

ADJOURNED MEETING, CHICAGO, OCTOBER 12, 1887.

The Board met in Chicago, at the office of the President, 115 Dearborn street, at 10 o'clock a. m., October 12, 1887.

Present—State Superintendent, Richard Edwards, and Trustees Bennett, Cobb, Eisenmayer, McKay, McLean and Millard.

Absent—Gov. Oglesby, and Messrs. Dysart, Clemens and Shawhan.

On motion, Trustee McLean was appointed Secretary *pro tempore*.

On motion, the reading of the minutes of the June meeting was deferred, and, on motion, those of the meeting of September 13th were approved.

The Regent read the following report, which was received and referred for further deliberation:

REGENT'S REPORT.

To the Trustees of the University of Illinois:

GENTLEMEN: The first subject which I desire to call to your attention is that of arrangements for instruction during the year now beginning. The filling of the vacant professorship of mechanical engineering was very carefully considered. Efforts to find, or to secure when found, competent aid from other institutions, proved unsatisfactory. It was equally certain that aid could not be expected farther from the Secretary of the Navy. I am informed that with only a single exception no naval officer is now detailed for college duty. I had understood that Professor Woods, who had served the University with satisfaction for four years, had become fixed in his determination to return to his profession. He was already on board the Trenton, which was under orders to sail immediately. I believed it for the best interests of the University to offer him the nomination of the full professorship, with the full salary of \$2,000 per annum, which nomination he has accepted, subject to your approval. I am confident that this is the best solution of the question which could be made. I ask that this nomination be confirmed.

Mr. S. W. Stratton declined to serve longer as instructor in mathematics, and, under authority given at your last meeting, I have engaged Mr. E. R. Boyer to perform this service for the coming year, at a salary of \$600. Mr. Boyer is a graduate of the Normal University, has been a high school principal of some experience, and has lately closed a term of service as county superintendent of Fulton county. Mr. Boyer's inducement for coming here is not so much the salary earned, but the opportunity offered for pursuing his own studies in the school of natural history.

Miss Anna E. Maloney, of Washburn, Ill., has been appointed as instructor of music, to succeed Miss Maud Kimball, who has resigned.

Mr. C. E. Eggert has been reappointed instructor in modern languages, and Miss Essie G. Dana as instructor in free hand drawing, to assist Professor Roos. Mr. Bedros Tatarian has been appointed second assistant in the chemical laboratory.

The new year has opened with an unprecedented increase of students in the college of engineers. The number of the first years' students in the machine shops requires divisions into three sections, and I have been forced to engage aid temporarily, which will probably be needed during the whole year. I ask your approval of the appointment of Mr. F. D. Baker, at \$20 per month.

A similar need exists in the class in projection drawing, which is more than twice as large as can be profitably taught by one person, while the needs of the programme will not permit the class to be divided, and part taught at another hour. I have therefore to ask leave to employ an assistant for such time as may be needed, at \$20 per month.

Lieut. H. H. Sargent, U. S. A., having asked to have his detail as military instructor here cancelled, on account of the ill health of his wife, application was made to the Secretary of War for the detail of another officer. He has sent to the University 1st Lieut. Curtis B. Hoppin, 2d Cavalry, U. S. A., and this officer has entered upon his duties. We are confident that the military department is in good hands.

The exhibit made by the University at the educational exposition at Chicago, July 5-16, was very satisfactory. The cost of preparing this exhibit was paid from the appropriation of \$100 made at the June meeting. A similar exhibit was sent to the State Fair at Olney. The last exhibit is in the same line as the first, and both have been made at an expense not greater than the amount authorized; but as no definite authority was given for it, I have to ask your approval, and your authority for payment of the bills incurred.

The expense to the University of the Chicago exhibit was.....	\$60 82
That of the exhibit at Olney was.....	28 15
Total	\$88 97

The following items of improvement have been completed during the summer vacation:

Additional cases in Professor Forbes's room, cost \$136.80; appropriation \$150.00.

The preparation of a room for electrical experiment in the basement of east wing was less expensive than was estimated, as it was found possible to avoid laying a new floor. Of the \$300 appropriated, \$154.06 has been used. Something more will be needed for shutters at the windows.

The fence ordered on west side of campus is not yet finished.

The connection with the water pipes of the Union Water Supply Company was made, and the water admitted to the buildings on the second day of July. The cost to the University of the fittings, etc., laid as ordered, has been \$378.32, an excess above the appropriation, of \$23.32, for which an appropriation is asked. A check valve should be added to each building, to guard the plumbing against excessive pressure when the water works use extra force in case of fire.

I have to call attention to the need of a supply of hose and a proper reel for handling the same in order that the fire hydrants may be made serviceable. This seems to be the last link needed in this outfit, and without it what has already been done will be of little avail in case of danger.

The following appropriations are asked from the several State funds:

From State appropriation for apparatus and material:	
For objectives and other apparatus for the botanical laboratory.....	\$125 00
For repairs of level to theodolite.....	25 00
For purchase of new mannikin.....	400 00
From State fund for cabinets:	
For purchase of zoölogical specimens, exotic types.....	225 60
For material for zoölogical laboratory.....	25 00
For mounting and labeling fossils, and incidental expenses of museum.....	100 00
For purchase of type series of rocks and minerals.....	140 00
From State fund for buildings and grounds:	
For case of drawers in mechanical drawing room.....	20 00

I ask that authority to expend the State appropriation for books and periodicals be given to the usual committee of the Faculty.

Also leave to publish two bulletins from the agricultural department; one upon Pig Feeding: the other upon Moisture in Soils and its Relation to Drainage and Crops.

I transmit the usual farm report for the last quarter.

THE FARM REPORT.

Dr. S. H. Peabody, Regent University of Illinois:

SIR: The receipts from the farm during the quarter ending August 31, 1887, have been as follows:

From sales of cattle.....	\$209 00	
Hogs.....	34 75	
Hay.....	185 35	
Pasture.....	93 65	
Corn.....	22 75	
Miscellaneous.....	24 80	
		\$569 80
The expenditures have been.....		2,047 85

Of the expenditures, \$1,088.75 were for steers bought for feeding under authority given at the last meeting of the Trustees. The excess over the amount authorized, \$1,000, results from the buying of the cattle in lots, rather than singly.

The severe drouth reduced the yield of all crops somewhat. Hay and pasture suffered very severely, and potatoes, of which we had three and a half acres, failed entirely. Grass seed, sown last fall and spring, also failed entirely. The total injury, however, was much less than could be expected. The dry weather enabled us for the first time to finish haying, harvesting wheat and oats, and threshing, before the end of July.

We harvested in good condition, of Wheat.....	515 bushels
Oats.....	2,250 "
Hay.....	180 tons

During August a small silo was filled with 27¼ tons of corn.

Some stock wells have failed; others have furnished sufficient water. Some extra feeding has been needed, but the stock has generally kept in good health and in fair condition.

Between 55 and 60 acres have been plowed; 15 to 20 acres will be sown to wheat; the remainder will be kept for oats and corn.

A report by Mr. T. F. Hunt on the Moisture of Soils, and its Relations to Drainage and Crops is transmitted. It seems to me of especial value at present, showing, as it does, the moisture in eighty samples of soil from different portions of the state, and under different conditions.

Respectfully submitted,

G. E. MORROW, *Professor of Agriculture.*

Reports from Professors Burrill and Forbes are also presented.

All of which is respectfully submitted.

S. H. PEABODY, *Regent University of Illinois.*

Treasurer's Report—Continued.

1887.	<i>Cr.</i>			
August 31	By amount paid on account	commencement expenses	\$99 76	
"	"	music fees	48 00	
"	"	art department	4 25	
"	"	Chicago Exposition	60 82	
"	"	furniture and fixtures	29 78	
				242 61
	State appropriation—			
	By amount paid on account	taxes on lands in Neb. and Minn.	\$1,461 69	
"	"	buildings and grounds	1,826 90	
"	"	apparatus and material	38 00	
"	"	laboratories	504 77	
"	"	mechanical shops	248 99	
"	"	books and publications	410 56	
"	"	cabinets	390 61	
"	"	metallurgical laboratory	117 54	
"	"	expenses of instruction	2,054 93	
"	"	fire walls and ventilation	546 89	
"	"	Laboratory of Natural History		7,600 88
	Balance			2,343 74
				28,737 91
	Total			\$52,382 77

JOHN W. BUNN, Treasurer.

URBANA, September 13, 1887.

The Business Agent's report was presented, as follows:

President Board of Trustees University of Illinois:

Sir: I have the honor to hand you herewith the following statements:

Paper A is a statement of current appropriations for the six months ending September 1, 1887.

Paper B is a statement of the State appropriations September 1, 1887.

Paper C is a list of vouchers presented for auditing, being numbers 676-900.

Paper D is an estimate of the receipts and expenses for the twelve months ending September 1, 1888.

Paper E is an estimate of the receipts for the six months ending March 1, 1888.

Paper F is a list of appropriations asked for the six months ending March 1, 1888.

You are asked to appropriate also the credits on collections which may be made in favor of the several items.

Respectfully submitted,

S. W. SHATTUCK, Business Agent.

STATE APPROPRIATIONS.

	Appropriated	Received.	Expended.	Balance.
Taxes on land (½ per annum)	\$3,500 00	\$1,461 69	\$1,461 69
Buildings and grounds (½ per annum)	4,000 00	2,000 00	1,262 51	\$737 49
Laboratories (½ per annum)	3,000 00	3,000 00	2,302 32	697 68
Mechanical and architectural shops (½ per annum)	3,000 00	1,500 00	178 69	1,321 31
Books and publications (½ per annum)	3,000 00	1,500 00	1,500 00
Cabinets (½ per annum)	2,000 00	1,000 00	1,000 00
Current expense of instruction (½ per annum)	32,000 00	16,000 00	2,054 93	13,945 07
Apparatus and material (½ per annum)	3,000 00	1,500 00	38 00	1,462 00
Metallurgical laboratory (½ per annum)	4,000 00	2,000 00	117 54	1,882 46
Fire walls and ventilation	4,500 00	4,500 00	4,261 72	238 28
	\$62,000 00	\$34,461 69	\$11,677 40	\$22,784 29
Laboratory of Natural History	14,600 00	7,665 71	1,320 69	6,345 02

CURRENT APPROPRIATIONS.

March 9 to September 1, 1887.	Appropriated	Receipts also appropriated	Expended.	Balance.
Board expense.....	\$300 00		\$239 26	\$60 74
Salaries for instruction } State... }	19,916 00		2,054 93	773 72
} Current }			17,087 35	
Salaries for services.....	1,159 00		1,217 34	
Buildings and grounds.....	50 00	\$85 00	86 44	48 56
Fuel and lights.....	1,200 00	136 80	1,219 01	117 79
Stationery and printing.....	1,300 00	105 00	1,238 10	176 90
Nebraska and Minnesota lands.....	21 00	30 00	11 30	39 70
Mechanical department.....	200 00	416 60	522 59	94 01
Architectural department.....	200 00	1,060 69	1,198 56	62 13
Agricultural department.....	1,400 00	1,952 66	2,610 44	742 22
Horticultural department.....	200 00	562 05	844 02	
Military department.....	50 00		35 15	14 85
Laboratories.....	200 00	439 68	402 62	237 06
Library and apparatus.....	50 00	1 74	43 90	7 84
Incidental expenses.....	280 84	8 00	212 17	66 67
SUNDRIES.				
Furniture and fixtures.....	50 00		39 03	10 97
Music fees.....		48 00	48 00	
Art department.....	25 00		4 25	20 75
Chicago Exposition.....	100 00		60 82	39 18
Commencement expenses.....	100 00		99 76	24
University students' fees.....		2,410 00		
Preparatory year fees.....		375 60	480 00	
Griggs farm.....		320 00		320 00

The report of the Business Agent was, on motion, referred to the Auditing Committee.

The Executive Committee presented the following report, which, on motion of Mr. McLean, was approved:

CHICAGO, Ill., June 15, 1887.

The Executive Committee of the Board of Trustees of the University of Illinois, acting during an adjournment of the said Board, hereby make the following appointments and assignments in the department of the State Laboratory of Natural History:

C. M. Weed, assistant for the year ending June 30, 1888. Salary to be \$65 per month for the quarter ending June 3, 1887, under a former appointment, and the salary for the year ending June 30, 1888, to be \$900.

C. A. Hart, assistant for the year ending June 30, 1888, at a salary of \$600 for the year.

M. B. Waite, assistant for the year ending June 30, 1888, at a salary of \$500 for the year.

W. H. Garman, assistant for July and August, 1887, with a salary of \$200 for the two months.

Professor T. J. Burrill, botanist for the year ending June 30, 1888, salary of \$400 for the year.

All of the above salaries to be paid monthly except that of Professor Burrill, which shall be payable quarterly.

Such salaries to be paid from funds appropriated for such purpose.

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

The farm report was, on motion, referred to the Farm Committee.

The Board then proceeded to consider the report of the Regent.

On motion of Mr. Cobb, the nomination of Arthur T. Woods, to be professor of mechanical engineering at a salary of \$2,000 per annum, beginning September 1, 1887, was confirmed.

On motion of Mr. McLean, the following appointments reported by the Regent were confirmed, at the salaries named:

Emmanuel R. Boyer, instructor in mathematics.....	\$600 00
Anna E. Maloney, instructor in music.....	Fees and 150 00
Bedros Tatarian, second chemical assistant.....	400 00
Charles E. Eggert, instructor in modern languages.....	600 00
Essie G. Dana, instructor in drawing.....	250 00

On motion of Mr. Bennett, the Regent was authorized to employ an additional instructor in the machine shop, and another in the projection drawing room, each at \$20 per month, for the time employed, the said instructors being required by the increased number of students in these departments.

On motion, that part of the Regent's report referring to the expenditure of \$60.82 for exhibiting the work of the University at Chicago, and of \$38.15 for a similar exhibition at the State Fair at Olney, was approved, and the expenditures were allowed, to be paid out of the appropriation of \$100 made at the June meeting.

The Regent having reported a deficit of \$28.32, caused by the expense of making water connections as ordered at the June meeting, and that additional check valves were needed, on motion of Mr. McKay, an appropriation of \$75 was made to pay for completing said work as recommended.

On motion of Mr. Eisenmayer, the sum of \$500 was appropriated, as recommended by the Regent, for the purchase of fire hose, a suitable carriage for same, and such other equipments as may be needed to make the present protection available against fire.

On motion of Mr. Bennett, the Regent was authorized to make purchases for the following named purposes and amounts from the State appropriations for apparatus and material:

For six objectives for botanical laboratory.....	\$75 00
For other apparatus for same laboratory.....	50 00
For repair of theodolite.....	25 00
For new mannikin.....	100 00

On motion of Mr. Cobb, the Regent was likewise authorized to expend from the State appropriation for cabinets for the purposes and to the amounts named:

For purchase of zoölogical specimens for museum.....	\$225 00
For purchase of material for zoölogical laboratory.....	25 00
For work in museum and incidental expenses.....	100 00
For purchase of geological specimens.....	140 00

On motion of Mr. Cobb, the Regent was likewise authorized to expend from State appropriations for buildings and grounds:

For case of drawers for mechanical drawing room.....	\$30 00
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On motion of Dr. Edwards, the expenditure of the State appropriation of \$1,500 for the year 1887-8, for purchase of books and publications, was referred to a committee of the Faculty, consisting of the Regent, the Business Agent and the Librarian, with authority to use the same for binding, for purchase of periodicals, and for purchase of books, as the needs of the several departments may require.

On motion of Mr. Cobb, the matter of building a sidewalk on the south side of Green street, in front of the lots newly added to the college park, was referred to the Regent and the Executive Committee with power to act; such money as shall be expended for same to be taken from State appropriation for buildings and grounds.

On motion of Dr. Edwards, the Regent was authorized to print and distribute bulletins for the agricultural department; 2,000 copies of the same, and an amount not to exceed \$60 was appropriated for this purpose.

On motion of Mr. McLean, the current appropriations for the University and appropriations for the State Laboratory of Natural History for the six months ending February 29, 1888, were ordered as per exhibit F made by the Business Agent, and recommended by the Regent, as follows:

APPROPRIATIONS FOR SIX MONTHS ENDING FEBRUARY 29, 1888:

Board expense.....	\$300 00	
Salaries for instruction.....	21,560 00	
" " services.....	1,700 00	
Buildings and grounds.....	50 00	
Fuel and lights.....	2,000 00	
Stationery and printing.....	350 00	
Nebraska and Minnesota lands.....	25 00	
Mechanical department.....	200 00	
Architectural.....	200 00	
Agricultural.....	400 00	
Horticultural.....	400 00	
Military.....	50 00	
Laboratories.....	200 00	
Library and apparatus.....	50 00	
Incidentals.....	200 00	
<i>Sundries—</i>		
Furniture and fixtures.....	\$50 00	
Art department, models, etc.....	20 75	
Water supply.....	200 00	
Boiler repairs.....	200 00	
For State Laboratory of Natural History.....		\$470 75
		2,900 00
		\$27,685 00

On motion of Mr. McLean, it was ordered that Professor George E. Morrow be appointed a delegate to represent the University at the National Convention of Cattle Growers to be held in Kansas City, Mo., October 31, and that a sum not to exceed \$40 be appropriated for the expenses of such delegate.

The Farm Committee made the following report:

Your committee reports that it visited the farm during the last part of August, and found the farm and the stock in general good condition, notwithstanding the extreme drouth; and that the report of Professor Morrow, referring to it, is a fair statement of the condition of the farm and stock. The committee recommends that the purchase of steers to the amount of \$88.75 in excess of the sum previously appropriated for such purpose by the Board, be approved.

Respectfully submitted,

CHARLES BENNETT, *Chairman Farm Committee.*

On motion the report of the committee was adopted, and the sum of \$88.75 was appropriated for the purpose named.

On motion the Farm Committee was instructed to collect the arrearages of rent due on the Griggs farm, and make arrangements to secure prompt payment hereafter.

The President appointed Dr. Edwards on the committee on Buildings and Grounds, in place of Mr. Earle, resigned.

The report of the Auditing Committee was read, and on motion of Mr. Eisenmayer, was adopted.

Your committee reports that it has examined the reports of the Business Agent, with vouchers No. 676 to 950, both inclusive, that it finds the said reports and vouchers correct, and that it recommends that they be approved and placed on file.

Respectfully,

F. M. MCKAY,
GEO. C. EISENMAYER.

The Finance Committee reported the Treasurer's report correct, and their report was, on motion, adopted.

Mr. Bennett offered the following resolution, and, on motion of Mr. McKay, it was adopted:

Resolved, That the Regent and Faculty be requested to take into consideration the advisability of holding at commencement an examination for admission of students, and report to this Board through the Regent at the December meeting.

On motion the Board adjourned.

ALEXANDER McLEAN,
Secretary Pro Tempore.