

MEETING OF DECEMBER 14, 1886.

The Board met at the University Parlor at 3:30 p. m.

Present—Trustees Bennett, Eisenmayer, McKay, Millard, McLean, and Pearman.

Absent—Governor Oglesby, Trustees Landrigan, Cobb, Earle and Paden.

The minutes of last meeting were read and approved.

The Regent submitted the following report, which was received:

To the Trustees of the University of Illinois,

GENTLEMEN: The term of University work now drawing to a close has been marked with the usual and characteristic good order which has been maintained now for several years. The number of students in attendance is slightly above the average of the last few years. I shall not enter any general discussion of scholastic matters, reserving that until the annual report which is to be made at the next meeting.

The work laid out at the June meeting, in the way of repairs and improvements, has mostly been completed.

The improvements in ventilation have been made as contemplated. Each class-room on the first, second, and third floors of the main building has now its separate ventiduct leading to the open air at the top of the building. The effect thus far has been quite satisfactory. It is probable that some of the rooms should have the ventilation farther improved by opening inlets through which fresh air should be brought at once to the steam heaters. If this is done nothing further can be desired. The coming cold season will aid us to ascertain exactly where this work is needed.

The amount of the State appropriation available for this purpose in June was.....\$2,370 30
Of this has been used in the placing of ventiducts..... 1,607 35

Leaving unexpended.....\$ 762 95

The improvement ordered at the chemical building has been finished as was designed. The stone steps at the south end of the house have been removed; the wall faced up where they stood, and a balcony rail set where there was formerly a landing. The steps have been reset, at the west side, making the main entrance at the first floor, with a basement entrance beneath. A portico has been added, uniform with the portico at the north end of the building. The improvement to the building, both in convenience, and in architectural propriety, is greater even than was anticipated.

The earth has been removed from the base of the building down to the footing stones, and the stone wall thoroughly covered with asphalt, put on hot. The trench was connected with the line of drain tile which surrounds the building, was then filled nearly to the top with coal cinders, and was finally covered with soil. It is believed that this will stop the injury which was caused by the dampness which permeated the foundation walls.

The expense of these improvements has been greater than was estimated.

The cost has been
For removing and replacing steps, building portico, etc.....\$568 97
For repairs on foundation..... 43 08

Against which was appropriated.....\$612 05
500 00

Leaving unprovided for.....\$112 05

for which an appropriation is asked.

The repairs on the gardener's house in the arboretum have been made at a cost of \$61 35. This is within the appropriation, which was \$100.

The woodwork of the chemical building, outside, has not been repainted since the house was erected, now more than eight years since. The new portico brings this fact into unpleasant relief, and I suggest that authority be given to paint the outside woodwork at an expense not to exceed \$175.00. Account, Buildings and grounds.

Also, that authority be given to extend the front fence of the college park on Green street, before the lots bought last year, to cost not more than \$200.00. Much of this work can be done at the shop during the winter, so that the fence can be set when the ground opens in the spring.

Much work has been done in arranging articles, cases, &c., in the engineering museum. I ask that \$50.00 be allowed for carrying on that work.

Also that \$100 be allowed from the fund for natural history collections, to be used for clerical work on the herbarium.

There is need for a suitable house for the storage of the field pieces loaned the University by the U. S. War Department, and for the storage of the ammunition supplied from the same source. While I believe that this may be secured from the present funds, it will hardly be practicable to enter upon such constructions until the next season opens. The matter is one that should not be neglected too long.

I present the report of Professor Morrow upon the financial affairs of the farm for the year ending December 1st. While the credit balance is not so large as has been shown in some former years, it must not be forgotten that all agricultural matters are now in a state of almost unprecedented depression, farm produce and stock being sold, if sold at all, at ruinously low prices, and inventories being of necessity low in proportion.

If the four items of Shorthorn and Jersey cattle, corn, and hay now on hand could be valued at the prices of five years ago, the total profits of the year would be increased by more than \$2,500.

REPORT OF THE AGRICULTURAL DEPARTMENT.

UNIVERSITY OF ILLINOIS, December 14, 1886.

Dr. S. H. Peabody, *Regent*:

SIR: I respectfully present the following report of the receipts and expenditures of the University farms for the year ending December 1st, 1886, with the inventory of personal property on the farms of that date:

Credits: Inventory, December 1, 1886.....				
Cattle—Shorthorns, 55.....	\$5,500 00			
Jerseys, 9.....	650 00			
Herefords and Holsteins, 8.....	1,400 00			
Grades, 13.....	475 00			
		\$8,025 00		
Colts.....		775 00		
Hogs, 75.....		620 00		\$9,420 00
Farm products—Hay, 200 tons.....		\$1,000 00		
Corn, 3,440 bushels.....		1,315 00		
Miscellaneous.....		375 00		
			\$2,690 00	
Teams, 9 horses.....			1,200 00	
Machines and tools.....			1,950 00	\$15,260 00
Sales for cash—Live stock.....	\$4,865 49			
Butter and milk.....	160 33			
Hay and grain.....	871 00			
Miscellaneous.....	297 25			
		\$6,194 07		
Notes and credits.....		698 12		
Total credits.....		\$200 00		
Permanent improvements.....				\$7,092 19
Debits: Inventory, December 1st, 1885.....				\$22,352 19
Live stock.....	\$10,055 00			
Farm products.....	2,936 25			
Teams.....	1,250 00			
Machines and tools.....	1,800 00			
		\$16,041 25		
Paid for labor.....	\$2,452 00			
For stock.....	2,709 42			
Miscellaneous.....	1,107 90			
		\$6,269 32		
Total debits.....				\$22,310 47
Balance to credit of the farms.....				\$41 72

No credits are given for the extra cost of work for purposes of experiment. This work is so interwoven with that of the general farm labor, that it is very difficult to separate them in a report. Could this be done, a moderate profit would appear.

Although the season was more favorable with us than in most parts of the State, the corn crop was reduced more than 1,000 bushels by the drouth. The varieties yielded from 45 to 55 bushels per acre. The hay crop was quite good, but is valued at a lower rate than for a number of years. The live stock is in good condition and is intrinsically more valuable than ever before. This is notably true of the Shorthorn herd, but the valuation is at very moderate rate. We have a pair of finely bred Hereford cows, one imported, with promising heifer calves; two imported Holstein-Friesian young cows of much promise. In general the stock has been in good health. Recognition should be made, however, of the very great care and attention given to them by Professor McIntosh in any case of sickness or accident.

The work on the farms is in a good state of advancement, and save for effects of time on the buildings and some of the fencing, the farms appear in better condition than at any time since I have known them.

As to my work in class-room and elsewhere, I have been gratified with a more than usual degree of interest shown by the classes, but have not had any noticeable increase in numbers.

During the year I have attended or forwarded papers to the meetings of six National Conventions, seven State Societies and ten District, County or local Institutes, Fairs, etc., delivering twenty-two addresses on agricultural subjects. I have attended the State Fair and Fat Stock Show—at the latter exhibiting a group of steers fed on the University farms—also, some county and local shows.

Very wide circulation has been given by the agricultural, live stock and general newspaper press to frequent brief reports of work in connection with the Agricultural Department.

Respectfully submitted.

G. E. MORROW.

Respectfully submitted,

S. H. PEABODY, *Regent.*

Trustee McKay was appointed to serve on the standing committee *vice* Follansbee, resigned. The Executive Committee asked, and was granted further time to report on water supply. Also the Committee on Ladies' Boarding Hall.

The following appropriations were made, as recommended in Regent's report:

- \$112 05 for repairs in chemical building.
- 175 00 for painting outside woodwork of chemical building.
- 200 00 for fence in front of purchased lots.
- 50 00 for engineering museum.
- 100 00 for herbarium.

Also, \$100 was appropriated for repairs of fence on campus.

The Board learning of the severe sickness of Prof. T. J. Burrill, on motion of Trustee Eisenmayer, a leave of absence was granted him for 30 days.

On motion of Trustee McLean the following resolution was passed:

Resolved, That the President and Secretary be directed to draw their requisition upon the State Auditor for the several sums of money appropriated by the General Assembly for the use of the State Laboratory of Natural History and the State Entomologist's office for the quarter ending March 31, 1887.

For the field work and incidental expenses of the laboratory the sum of one hundred and fifty dollars.

For the traveling, office, and incidental expenses of the entomologist the sum of one hundred and fifty dollars.

For improvement of the library the sum of two hundred and fifty dollars.

For the pay of the entomologist assistant the sum of two hundred and fifty dollars.

For the pay of the botanical assistant the sum of five hundred dollars.

For miscellaneous assistance the sum of two hundred and fifty dollars.

For the publication of bulletins the sum of one hundred and fifty dollars.

Treasurer Bunn read the following report, which was received and referred to the Auditing Committee:

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

1886.		<i>Dr.</i>			
Sept.	14	To balance.....			\$22,881 42
	30	To amount received on account of University fees.....	\$2,490 00		
	30	" " " " preparatory year.....	500 00		
Oct.	14	" " " " from State for State Laboratory of Natural History.....			2,990 00
	18	To interest due on land contract No. 1, A. Hubka, due January 1, 1886.....			3,200 00
	18	To redemption for taxes on two quarter sections in Nebraska.....			135 95
Nov.	30	To amount received on account of University fees.....	510 00		41 65
		" " " " mechanical department.....	75 00		
		" " " " architectural department.....	529 94		
		" " " " agricultural department.....	2,994 92		
		" " " " horticultural department.....	125 60		
		" " " " laboratories.....	204 60		
		" " " " buildings and grounds.....	47 74		
		" " " " fuel and lights.....	39 87		
		" " " " library and apparatus.....	6 00		
		" " " " incidentals.....	4 00		
		" " " " music fees.....	44 00		
		" " " " Illinois Central R. R. freight.....	415 89		
					4,997 56
					\$34,246 58
		<i>Cr.</i>			
Nov.	30	By amount paid on account Board expenses.....	\$124 53		
		" " " " salaries.....	3,277 00		
		" " " " buildings and grounds.....	29 20		
		" " " " fuel and lights.....	1,147 57		
		" " " " stationery and printing.....	149 14		
		" " " " preparatory year.....	480 00		
		" " " " Nebraska and Minnesota lands.....	275 08		
		" " " " mechanical department.....	301 20		
		" " " " architectural department.....	458 29		
		" " " " agricultural department.....	1,264 82		
		" " " " horticultural department.....	284 88		
		" " " " chemical department.....	380 84		
		" " " " military department.....	60 86		
		" " " " library and apparatus.....	5 90		
		" " " " incidental expense.....	93 27		
		" " " " premium on bonds.....	100 62		8,332 58
		" " " " boiler tubes.....	193 65		
		" " " " commencement expenses.....	18 75		
		" " " " furniture and fixtures.....	5 52		
		" " " " architectural drawings.....	6 00		
		" " " " music fees.....	44 00		368 54
		State appropriations—			
		To amount paid on account buildings and grounds.....	660 62		
		" " " " laboratories.....	543 59		
		" " " " mechanical and architectural shops.....	395 67		
		" " " " books and publications.....	685 08		
		" " " " expenses of instruction.....	7,064 79		
		" " " " machinist tools.....	798 03		
		" " " " fire walls and ventilators.....	728 01		
		" " " " Laboratory of Natural History.....	1,672 13		
		" " " " cabinets.....	98 17		
		Balance.....			12,646 09
					12,899 37
					\$34,246 58

The following report from a committee was submitted, received, and its recommendations approved:

To the Honorable Board of Trustees of the University of Illinois:

We, your committee to whom was referred the proposition of Mr. S. Goodrich at the September meeting of the Board, do not think the proposition practicable, considering the present financial condition of the University, and recommend that the communication be placed on file.

F. M. MCKAY,
G. C. EISENMAYER.

The Business Agent submitted the following statements, with vouchers, which were received and referred to the Auditing Committee:

CURRENT APPROPRIATIONS.

September 1, 1886—March 31, 1887.	Appropriated	Receipts also Appropriated	Expended.	Balance.
Board expenses.....	\$300 00		\$124 53	\$175 47
Salaries for instruction { Current }	19,914 00		{ 7,064 79	} 10,297 21
{ State }			{ 2,552 00	
Salaries for services.....	1,650 00		725 00	925 00
Buildings and grounds.....		47 74	29 20	18 54
Fuel and lights.....	2,000 00	39 87	1,147 57	892 30
Stationery and printing.....	350 00		149 14	200 86
Nebraska lands.....	296 08		275 08	21 00
Mechanical department.....	200 00	75 00	301 20	
Architectural ".....	200 00	524 94	458 29	261 65
Agricultural ".....	400 00	2,994 92	1,264 82	2,130 10
Horticultural ".....	400 00	125 60	284 88	240 72
Military ".....	80 00		60 86	19 14
Laboratories ".....	200 00	204 60	380 84	23 76
Library and apparatus.....	50 00	6 00	5 90	50 10
Incidental expenses.....	200 00	4 00	93 27	110 73
<i>Sundries.</i>				
Premium on bonds.....	100 62		100 62	
Boiler tubes.....	193 65		193 65	
Commencement exercises.....	55 83		18 75	37 08
Furniture and fixtures.....	25 00		5 52	19 48
Architectural drawings, balance.....	29 27		6 00	23 27
Architectural cabinet case.....	36 38			36 38
Music fees.....		44 00	44 00	
Preparatory year fees.....		500 00	480 00	20 00
Illinois Central freight.....		415 89		
University student's fees.....		3,000 00		3,000 00

STATE APPROPRIATIONS.

Of July 1, 1885.	Appropriated.	Received.	Expended.	Balance.
Taxes on land (½ per annum).....	\$4,000 00	\$3,493 15	\$3,438 15	
Buildings and grounds (½ per annum).....	6,000 00	6,000 00	4,698 44	\$1,301 56
Laboratories (½ per annum).....	3,000 00	3,000 00	1,437 47	1,562 53
Mechanical and architectural shops (½ per annum).....	3,000 00	3,000 00	1,945 67	1,054 33
Books and publications (½ per annum).....	3,000 00	3,000 00	2,185 08	814 92
Cabinets (½ per annum).....	2,000 00	2,000 00	1,193 21	806 79
Current expenses of instruction (½ per annum).....	24,000 00	24,000 00	21,419 72	2,580 28
Machines and tools (½ per annum).....	4,000 00	4,000 00	2,798 03	1,201 97
Fire walls and ventilation.....	4,500 00	4,500 00	3,737 05	762 95
Laboratory of Natural History.....	18,000 00	11,460 65	8,658 47	2,802 18
Total.....	\$71,500 00	\$63,393 80	\$51,506 29	\$12,887 51

Trustee Bennett offered the following resolution, which was passed:

Resolved, That the President and Secretary of this Board be, and are hereby authorized to execute a lease of the Griggs farm to H. H. Darby at \$640 per annum, as proposed and recommended by the Farm committee, for the period of four years, from March 1, 1887, with the privilege of either party to terminate same upon giving the other party six months notice thereof prior to the first day of March in any year.

Adjourned to meet at 8 P. M.

EVENING SESSION.

The Board assembled at the time appointed. Present as before.

The Committee on Legislative Appropriations made the following report:

To the Trustees of the University of Illinois,

GENTLEMEN: Your committee, charged with the duty of considering the needs of the University and the aid to be asked for it of the General Assembly at its next session, has attended to this duty and respectfully reports as follows:

An estimate is presented of the cost of carrying on the usual work of the University for the two years following the first of July, 1887, and of the resources within the control of the University for meeting those expenses.

EXPENDITURES, PER ANNUM.

Salaries for instruction—		
Regent.....	\$4,000 00	
Ten professors at \$3,000.....	20,000 00	
Four " 1,800.....	7,200 00	
Three " 1,600.....	4,800 00	
Seven instructors at average of \$900.....	6,300 00	
Two additional professors.....	4,000 00	
	<hr/>	\$45,300 00
Salaries for services.....	2,735 00	
Fuel and lights.....	3,000 00	
Board expenses.....	600 00	
Stationary, printing, advertising, postage.....	1,500 00	
Incidentals, including water.....	1,200 00	
	<hr/>	9,035 00
Total.....		\$54,335 00
Total expenses, forward.....		54,000 00

RESOURCES.

Interest on endowment.....	\$19,000 00	
Interest on land contracts.....	6,000 00	
Fees from students.....	9,000 00	
Miscellaneous.....	2,000 00	
	<hr/>	\$36,000 00
Deficit to be asked of the State.....		\$18,000 00
Also the following items as heretofore allowed:		
For payment of taxes on lands in Minnesota and Nebraska, per annum.....	\$2,000 00	
For repairs and improvements.....	3,000 00	
For mechanical shops.....	1,500 00	
For apparatus and chemicals.....	2,000 00	
For books and publications.....	1,500 00	
For collections of natural history.....	1,000 00	
For fitting laboratory of mining engineering.....	2,000 00	
	<hr/>	\$13,000 00
Total asking per annum.....		\$31,000 00

Your committee believes that all the items enumerated above are essential to the proper life and growth of the University. The two new professorships provided for are:

First—A professor of mechanical engineering, who will be imperatively demanded when the present naval officer is withdrawn at the end of the current college year; and

Second—A professor of pedagogy, as asked by a resolution of the Illinois State Teachers' Association, at their last meeting.

Your committee also approves the accompanying estimate presented by the Director of the Laboratory of Natural History and recommends that the legislature be requested to appropriate the sums named for carrying on the work of that department.

Estimate of expenses of the State Laboratory of Natural History for the years 1887-8 and 1888-9, per annum;

For salary of Director.....	\$2,000 00
For traveling and incidental expenses.....	1,000 00
For entomological, botanical and miscellaneous assistants.....	3,000 00
For additions to library.....	1,000 00
For publication of bulletins.....	300 00
Total appropriation per annum.....	\$7,300 00

All of which is respectfully submitted,

S. M. MILLARD,
S. H. PEABODY,
CHARLES BENNETT, } *Committee.*

That part of the report in regard to the general appropriations for the University was approved, and the regent was requested to present these askings to the legislature.

That part of the report regarding the appropriations asked for the Laboratory of Natural History was also approved, and the Director of the Laboratory was requested to present it to the legislature.

The following resolution, offered by Trustee Bennett, was passed:

Resolved, That a special committee of four be instructed to investigate and report in detail at the next meeting of this Board such recommendations as they may deem of advantage in the future management of the farm of the University.

The Chairman appointed Trustees Pearman, Cobb, Bennett and Eisenmayer.

The following report from the auditing committee was received and approved:

To the Board of Trustees of the University of Illinois:

We, your auditing committee, report that all the vouchers submitted by the business agent from 1,001 to 1,043 of '85-'86 and 1 to 225 of '86-'87, inclusive, are in proper form and duly receipted, and we recommend that the same be approved. We have examined, also, the report of J. W. Bunn, treasurer, find it correct, and recommend its approval by your Board.

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

Adjourned.

E. SNYDER,

Secretary.

S. M. MILLARD,

President.