8...	160	2,000 00	500 00	1,500 00	406 45	40 00	
40	Joseph Dezort.....	NW 34, 3, 8...	160	2,000 00	500 00	1,500 00	400 64	384 00	
41	J. S. Reynolds and A. L. French	SW 36, 2, 8...	160	2,000 00	500 00	1,500 00	395 00	492 00	
42	W. S. Morton and F. L. Marrs	SE 3, 2, 8...	160	2,000 00	500 00	1,500 00	395 00	480 00	
43	Samuel Cox.....	W 1/2 SE 15, 3, 8...	80	1,120 00	280 00	840 00	220 64	96 00	
44	C. E. Baker.....	W 1/2 SE 15, 3, 8...	80	1,120 00	280 00	840 00	220 64	250 40	
45	J. Blevins and R. J. Miller	NW 5, 2, 8...	148.20	2,074 80	518 70	1,556 10	376 25	497 92	

Abstracts of Sales of Lands—Continued.

No.	Name.	Tract.	Acres.	Price.	Paid.	Due.	Int. Paid.	Int. Due.	
46	J. M. Thomas.....	SW 2, 2, 8.....	160	\$1,600 00	\$400 00	\$1,200 00	\$72 80	\$612 00	Deed given ..
47	Marej Hubka.....	SE 12, 3, 8.....	160	2,240 00	560 00	1,680 00	356 13	423 61	Deed given ..
48	J. K. Cullen.....	SE 34, 3, 8.....	160	2,240 00	2,240 00		277 70		Deed given ..
49	Vensl Hnizda.....	SW 34, 3, 8.....	160	2,240 00	2,240 00		129 92		Deed given ..
50	B. T. Hnizda.....	NE 26, 3, 8.....	160	2,000 00	1,000 00	1,000 00	304 00	40 00	
51	James Skubal and J. W. Hnizda ..	NE 13, 3, 8.....	160	2,000 00	850	1,150 00	312 20	120 00	
52	J. W. Hnizda.....	NE 13, 3, 8.....	160	2,000 00	1,400 00	600 00	232 00	72 00	
53	E. R. Fogg.....	SW 13, 3, 8.....	160	2,000 00	1,000 00	1,000 00	261 00	40 00	
54	B. F. Leiby.....	NW 6, 2, 8.....	151.84	2,125 76	531 44	1,594 32	248 45	384 00	Deed given ..
55	L. L. Rayle.....	NE 27, 3, 8.....	160	2,000 00	1,600 00		87 47		Deed given ..
56	L. L. Rayle.....	SE 27, 3, 8.....	160	2,000 00	2,000 00		109 33		Deed given ..
57	Reissue of contract No. 20.....	NE 3, 2, 8.....	149.29	1,866 10	466 50	1,399 60	32 65	663 94	
58	E. Muhlhaussen.....	N ¹ / ₂ SE 26, 3, 8.....	80	1,000 00	400 00	600 00	4 00	144 00	
59	Frank Havlina.....	N ¹ / ₂ SE 26, 3, 8.....	80	1,000 00	400 00	600 00	4 00	144 00	
60	James Ha lina.....	NW 3, 2, 8.....	147.91	1,848 88	548 88	1,300 00		706 16	
61	A. Marquandt.....	NW 3, 2, 8.....	157.49	2,204 86	554 86	1,650 00		885 47	
62	R. H. Muhlhauser and W. Muhlhauser.....	SW 6, 2, 8.....							
	Total.....		9,340.09	\$121,640 76	\$62,577 21	\$59,063 52	\$21,871 37	\$12,260 61	

And on motion of Mr. Cobb, the report was approved for record.

Four hundred dollars was appropriated from the state appropriation for buildings and grounds for painting, etc., in the chemical building.

On motion of Mr. Cobb, the Committee on Buildings and Grounds with its two additional members, as above, was instructed to have a fence built around the north campus, the fence to have 6x6 in. posts 8 ft. apart and a single rail of 1½ in. gas pipe, 18 in. high. The cost of the fence, painted, was limited to \$500.00, to be paid from the state appropriation for buildings and grounds.

From the same fund the sum of \$400.00 was appropriated, on motion of Mr. Cobb, for cleaning and minor repairs.

The balance, \$203.00, of the state appropriation for the current year for buildings and grounds was assigned for the care of the lawn.

On motion of Mr. Cobb, \$100.00 of the balance of the state appropriation for the current year for books and publications was assigned to pay for binding.

The balance of the state appropriation for cabinets for the current year, \$178.58, was appropriated for the purchase of additions to the collection of birds of Illinois.

It was ordered that the cost of the carpet bought for the University parlor be charged to current funds.

The balance of the state appropriation for apparatus and material for the current year, \$185.97, and in addition \$90.00 from the state appropriation for apparatus and material for next year were assigned for the purchase of five microscopes and a microtome for the zoölogical laboratory.

From the same fund \$625 was appropriated, on motion of Mr. Bullard, for the purchase of chemical apparatus.

The Farm Committee and the Regent were authorized to repair the division fence between the Griggs farm and land owned by Mr. F. G. Jaques at an expense of not more than \$30.00, to be taken from the income of the Griggs farm.

The Regent was given power to spend a sum not exceeding \$600.00 from current funds, for advertising the University.

On motion of Mr. Harker, the Regent's bill of \$64.84, traveling expenses, was ordered paid from current funds.

On motion of Mr. Cobb, the following appropriations were made for the State Laboratory of Natural History for next quarter, to be paid from its funds:

For the field work, and the office and incidental expenses.....	\$250 00
For the improvement of the library	125 00
For salaries and assistance.....	750 00
For the publication of bulletins.....	75 00
For the illustration of the biennial report of the State Entomologist.....	250 00
For building an entomological laboratory and breeding room.....	1,000 00
	<hr/> \$2,450 00

The requests of Professor Forbes, as made in his report above, with reference to the salaries of the employes of the Laboratory of Natural History were granted, on motion of Mr. Bennett; and, by the same motion, he was given authority, as asked, to make further provisional arrangements for assistance in the Laboratory until the next meeting of the Trustees.

The Farm Committee returned the report of Professor Morrow, and the order was made that it be recorded.

On motion of Mr. McKay, the requests of the Board of Direction of the Experiment Station were granted, and Station funds were appropriated as asked.

A communication from Professor Burrill with regard to needed repairs upon the greenhouse was referred to the Committee on Buildings and Grounds, with instructions that the same be investigated and a report thereon made at the next meeting of the Board.

Consent was given that, in accordance with the request of the Faculty, the Regent visit and inspect the Chicago Manual Training School, and, if he find it of satisfactory grade, put it on the list of accredited high schools.

On motion of Mr. Cobb, it was ordered that Mr. Stratton's bill of \$25.00 for work done in making photographs for the Paris Exposition be paid from current funds.

The Experiment Station vouchers were presented by the Regent and referred to the Finance Committee.

The Board then adjourned to meet at the Doane House, in Champaign, at 9 o'clock p. m.

EVENTING SESSION.

The Board met pursuant to adjournment, the same members being present as in the afternoon.

The President made the following report on bonds held by the Treasurer as part of the endowment fund:

REPORT OF ENDOWMENT FUND.

CHAMPAIGN, June 11, 1889.

To the Board of Trustees of the University of Illinois.

The undersigned having been instructed by your body at the meeting held March 12, 1889, to make an examination of the bonds and other securities held by the Treasurer of this Board as endowment funds of the University of Illinois, would report that he visited the city of Springfield, and that John W. Bunn, the Treasurer of this Board, handed him bonds of various counties and school districts, amounting to the sum of three hundred and eighteen thousand four hundred dollars (\$318,400.00), the same

being payable to the University of Illinois, and representing endowment funds of said University.

Respectfully submitted,

ALEXANDER MCLEAN, President.

The report was approved for record.

The Treasurer made the following report which was referred to the Finance Committee:

TREASURER'S REPORT.

JOHN W. BUNN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS, DR.

1889.					
Mar.	12	To balance.....			\$17,105 32
	12	interest on land contract No. 47, M. Hubka.....			37 75
	30	amount received on acc't University students' fees	\$1,087 50		
	30	preparatory year.....	255 00		
	30	buildings and grounds..	25 00		
	30	rent Griggs farm.....	58 33		
					1,425 83
April	1	To amount received on acc't Agri'l Experiment Station			333 33
May	1	interest on Sangamon county school bonds.....			260 00
	10	land contract No. 1, A. Hubka.....	\$98 00		
	10	21, D. Magner.....	7 00		
	10	26, H. A. Greenwood, assignee.....	9 33		
	10	33, C. Hesse.....	8 05		
					122 38
May	10	To Agri'l Experiment Station for fuel and lights.....			40 00
	11	amount rec'd for rent of Nebraska lands.....			114 44
	31	gas from Minnesota lands.....	\$10 00		
	31	interest on J. F. Leib's note.....	718 33		
	31	University students' fees.....	1,498 75		
	31	preparatory year.....	350 00		
	31	music fees.....	139 50		
	31	mechanical department.....	173 79		
	31	architectural department.....	405 33		
	31	agricultural department.....	666 86		
	31	horticultural department.....	131 30		
	31	laboratories.....	271 55		
	31	fuel and lights.....	49 92		
					4,415 33
		<i>Cr.</i>			\$23,854 38
May	31	By amount paid on account Board expense.....	\$79 91		
	31	salaries.....	10,580 77		
	31	buildings and grounds..	36 25		
	31	fuel and lights.....	258 90		
	31	stationery and printing..	453 97		
	31	preparatory year.....	539 99		
	31	mechanical department..	219 98		
	31	architectural department	804 50		
	31	agricultural department..	689 65		
	31	horticultural department	29 39		
	31	military department.....	27 25		
	31	laboratories.....	300 44		
	31	library and apparatus...	10 00		
	31	incidental expense.....	41 09		
					\$14,072 09
May	31	By amount paid on account water supply.....	\$200 00		
	31	furniture and fixtures...	79 26		
	31	premium on bonds.....	674 10		
	31	Experiment Station.....	25 00		
	31	music fees.....	139 50		
					1,117 86
		State Appropriations—			
May	31	By amount paid on account buildings and grounds...	\$274 84		
	31	mechanical and arch. shops	375 00		
	31	books and publications...	552 34		
	31	cabinet.....	176 82		
	31	apparatus and material..	228 69		
	31	metallurgical laboratory..	14 50		
	31	State Laboratory of Nat. Hist.	1,025 32		
					2,647 51
May	31	To balance.....			6,016 92
					\$23,854 38

Urbana, June 11, 1889.

JOHN W. BUNN, Treasurer.

The Business Agent, Professor S. W. Shattuck, made his report as follows, which was referred to the Finance Committee:

June 11, 1889.

Alexander McLean, President Board of Trustees, University of Illinois.

SIR: I have the honor to hand you herewith the financial statements due from me at this time.

Paper A shows the financial condition of the appropriations from current funds made March 12, 1889.

Paper B is a showing of the state appropriations, June 1st.

Paper C is a list of vouchers presented for audit, being 401-625 inclusive.

Paper D is an estimate of receipts and expenses for the three months ending September 1, 1889.

Paper E is an estimate of receipts and expenses for the twelve months ending September 1, 1890.

Respectfully submitted,

S. W. SHATTUCK, Business Agent.

Papers A and B presented with the Business Agent's report are as follows:

PAPER A—CURRENT APPROPRIATIONS.

Of March 12, 1889.	Appropri'd	Receipts also appropri'd	Expended	Balance.
Board expense.....	\$300 00		\$79 91	\$220 09
Salaries for instruction.....	19,835 66	\$333 33	\$9,669 78	10,499 21
" " services.....	1,400 00		910 99	489 01
Buildings and grounds.....	50 00	25 00	36 25	38 75
Fuel and lights.....	1,000 00	89 92	258 90	831 02
Stationery and printing.....	700 00		453 97	246 03
Mechanical department.....	200 00	173 79	219 98	153 81
Architectural ".....	200 00	405 33	804 50	
Agricultural ".....	200 00	666 86	689 65	177 21
Horticultural ".....	200 00	131 30	29 39	301 91
Military ".....	50 00		27 25	22 75
Laboratories.....	200 00	271 55	300 44	171 11
Library and apparatus.....	50 00		10 00	40 00
Incidentals.....	200 00		41 09	159 91
<i>Sundries—</i>				
Furniture and fixtures.....	122 85		79 26	43 59
Water supply.....	200 00		200 00	
Commencement expenses.....	200 00			200 00
Premium on bonds.....	674 10		674 10	
Preparatory year.....		605 00	539 99	65 01
University students' fees.....		2,586 25		2,586 25
Music fees.....		139 50	139 50	
Griggs farm.....		58 33		58 33
Association Agricultural College and Expt Sta.	25 00		25 00	
Minnesota lands.....		10 00		10 00

PAPER B—STATE APPROPRIATIONS.

	Appropri'd	Received.	Expended	Balance.
Taxes on lands.....($\frac{1}{2}$ per annum)	\$3,500 00	\$3,128 85	\$3,128 85	.....
Buildings and grounds.....	4,000 00	4,000 00	3,797 00	\$203 00
Mechanical & architectural shops ..	3,000 00	3,000 00	2,985 00	15 00
Books and publications.....	3,000 00	3,000 00	2,682 41	317 59
Cabinets.....	2,000 00	2,000 00	1,821 42	178 58
Expenses of instruction.....	32,000 00	32,000 00	32,000 00	.....
Apparatus and material.....	3,000 00	3,000 00	2,816 18	183 82
Metallurgical laboratory.....	4,000 00	4,000 00	2,584 31	1,415 69
	\$54,500 00	\$54,128 85	\$51,815 17	\$2,313 68
Illinois State Laboratory of Natural History	16,325 00	14,690 71	11,067 09	3,623 62

Communications were received from Professor J. C. Pickard and Mr. E. A. Kimball, stating that they were not candidates for reappointment.

The Regent and Messrs. Bennett and Bullard were appointed a committee to prepare and report resolutions concerning Professor Pickard's withdrawal; and Mr. Kimball's withdrawal was referred to the same committee.

On motion of Mr. Cobb, the Board adopted the following list of appointments and salaries for the ensuing year, beginning September 1, 1889:

LIST OF APPOINTMENTS AND SALARIES.

Names.	Position.	Salary.
Thomas J. Burrill.....	Professor of Botany and Horticulture.....	\$2,300
Samuel W. Shattuck.....	Professor of Mathematics and Business Agent.....	2,300
Edward Snyder.....	Professor of Modern Languages.....	2,000
Rev. Nathaniel Butler, Jr.....	Professor of English Literature.....	2,000
N. Clifford Ricker.....	Professor of Architecture.....	2,000
James D. Crawford.....	Professor of History and Ancient Languages.....	2,000
George E. Morrow.....	Professor of Agriculture.....	2,300
Peter Roos.....	Professor of Industrial Art and Designing.....	1,800
Ira O. Baker.....	Professor of Civil Engineering.....	2,000
Albert G. Manns.....	Assistant Professor of Chemistry.....	1,600
Stephen A. Forbes.....	Professor of Entomology and Zoology.....	1,000
Theodore B. Comstock.....	Professor of Mining Engineering.....	1,800
James H. Brownlee.....	Professor of Rhetoric and Oratory.....	2,000
Charles W. Rolfe.....	Professor of Geology.....	1,800
Donald McIntosh.....	Professor of Veterinary Science.....	1,800
Arthur T. Woods.....	Professor of Latin.....	1,500
Arthur N. Talbot.....	Professor of Mechanical Engineering.....	2,000
	Assistant Professor of Engineering and Mathematics.....	1,600
	Assistant Professor of Zoology.....	1,000
	Instructor in Iron-work and Foreman.....	1,500
George W. Parker.....	Instructor in Wood-work and Foreman.....	1,200
George W. Myers.....	Instructor in Mathematics.....	750
Fanny M. Ryan.....	Instructor in Modern Languages.....	800
Bedros Tatarian.....	First Assistant in Chemical Laboratory.....	900
	Second Assistant in Chemical Laboratory.....	600
S. W. Stratton.....	Assistant in Architecture.....	1,200
	Assistant Librarian.....	500
	Assistant in Machine Shop.....	800
Essie Dana.....	Assistant in Drawing.....	250
A. B. Baker.....	Janitor.....	840

The Regent was authorized to fill the vacancies in the list, on consultation with the Committee on Instruction, subject to the approval of the Board. For this purpose Mr. Shawhan was made a member of the committee.

Mr. Kimball's request for leave of absence until September 1st was granted.

Mr. Harker, for the Committee on Buildings and Grounds, reported that the committee had considered the question of the site of the new drill hall, and recommended the site named in the Regent's report. The recommendation was adopted.

The Board then adjourned, to meet at the University parlor at 9 o'clock a. m. the next day.

SESSION WEDNESDAY MORNING.

The Board met pursuant to adjournment. The members present Tuesday, except Judge Harker, were present. Mr. S. M. Millard was also present.

The Auditing Committee presented these reports:

CHAMPAIGN, ILL., June 12, 1889.

To the Board of Trustees, University of Illinois.

Your committee would respectfully report that it has examined and compared the books of the Treasurer with the warrants drawn upon him for the past two years, beginning March 1, 1887, with No. 489 to 950, to September 1, 1887, No. 1 to 925 up to September 1, 1888, and No. 1, to 425 up to March 1, 1889, and found all to be in order and correct.

The warrants have been cancelled and left in the hands of the Treasurer.

F. M. MCKAY, }
G. R. SHAWHAN, } Auditing Committee.

CHAMPAIGN, ILL., June 12, 1889.

To the Board of Trustees of University of Illinois.

Your committee would respectfully report that it has examined and compared the books of the treasurer with the warrants drawn upon him for the past two years from the funds belonging to the Agricultural Experiment Station, No. 1 to 153, up to June 30, 1888, amounting to \$15,000, and No. 154 to 283 inclusive, to December 31, 1888, amounting to \$6,834.63, and found all to be in order and correct.

The warrants have been cancelled and left in the hands of the Treasurer.

F. M. MCKAY, }
G. R. SHAWHAN, } Auditing Committee.

The reports were separately approved on motion of Mr. Millard.

The Finance Committee presented the following report, which was on motion approved:

To the Board of Trustees of the University of Illinois.

Your Committee on Finance reports that it has examined the Business Agent's report, and the vouchers accompanying the same on which University warrants have been drawn, Nos. 401-625, and finds them correct as reported.

We have also examined the vouchers on which Experiment Station warrants, Nos. 327-409, have been drawn, and find them correct as reported.

F. M. MCKAY, }
S. A. BULLARD, } Committee.

The following report was submitted by Mr. Bullard, chairman of the Committee on Buildings and Grounds, upon the petition of the young ladies of the University in regard to a room for calisthenic exercises and an instructor:

CALISTHENICS.

To the Board of Trustees of the University of Illinois.

GENTLEMEN: Your Committee on Buildings and Grounds desires to report on the communication which was referred from the lady students of the University asking for apartments and an instructor in calisthenics.

Your Committee, not being conversant with the uses of all the rooms of the buildings and not knowing whether the room desired by the ladies could be spared without an undue crowding of the work of other and regular departments, nor whether the physical training asked for was needed for the highest education of the young ladies, asked the assistance of the Faculty in determining these questions. The report of the Faculty is appended and made a part of this report.

While we are desirous in every way to advance the interests of all our students, yet we feel so limited in means and buildings at the present time that we deem it advisable not to undertake to establish the line of study and exercise asked for until we can do so in a thorough way.

S. A. BULLARD, } Committee.
G. R. SHAWHAN, }

To the Trustees of the University of Illinois.

GENTLEMEN: The Faculty has considered the questions referred to it by a committee of Trustees, of which Mr. S. A. Bullard is chairman, and presents the following in reply to those questions:

1. If the University were in possession of ample endowment sufficient for all purposes which might seem desirable, without doubt the establishment of a department of "physical culture" fully equipped with apartments and apparatus, and under the direction of expert medical authority, would be one of those desirable purposes. But it can hardly be said that such equipment, or the training which it would provide for, is "necessary" to the highest culture.

2. There is no apartment in either the main or chemical building that is suitable for such purpose, or can be spared from other engagements.

3. There is at present no person on the force of instruction who could undertake the charge of this work.

It may be said, farther, that the University has passed through an experience of this kind. When a new thing, a class in calisthenic instruction was popular, it soon became wearisome, even under a teacher admitted to be well skilled for the work. After her resignation, the class was continued until the larger part of the young ladies had been relieved by positive requests from mothers or physicians, and then the subject was dropped.

In conclusion it is proper to add that the general health of the young ladies in attendance at the University is excellent. The exceptions are rare, and these are mostly of young women who live at home in Champaign or Urbana, and who are unwisely encouraged or allowed by their parents to undertake the exhaustive duties of society while prosecuting their studies at the University.

Were the young ladies, or any of them, restricted within the limits often imposed in boarding schools, the needs of the case would be quite different.

Respectfully submitted, by order of the Faculty,

J. D. CRAWFORD, Secretary.

The report was adopted, and the Secretary was instructed to inform the petitioners of the action of the Board.

From the special committee on resolutions, Mr. Bennett reported the following, which on motion was adopted:

WHEREAS, Professor Joseph C. Pickard has signified his purpose to decline re-appointment to the chair of English Language and Literature; therefore, be it

Resolved, That at the sundering of the ties which for so many years have bound Professor Pickard to this University, this Board desires to place on record its full appreciation of the services he has always conscientiously rendered, of his high personal endowments as a man and a scholar, and of the affection and interest which he has inspired in those who have been under his instruction; together with the cordial desire that during the years which may yet be allotted to him, he may enjoy such opportunities of labor and usefulness as shall be fitted for the exercise of his erudition, culture and ability.

Also, Mr. Bullard reported the following, which was adopted:

Resolved, That while the Trustees accede to the request of Mr. Edwin A. Kimball to be relieved from the duties of Instructor in Iron-work and Foreman of the Machine Shop, they wish to acknowledge the long and efficient service which Mr. Kimball has given, and the industry and mechanical skill which he has exhibited. They cordially recommend him as a workman well qualified to oversee those engaged in mechanical vocations.

The Executive Committee reported that it had received and approved the treasurer's bond, which is for \$300,000.

The Board then adjourned.

W. L. PILLSBURY,
Secretary.

ALEXANDER McLEAN,
President.

List of Warrants for Year Ending August 31, 1889.

No	Date.	To Whom.	For What.	Amount.
1888.				
1	Sept. 11	Alexander McLean	Board expense	\$38 08
2	" 11	B. Pullen	"	17 75
3	" 11	G. R. Shawhan	"	11 41
4	" 11	Geo. C. Eisenmayer	"	46 00
5	" 11	Chas. Bennett	"	37 91
6	" 11	S. M. Millard	"	27 56
7	" 29	S. H. Peabody	Salary, September, 1888	333 33
8	" 29	T. J. Burrill	"	166 66
9	" 29	S. W. Shattuck	"	166 66
10	" 29	E. Snyder	"	166 66
11	" 29	J. C. Pickard	"	166 66
12	" 29	N. C. Ricker	"	166 66
13	" 29	J. D. Crawford	"	166 66
14	" 29	G. E. Morrow	"	166 66
15	" 29	P. Roos	"	150 00
16	" 29	I. O. Baker	"	166 66
17	" 29	S. A. Forbes	"	83 83
18	" 29	T. B. Comstock	"	150 00
19	" 29	J. H. Brownlee	"	150 00
20	" 29	C. W. Rolfe	"	125 00
21	" 29	D. McIntosh	"	150 00
22	" 29	N. Butler, Jr.	"	133 33
23	" 29	A. N. Talbot	"	116 66
24	" 29	A. T. Woods	"	166 66
25	" 29	J. C. Jackson	"	166 66
26	" 29	W. H. Garman	"	100 00
27	" 29	E. A. Kimball	"	125 00
28	" 29	G. W. Parker	"	90 00
29	" 29	G. W. Myers	"	50 00
30	" 29	B. Tatarian	"	80 00
31	" 29	E. Dana	"	25 00
32	" 29	G. B. McHugh	"	50 00
33	" 29	A. B. Bak r	"	70 00
34	" 29	J. Marten	"	66 66
35	" 29	C. A. Hart	"	50 00
36	" 29	Am. Steam Gauge Co.	Indicator and springs	63 75
37	" 29	G. P. Clinton	Work in botanical laboratory	15 75
38	" 29	State Laboratory Nat. Hist.	Expenses, three months	575 00
39	" 29	Thomas Wright & Son	Grate bars	85 31
40	" 29	Union Water Supply Co.	Water, three months	100 00
41	" 29	R. S. Wilber	Drayage	16 00
42	" 29	Ill. State S. S. Association	Thirtieth Annual Report	3 00
43	" 29	Geo. E. Marshall & Co	Record book	5 00
44	" 29	Brady & Co	Advertising	10 00
45	" 29	W. L. Pillsbury	Expense to Board meeting	8 13
46	" 29	Crosby Steam Gauge and Valve Co.	Indicator	40 00
47	" 29	Abendroth & Root Mfg Co.	Boiler heads and tubes	143 00
48	" 29	Crane Bros. Mfg Co.	Radiators	92 52
49	" 29	Fuller & Fuller Co.	Glass	33 04
50	" 29	Besore & Bro.	Lumber	347 72
51	Oct. 31	S. H. Peabody	Salary, October, 1888	333 33
52	" 31	T. J. Burrill	"	166 66
53	" 31	S. W. Shattuck	"	166 66
54	" 31	E. Snyder	"	166 66
55	" 31	J. C. Pickard	"	166 66
56	" 31	N. C. Ricker	"	166 66
57	" 31	J. D. Crawford	"	166 66
58	" 31	G. E. Morrow	"	166 66
59	" 31	P. Roos	"	150 00
60	" 31	I. O. Bak r	"	166 66
61	" 31	S. A. Forbes	"	83 83
62	" 31	T. B. Comstock	"	150 00

List of Warrants—Continued.

No.	Date.	To Whom.	For What.	Amount.
	1888.			
63	Oct. 31.....	J. H. Brownlee.....	Salary, October, 1888.....	\$150 00
64	" 31.....	C. W. Rolfe.....	" " " " " " " " " " " "	125 00
65	" 31.....	D. McIntosh.....	" " " " " " " " " " " "	150 00
66	" 31.....	N. Butler, Jr.....	" " " " " " " " " " " "	133 33
67	" 31.....	A. N. Talbot.....	" " " " " " " " " " " "	116 66
68	" 31.....	A. T. Woods.....	" " " " " " " " " " " "	166 66
69	" 31.....	J. C. Jackson.....	" " " " " " " " " " " "	166 66
70	" 31.....	W. H. Garman.....	" " " " " " " " " " " "	100 00
71	" 31.....	E. A. Kimball.....	" " " " " " " " " " " "	125 00
72	" 31.....	G. W. Parker.....	" " " " " " " " " " " "	90 00
73	" 31.....	G. W. Myers.....	" " " " " " " " " " " "	50 00
74	" 31.....	B. Tatarian.....	" " " " " " " " " " " "	80 00
75	" 31.....	Essie Dana.....	" " " " " " " " " " " "	25 00
76	" 31.....	G. B. McHugh.....	" " " " " " " " " " " "	50 00
77	" 31.....	A. B. Baker.....	" " " " " " " " " " " "	70 00
78	" 31.....	F. M. Ryan.....	" " " " " " " " " " " "	80 00
79	" 31.....	John Marten.....	" " " " " " " " " " " "	66 66
80	" 31.....	M. J. Snyder.....	" " " " " " " " " " " "	50 00
81	" 31.....	C. A. Hart.....	" " " " " " " " " " " "	50 00
82	" 31.....	G. P. Clinton.....	Work in Laboratory Natural History	18 65
83	" 31.....	Mattie Waite.....	Botanical assistance.....	19 16
84	" 31.....	M. J. Snyder.....	Salary, September, 1888.....	26 00
85	" 31.....	J. S. Terrill.....	Work in museum, etc.....	39 17
86	" 31.....	C. F. Adams.....	Taxidermy and supplies.....	150 11
87	" 31.....	Chas. A. Helvie.....	Biological collecting.....	35 00
88	" 31.....	Dr. A. Ziegler.....	Wax models.....	182 39
89	" 31.....	A. J. Stoneburner.....	Salary, October, 1888.....	40 00
90	" 31.....	A. J. Stoneburner.....	Labor, September, 1888.....	30 75
91	" 31.....	Grace Peabody.....	Regent's clerk, Aug. and Sept., 1888.	11 74
92	" 31.....	Isaac Fielding.....	Postage.....	10 00
93	" 31.....	Illinois Central R. R. Co.....	Freight charges.....	92 35
94	" 31.....	Ohio, Indiana & Western Ry.....	" " " " " " " " " " " "	3 46
95	" 31.....	L. M. Moore.....	Blackboard.....	8 00
96	" 31.....	Western Union Tel. Co.....	Telegrams.....	7 34
97	" 31.....	Agricultural department.....	Expenses, September, 1888.....	119 18
98	" 31.....	Horticultural department.....	" " " " " " " " " " " "	17 07
99	" 31.....	Mens' payroll.....	Labor September, 1888.....	177 31
100	" 31.....	Students' payroll.....	" " " " " " " " " " " "	141 12
101	" 31.....	J. V. E. Schaefer.....	Salary, ¼ Sept. and Oct., 1888.....	25 00
102	" 31.....	Yale & Towne Mfg Co.....	Locks and keys.....	3 80
103	" 31.....	Eimer & Amend.....	Chemical supplies.....	25 68
104	" 31.....	E. H. Sargent & Co.....	" " " " " " " " " " " "	17 40
105	" 31.....	Central Union Telephone Co.....	Use of instrument three months.....	15 00
106	" 31.....	Lindsey & Davis.....	Sand.....	3 75
107	" 31.....	J. C. Jackson.....	Chemical supplies.....	3 53
108	" 31.....	L. C. Garwood.....	Cleaning clock.....	2 00
109	" 31.....	Hammond Type-writer Co.....	Type-writer.....	100 00
110	" 31.....	James W. Queen & Co.....	Thermometers.....	17 80
111	" 31.....	Fairbanks, Morse & Co.....	Scales.....	22 20
112	" 31.....	School of Mines Quarterly.....	Subscription.....	2 00
113	" 31.....	Francis E. Galloupe.....	Book.....	2 00
114	" 31.....	C. J. Sablin.....	Tile.....	2 00
115	" 31.....	Urbana Gaslight & Coke Co.....	Gas, three months.....	60 00
116	" 31.....	Enterprise Coal & Coke Co.....	Coal.....	85 00
117	" 31.....	Crane Bros. Mfg Co.....	Vise, pipe and fittings.....	42 69
118	" 31.....	Wabash & Western Ry. Co.....	Freight charges.....	13 47
119	Nov. 15.....	Ohio, Indiana & Western Ry.....	" " " " " " " " " " " "	11 12
120	" 31.....	Illinois Central R. R. Co.....	" " " " " " " " " " " "	138 65
121	" 31.....	Horticultural department.....	Expenses, October, 1888.....	50 16
122	" 31.....	Agricultural department.....	" " " " " " " " " " " "	298 12
123	" 31.....	Grace Peabody.....	Services in Regent's office.....	13 87
124	" 31.....	Pay roll of men.....	Labor October, 1888.....	207 50
125	" 31.....	Pay roll of students.....	" " " " " " " " " " " "	153 36
126	" 30.....	S. H. Peabody.....	Salary, November, 1888.....	333 33
127	" 30.....	T. J. Burrill.....	" " " " " " " " " " " "	166 66
128	" 30.....	S. W. Shattuck.....	" " " " " " " " " " " "	166 66
129	" 30.....	E. Snyder.....	" " " " " " " " " " " "	166 66
130	" 30.....	J. C. Pickard.....	" " " " " " " " " " " "	166 66
131	" 30.....	N. C. Ricker.....	" " " " " " " " " " " "	166 66
132	" 30.....	J. D. Crawford.....	" " " " " " " " " " " "	166 66
133	" 30.....	G. E. Morrow.....	" " " " " " " " " " " "	166 66
134	" 30.....	P. Roos.....	" " " " " " " " " " " "	150 00
135	" 30.....	L. O. Baker.....	" " " " " " " " " " " "	166 66
136	" 30.....	S. A. Forbes.....	" " " " " " " " " " " "	83 33
137	" 30.....	T. B. Comstock.....	" " " " " " " " " " " "	150 00
138	" 30.....	J. H. Brownlee.....	" " " " " " " " " " " "	150 00
139	" 30.....	C. W. Rolfe.....	" " " " " " " " " " " "	125 00
140	" 30.....	D. McIntosh.....	" " " " " " " " " " " "	150 00

List of Warrants—Continued.

No.	Date.	To Whom.	For What.	Amount.
	1888.			
141	Nov. 30	N. Butler, Jr.	Salary, November, 1888.	\$133 33
142	" 30	A. N. Talbot.	" "	116 66
148	" 30	A. T. Woods.	" "	166 66
144	" 30	J. C. Jackson.	" "	166 66
145	" 30	W. H. Garman.	" "	100 00
146	" 30	E. A. Kimball.	" "	125 00
147	" 30	G. W. Parker.	" "	90 00
148	" 30	G. W. Meyers.	" "	50 00
149	" 30	B. Tatarian.	" "	80 00
150	" 30	E. Dana.	" "	25 00
151	" 30	G. B. McHugh.	" "	50 00
152	" 30	A. B. Baker.	" "	70 00
153	" 30	F. M. Ryan.	" "	80 00
154	" 30	John Marten.	" "	66 66
155	" 30	M. J. Snyder.	" "	50 00
156	" 30	C. A. Hart.	" "	50 00
157	" 30	J. V. E. Schaefer.	" "	20 00
158	" 30	A. J. Stoneburner.	" "	40 00
159	" 30	S. W. Shattuck.	Business Agent, three mon. hs.	75 00
160	" 30	Isaac Fielding.	Postage.	10 00
161	" 30	Pay roll of women.	Labor, September and October, 1888.	17 00
162	" 30	W. C. Ritchie & Co.	Paper tubes.	2 00
163	" 30	R. R. Donnelly & Sons.	Cut of University.	2 25
164	" 30	A. J. Funkhouser.	Advertising.	4 40
165	" 30	Brown & Co.	Vol. 23, Encyclopedia Britannica.	5 50
166	" 30	Agricultural department.	Expense, November, 1888.	659 89
167	" 30	Horticultural department.	" "	17 55
168	" 30	Grace Peabody.	Regent's clerk.	16 97
169	" 30	Illinois Central R. R. Co.	Freight charges.	89 95
170	" 30	American Express Co.	Express charges.	5 60
171	" 30	United States Express Co.	" "	2 45
172	" 30	J. S. Terrill.	Work in Laboratory Natural History	27 00
173	" 30	W. T. Pratt.	Mason work.	10 00
174	" 30	Pay roll of men.	Labor November, 1888.	191 11
175	" 30	Pay roll of students.	" "	126 18
176	" 30	W. W. Abbott.	Show mats.	4 50
177	" 30	Fleming & Conant.	Roofing and hardware.	24 97
178	" 30	Geo. r. Kimball.	Glass.	34 88
179	" 30	Besore & Brother.	Lumber.	190 79
180	" 30	Lapham & Walls.	Lime, cement, and lumber.	23 15
181	" 30	Champaign Tile Co.	Tile, brick, and sand.	10 88
182	" 30	J. H. Bainum.	Plastering and bricklaying.	147 70
183	" 30	John Wilkinson Co.	Veneers.	15 30
184	" 30	Orr & Lockett.	Glue.	2 00
185	" 30	Yale & Towne Mfg Co.	Locks and repairs.	23 87
186	" 30	Champaign & Urbana Gas Co.	Gas, Oct. 1 to Nov. 1, 1888.	70 00
187	" 30	Maxwell & Mollett.	Oil.	1 50
188	" 30	Fuller & Fuller Co.	Caustic soda.	4 25
189	" 30	E. H. Sargent & Co.	Chemical apparatus.	18 87
190	" 30	Northern Distilling Co.	Alcohol.	23 25
191	" 30	H. Swannell.	Chemical apparatus and supplies.	18 31
192	" 30	T. H. Trevett.	Copper wire, etc.	2 42
193	" 30	Kellogg, Johnson & Bliss.	Tools.	167 85
194	" 30	A. C. McClurg & Co.	Books and stationery.	37 38
195	" 30	American Philological Ass'n.	Transactions, 1887.	2 00
196	" 30	Form Publishing Co.	Books.	17 50
197	" 30	Carl Schoenhof.	" "	24 03
198	" 30	Hubbard & Son.	Repairs.	4 25
199	" 30	Frazer & Chalmers.	Machinery.	9 88
200	" 30	Pond Engineering Co.	Boiler fixtures.	185 00
201	" 30	Champaign Co. Herald.	Certificates.	2 50
202	" 30	Champaign Co. Gazette.	Report of Trustees, etc.	32 50
203	" 30	Union Water Supply Co.	Water, Oct. 1, 1888, to Jan. 1, 1889.	100 00
204	" 30	R. S. Wilber.	Hauling.	81 75
205	" 30	Crane Bros. Mfg Co.	Fittings.	5 84
206	" 30	Maud Kimball.	Organist fall term, 1888.	50 00
207	" 30	C. W. Briggs.	Band leader.	15 00
208	" 30	J. Burrill.	Assistant in Nat. Hist. Lab'y.	100 00
209	" 30	E. Steiger.	Books.	23 20
210	" 30	Townsend MacCoun.	Set of maps.	10 00
211	" 30	Educational Supply Co.	Laboratory apparatus, etc.	505 61
212	" 30	Robinson & Burr.	Fittings and labor.	88 53
213	" 30	Henry Trevett.	Hardware and labor.	88 27
214	" 30	Wm. Price.	Painting and glazing.	201 48
215	" 30	Philip Steele.	Advertising and printing.	30 00
216	" 30	J. Bacon.	Coal.	4 98
217	" 30	Enterprise Coal Co.	" "	179 12
218	" 30	Caroline McElroy.	Washing towels.	2 00

List of Warrants—Continued.

No.	Date.	To Whom.	For What.	Amount.
	1888.			
219	Nov. 30	Mary L. Barnes	Work in Laboratory	\$29 85
220	" 30	John Wilske	Mason work	15 50
221	" 30	Pay-roll of women	Labor, November, 1888	9 50
222	" 30	James B. Clow & Sons	Fittings	6 02
223	" 30	G. P. Putnam's Sons	Book	5 50
224	" 30	Architectural department	Power for instruction	60 00
225	" 30	Mechanical department		60 00
226	" 30	Geo. Eisenmayer	Board expense	18 00
227	" 30	S. M. Millard		20 68
228	" 30	Alex. McLean		39 46
229	" 30	Chas. Bennett		20 43
230	" 30	B. Pullen		2 75
231	" 30	Emory Cobb		3 50
232	" 30	S. H. Peabody		41 85
233	" 30	C. W. Rolfe	Expenses to Springfield	16 40
234	" 30	Chas. D. Stone & Co.	Customs fees, etc.	16 28
235	" 30	Buffalo Dental Mfg Co.	Furnaces, etc.	97 65
236	" 30	Walker & Mulliken	Chairs, etc.	53 15
237	" 30	Lyon & Healy	Music	6 13
238	" 30	Champaign & Urbana Gas Co.	Gas, Nov. 1 to Dec. 1, 1888	61 00
239	" 30	R. O. Wheeler	Engraving certificates	13 20
240	" 30	S. W. Shattuck	Petty expenses, 3 months	34 13
241	Dec. 31	S. H. Peabody	Salary, December, 1888	333 33
242	" 31	T. J. Burrill		166 66
243	" 31	S. W. Shattuck		166 66
244	" 31	E. Snyder		166 66
245	" 31	J. C. Pickard		166 66
246	" 31	N. C. Ricker		166 66
247	" 31	J. D. Crawford		166 66
248	" 31	G. E. Morrow		166 66
249	" 31	P. Roos		150 00
250	" 31	L. O. Baker		166 66
251	" 31	S. A. Forbes		83 33
252	" 31	T. B. Comstock		150 00
253	" 31	J. H. Brownlee		150 00
254	" 31	C. W. Rolfe		125 00
255	" 31	D. McIntosh		150 00
256	" 31	N. Butler, Jr.		133 33
257	" 31	A. N. Talbot		116 66
258	" 31	A. T. Woods		166 66
259	" 31	J. C. Jackson		166 66
260	" 31	W. H. Garman		100 00
261	" 31	E. A. Kimball		125 00
262	" 31	G. W. Parker		90 00
263	" 31	G. W. Myers		50 00
264	" 31	B. Tatarian		80 00
265	" 31	E. Dana		25 00
266	" 31	G. B. McHugh		50 00
267	" 31	A. B. Baker		70 00
268	" 31	F. M. Ryan		80 00
269	" 31	John Marten		66 66
270	" 31	M. J. Snyder		50 00
271	" 31	C. A. Hart		50 00
272	" 31	A. J. Stoneburner		65 00
	1889.			
273	Jan. 15	Illinois Central R. R.	Freight charges	336 49
274	" 30	Pay roll of men	Labor, December, 1888	188 53
275	" 30	Pay roll of students		121 58
276	" 31	S. H. Peabody	Salary, January, 1889	333 33
277	" 31	T. J. Burrill		166 66
278	" 31	S. W. Shattuck		166 66
279	" 31	E. Snyder		166 66
280	" 31	J. C. Pickard		166 66
281	" 31	N. C. Ricker		166 66
282	" 31	J. D. Crawford		166 66
283	" 31	G. E. Morrow		166 66
284	" 31	P. Roos		150 00
285	" 31	L. O. Baker		166 66
286	" 31	S. A. Forbes		83 33
287	" 31	T. B. Comstock		150 00
288	" 31	J. H. Brownlee		150 00
289	" 31	C. W. Rolfe		125 00
290	" 31	D. McIntosh		150 00
291	" 31	N. Butler, Jr.		133 33
292	" 31	A. N. Talbot		116 66
293	" 31	A. T. Woods		166 66
294	" 31	A. G. Manns		50 00
295	" 31	W. H. Garman		100 00

List of Warrants—Continued.

No.	Date.	To Whom.	For What.	Amount.
	1889.			
296	Jan. 31.	E. A. Kimball.	Salary, January, 1889.	\$125 00
297	31.	G. W. Parker.	"	90 00
298	31.	G. W. Myers.	"	50 00
299	31.	B. Tatarian.	"	80 00
300	31.	E. Dana.	"	25 00
301	31.	G. B. McHugh.	"	50 00
302	31.	A. B. Baker.	"	70 00
303	31.	F. M. Ryan.	"	80 00
304	31.	John Marten.	"	66 66
305	31.	M. J. Snyder.	"	40 32
306	31.	C. A. Hart.	"	50 00
307	31.	J. V. Schaefer.	December, '88, and Jan., '89.	40 00
308	31.	A. J. Stoneburner.	January, 1889.	65 00
309	31.	Grace Peabody.	Regent's clerk, December, 1888.	12 00
310	31.	Maud Kimball.	Music fees.	73 00
311	31.	J. S. Terrill.	Work in laboratory.	13 89
312	31.	Chas D. Stone & Co.	Customs fees, etc.	35 96
313	31.	Dr. O. Pazschka.	Collection of fungi.	86 73
314	31.	Isaac Fiedling.	Postage, etc.	25 00
315	31.	Chicago Com. & Power Co.	Smoke preventers.	100 00
316	31.	D. H. Lloyde & Son.	Stationery.	5 60
317	31.	F. Miller.	Tuning pianos.	5 50
318	31.	Oscar Miller.	Hardware.	7 15
319	31.	Jas. B. Clow & Son.	Screws, etc.	5 83
320	31.	F. A. Reichardt & Co.	Chemicals.	18 65
321	31.	Lapham & Walls.	Lumber.	19 08
322	31.	F. K. Robeson & Co.	Carpent.	3 90
323	31.	Agricultural department.	Expenses, December, 1888.	136 48
324	31.	The Mas-Sin-Na-Gan. Co.	Book.	5 00
325	31.	Crane Bros. Mfg. Co.	Iron pipe, etc.	33 00
326	31.	Champaign & Urbana Gas Co.	Gas, December, 1888.	43 00
327	31.	Enterprise Coal & Coke Co.	Coal.	247 50
328	31.	Fuller & Fuller Co.	Glass.	4 65
329	31.	Walker & Mulliken.	Billiard cloth, etc.	6 60
330	31.	Yale & Town Mfg Co.	Keys.	3 60
331	31.	U. S. Patent Office.	Volumes.	31 20
332	31.	Thos. Wright & Son.	Castings.	19 79
333	31.	G. A. Douglas & Co.	Photographic supplies.	13 77
334	31.	Pantagraph Sta. Co.	Binding, etc.	52 00
335	31.	Heliotype Printing Co.	Zinc plates.	206 00
336	31.	R. Friedlander & Son.	Books.	150 00
337	31.	W. H. Wamsley & Co.	Marine glass.	30 12
338	31.	J. W. Franks & Sons.	Printing.	46 20
339	Feb. 28.	A. M. Westergren.	Entomological drawing.	60 00
340	28.	Mary L. Barnes.	Assistant in botanical laboratory.	62 40
341	28.	J. S. Terrill.	Laboratory Nat. History.	17 40
342	28.	Samuel H. Scudder.	Book.	15 00
343	28.	S. B. Radebaugh.	Postage, etc.	2 50
344	28.	S. A. Forbes.	Sundry expenses.	16 80
345	28.	Skeen & Stuart Sta. Co.	Reporter's note books.	1 10
346	28.	H. Ketzie.	Prairie Farmers, 1873-74.	7 50
347	28.	Grace Peabody.	Regent's clerk, January, 1889.	12 25
348	28.	Agricultural department.	Expenses, January, 1889.	121 05
349	28.	Pay roll of men.	Labor, January, 1889.	136 45
350	28.	Pay roll of students.		124 78
351	28.	S. H. Peabody.	Salary, February, 1889.	333 33
352	28.	T. J. Burrill.	"	166 66
353	28.	S. W. Shattuck.	"	166 66
354	28.	E. Snyder.	"	166 66
355	28.	J. C. Pickard.	"	166 66
356	28.	N. C. Ricker.	"	166 66
357	28.	J. D. Crawford.	"	166 66
358	28.	G. E. Morrow.	"	166 66
359	28.	P. Roos.	"	150 00
360	28.	I. O. Baker.	"	166 66
361	28.	S. A. Forbes.	"	83 33
362	28.	T. B. Comstock.	"	150 00
363	28.	J. H. Brownlee.	"	150 00
364	28.	C. W. Rolfe.	"	125 00
365	28.	D. McIntosh.	"	150 00
366	28.	N. Butler, Jr.	"	133 33
367	28.	A. N. Talbot.	"	116 66
368	28.	A. T. Woods.	"	166 66
369	28.	A. G. Manns.	"	50 00
370	28.	W. H. Garman.	"	100 00
371	28.	E. A. Kimball.	"	125 00
372	28.	G. W. Parker.	"	90 00
373	28.	G. W. Myers.	"	50 00

List of Warrants—Continued.

No.	Date.	To Whom.	For What.	Amount.
	1889.			
374	Feb. 28.	B. Tatarian.....	Salary, February, 1889.....	\$80 00
375	" 28.	G. B. McHugh.....	" " " " " " " " " " " "	60 00
376	" 28.	A. B. Baker.....	" " " " " " " " " " " "	70 00
377	" 28.	F. M. Ryan.....	" " " " " " " " " " " "	80 00
378	" 28.	John Marten.....	" " " " " " " " " " " "	66 66
379	" 28.	M. J. Snyder.....	" " " " " " " " " " " "	50 00
380	" 28.	C. A. Hart.....	" " " " " " " " " " " "	50 00
381	" 28.	J. V. E. Schaefer.....	" " " " " " " " " " " "	20 00
382	" 28.	A. J. Stoneburner.....	" " " " " " " " " " " "	65 00
383	" 28.	S. W. Shattuck.....	Business Agent, 3 months.....	75 00
384	" 28.	E. Steiger & Co.....	Books.....	14 86
385	" 28.	B. F. Stevens.....	" " " " " " " " " " " "	32 49
386	" 28.	Carl Schoenhof.....	" " " " " " " " " " " "	10 41
387	" 28.	Ticknor & Co.....	Periodicals.....	17 50
388	" 28.	H. L. Gay.....	" " " " " " " " " " " "	6 50
389	" 28.	J. O. Kane.....	" " " " " " " " " " " "	4 50
390	" 28.	Central Union Telephone Co.	Rent of instrument.....	15 00
391	" 28.	E. Dana.....	Salary, February, 1889.....	25 00
392	" 28.	Grace Peabody.....	Regent's clerk, February, 1889.....	11 37
393	" 28.	American Express Co.....	Charges.....	13 90
394	" 28.	United States Express Co.....	" " " " " " " " " " " "	13 05
395	" 28.	Illinois Central Railroad Co.	" " " " " " " " " " " "	125 75
396	" 28.	Agricultural department.....	Expenses, February 1889.....	91 15
397	" 28.	Isaac Fielding.....	Postage.....	15 00
398	" 28.	E. O. Ulrich.....	Collection of bryozoans.....	100 00
399	" 28.	Mary Lena Barnes.....	Ass't in botanical labora'y, Feb. 1889.....	28 80
400	" 28.	A. M. Westergren.....	Entomological drawing.....	52 50
401	" 28.	Fraser & Chalmers.....	Pulp elevator, etc.....	81 25
402	" 28.	R. S. Wiber.....	D ayage.....	118 50
403	" 28.	A. H. Roffe & Co.....	Subscription.....	275 61
404	" 28.	A. C. McClurg & Co.....	Books.....	169 83
405	" 28.	K. F. Koehler.....	" " " " " " " " " " " "	40 47
406	" 28.	"The Illini".....	Advertisements and printing.....	29 75
407	" 28.	Enterprise Coal & Coke Co.	110 tons coal.....	99 00
408	" 28.	E. H. Sargent & Co.....	Platinum foil, etc.....	16 09
409	" 28.	Champaign & Urbana Gas Co	Gas, January 1 to March 1, 1889.....	124 00
410	" 28.	William Sim.....	Testaments, etc.....	8 00
411	" 28.	Champaign Gazette.....	Printing and blanks.....	29 50
412	" 28.	Jas. W. Queen & Co.....	Apparatus.....	11 78
413	" 28.	Hugo B Igram.....	Milled gearing.....	35 00
414	" 28.	F. P. Elliott & Co.....	Card board.....	30 00
415	" 28.	Heer & Seelig.....	Transit, etc.....	252 85
416	" 28.	Robinson & Burr.....	Labor and material.....	75 31
417	" 28.	Henry revett.....	" " " " " " " " " " " "	69 11
418	" 28.	Besore & Bro.....	Lumber.....	73 53
419	" 28.	S. W. Shattuck.....	Petty expenses, 3 months.....	28 63
420	" 28.	Students' pay roll.....	Labor, February, 1889.....	123 86
421	" 28.	Mens' pay roll.....	" " " " " " " " " " " "	187 95
422	" 28.	Mechanical department.....	Labor, material, and power.....	178 87
423	" 28.	Mechanical department.....	" " " " " " " " " " " "	133 18
424	" 28.	Architectural department.....	Labor and materials.....	65 40
425	" 28.	Architectural department.....	" " " " " " " " " " " "	582 92
426	Mar. 13.	O. A. Harker.....	Expense to Board meeting.....	16 00
427	" 13.	S. A. Bullard.....	" " " " " " " " " " " "	7 75
428	" 13.	Chas. Bennett.....	" " " " " " " " " " " "	4 88
429	" 13.	Geo. S. Haskell.....	" " " " " " " " " " " "	5 75
430	" 13.	F. M. McKay.....	" " " " " " " " " " " "	18 50
431	" 13.	Emory Cobb.....	" " " " " " " " " " " "	2 50
432	" 13.	Alex. McLean.....	" " " " " " " " " " " "	24 53
433	" 30.	Geo. M. Brinkerhoff.....	Premium on bonds.....	674 10
434	" 30.	Association Am. Agr. Coll. & Exp't Sta.....	Assessment and membership fee... ..	25 00
435	" 30.	U. S. Express Company.....	Express charges.....	9 25
436	" 30.	American Express Company.....	" " " " " " " " " " " "	2 10
437	" 30.	Maud Kimball.....	Salary, winter term, 1888-89.....	50 00
438	" 30.	C. W. Briggs.....	" " " " " " " " " " " "	15 00
439	" 30.	Union Water Supply Co.....	Water, Jan. 1 to March 31, 1889.....	100 00
440	" 30.	Geo. T. Williamson.....	Castings, etc.....	21 18
441	" 30.	S. H. Peabody.....	Salary, March, 1889.....	333 33
442	" 30.	T. J. Burrill.....	" " " " " " " " " " " "	166 66
443	" 30.	S. W. Shattuck.....	" " " " " " " " " " " "	166 66
444	" 30.	E. Snyder.....	" " " " " " " " " " " "	166 66
445	" 30.	J. C. Pickard.....	" " " " " " " " " " " "	166 66
446	" 30.	N. C. Ricker.....	" " " " " " " " " " " "	166 66
447	" 30.	J. D. Crawford.....	" " " " " " " " " " " "	166 66
448	" 30.	G. E. Morrow.....	" " " " " " " " " " " "	166 66
449	" 30.	P. Roos.....	" " " " " " " " " " " "	150 00

List of Warrants—Continued.

No.	Date.	To Whom.	For What.	Amount.
	1889.			
450	Mar. 30	I. O. Baker.....	Salary, March, 1889.....	\$166 66
451	" 30	S. A. Forbes.....	" " " " " " " "	83 33
452	" 30	T. B. Comstock.....	" " " " " " " "	150 00
453	" 30	J. H. Brownlee.....	" " " " " " " "	150 00
454	" 30	C. W. Rolfe.....	" " " " " " " "	125 00
455	" 30	D. McIntosh.....	" " " " " " " "	150 00
456	" 30	N. Butler, Jr.....	" " " " " " " "	133 33
457	" 30	A. N. Talbot.....	" " " " " " " "	116 66
458	" 30	A. T. Woods.....	" " " " " " " "	166 66
459	" 30	A. G. Manns.....	" " " " " " " "	50 00
460	" 30	W. H. Garman.....	" " " " " " " "	100 00
461	" 30	E. A. Kimball.....	" " " " " " " "	125 00
462	" 30	G. W. Parker.....	" " " " " " " "	90 00
463	" 39	G. W. Myers.....	" " " " " " " "	50 00
464	" 30	B. Tatarian.....	" " " " " " " "	80 00
465	" 30	G. B. McHugh.....	" " " " " " " "	60 00
466	" 30	A. B. Baker.....	" " " " " " " "	70 00
467	" 30	F. M. Ryan.....	" " " " " " " "	80 00
468	" 30	Essie Dana.....	" " " " " " " "	25 00
469	" 30	John Marten.....	" " " " " " " "	66 66
470	" 30	M. J. Snyder.....	" " " " " " " "	50 00
471	" 30	C. A. art.....	" " " " " " " "	50 00
472	" 30	Fleming & Conant.....	Hardware.....	8 05
473	" 30	A. P. Cunningham.....	Masks and drugs.....	10 45
474	" 30	C. J. Sabin.....	Coal.....	4 25
475	" 30	Maltby & Wallace.....	Castings and fittings.....	1 74
476	Apr. 15	A. J. S oneburner.....	Salary, March, 1889.....	65 00
477	" 15	Grace Peabody.....	Regent's clerk, March, 1889.....	12 81
478	" 15	I. C. R. R. Co.....	Freight charges.....	49 30
479	" 15	Isaac Fielding.....	Earthquake model and postage.....	33 35
480	" 15	Kenyon News Agency.....	Subscriptions.....	12 20
481	" 15	A. W. French.....	Rep't Commission of Education, 1888.....	75
482	" 15	Nellie M. Bardwell.....	Chart drawings.....	10 00
483	" 15	Mary Howe.....	Cyclostyle printing.....	3 15
484	" 15	J. S. Terrill.....	Work in laboratory.....	17 18
485	" 15	Mary L. Barnes.....	Work in botanical laboratory.....	30 00
486	" 15	A. M. Westergren.....	Drawings, March, 1889.....	60 00
487	" 15	S. A. Forbes.....	Expenses, Laboratory Natural Hist.....	26 05
488	" 15	Edu. Supply Co.....	Fish glue, etc.....	22 79
489	" 15	W. E. Sanders.....	Canadian Entomologist.....	1 00
490	" 15	Kellogg, Johnson & Bliss.....	Tools.....	7 06
491	" 15	P. Bevis.....	Blue-prints.....	17 72
492	" 15	C. U. Telephone Co.....	Rent of instrument, 3 months.....	15 00
493	" 15	H. Chester.....	Ca riages.....	7 00
494	" 15	T. B. Comstock.....	Expenses, metallurgical and physical laboratories.....	2 20
495	" 15	Geo. D. Weeks.....	Gasoline.....	1 50
496	" 15	F. P. Rush & Co.....	Load coals.....	1 00
497	" 15	Agricultural department.....	Expenses, March, 1889.....	116 50
498	" 15	Horticultural department.....	Expenses.....	4 96
499	" 15	Men's pay roll.....	Labor, March, 1889.....	149 54
500	" 15	Students' pay roll.....	" " " " " " " "	137 07
501	" 30	S. H. Pe body.....	Salary, April, 1889.....	333 33
502	" 30	T. J. Burrill.....	" " " " " " " "	141 66
503	" 30	S. W. Shattuck.....	" " " " " " " "	166 66
504	" 30	E. Snyder.....	" " " " " " " "	166 66
505	" 30	J. C. Pickard.....	" " " " " " " "	166 66
506	" 30	N. C. Ricker.....	" " " " " " " "	166 66
507	" 30	J. D. Crawford.....	" " " " " " " "	166 66
508	" 30	G. E. Morrow.....	" " " " " " " "	141 66
509	" 30	P. Roos.....	" " " " " " " "	150 00
510	" 30	I. O. Baker.....	" " " " " " " "	166 66
511	" 30	S. A. Forbes.....	" " " " " " " "	83 33
512	" 30	Geo. B. Comstock.....	" " " " " " " "	150 00
513	" 30	J. H. Brownlee.....	" " " " " " " "	150 00
514	" 30	C. W. Rolfe.....	" " " " " " " "	125 00
515	" 30	D. McIntosh.....	" " " " " " " "	150 00
516	" 30	N. Butler, Jr.....	" " " " " " " "	133 33
517	" 30	A. N. Talbot.....	" " " " " " " "	116 66
518	" 30	A. T. Woods.....	" " " " " " " "	166 66
519	" 30	A. G. Manns.....	" " " " " " " "	50 00
520	" 30	W. H. Garman.....	" " " " " " " "	100 00
521	" 30	E. A. Kimball.....	" " " " " " " "	125 00
522	" 30	G. W. Parker.....	" " " " " " " "	90 00
523	" 30	G. W. Myers.....	" " " " " " " "	50 00
524	" 30	B. Tatarian.....	" " " " " " " "	80 00
525	" 30	G. B. McHugh.....	" " " " " " " "	60 00
526	" 30	A. B. Baker.....	" " " " " " " "	70 00

List of Warrants—Continued.

No.	Date.	To Whom.	For What.	Amount.
	1889.			
527	Apr. 30	F. M. Ryan	Salary, April, 1889	\$80 00
528	" 30	Essie Dana	" "	25 00
529	" 30	John Marten	" "	66 66
530	" 30	M. J. Snyder	" "	50 00
531	" 30	C. A. Hart	" "	50 00
532	" 30	A. J. Stoneburner	" "	40 00
533	" 30	Enterprise Coal and Coke Co	Coal	39 60
534	" 30	Champaign & Urbana Gas Co	Gas, March, 1889	56 00
535	" 30	Pantagraph Stationery Co.	Letterheads	9 00
536	" 30	E. O. Vaile	Illinois School Directory & adver.	11 00
537	" 30	Samuel H. Scudder	Pt. 4 Butterflies, Eastern U. S.	5 00
538	" 30	J. B. Ellis	Books	14 31
539	" 30	Heliotype Printing Co.	Zinc plates	4 50
540	" 30	Frank B. Webster	Subscription	3 50
541	" 30	A. P. Cunningham	Weekly Nature, etc.	7 23
542	" 30	Fuller & Fuller Co.	Glass	22 37
543	" 30	Orr & Lockett	Spring and glue	6 00
544	" 30	Crane Bros. Manfg Co	Brass castings	6 68
545	" 30	Link Belt Machinery Co	Pulley and castings	13 90
546	" 30	Marshall Field & Co.	Carpet	72 85
547	" 30	A. H. Roffe & Co.	Subscriptions	3 10
548	" 30	G. P. Putnam's Sons	"	5 50
549	" 30	Houghton, Mifflin & Co.	"	4 00
550	" 30	A. C. McClurg & Co.	Books	135 01
551	May 15	M. L. Barnes	Salary, April, 1889	29 10
552	" 15	A. M. Westergren	"	60 00
553	" 15	S. H. Scudder	Pts. 5-7 Butterflies, Eastern U. S.	15 00
554	" 15	G. C. Willis	Muslin, etc.	4 43
555	" 15	Champaign Co. Gazette	Printing and paper	94 10
556	" 15	J. S. Terrill	Work in laboratories	12 07
557	" 15	J. M. Southwick	Bone snips, etc.	3 10
558	" 15	Wyckoff, Seamans & Bened't	Ribbons for type-writer	2 00
559	" 15	G. A. Douglas & Co.	Photographic supplies	18 95
560	" 15	Western Electric Co.	Magnet wire	5 00
561	" 15	E. H. Sargent & Co.	Sulphuric ether, etc.	14 83
562	" 15	Champaign & Urbana Gas Co	Gas, April, 1889	66 00
563	" 15	H. Chester	Carriages	2 50
564	" 15	Fred Miller	Tuning pianos	5 50
565	" 15	Stearns & Co.	1 barrel stucco	2 00
566	" 15	Fuller & Fuller Co.	Glass and glue	5 74
567	" 15	Illinois Central R. R.	Freight charges	27 09
568	" 15	Moore, Jones & Co.	Bronze castings	17 10
569	" 15	Bates & Kimball	Subscription	3 00
570	" 15	Isaac Fielding	Postage	15 00
571	" 15	Maud Kimball	Music fees, winter term	139 50
572	" 15	Grace Peabody	Regent's clerk, Apr 1, 1889	12 87
573	" 15	Agricultural Department	Expenses, April, 1889	262 51
574	" 15	Men's pay roll	Labor, April, 1889	177 27
575	" 15	Students' pay roll	"	110 34
576	" 31	S. H. Peabody	Salary, May, 1889	333 33
577	" 31	T. J. Burrill	"	141 66
578	" 31	S. W. Shattuck	"	166 66
579	" 31	E. Snyder	"	166 66
580	" 31	J. C. Pickard	"	166 66
581	" 31	N. C. Ricker	"	166 66
582	" 31	J. D. Crawford	"	166 66
583	" 31	G. E. Morrow	"	141 66
584	" 31	P. Roos	"	150 00
585	" 31	I. O. Baker	"	166 66
586	" 31	S. A. Forbes	"	83 33
587	" 31	T. B. Comstock	"	150 00
588	" 31	J. H. Brownlee	"	150 00
589	" 31	C. W. Rolfe	"	125 00
590	" 31	D. McIntosh	"	150 00
591	" 31	N. Butler, Jr.	"	133 33
592	" 31	A. N. Talbot	"	116 66
593	" 31	A. T. Woods	"	166 66
594	" 31	G. Manns	"	50 00
595	" 31	W. H. Garman	"	100 00
596	" 31	E. A. Kimball	"	125 00
597	" 31	G. W. Parker	"	90 00
598	" 31	G. W. Myers	"	50 00
599	" 31	B. Tatarian	"	80 00
600	" 31	G. B. McHugh	"	60 00
601	" 31	G. B. Baker	"	70 00
602	" 31	F. M. Ryan	"	80 00
603	" 31	Essie Dana	"	25 00

List of Warrants—Continued.

No.	Date.	To Whom.	For What.	Amount.
	1889.			
604	May 31	John Marten	Salary, May, 1889	\$66 66
605	" 31	M. J. Snyder	" " "	50 00
606	" 31	C. A. Hart	" " "	50 00
607	" 31	A. J. Stoneburner	" " "	40 00
608	" 31	C. W. Briggs	Salary, spring term, 1889	15 00
609	" 31	Maud Kimball	" " "	50 00
610	" 31	S. W. Shattuck	Business Agent, three months	75 00
611	" 31	H. L. Weis	Assistance in physical laboratory	37 50
612	" 31	R. B. McConney	" " "	37 50
613	" 31	Isaac Fielding	Postage	30 00
614	" 31	"Illini"	Advertising and blanks	7 25
615	" 31	A. Bevis	Blanks and prints	8 26
616	" 31	Agricultural department	Expenses, May, 1889	291 72
617	" 31	C. Hennecke Co.	Casts, etc.	29 58
618	" 31	C. & W. McClean	Set reloading tools	2 50
619	" 31	American Naturalist	Subscription, 1889	4 00
620	" 31	A. M. Westergren	Salary, May, 1889	60 00
621	" 31	J. S. Terrill	Work in laboratories	9 53
622	" 31	M. L. Barnes	Work in botanical laboratory	30 00
623	" 31	G. ace Peabody	Regent's clerk, May, 1889	16 93
624	" 31	G. C. Willis	Toweling	4 40
625	" 31	Horticultural department	Expense, May, 1889	17 53
626	" 31	Bausch & Lomb Optical Co.	Cover glasses and slides	21 16
627	" 31	H. Swannell	Glass and laboratory supplies	47 31
628	" 31	Champaign Co. Herald	Paper and blanks	9 00
629	" 31	J. O. Kane	Books, etc.	34 00
630	" 31	J. W. Butler Paper Co.	Mounting board	22 50
631	" 31	Henry Trevett	Hardware and lawn mower	35 25
632	" 31	R. S. Wilber	Drayage	57 70
633	" 31	Estes & Lauriat	Blackwood's Magazine	139 00
634	" 31	A. C. McClurg & Co.	Books and stationery	269 69
635	" 31	Enterprise Coal & Coke Co.	Coal	36 00
636	" 31	Champaign & Urbana Gas Co.	Gas, May, 1889	66 00
637	" 31	Thomas Wright & Son	Castings	13 70
638	" 31	George Besore	Lumber	437 56
639	" 31	Union Water Supply Co.	Water for April 1 to June 30	100 00
640	" 31	West Bank Note & Eng. Co.	Printing diplomas, etc.	37 50
641	" 31	Champaign Co. Gazette	Catalogues and stationery	340 67
642	" 31	American Express Co.	Charges	23 40
643	" 31	Illinois Central R. R. Co.	" " "	22 65
644	" 31	Wabash R. R. Co.	" " "	4 28
645	" 31	Mechanical department	Labor and material	39 28
646	" 31	"	Labor, material, and power	126 46
647	" 31	Architectural department	Labor and material	50 08
648	" 31	"	Labor, material, and power	262 56
649	" 31	Pay-roll of men, May, 1889	Labor	130 14
650	" 31	Pay-roll of students, May, '89	"	111 41
651	June 12	O. A. Harker	Expenses to Board Meeting	15 00
652	" 12	Alex. McLean	" " "	37 38
653	" 12	F. M. McKay	" " "	16 50
654	" 12	S. A. Bullard	" " "	11 60
655	" 12	C. Bennett	" " "	5 50
656	" 12	E. Cobb	" " "	2 50
657	" 12	S. M. Millard	" " "	7 64
658	" 15	D. Appleton & Co.	Book	6 00
659	" 15	S. A. Forbes	Petty expense, etc.	145 99
660	" 15	G. B. Grant	1 cut	4 00
661	" 15	H. J. Green	Thermometers	31 50
662	" 15	Robinson & Burr	Fittings, etc.	33 39
663	" 15	T. J. Burrill	Salary 6 months to June 30, 1889	100 00
664	" 15	D. H. Lloyd & Son	Stationery	15 10
665	" 15	Amer. Lead Pencil Co.	1 gross pencils	7 50
666	" 15	Mathews, Northrup & Co.	Engraving	25 00
667	" 15	S. H. Vowell & Co.	Repairs on caligraph	6 65
668	" 15	Lewis Engraving Co.	Engraving	1 78
669	" 15	J. C. West	Specimen of fish	10 00
670	" 15	Judd & Detweiler	Electrotyping	67 95
671	" 15	Ginn & Co.	Journal of Morphology	9 00
672	" 15	Brown & Co.	2 vol. Britannica	11 00
673	" 15	C. F. Adams	Mounting birds, etc.	172 08
674	" 15	Champaign Co. Gazette	Binding	100 00
675	" 15	Pay rolls of men and women	Labor, June, 1889	203 00
676	" 29	S. H. Peabody	Salary, June, 1889	333 33
677	" 29	T. J. Burrill	" " "	141 66
678	" 29	S. W. Shattuck	" " "	166 66
679	" 29	E. Snyder	" " "	166 66
680	" 29	J. C. Pickard	" " "	166 66
681	" 29	N. C. Ricker	" " "	166 66

List of Warrants—Continued.

No.	Date.	To Whom.	For What.	Amount.
	1889.			
682	June 29	J. D. Crawford	Salary, June, 1889	\$166 66
683	" 29	G. E. Morrow	" " "	141 66
684	" 29	P. Roos	" " "	150 00
685	" 29	I. O. Baker	" " "	166 66
686	" 29	S. A. Forbes	" " "	83 33
687	" 29	T. B. Comstock	" " "	150 00
688	" 29	J. H. Brownlee	" " "	150 00
689	" 29	C. W. Rolfe	" " "	125 00
690	" 29	D. McIntosh	" " "	150 00
691	" 29	N. Butler, Jr.	" " "	133 33
692	" 29	A. N. Talbot	" " "	116 66
693	" 29	A. T. Woods	" " "	166 66
694	" 29	A. G. Manns	" " "	50 00
695	" 29	W. H. Garman	" " "	100 00
696	" 29	E. A. Kimball	" " "	125 00
697	" 29	G. W. Parker	" " "	90 00
698	" 29	G. W. Myers	" " "	50 00
699	" 29	B. Tatarian	" " "	80 00
700	" 29	G. B. McHugh	" " "	60 00
701	" 29	A. B. Baker	" " "	70 00
702	" 29	F. M. Ryan	" " "	80 00
703	" 29	Essie Dana	" " "	25 00
704	" 29	J. Marten	" " "	66 66
705	" 29	M. J. Snyder	" " "	50 00
706	" 29	C. A. Hart	" " "	50 00
707	" 29	A. M. Westergren	" " "	60 00
708	" 29	S. E. Goodrich	Collecting insects	2 00
709	" 29	J. W. Bunn	Taxes on Neb. and Minn. lands	1,543 62
710	" 29	Imperial Quartet	Services at commencement	80 64
711	" 29	Maud Kimball	Music fees, spring term	119 00
712	" 29	S. W. Stratton	Photographing	25 00
713	" 29	S. H. Peabody	Traveling expenses	64 84
714	" 29	Walker & Muliken	Dusters, etc.	2 90
715	" 29	Champaign Times	Stationery and blanks	10 50
716	" 29	Amberg File & Index Co.	Refitting files	3 50
717	" 29	Hornstein Bros.	Examination sheets	3 25
718	" 29	Champaign Co. Herald	Programmes	15 25
719	" 29	Isaac Fielding	Postage	20 00
720	" 29	A. J. Stoneburner	Salary ½ June, '89	20 00
721	" 29	G. P. Putnam's Sons	Books	200 59
722	" 29	R. Friedlander & Son	Books	116 31
723	July 15	J. S. Terrill	Work in laboratory	10 16
724	" 15	Pay roll of men and women	Labor, June, '89	201 90
725	" 15	Pay roll of students	" " "	194 16
726	" 31	S. H. Peabody	Salary, July, 1889	333 33
727	" 31	T. J. Burrill	" " "	141 66
728	" 31	S. W. Shattuck	" " "	166 66
729	" 31	E. Snyder	" " "	166 66
730	" 31	J. C. Pickard	" " "	166 66
731	" 31	N. C. Ricker	" " "	166 66
732	" 31	J. D. Crawford	" " "	166 66
733	" 31	G. E. Morrow	" " "	141 66
734	" 31	P. Roos	" " "	150 00
735	" 31	I. O. Baker	" " "	166 66
736	" 31	S. A. Forbes	" " "	83 33
737	" 31	T. B. Comstock	" " "	150 00
738	" 31	J. H. Brownlee	" " "	150 00
739	" 31	C. W. Rolfe	" " "	125 00
740	" 31	D. McIntosh	" " "	150 00
741	" 31	N. Butler, Jr.	" " "	133 33
742	" 31	A. N. Talbot	" " "	116 66
743	" 31	A. T. Woods	" " "	166 66
744	" 31	E. A. Kimball	" " "	125 00
745	" 31	G. W. Parker	" " "	90 00
746	" 31	A. B. Baker	" " "	70 00
747	" 31	J. Marten	" " "	75 00
748	" 31	M. J. Snyder	" " "	50 00
749	" 31	C. A. Hart	" " "	50 00
750	" 31	A. M. Westergren	" " "	60 00
751	" 31	M. L. Barnes	Salary, June, 1889	29 25
752	" 31	W. H. Garman	Field expenses	12 66
753	" 31	M. J. Snyder	Expenses to Springfield	5 83
754	" 31	J. S. Terrill	Work in laboratory	6 19
755	" 31	S. A. Forbes	Expenses	55 65
756	" 31	A. P. Cunningham	Nature (13 weeks)	2 34
757	" 31	S. H. Scudder	Pts. 8 and 9 Butterflies Eastern U. S.	10 00
758	" 31	U. S. Express Co.	Charges	4 90

List of Warrants—Continued.

No.	Date.	To Whom.	For Whom.	Amount.
759	July 31, 1889.	H. Chester.....	Carriages.....	\$9 00
760	" 31	Grace Peabody.....	Services in Regent's office.....	15 05
761	" 31	S. W. Shattuck.....	Petty expenses 3 months.....	25 72
762	" 31	Isaac Fielding.....	Postage.....	22 50
763	" 31	Illinois Central R. R. Co.....	Freight charges.....	22 40
764	" 31	O. I. & W. R. R. Co.....	".....	3 32
765	" 31	G. E. Morrow.....	Farm Expense, June, 1889.....	248 62
766	" 31	L. C. Garwood.....	Loading tools.....	3 50
767	" 31	Enterprise Coal & Coke Co.....	Coal.....	18 00
768	" 31	Champaign & Urbana Gas Co.....	Gas, June 1889.....	16 00
769	" 31	G. F. Kimball.....	Glass.....	38 16
770	" 31	Fuller & Fuller Co.....	".....	2 91
771	" 31	Fuller & Fuller Co.....	".....	25 13
772	" 31	S. R. Roberts.....	Manual of Conchology.....	24 00
773	" 31	C. McElroy.....	Washing towels.....	2 63
774	" 31	G. C. Willis.....	Toweling.....	7 00
775	" 31	J. S. Terrill.....	Work in laboratory.....	5 55
776	" 31	Central Union Telephone Co.....	Rent of telephone.....	15 00
777	" 31	R. S. Wilber.....	Drayage.....	28 50
778	" 31	Illinois Central R. R. Co.....	Charges.....	15 55
779	" 31	Wabash West R. R. Co.....	".....	15 30
780	" 31	Crane Bros. Mfg. Co.....	Iron pipe, etc.....	28 37
781	" 31	J. H. Bainum.....	Plastering.....	201 68
782	" 31	Isaac Fielding.....	Postage.....	10 00
783	" 31	J. E. Hunt.....	Paper.....	1 87
784	" 31	U. S. Express Co.....	Charges.....	16 26
785	" 31	Am. Express Co.....	".....	19 24
786	Aug. 10.	Illinois Central R. R. Co.....	".....	207 20
787	" 10.	J. Lindsey.....	Sand.....	6 50
788	" 10.	The Independent.....	Advertising.....	9 92
789	" 10.	J. S. Terrill.....	Labor.....	41 40
790	" 10.	J. Marten.....	Expenses.....	20 00
791	" 10.	M. J. Snyder.....	".....	13 33
792	" 10.	S. A. Forbes.....	" maps, etc.....	21 50
793	" 10.	S. H. Scudder.....	Pt. 10 Scudder's Butterflies.....	5 00
794	" 10.	E. H. Sargent & Co.....	Test tubes, bottles, etc.....	20 81
795	" 10.	Kerr Bros.....	Material and labor on drill hall.....	1,538 72
796	" 10.	G. Besore.....	Lumber for drill hall.....	669 93
797	" 10.	Yale & Towne Mfg. Co.....	Locks.....	8 22
798	" 10.	Agricultural department.....	Expenses, July, 1889.....	171 12
799	" 10.	S. W. Shattuck, payroll men.....	Labor, July, 1889.....	293 97
800	" 10.	S. W. Shattuck, students.....	Labor, July, 1889.....	299 52
801	" 31	S. H. Peabody.....	Salary, August, 1889.....	333 33
802	" 31	T. J. Burrill.....	".....	141 66
803	" 31	S. W. Shattuck.....	".....	166 66
804	" 31	E. Snyder.....	".....	166 66
805	" 31	J. C. Pi kard.....	".....	166 66
806	" 31	N. C. Ricker.....	".....	166 66
807	" 31	J. D. Crawford.....	".....	166 66
808	" 31	G. E. Morrow.....	".....	141 66
809	" 31	P. Roos.....	".....	150 00
810	" 31	I. O. Baker.....	".....	166 66
811	" 31	S. A. Forbes.....	".....	83 33
812	" 31	T. B. Comstock.....	".....	150 00
813	" 31	J. H. Brownlee.....	".....	150 00
814	" 31	C. W. Rolfe.....	".....	125 00
815	" 31	D. McIntosh.....	".....	150 00
816	" 31	N. Butler, Jr.....	".....	133 33
817	" 31	A. N. Talbot.....	".....	116 66
818	" 31	A. T. Woods.....	".....	166 66
819	" 31	E. A. Kimball.....	".....	125 00
820	" 31	G. W. Parker.....	".....	90 00
821	" 31	A. B. Baker.....	".....	70 00
822	" 31	J. Marten.....	".....	75 00
823	" 31	M. J. Snyder.....	".....	50 00
824	" 31	C. A. Hart.....	".....	50 00
825	" 31	A. M. Westergren.....	".....	60 00
826	" 31	Grace Peabody.....	" for services.....	5 00
827	" 31	S. W. Shattuck.....	as Business Agent 3 months.....	75 00
828	" 31	J. W. Spal ing.....	Postage.....	10 00
829	" 31	W. T. Comstock.....	Advertising.....	1 00
830	" 31	Western Union Tel. Co.....	Telegrams.....	1 42
831	" 31	Fuller & Fuller Co.....	G'ue.....	1 80
832	" 31	Charles Bros.....	Painting and calcimining.....	314 20
833	" 31	Illinois Central R. R. Co.....	Charges.....	185 80
834	" 31	Agricultural department.....	Expenses, August, 1889.....	229 23

List of Warrants—Concluded.

No.	Date.	To Whom.	For What.	Amount.
	1889.			
835	Aug. 31	Grace Peabody.....	Services in Regent's office Aug., '89.	\$3 75
836	" 31	Students' pay roll.....	Labor, August, 1889.....	211 84
837	" 31	Pay roll of men and women.		262 62
838	" 31	Kerr Bros.....	Labor and material for drill hall.....	1,154 93
839	" 31	G. Besore.....	Lumber for drill hall.....	809 18
840	" 31	Robinson & Burr.....	Labor and material.....	20 88
841	" 31	Chicago Carpet Co.....	Matting and mats.....	38 03
842	" 31	G. Besore.....	Lumber.....	313 07
843	" 31	Singer & Talcott Stone Co.....	Stone.....	247 40
844	" 31	T. Wright & Son.....	Grates, etc.....	9 94
845	" 31	Hubbard & Son.....	Hardware.....	86 57
846	" 31	R. S. Wilber.....	Hauling.....	101 00
847	" 31	W. Price.....	Wall paper.....	4 00
848	" 31	Crane Bros. & Co.....	Iron pipe.....	257 98
849	" 31	W. T. Pratt.....	Roof repairs.....	8 10
850	" 31	L. M. Moore.....	Blackboard.....	26 12
851	" 31	Illinois Machine Works.....	Fittings and repairs.....	11 37
852	" 31	Fuller & Fuller Co.....	Glue.....	3 54
853	" 31	Sutton Brick and Tile Co.....	Brick.....	75 00
854	" 31	S. W. Conant.....	Hardware and repairs.....	59 96
855	" 31	H. Trevett.....	".....	39 17
856	" 31	T. H. Trevett.....	".....	6 03
857	" 31	S. H. Seudder.....	Pt. 11 of Butterflies.....	5 00
858	" 31	Lyon & Healy.....	Repairs.....	3 10
859	" 31	Champaign Co. Gazette.....	Blanks and printing.....	30 00
860	" 31	Bradley & Co.....	Advertising.....	10 00
861	" 31	Illinois State S. S. Associa'n	".....	5 00
862	" 31	Leader Publishing Co.....	".....	1 50
863	" 31	G. E. Marshall & Co.....	Record book.....	5 00
864	" 31	A. N. Kellogg News Co.....	Advertising.....	220 00
865	" 31	Lord & Thomas.....	".....	257 16
866	" 31	Enterprise Coal Co.....	Coal.....	276 25
867	" 31	Charles Bros.....	Calceining, etc.....	21 15
868	" 31	Fuller & Fuller Co.....	Glass.....	15 73
869	" 31	E. Henry.....	Paints, oils, etc.....	141 31
870	" 31	S. W. Conant.....	Hardware.....	9 75
871	" 31	S. W. Shattuck, Business Agt.	Petty expenses.....	29 78
872	" 31	Architectural department....	Labor and material.....	17 98
873	" 31	.....	.....	1,423 11

Financial statement of the University of Illinois [not including State Laboratory of Natural History or the Agricultural Experiment Station] for the year ending August 31, 1889.

RECEIPTS, SEPTEMBER 1, 1888—AUGUST 31, 1889.		
Balance		\$23,151 21
<i>From State Appropriations—</i>		
For taxes on lands in Minnesota and Nebraska.....	\$1,543 62	
For buildings and grounds.....	2,500 00	
For laboratories.....	1,500 00	
For mechanical shops.....	1,500 00	
For books and publications.....	1,000 00	
For specimens for cabinets.....	500 00	
For current expenses of instruction.....	20,000 00	
For new boiler.....	1,250 00	
For drill hall.....	10,000 00	
		39,793 62
<i>From other sources—</i>		
Interest.....	\$26,527 71	
Rents.....	1,295 65	
Fees of University students.....	9,354 75	
Fees of preparatory students.....	1,920 00	
Gross receipts of business departments.....	11,104 65	
Miscellaneous.....	41 25	
Agricultural Experiment Station.....	1,196 11	
Balance J. F. Leib note.....	1,500 00	
		52,340 12
		<u>\$115,884 95</u>
EXPENDITURES, SEPTEMBER 1, 1888—AUGUST 31, 1889.		
<i>From State Appropriations—</i>		
Taxes on lands in Minnesota and Nebraska.....	\$1,543 62	
Buildings and grounds.....	3,069 03	
Laboratories.....	1,499 40	
Mechanical shops.....	1,160 00	
Books and publications.....	1,511 31	
Cabinets.....	1,004 72	
Current expenses of instruction.....	13,441 73	
Metallurgical laboratory.....	844 39	
Drill hall.....	4,988 34	
		\$29,062 54
<i>From other funds—</i>		
Expenses of Board of Trustees.....	\$471 56	
Salaries for instruction.....	25,608 02	
Salaries for services.....	2,821 17	
Buildings and grounds.....	257 50	
Fuel and lights.....	2,386 29	
Stationery, printing and postage.....	1,362 70	
Preparatory department.....	1,419 97	
Gross expenses of business departments.....	9,979 35	
Water supply.....	400 00	
Premium on bonds.....	674 10	
Miscellaneous.....	585 12	
Incidentals.....	377 18	
		46,342 96
Balance		40,479 45
		<u>\$115,884 95</u>

Financial statement of the Illinois State Laboratory of Natural History, for the fiscal year ending June 30, 1889.

RECEIPTS.		
Balance from last report	\$470 92	
For field, office and incidental expenses	1,000 00	
Improvement of library	1,000 00	
Pay of assistants	3,000 00	
Publication of bulletins.....	300 00	
EXPENDITURES.		
For field, office, and incidental expenses.....		\$852 94
Improvement of library		1,109 22
Pay of assistants		3,037 24
Publication of bulletins		271 52
Balance		500 00
	\$5,770 92	\$5,770 92

Financial statement of the Agricultural Experiment Station, University of Illinois, for the year ending June 30, 1889.

RECEIPTS.		
Appropriated by Congress	\$15,000 00	
EXPENDITURES.		
Buildings and repairs.....		\$482 42
Board expenses.....		97 60
Books and publications, and binding.....		421 51
Botanical apparatus, supplies, and fixtures.....		25 65
Bulletins and reports		1,189 97
Chemical apparatus, supplies, and fixtures.....		156 23
Fertilizers		63 70
Fuel and lights		372 10
Furniture and fittings		99 98
Incidentals.....		173 00
Printing, stationery, and postage		78 80
Salaries.....		7,856 11
Seeds and trees.....		183 30
Tools		177 10
Wages and teams.....		3,464 64
Sundry special expenditures on certain experiments,.....		157 89
	\$15,000 00	\$15,000 00

PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS,
FOR THE YEAR ENDING AUGUST 31, 1890.

MEETING OF SEPTEMBER 10, 1889.

The Board of Trustees of the University of Illinois met in the University parlor, in Urbana, at 3:30 o'clock p. m., September 10, 1889.

The members present were Messrs. Bennett, Bullard, Clemens, Cobb, Edwards, Harker, McLean, and Shawhan; absent, Governor Fifer, and Messrs. Haskell, McKay, and Millard.

The minutes of the last meeting were approved.

The Regent's report was then read.

REGENT'S REPORT.

To the Trustees of the University of Illinois.

GENTLEMEN: At the last meeting of the Board of Trustees, the Regent "was authorized to fill the vacancies in the list"—of appointments—"on consultation with the Committee on Instruction, subject to the approval of the Board. For this purpose Mr. Shawhan was made a member of the committee." Pursuant to this action of the Board, the following appointments have been made:

Rufus Anderson, Instructor in Iron Work and Foreman, \$1,600 per annum.

S. R. Winchell, Professor of Latin, \$2,000 per annum.

Howard S. Brode, Assistant in Zoölogy, \$100 per month.

H. S. Grindley, Second Assistant in Chemistry, \$60 per month.

J. V. E. Schaeffer, Assistant in Machine Shop, \$80 per month.

Cleaves Bennett, Assistant in Library, \$40 per month.

Mr. Anderson graduated from the mechanical department of Cornell University. He has served several years as foreman in private mechanical shops, and for five years as foreman in the Sibley College of Engineering, of Cornell University. From his long and special experience, and the evidences of his practical skill as workman and teacher, I am led to put great confidence in his ability to do the work desired here.

Mr. Winchell is a graduate of the University of Michigan, has served successfully as principal of the high schools at Ann Arbor, Michigan, and at Milwaukee, Wisconsin, and is well known as an educational author and publisher. He will be an important accession to the force in our college of literature and science.

Mr. Brode comes with excellent recommendations for his work in connection with Professor Forbes.

The other appointees are well known graduates of our own schools.

Learning that Professor Arthur W. Palmer had finished the year's work which he had undertaken in Germany, and was about to return to this State, I offered him the nomination to the vacancy made by the transfer of Prof. Manns from the Experiment Station. But Mr. Manns declines the appointment to the University work, preferring to remain in that of the Experiment Station. I have no question but that he would do the University excellent service. Some conference with him has given an understanding as to his ulterior purposes in life which shows that this declination is creditable alike to his good sense and to his kindly disposition to the University, and I think his wishes should be acceded to.

I therefore, with leave of the Board, nominate Arthur W. Palmer, Sc. D., to the position of Assistant Professor of Chemistry, at a salary of \$1,600 per annum, and recommend that he be placed in charge of the department of chemistry. Prof. Palmer will be remembered as a graduate of this University, having received his Doctor's degree at Harvard University. He has had long experience as a teacher, both at Harvard and at home; he is thoroughly a chemist, familiar with our courses and methods, and has fairly earned this appointment.

Mr. Bedros Tatartian has declined the appointment as First Assistant in the Chemical Laboratory, and Miss Essie Dana declines to be Assistant in Drawing.

These places are to be supplied.

Wednesday last an alarm of fire was made, proceeding from the north barn, caused, probably, by the machinery connected with the large wind-mill. The barn was filled with hay and burned rapidly. All the animals and most of the machinery and tools were saved. The barn with about sixty tons of hay, the dairy house, the corn-crib, with about 600 bushels of grain, and the silo were lost. Prof. Morrow's house, although at one time in imminent danger, was not injured. The loss of this barn makes a serious interruption in the work of the farm, and especially of the Experiment Station. I hope that the Board will see the need of its immediate reconstruction, and I believe that the means for so doing will be found to be within your control. The total loss may be roughly estimated at about five thousand dollars.

Professor Morrow has returned from his European trip. During his absence the farm work has been cared for by Mr. F. D. Gardner, in a very satisfactory manner. The farm report is presented herewith:

FARM REPORT.

UNIVERSITY, Sept. 10, 1889.

Dr. S. H. Peabody, Regent:

SIR: During the three months ending September 1st, the financial transactions of the University farm have aggregated as follows:

Receipts.....	\$314 28
Expenditures.....	58 13

The expenditures have been the larger because of the harvest and threshing—fully completed—and some necessary purchases. The sales have been smaller than usual because of my absence. The hay and oats harvest was satisfactory. There is a prospect of a fine crop of corn. The potatoes are in good condition. The live stock has generally done well.

The work during the quarter seems to me to have been well and economically done.

The burning of the barn on the experiment farm, September 4th, was a serious misfortune. Aside from the buildings, there were burned about 60 tons of hay, 500 bushels of corn, 100 bushels of wheat, 100 bushels of oats, together with harness, tools, etc., to the amount of about \$100 to \$125, not counting property of the Experiment Station.

Respectfully submitted,

G. E. MORROW.

The quarterly report of the Experiment Station, with recommendations and estimates, is herewith presented. I believe that the Station has settled down into regular, efficient, and useful work. It is now issuing nearly 10,000 bulletins, quarterly, mostly to farmers in Illinois. The trial experiments at Flora, in the southern part of the state, indicate important results, which, if corroborated by subsequent experiments, will prove a very great service to the farmers in that section. A second series of these trials is already begun.

REPORT OF THE EXPERIMENT STATION.

To the Regent of the University of Illinois.

SIR: The Board of Direction of the Experiment Station asks authority from the Board of Trustees to undertake the following work:

1. During the past year an experiment in relation to the effect of fertilizers upon wheat has been carried on at Flora by your authority. The Board of Direction proposes to repeat this experiment at Flora, and desires, with your consent, to undertake similar experiments at several other points. It is proposed to expend upon these experiments during the year not more than one hundred dollars.

2. An experiment to test the vitality of seeds.

3. An experiment to test the durability of woods.

4. An experiment to test the deterioration of varieties.

To carry on its operations until October 1, 1889, the Board of Direction asks that Station funds be appropriated to its use:

For fuel and lights.....	\$50 00
For incidental expense.....	25 00
For wages.....	300 00
	\$375 00

And for the quarter ending December 31, 1889 :

Board expense.....	\$40 00
Books and publications.....	50 00
Botanical apparatus.....	100 00
Bulletins and reports.....	350 00
Chemical apparatus.....	75 00
Fertilizers.....	10 00
Fuel and lights.....	100 00
Incidentals.....	25 00
Printing, stationery, and postage.....	25 00
Salaries.....	1,960 00
Seeds and trees.....	25 00
Tools.....	130 00
Wages and teams.....	800 00
Dairying experiment.....	100 00
Wheat experiments.....	50 00
Total.....	\$3,840 00

The following papers are presented :

- A. Vouchers for auditing, with a list of the same.
- B. Statement of expenditures for quarter ending June 30, 1889.
- C. Statement of receipts and expenditures for the year ending June 30, 1889.
- D. Statement of appropriations, expenditures, and balances for the current quarter ending September 30, 1889.
- E. Estimate of expenditures for the quarter ending December 31, 1889.

PAPER C—*Statement of Accounts for the year ending June 30, 1889.*

RECEIPTS.	
Appropriated by Congress.....	\$15,000 00
EXPENDITURES.	
Buildings and repairs.....	482 42
Board expenses.....	97 60
Books and publications, and binding.....	421 51
Botanical apparatus, supplies and fixtures.....	25 65
Bulletins and reports.....	1,189 97
Chemical apparatus, supplies, and fixtures.....	156 23
Fertilizers.....	63 70
Fuel and lights.....	372 10
Furniture and fittings.....	99 98
Incidentals.....	76 50
Printing, stationery, and postage.....	78 80
Salaries.....	7,856 11
Seeds and trees.....	183 30
Tools.....	177 10
Wages and teams.....	3,464 64
Sundry—	
Biology of ensilage.....	50 00
Fruit preservation.....	13 50
Corn experiment at Flora.....	16 75
Wheat experiment at Flora.....	25 67
Experiment with fertilizers on grasslands [fencing].....	51 97
Expense delegates to Knoxville.....	71 50
Association American Colleges and Experiment Stations.....	25 00
	\$15,000 00

Respectfully submitted,

S. H. PEABODY, President Board of Direction.

The new drill hall has made considerable progress. The walls are nearly finished, and the building will be inclosed before cold weather comes. It will be difficult to finish it within the appropriation made by the state, and some funds from current account will be needed.

The improvements asked in the upper story of the main building were referred to the Committee on Buildings and Grounds, and with its approval have been made. The department of architecture finds itself in apartments well suited to its needs, both as to space and light. The amount of money expended has considerably exceeded the estimate. A part of this excess comes from the need of casing the girders overhead, from which the plaster was falling. This has been required from time to time in all the large rooms where the heavy girders are exposed. The whole improvement has cost \$590.62. The sum appropriated at the last meeting was \$430. The balance should now be assigned.

The renovation of the chemical building has been done at a cost of \$286.54. The sum assigned was \$400.

The fence around the north campus has mostly been set; the remainder being left until the work about the new building should be finished. The amount expended is \$496.64. The appropriation was \$500. It will require \$50 more for painting, which should be done without delay.

The general repairs, cleaning, calcimining, etc., have been larger than usual at this season, especially because of the amount of carpenter, mason, and painter's work done in the two buildings. For this purpose \$400 was authorized. The cost has been \$548.69, which you are asked to approve.

The Library Committee presents a report of its transactions for the year ending June 30th. It is a matter of regret that the legislature should reduce the usual appropriation for this important purpose. The amount available is only \$1,000, for which I ask the usual reference with authority to act.

REPORT OF LIBRARY COMMITTEE.

To the Trustees of the University of Illinois.

GENTLEMEN: At the meeting of the Trustees of September, 1888, the following order was passed:

"That the expenditure of the state appropriation for books and publications for the current year be referred to a committee consisting of the Regent, the Librarian, and the Business Agent, and that the list of books and the bids obtained therefor be referred to the Executive Committee of the Board for its approval."

Acting under this direction the Library Committee, after conference with the members of the Faculty, prepared as usual, a list of periodicals and a list of books. Both these were submitted to and were approved by the Executive Committee.

Nov. 27, 1888. Leave was given by the Executive Committee to purchase list of periodicals for year 1889 from A. H. Roffe & Co., for \$273.81.

Dec. 8, 1888. Leave given by same to purchase missing back numbers to complete volumes, to the amount of \$15.00.

Jan. 16, 1889. Leave given to pay for binding Patent Office reports \$31.20.

Bids were invited from A. C. McClurg & Co., and S. A. Maxwell & Co., of Chicago, and G. P. Putnam's Sons, of New York, as to list of books, already approved by the Executive Committee. These firms had all requested opportunity to present bids. Lists were sent to each firm separately. After lapse of considerable time, Maxwell & Co. wrote declining to bid, farther than an offer to buy such books as they could find in market at 10 per cent. commission. Bids were received from Putnam & Co., and from McClurg & Co.; the latter were found to be the lowest, and the purchase was awarded to them by the Executive Committee, Jan. 26,

1889, to the amount of \$545.88, the books to be delivered free of cost for freight, etc., at Champaign.

At the same time the Executive Committee ordered that the Regent be authorized "to purchase the necessary books not included in the above list, at the best terms possible, and to report the same to the Board."

Pursuant to these orders of the Trustees and the Executive Committee, the Library Committee and the Regent present the accompanying statement of their expenditures on this account:

UNIVERSITY OF ILLINOIS, Sept. 10, 1889.

A STATEMENT OF STATE APPROPRIATION FOR BOOKS AND PUBLICATIONS
FOR TWELVE MONTHS, ENDING SEPT. 1, 1889.

1888.			
Sept. 1.....	Balance.....		\$1,511 31
Warrant	112 Subscription, School of Mines.....	\$2 00	
"	113 Index o Magazines, Galloupe.....	2 00	
"	160 Book, Brown & Co.....	5 50	
"	194 Book, McClurg & Co.....	5 25	
"	195 Transactions, Amer. Phil. Asso.....	2 00	
"	197 Books, Schoenhof.....	24 03	
"	196 Bound Forum, Forum Pub. Co.....	17 50	
"	209 Books, Steiger & Co.....	28 20	
"	210 Maps, MacCoun.....	10 00	
"	223 Book, Putnam's Sons.....	5 50	
"	324 Book, Haines Co.....	5 00	
"	331 Binding, U. S. Patent Office.....	31 20	
"	384 Books, Steiger & Co.....	14 86	
"	385 Books, B. F. Stevens.....	32 49	
"	386 Books, Schoenhof.....	10 41	
"	403 Periodicals, Roffe & Co.....	275 61	
"	404 Books, McClurg & Co.....	169 83	
"	481 Book, A. W. French.....	75	
"	547 Subscriptions, A. H. Roffe & Co.....	3 10	
"	548 Book, Putnam's Sons.....	5 50	
"	549 Books, Houghton & Co.....	4 00	
"	550 Books, McClurg & Co.....	135 01	
"	633 Books, Estes & Lauriat.....	139 00	
"	634 Books, McClurg & Co.....	261 49	
"	644 Freight, Wabash Co.....	3 49	
"	658 Book, Appleton & Co.....	6 00	
"	672 Books, Brown & Co.....	11 00	
"	674 Binding, Champaign Co. Gazette.....	100 00	
"	721 Books, Putnam's Sons.....	200 59	
			1,511 31

S. W. SHATTUCK, Business Agent.

Respectfully submitted,

S. H. PEABODY,
S. W. SHATTUCK, } Library Committee.
J. D. CRAWFORD,

I ask the following items:

From state appropriation for apparatus and material—	
For instruments for department of civil engineering.....	\$250
For gauges and tools of precision for machine shop.....	300
For geological relief map, \$10; for aneroid barometer, \$10.....	50
From state appropriation for cabinets—	
For human skeleton.....	50
For current expenses zoological laboratory.....	50
From current funds—	
For furniture and fittings, including two teachers' desks, settees and chairs, desks for drawing rooms, and racks for drawing boards.....	200
For repairs to boilers at main building.....	600

Respectfully submitted,

S. H. PEABODY, Regent.

On motion by Mr. Cobb, the nominations of instructors in the University for the current year were approved, as made by the Regent:

S. R. Winchell, Professor of Latin.....	\$2,000 per annum.
A. W. Palmer, Assistant Professor in Chemistry.....	1,600 " "
Rufus Anderson, Instructor in Iron Work and Foreman.....	1,600 " "
Howard S. Brode, Assistant in Zoölogy.....	100 per month.
Henry Jussel, First Assistant in Chemistry.....	90 " "
H. S. Grindly, Second Assistant in Chemistry.....	60 " "
J. V. E. Schaeffer, Assistant in Machine Shop.....	80 " "
Cleaves Bennett, Assistant in Library.....	40 " "
Etta Beach, Assistant in Drawing.....	25 " "

BUSINESS AGENT'S REPORT.

The Business Agent, Prof. S. W. Shattuck, made his report, which was referred to the Committee on Finance:

UNIVERSITY OF ILLINOIS, Sept. 10, 1889.

Alexander McLean, Pres. Board of Trustees, University of Illinois,

SIR: I have the honor to transmit herewith the usual papers due from me at this time.

Paper A is a statement of the current appropriations for the six months ending Sept. 1, 1889.

Paper B is a statement of the state appropriations, Sept. 1, 1889.

Paper C is a list of vouchers presented for audit, being 626 to 837 inclusive.

Paper D is an estimate of receipts and expenses for the twelve months ending Sept. 1, 1890.

Paper E is an estimate of receipts and expenses for the six months ending March 1, 1890.

The Board is requested to make the necessary appropriation for the expenses of these six months.

Respectfully submitted,

S. W. SHATTUCK, Business Agent.

PAPER A—CURRENT APPROPRIATIONS.

Of March 12, 1889, and June 11, 1889.	Appropriated	Receipts also appropriated.	Expended.	Balance.
Board expense.....	\$300 00		\$188 03	\$111 97
Salaries for instruction.....	19,835 66	\$333 33	18,944 55	1,224 44
services.....	1,400 00		1,260 27	139 73
Buildings and grounds.....	50 00	104 00	111 00	43 00
Fuel and lights.....	1,000 00	227 72	1,033 50	194 22
Stationery and printing.....	1,300 00		1,122 32	177 68
Mechanical department.....	200 00	182 14	322 47	5 67
Architectural.....	200 00	2,068 25	2,217 50	50 75
Agricultural.....	200 00	981 14	1,547 78	
Horticultural.....	200 00	196 42	72 87	323 55
Military.....	50 00		44 46	5 54
Laboratories.....	200 00	578 52	315 97	462 55
Library and apparatus.....	50 00		16 35	33 65
Incidentals.....	264 84		234 52	30 32
Sundries—				
Furniture and fixtures.....	124 85		82 49	42 36
Water supply.....	200 00		200 00	
Commencement expenses.....	200 00		196 93	3 07
Premium on bonds.....	674 10		674 10	
Preparatory year.....		632 50	619 99	12 51
University students' fees.....		3,057 50		3,057 50
Music fees.....		258 50	258 50	
Griggs farm.....		638 33		638 33
Association Agt'l Col. and Exp. Sta.	25 00		25 00	
Minnesota and Nebraska lands.....		10 00		10 00
Paris Exposition.....	25 00		25 00	

PAPER B—STATE APPROPRIATIONS.

	Approp'd.	Received.	Expended	Balance.
Taxes on land.....($\frac{1}{2}$ per annum)	\$3,400 00	\$1,543 62	\$1,543 62	.....
Buildings and grounds.....	5,000 00	2,500 00	1,835 68	\$664 32
Mech. and Arch. shops.....	3,000 00	1,500 00	50 00	1,450 00
Books and publications.....	2,000 00	1,000 00	.....	1,000 00
Cabinets.....	1,000 00	500 00	4 72	495 28
Expenses of instruction.....	40,000 00	20,000 00	.....	20,000 00
Apparatus and material.....	3,000 00	1,500 00	.....	1,500 00
Metallurgical laboratory.....	4,000 00	4,000 00	2,624 18	1,375 82
Drill hall.....	10,000 00	10,000 00	4,988 34	5,011 66
New boiler in machine shops...	1,250 00	1,250 00	.....	1,250 00
	\$72,650 00	\$43,793 62	\$11,046 54	\$32,747 08
Illinois State Laboratory of Natural History..	15,123 62	9,873 62	1,870 21	8,003 41

Messrs. McKay and Millard, of the Finance Committee, being absent, the President appointed Messrs. Bennett and Clemens on the committee to serve for this meeting.

So much of the Regent's report as related to the loss by fire and to rebuilding the barn was, on motion, referred to the Committee on Buildings and Grounds with instructions to consider the matter and report to the Board later during this meeting.

The requests made by the Board of Direction of the Experiment Station for authority to undertake new work, were granted on motion of Mr. Cobb.

Also, on motion of Mr. Cobb, appropriations of Station funds were made as asked, for both the current and the next quarters.

The report of the Library Committee was received and approved on motion of Mr. Cobb.

It was voted that the Library Committee should consist of the Regent, the Business Agent, and the Librarian, Prof. J. D. Crawford, and that to them should be entrusted the expenditure of the state appropriation of \$1,000.00 for the use of the library; and the Committee was instructed to consult with the chairman of the Executive Committee.

The Board then adjourned to meet at the Doane House, in Champaign, at 9 o'clock p. m.

EVENING SESSION.

The Board convened at the Doane House according to adjournment, the same members being present as in the afternoon.

On motion of Mr. Cobb, appropriations were made as follows:

From state appropriation for buildings and grounds—	
For completion of fence around north campus.....	\$50 00
Additional for repairs and cleaning.....	150 00
Additional for fitting up rooms of architectural department.....	170 00

On motion of Mr. Bullard, there was appropriated:

From state appropriation for apparatus and material—	
For civil engineering instruments.....	\$250 00
For gauges and instruments of precision for machine shop.....	3 0 00
For geologic relief map	10 00
For aneroid barometer	40 00

On motion of Mr. Harker, there was appropriated:

From state appropriation for cabinets—	
For human skeleton.....	\$50 00
For current expenses of zoological laboratory.....	50 00

On motion of Mr. Bullard, there was appropriated:

From current funds—	
For desks, settees, racks, etc	\$200 00

And on motion of Mr. Harker, there was appropriated from the same fund, in payment of the Regent's bill for traveling expenses, \$123.42.

On motion of Mr. Harker, the Secretary was instructed to return to Mr. Foster North, of Kewanee, his letter to the Board, and to say to him that the proposition therein contained was declined.

The Board then adjourned to meet at the University at 8:30 o'clock a. m. Wednesday.

SESSION OF WEDNESDAY.

The Board met at the University parlor at 9 o'clock a. m., Wednesday, the same members being present as on the previous day.

The Treasurer, Mr. J. W. Bunn, then presented his report, which was referred to the Finance Committee.

JOHN W. BUNN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS—Dr.

1889.				
June	11	To balance.....		\$6,016 92
	15	J. F. Leib for balance note.....		1,500 00
		" interest on Morgan Co. bonds.....	\$1,400 00	
		" " " Urbana school bonds.....	577 50	
		" " " Montgomery Co. school bonds.....	780 00	
				2,757 50
July	17	To interest on Sangamon Co. school bonds due April 1.....		51 00
	1	" " " Champaign Co. bonds.....	\$4,500 00	
		" " " Pike Co. bonds.....	2,100 00	
		" " " Sangamon Co. bonds.....	880 00	
		" " " Chicago water bonds.....	875 00	
		" " " Macoupin Co. bonds.....	660 00	
		" " " Pittsfield school bonds.....	630 00	
		" " " Litchfield school bonds.....	440 00	
		" " " Montgomery Co. school bonds.....	260 00	
		" " " Christian Co. school bonds.....	240 00	
		" " " Kankakee school bonds.....	60 00	
		" " " Sangamon Co. school bonds.....	112 00	
		" " " Kankakee Co. school bonds.....	1,500 00	
				12,257 00

Treasurer's Report—*Continued.*

		Dr.				
July	31	To interest on Kankakee Co. School bonds.....			\$900 00	
		am't rec'd from state for taxes on lands in Minne-				
		sota and Nebraska.....	\$1,543 62			
		for buildings and grounds...	2,500 00			
		for laboratories.....	1,500 00			
		mechanical shops.....	1,500 00			
		books and publications.....	1,000 00			
		specimens for cab nets.....	500 00			
		expenses of instruction.....	20,000 00			
		new boiler in machine shop.....	1,250 00			
		construction of drill hall.....	10,000 00			
					39,793 62	
		20	To am't rec'd from state for State Laboratory of Natu- ral History:			
			on acc't field work, office and incidental expenses.....	\$1,000 00		
	library.....	500 00				
	salaries and assistance.....	3,000 00				
	publication of bulletins.....	500 00				
	illustration of biennial report of State Entomologist.....	250 00				
	building entomological laboratory and breeding room.....	1,000 00				
				6,250 00		
	To interest on land contract No. 12, H. E. Kludas.....	\$123 95				
	No. 47, M. Hubka.....	73 88				
				197 83		
Aug.	31	To am't rec'd on acc't Nebraska lands.....			67 80	
		To interest on Morgan Co. school bonds.....	\$350 00			
		Montgomery Co. school bonds.....	84 00			
					434 00	
		To am't rec'd of Agricultural Experiment Station— on acc't fuel and lights.....	\$45 00			
		on acc't agricultural department.....	79 31			
		on acc't architectural department.....	225 83			
		on acc't mechanical department.....	1 00			
					351 14	
		28	To am't rec'd for rent of Nebraska lands.....			25 00
		31	Nebraska lands.....			8 08
			on acc't buildings and grounds.....	\$79 00		
			fuel and lights.....	92 80		
			laboratories.....	306 97		
	horticultural department.....	65 12				
	agricultural department.....	234 97				
	architectural department.....	1,441 09				
	mechanical department.....	7 35				
	rent for Griggs farm.....	580 00				
	students' fees.....	471 25				
	preparatory year.....	27 50				
	music fees.....	119 00				
				3,425 05		
				\$74,034 94		
		Cr.				
Aug.	31	By amount paid on account board expense.....	\$108 12			
		salaries.....	9,624 05			
		buildings and grounds....	74 75			
		fuel and lights.....	774 60			
		stationery and printing...	668 35			
		preparatory year.....	80 00			
		mechanical department...	102 49			
		architectural department...	1,413 00			
		agricultural department...	858 13			
		horticultural department...	43 48			
		military department.....	17 21			
		laboratories.....	15 53			
		library and apparatus.....	6 35			
		incidentals.....	193 43			
					\$13,979 49	
			furniture and fixtures....	\$1 23		
			commencement expenses...	196 93		
			music fees.....	119 00		
			Paris Exposition.....	25 00		
					342 16	

Treasurer's Report—Continued.

		Cr.		
Aug.	31	State appropriations—		
		By amount paid on account taxes on lands in Minne-		
		sota and Nebraska.....	\$1,543 62	
		buildings and grounds....	2,038 68	
		mechanical and architect-		
		ural shops.....	65 00	
		books and publications ..	317 59	
		cabinets	183 30	
		apparatus and material ..	183 82	
		metallurgical laboratory..	39 87	
		drill hall.....	4,988 34	
		State Laboratory of Nat-		
		ural History.....	1,870 21	
Balance				\$11,230 43
				48,482 86
				\$74,034 94

JOHN W. BUNN, Treasurer.

Urbana, September 10, 1889.

The matter of University lands in Minnesota was referred to a committee consisting of Mr. Bennett and the regent, on motion of Dr. Edwards.

The Committee on Buildings and Grounds made the following report:

REPORT OF BUILDING COMMITTEE.

To the Trustees of the University of Illinois.

GENTLEMEN: By vote of the Trustees at the regular meeting in June, the matters pertaining to the erection of the new drill hall, the alteration of the rooms in the upper story of the main building, and the construction of the entomological laboratory, were referred to the standing Committee on Buildings and Grounds, to which the President of the Board and the Regent were added, for the purposes involved in the same motion.

A meeting of the committee was held at the University June 12th, at which were present Messrs. Bullard, Shawhan and Peabody. Absent, Messrs. McLean and Harker.

The committee voted to proceed with the work in the upper story of the main building, in accordance with the plans presented by the Regent. Also to proceed with the erection of the entomological laboratory in accordance with designs presented by Professor Forbes.

A second meeting of the committee was held at the University July 9th; present, Messrs. Bullard, Shawhan, McLean and Peabody.

After consideration of designs and estimates for drill hall, it was—

Voted: That Professor N. C. Ricker be appointed architect for the drill hall, and that he be empowered to act as architect in regard to all contracts to be made for materials and work to be purchased or used in construction of that building.

Voted: That the designs and detail drawings presented by Professor Ricker for said drill hall, be approved and adopted.

Voted: That the foundation of the drill hall, from the footings to the surface of the ground at grade line, be made of hard-burned brick laid in cement; that the wall from the top of the foundation to the top of the window sills be twelve inches thick, of which the outer portion, at least six inches thick, be laid in natural faced, coursed, rubble, of stone to be approved by the architect, the inner remaining portion to be laid with well burned brick; that from the top of the window sills to the top of the cornice the wall be twelve inches thick laid with well burned brick.

Voted: That in all present estimates and contracts the floor be omitted.

Bids from various parties having been opened and considered, contracts were awarded to the following parties, for different parts of the work respectively, they being in the judgment of the committee upon terms most advantageous to the University.

Wherever the bids included work or material for the floor, corresponding deductions for work and material were to be made as should be determined by the architect.

For brick and stone masonry, to Kerr Brothers, of Urbana, they to furnish all labor and material, for \$4,333.88, if walls were built all of brick, with 8 cents per cubic foot additional for whatever part should be built of stone, except the cut stone for door and window sills.

For tinner's work, as described in specifications, to Hubbard & Sons, of Urbana, for \$825.00.

For lumber, to George Besore, of Urbana, for \$1,479.11.

Contract has since been awarded with consent of committee, to F. Felkel, of Cleveland, Ohio, for all steel, wrought-iron, and cast-iron structural work, for \$1,063.50.

For further information concerning the progress of the building, the report of the architect to the committee is herewith appended.

ARCHITECT'S REPORT.

UNIVERSITY OF ILLINOIS, URBANA, ILL., 1889.

To the Building Committee of the Board of Trustees of the University of Illinois.

GENTLEMEN: The contract for tinner's work was executed with Hubbard & Sons, of Urbana, at \$825, as awarded.

The contract for lumber was made with George Besore at \$1,479.11, after omitting the floor. The lumber has all been delivered, and the final certificate for payment given.

The contract for masonry was made with Kerr Brothers at \$4,333.88 for masonry if entirely of brick, with an additional payment of 8 cents per cubic foot for the stone masonry required by the drawings and specifications.

These three contracts were awarded by you at your second meeting, though only the price of the first was then fixed.

After a great deal of correspondence and delay, and correspondence by the Regent with most of the members of the committee, the contract for the iron and steel structural work was finally awarded to F. Felkel, of Cleveland, for \$1,063.50, being about \$300 lower than any other bid received, the freight from Cleveland being probably about \$30 on this. This includes everything except anchor rods and plates, ventilation gratings, and the fastenings, such as bolts, lag bolts, plow bolts, wood screws and Russell & Erwin screw-nails, which have been obtained from other parties in Champaign and Urbana, either because they were required for immediate use in the building, or were manufactured articles kept in stock in the hardware trade, and as cheaply procured here as anywhere.

This metal work is required to be shipped from Cleveland on or before Oct. 2d, (time extended about one week beyond that stated in contract), so that it will probably be received about Oct. 5th, which will be as soon as the framing of the roof is completed.

The excavations cost about one-half as much as estimated, principally owing to the greater inclination of the site, though they were everywhere carried down into the solid yellow clay, to reach a soil of practically uniform resistance. As this is loaded with about $1\frac{1}{2}$ tons only per square foot, or $\frac{2}{3}$ as much as is now frequently used for heavy buildings on Chicago soil, no unequal settlements or cracks need be feared.

The difference of level is about 2 ft. at each end of the building, 6 in. on the northern side, and the greatest difference is about 3 ft. with the thickest layer of black soil, which is found at the middle of the southern front. It therefore became necessary to bench the footings, which were arranged to rest on the solid yellow clay, and still require as little extra brickwork as possible.

The grade was fixed 6 inches above the highest surface of the ground at the northwest angle, and the foundation walls were carried 3 feet 7 $\frac{3}{4}$ inches below grade along the north and half the east and west sides, instead of the 4 feet contracted for, this saving of two courses being used to partially compensate for the extra depth of foundations required along the southern front, where they were carried about 2 feet 8 inches deeper.

As it was uncertain whether the floor would be put in the building or not, and as it would be quite inconvenient to use it with the door sills level with the top of the base, as originally designed, it was decided to drop them 2 $\frac{1}{2}$ feet thus resting on the grade level, making the door frames longer by that amount and putting in a temporary panel 2 $\frac{1}{2}$ feet high between the doors and transom bars, so that the sills and doors could easily be raised at any time by simply shortening the frames and taking out the panels. The contract for masonry was let on this basis, making a deduction for the 2 $\frac{1}{2}$ feet in height of masonry omitted at each doorway.

After taking into account the omission of footings on insides of end walls as not required, the addition of 1 foot in the height of frame of each doorway and in that of the large southern window, etc., and the extra masonry required in the foundations, this leaves an extra of 201 cubic feet of brickwork (actual and not mason's measure) in addition to that contracted for.

After a great deal of further consideration, and consultation with the Regent, it was finally decided to make a few additional changes in the masonry, better to adapt the building to its inclined site.

The more important of these were to drop the floor level 22 inches, thus making it 16 inches above grade level, and to set the door sills permanently at that level. The 2 $\frac{1}{2}$ feet panels were omitted at the doorways, thus facilitating the hanging of the end doors by top rolls, and the frames were made a foot higher than originally drawn, this increased height mostly going into the transom, and the large southern window is also made a foot higher. Dropping the floor 22 inches left the tops of window sills 6 feet 10 inches above the floor, so that the windows and the top of the stone facing were also dropped 16 inches, making tops of sills 5 feet 6 inches above the floor.

Bonded arches 12 inches wide were used over the windows, and it was thought best not to diminish the height of the walls any, as the building would appear none too high externally, especially from the north, but to add another course of brick above the notches in the cornice, one at the sides of the notches, and another in the corbel courses, so as better to proportion the cornice to the present arrangement of the exterior of the building. This change in the cornice will cost about \$53.

Some stone masonry has been saved, but the University will be required to take the stone not used (about 7 cords), unless the contractors succeed in disposing of it otherwise, which they have agreed to do, if possible.

The stone work will cost about \$290, so that the masonry will cost about \$400 in addition to the contract price of \$4,333.88. The masons found it practically impossible to build an 8 inch wall so that it is all 12 inches except at the sliding doors in part.

The cut stone was obtained from the Singer & Talcott Company, of Chicago; Mr. Pendergast was asked if he wished to renew his bid, but did not reply. The freight rates on the stone appear pretty high, being 20 cents per hundred, while but 7 $\frac{1}{2}$ are charged for rubble stone.

The masons have been required to use Lemont stone, costing about \$2 per cord more than Indiana stone, and also to use machine-made brick throughout, because of better color and harder, though considerably smaller

than hand-made, which has materially reduced their profits and gives us a better building. But there is no claim for extras on this account, for it was stated to them before signing the contract, that both these conditions would probably be required. On this account, the use of some old lumber, fence-posts, etc., for scaffolding has been allowed them.

For economy, it was decided to substitute oak blocks built up of 2x6 plank set on edge for the stone blocks originally intended to be set beneath the ends of the main trusses to distribute the pressure over a safe area of the walls. They are just as good, and will be durable in their position.

Mr. Felkel has made the request that the iron and steel work be inspected in Cleveland instead of here, that any rejected work might be more quickly replaced with a saving of freights, and has suggested Mr. Probert, inspector of all iron and bridge-work for the city, as a proper man to be employed to make this inspection and the tests of the materials.

I replied to Mr. Felkel that this arrangement would be inadmissible, and that it did not appear to me that the University would obtain greater security that proper materials were used, than if samples were tested here by Professor Woods, as we should be compelled in some degree to rely on the honor and good faith of himself and the manufacturers of the work; that it might be possible to send Mr. Schaefer to Cleveland to inspect the work, when completed, but that this would require action of your committee, if done; further, that if the materials and work were in accordance with the contract and specifications, he need not fear rejection of either.

If the committee has any preferences in this matter of testing samples and inspection of the work, I shall carry out its orders with pleasure; otherwise, I will inspect the work when received here, in accordance with the contract, and will act as appears advisable in regard to testing samples. It may, perhaps, be of some use to require a certificate on honor, or an affidavit, from Mr. Felkel and the manufacturers, that the samples have been taken from the materials actually used for the work.

Mr. Felkel appears to be simply a contracting engineer, who sub-lets his work to the manufacturers, but I have not thought it necessary to raise that question under the contract, since the work is required in the least time and at the least cost possible.

Sufficient lumber will also be required for a staging for the erection of one main truss, as this can be so arranged that it can be readily moved for use in erecting the others. I believe the erection of the frame-work of the roof will be easy and rapid.

It will be necessary to paint the external wood-work, the shingles, and the tin roof, at any rate, whether the sash and glass are put in the windows now or not.

Sufficient earth should also be taken from the interior properly to grade around the exterior and to cover the brick foundation walls, as intended, so that this can be sown with grass seed this fall.

Since a large part of my time has been required for superintendence, arranging and completing contracts, specifications, etc., in order to get these papers and the working blue-prints out in time, I have found it absolutely necessary to employ some assistance in staking out and leveling for the building, and also in making the tracings of the drawings, all this amounting to about \$18, I believe. I have also paid out personally \$6.39 for materials for drawings, tracings, blue-prints, postage, etc.

With all my endeavors for economy, the cost of some items of the work has exceeded my estimates by a few hundred dollars, so that there is now about \$400 remaining, not expended or contracted for. This does not consider the cost of the rubble stone, which the University may be required to take.

EXPENDITURES REQUIRED BUT NOT PROVIDED FOR.

Windows—Sashes and transoms with double thick glass set	\$480 70
Lumber for scaffolds	18 69
Painting, cornice and frames, doors and windows, shingle roof, tin roof, oiling sheathing and frame-work of roof	900 00
Hardware, locks and hinges for doors, rolls and fixtures for doors, sash pivots and fastenings, nails,	180 00
Permanent floor, including excavation and grading	2,457 66
Total.....	\$4,037 05

Very respectfully submitted, N. CLIFFORD RICKER, Architect.
We ask appropriations to the amount of \$3,645.39.

Respectfully submitted,
S. A. BULLARD, } Committee on
O. A. HARKER, } Buildings and Grounds.
G. R. SHAWHAN, }

On motion of Mr. Cobb, the report of the committee was received and approved, and the committee was instructed to complete the building as proposed; and for this purpose, including drainage, the sum of \$4,000 was appropriated from current funds, to the expenditure of which amount the committee was limited.

The Committee on Buildings and Grounds presented the following report:

REPORT CONCERNING BARN.

To the Trustees of the University of Illinois.

Your Committee on Buildings and Grounds, to which was referred the part of the Regent's report in reference to the loss of our north barn, reports that it has considered the situation and consulted with Professor Morrow as to what we must actually have to conduct the work of the University in his department.

The committee asks an appropriation of fifteen hundred dollars to build stables for cattle and horses and room for feed—the stable to be so constructed that it may become a part of the barn it is desirable to build at a later date, when sufficient funds therefor may be provided.

Respectfully submitted,
S. A. BULLARD, } Committee on Buildings and Grounds.
O. A. HARKER, }
G. R. SHAWHAN, }

On motion of Mr. Bennett, the report of the committee was concurred in.

Also, on motion of Mr. Bennett, Professor Morrow and Mr. Cobb were added to the committee for the purposes of the foregoing motion, and the committee was instructed not to exceed the sum appropriated in carrying to completion the work proposed.

The Committee on Buildings and Grounds made the following report relative to the greenhouse:

To the Trustees of the University of Illinois.

Your Committee on Buildings and Grounds, to which was referred the communication of Professor Burrill regarding repairs on the greenhouse,

reports that it has examined the building, and finds repairs needed very badly, and recommends that one hundred and fifty dollars be appropriated from current funds for, repairing furnace, resetting glass, pointing up and painting brickwork, and painting the woodwork.

Respectfully submitted,

S. A. BULLARD, }
G. R. SHAWHAN, } Committee on Buildings and Grounds.
O. A. HARKER, }

The report was concurred in and \$150 was appropriated from current funds for the repairs named.

The Committee on Finance made the two following reports, which, on motion of Mr. Bennett, were approved for record:

To the Board of Trustees of the University of Illinois.

Your Committee on Finance reports that it has examined and compared the books of the Treasurer with the warrants, Nos. 284 to 448 inclusive, drawn upon him for the six months ending June 30, 1889, against the funds belonging to the Experiment Station, amounting to \$8,165.37, and finds them correct as presented.

Respectfully submitted,

S. A. BULLARD, of the Finance Committee.

To the Board of Trustees of the University of Illinois.

Your Finance Committee, to which was referred the report of the Business Agent, reports that it has examined the same and the vouchers submitted therewith, and finds them correct in form and properly receipted, except the salaries of Professors Comstock, McIntosh and Butler for August, 1889, for which receipts have not been given owing to the absence of said Professors.

The committee has found the vouchers of the Experiment Station, Nos. 410-474, which were referred to it, correct as presented and duly receipted.

The committee has also examined and found correct the statement of the receipts and expenditures of the Experiment Station for the year ending June 30, 1889; the amount of said expenditures is \$15,000.

Respectfully submitted,

S. A. BULLARD, }
W. W. CLEMENS, } Finance Committee.

Appropriations for the next six months, as asked for by the Business Agent, were made as follows, on motion of Mr. Cobb:

Board expenses	\$300 00
Salaries for instruction	22,730 00
Salaries for services	1,900 00
Buildings and grounds	50 00
Fuel and lights	2,000 00
Stationery and printing	350 00
Mechanical department	200 00
Architectural	200 00
Agricultural	200 00
Horticultural	200 00
Military	50 00
Laboratories	200 00
Library and apparatus	50 00
Incidentals	200 00
Furniture and fixtures	50 00
Water supply	200 00
Total appropriated	\$28,880 00

The usual quarterly appropriations for the State Laboratory of Natural History were made for the ensuing quarter, on motion of Mr. Cobb.

On motion of Mr. Cobb, there was appropriated:

From current funds—	
For repair of boilers.....	\$600 00

The Finance Committee's report was approved for record as follows:

To the Trustees of the University of Illinois.

Your Finance Committee respectfully reports that it has examined the report of the Treasurer, Mr. J. W. Bunn, for the three months ending September 1, 1889, and finds it correct, and that there are funds in the hands of the Treasurer amounting to \$48,482.86.

Respectfully submitted,

S. A. BULLARD, }
W. W. CLEMENS, } Finance Committee.

Adjourned.

W. L. PILLSBURY,
Secretary.

ALEXANDER McLEAN,
President.