

MEETING OF MARCH 13, 1888.

The Board met at the University parlor, at 4:30 p. m., March 13, 1888.

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

Absent—Governor Oglesby, Trustees Dysart, Clemens, and Cobb.

The approval of the record of the December meeting was postponed.

The Board then proceeded to the election of officers. The following were elected for one year. S. M. Millard, President of the Board. Executive Committee: S. M. Millard (ex-officio), E. Cobb, and C. Bennett. The election of Secretaries was deferred to the June meeting.

The Regent then read the following report, which was received for further consideration:

[The first part of this report is inserted with the University Reports which appear in later pages of this volume.]

FINANCES.

The facts concerning the funds of the University, their investment, proceeds, and the estimates of income and expenses, you will learn from the reports of the Treasurer and Business Agent. I have endeavored to call upon you for no expenditures that did not seem imperatively needed, knowing that our funds for general purposes are always much less than the claims upon them.

The last report on the sale of Nebraska lands was made one year ago. Since then the following sales have been made:

55. L. L. Ruyle, N. E. $\frac{1}{4}$, 27-3-8, 160 acres, \$1,600.	Cash received.....	\$400
56. " " S. E. $\frac{1}{4}$, 27-3-8, 160 acres, 2,000.	" "	500
		\$900

The whole number of acres sold in Nebraska is	8,725.40
Number of acres yet for sale.....	609.69
The total price of land sold is.....	\$113,720.94

The times still remain unfavorable for those who have settled upon their purchases and seek to make their payments from the harvests that they can gather. Payments of interest have been very well kept up, and, for the most part, those of principal have been met as they have fallen due. Some applications for extension of time for payment of principal have been made, and they have always been cordially granted.

It gives me pleasure to be able to report that the interest bearing capital of the University is now over \$450,000. This sum will be materially increased when the time comes for the sale of the lands in Minnesota, but that time does not yet appear to have arrived.

The balance sheets for the several departments that are transacting business operations in connection with their educational work are herewith given. These departments are the agricultural, the horticultural, the chemical, and the mechanical shops.

The agricultural and chemical show gains, the horticultural and mechanical losses. The deficiency in the shops is largest, as a little reflection would lead one to suppose. Both of the shops have earned something, and the deficit has been thereby reduced. But it also appears that one hundred and thirty students have been instructed and that everything, including tools, power and material, has been furnished them. As the number of students increases the cost of their shop-training will continue to increase. This, as the figures show, is becoming a serious matter, and it may become a question whether these students should not pay something for the power and material they use. The total balance against the shops is \$1,070. If the one hundred and thirty students had paid say \$5 per term for two terms work each, it would have yielded \$1,040.

It will be objected to this that the State makes an appropriation of \$1,500 per annum for the support of the shops and instruction therein. But careful estimates, distinguishing between the instructional and the commercial work of the shops, show that the cost of instruction, tools, material and power for students' benefit solely, is from \$3,000 to \$3,500 per annum—a cost which, as was before suggested, is constantly increasing.

In this connection I have to request that authority may be given to Professor Woods to build by class work an engine lathe, and to use as may be required \$200 for that purpose. Also, to spend \$30 at once for necessary cutters for the milling machine.

Also, that \$30 be appropriated to carry water across from the machine shops to the carpenter's shop, and thence up to the gymnasium.

I present the following request for appropriations:

From the State fund for apparatus and material:

For an additional case in Professor Ricker's room.....	\$45 00
For continuing his collection of architectural designs.....	100 00
For a Thatcher's Calculating Machine for the engineering college.....	32 00

From the State fund for cabinets:

For additions to the collection in mineralogy.....	42 00
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and that authority be given to the Regent and the Professor of Zoölogy to use the balance of that fund belonging to the current year for such purposes in connection with the museum as may seem to them needful.

From the State appropriation for buildings and grounds:

For painting fence on the west side of old campus.....	\$50 00
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And that the superintendent of grounds, Professor Burrill, be authorized to expend \$300, on account of buildings and grounds, on the care and ornamentation of the University park during the season ending October 31.

That the Regent be authorized to use \$150 for the necessary expenses of commencement.

The usually quarterly report of Professor Morrow is presented herewith.

The full report of the Board of Direction of the Experiment Station will explain the plans and estimates which it will bring before you. It is assumed that the Station will take in charge and carry forward the strictly experimental work that the University has hitherto cared for. That the Station will occupy and use, under the sanction and approval of the Trustees, whatever of the University facilities can be of service. There will remain, however, after the annual wants of the Station have been provided for, the larger part of the land, to be administered in such way as may best yield profit to the treasury. To this end it may be wise to rent parts of the land from time to time. It would hardly be best to rent much of it for long periods, as the Station may need in the more perfect carrying on of its work, to vary its selections of lands from year to year. If the Station can retain the opportunity to use, as may be required, the largest variety of soil, condition, etc., it will be of obvious advantage. It will be necessary, therefore, that suitable, and to some degree, skilled labor, be still furnished to Professor Morrow, in order that he may not be too closely confined to the details of farm management. But these claims upon his time and thought can not be entirely dispensed with.

Authority to publish 6,000 catalogues is asked, at a cost not to exceed \$400.

All of which is respectfully submitted.

S. H. PEABODY, *Regent.*

BALANCE SHEET, AGRICULTURAL DEPARTMENT, DECEMBER 1, 1887.

<i>Credits:</i>		
Inventory, Dec. 1, 1887—		
Live stock	\$9,400 00	
Teams	1,250 00	
Machinery and tools	1,800 00	
Farm products	2,880 00	
Notes and credits	100 00	
		\$15,430 00
Sales—Live stock		
Hay and grain	\$4,345 31	
Miscellaneous	912 06	
	322 59	5,579 86
		\$21,009 86
<i>Debits:</i>		
Inventory, Dec. 1, 1886—		
Live stock	\$9,420 00	
Teams	1,200 00	
Machinery and tools	1,950 00	
Farm products	2,640 00	
Notes and credits	698 12	
		\$15,958 12
Paid for labor		
Stock	\$2,012 52	
Miscellaneous	1,589 75	
	578 62	4,180 69
		\$20,138 81
		871 05
		\$21,009 86
Balance in favor of department		

BALANCE SHEET, HORTICULTURAL DEPARTMENT, MARCH 1, 1888.

[Including care of University park.]

<i>Credits:</i>		
Work and materials for University	\$565 75	
Sales	744 27	
		\$1,310 02
<i>Debits:</i>		
Foreman	\$660 00	
Materials	319 22	
Labor	443 41	
		\$1,422 63
Balance against department		112 61
Appropriated for department	\$600 00	
Deduct balance against department	112 61	
		\$1,310 02
Appropriation not used	\$487 39	

BALANCE SHEET, CHEMICAL DEPARTMENT, MARCH 1, 1888.

<i>Credits:</i>		
State appropriations	\$650 00	
Receipts from students	1,067 14	
Furnished other departments	6 40	
		\$1,723 54
<i>Debits—</i>		
For chemicals and apparatus, permanent	\$217 18	
For chemicals and apparatus, current	715 75	
Repairs, freights and sundries	142 60	
Gas	258 00	
		\$1,333 53
Balance to credit of department		390 01
		\$1,723 54
Inventory, March 1, 1887	\$15,457 83	
Inventory, March 1, 1888	15,248 46	
		209 34
Decrease during year		180 64
Net balance for department		

BALANCE SHEET, MACHINE AND CARPENTER'S SHOPS, MARCH 1, 1888.

	Carpenter shop.	Machine shop.	
<i>Credits:</i>			
Work for University.....	\$1,854 89	\$759 15	
Work for other parties.....	277 80	28 34	
State appropriations.....	606 86	1,009 09	
	\$2,739 55		\$1,796 58
<i>Debits:</i>			
Materials and tools.....	\$1,037 54	\$323 24	
Labor.....	866 48	395 49	
Power.....	221 82	221 82	
Instruction.....	1,020 00	1,500 00	
	\$3,145 84		\$2,440 55
Balance against shop.....	406 29		643 97
	\$2,739 55		\$1,796 58
No. of different students taught during year.....	48		82
Inventory, Feb. 28, 1887.....	\$924 50	\$490 32	
Inventory, Feb. 28, 1888.....	1,043 10	343 58	
Gain.....	\$118 60		
Loss.....			\$146 74
Net balance against shop.....	\$287 69		\$790 71

GENERAL BALANCE SHEET.

	Loss.	Gain.
Agricultural department.....		\$871 05
Horticultural department.....	\$112 61	
Chemical department.....		180 64
Mechanical shops.....	1,070 40	
	\$1,184 01	\$1,051 69
Total balance against general fund.....		132 32
	\$1,184 01	\$1,184 01

INVENTORY OF THE PERSONAL PROPERTY OF THE UNIVERSITY OF ILLINOIS IN ITS VARIOUS DEPARTMENTS, MARCH 1, 1888.

	Articles enumerated.	Articles estimated.	Total.
Agricultural (Dec. 1, 1887).....	\$2,530 30	\$12,899 70	\$15,430 00
Architectural.....	4,083 95	1,043 10	5,127 05
Art and design.....	745 28		745 28
Art gallery.....	3,040 10		3,040 10
Botanical.....	3,022 85	918 75	3,941 50
Blue printing laboratory.....		100 00	100 00
Chemical.....	5,132 53	10,115 93	15,248 46
(Civil engineering.....	2,715 52	100 00	2,815 52
Library.....	34,480 00		34,480 00
Furniture.....		3,150 00	3,150 00
Heating apparatus.....		20,700 00	20,700 00
Military and gymnasium.....	7,748 25	251 75	8,000 00
Mining and engineering laboratory.....		904 08	904 08
Mechanical engineering.....	13,284 71	343 58	13,628 29
Museum of natural history.....	6,430 00		6,430 00
Museum of industrial art.....		4,900 00	4,900 00
Zoological museum.....		2,226 75	2,226 75
			\$140,867 13
Decuct that belonging to the United States.....			7,748 25
Total belonging to the University.....			\$133,118 88

The report from the department of agriculture was referred to the Farm Committee.

Adjourned to meet Wednesday at 8:30 a. m.

SECOND DAY'S SESSION.

The Board convened at 8:30 a. m.

Present: State Superintendent Edwards, Trustees Bennett, McKay, McLean, Millard, Pullen and Shawhan.

The following resolution of Trustee Bennett was unanimously adopted:

Resolved, That the request of C. M. Weed, to be relieved from his engagement with the Laboratory of Natural History, April 1, 1888, be granted; and that in releasing him from his engagement this Board desires to express its appreciation of the able and faithful manner in which he has discharged the duties of his position. He carries with him to his new field of labor the kindest wishes of every member of this board for a brilliant and successful career in his chosen vocation.

On recommendation from the Director of the Laboratory, Mr. John Marten was appointed assistant in entomology in the State Laboratory of Natural History, with a salary of \$800 per annum, *vice* Weed, resigned.

The Business Agent submitted the following report, which was received, and referred to the Auditing Committee:

S. M. Millard, Esq., President Board of Trustees University of Illinois:

Sir: I have the honor to present herewith my report as Business Agent for the three months ending February 29, 1888.

Paper A is a list of current appropriations, with receipts and expenditures under the same, for the six months ending February 29, 1888.

Paper B is a statement of the condition of the State appropriations February 29, 1888.

Paper C is a list of vouchers, 201 to 450, presented for auditing.

Paper D is an estimate of receipts and expenses for the six months ending September 1, 1888, from current funds.

Respectfully submitted,
S. W. SHATTUCK, *Business Agent.*

March 13, 1888.

STATE APPROPRIATIONS.

	Appropri'd.	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	1,790 74	\$209 26
Mechanical and architectural shops (½ per annum)	3,000 00	1,500 00	1,195 25	304 75
Books and publications (½ per annum)	3,000 00	1,500 00	514 57	985 43
Cabinets (½ per annum)	2,000 00	1,000 00	529 09	470 91
Expenses of instruction (½ per annum)	32,000 00	16,000 00	15,354 53	645 47
Apparatus and material (½ per annum)	3,000 00	1,500 00	896 13	603 87
Metallurgical laboratory (½ per annum)	4,000 00	2,000 00	1,095 92	904 08
Fire walls and ventilation	4,500 00	4,500 00	4,475 96	24 04
Total	\$59,000 00	\$31,461 69	\$27,313 88	\$4,147 81
Illinois State Laboratory of Natural History	16,325 00	9,390 71	4,950 48	4,440 23

CURRENT APPROPRIATIONS.

Six months ending Feb. 28, 1888.	Approp't'd.	Receipts also approp't'd.	Expended.	Balance.
Board expense.....	\$300 00		\$199 21	\$100 79
Salaries for Instruction } Current.....	21,560 00		7,424 01	886 89
} State.....			13,299 60	
Salaries for services.....	1,700 00		1,525 03	174 97
Buildings and grounds.....	50 00	190 32	131 37	108 95
Fuel and lights.....	2,000 00	62 94	1,647 17	415 77
Stationery and printing.....	435 00		431 78	3 22
Nebraska and Minnesota lands.....	25 00			25 00
Mechanical department.....	200 00	310 89	495 44	15 45
Architectural department.....	200 00	1,072 00	1,251 88	20 12
Agricultural department.....	400 00	3,067 21	1,707 49	1,759 73
Horticultural department.....	400 00	182 22	601 09	
Military department.....	50 00		48 37	1 63
Laboratories.....	200 00	706 15	447 44	458 71
Library and apparatus.....	50 00		31 07	18 93
Incidentals.....	286 99	14 21	216 73	84 47
SUNDRIES.				
Furniture and fixtures.....	50 00		26 45	23 55
Art department models.....	20 75		12 62	8 13
Water supply.....	200 00		200 00	
Boiler repairs.....	200 00		197 25	2 75
Fire apparatus.....	500 00		495 29	4 71
State Fair.....	38 15		38 15	
National Convention of Cattle Growers.....	40 00		12 00	28 00
Griggs farm.....		424 16		424 16
Premium on bonds.....	644 40		644 40	
Agricultural Experiment Station.....	30 00		30 00	
Music fees.....		70 00	70 00	
Preparatory year fees.....		1,100 00	979 98	130 02
University students' fees.....		5,525 00		5,525 00

Treasurer J. W. Bunn then read his report, which was received and referred to the Auditing Committee.

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

		<i>Dr.</i>	
1887.			
Dec.	13	To balance.....	\$17,969 27
		" interest on Sangamon county school bonds.....	42 00
1888.			
Jan.	2	To interest on Chicago water bonds.....	875 00
		" interest.....	1,820 00
Jan.	16	" interest on Champaign school bonds.....	360 00
Feb.	7	" interest on land contract No. 1, A. Hubka, \$64 + \$32.40.....	\$96 40
		" 2, J. T. Applegate.....	53 76
		" 3, J. H. Cummings.....	58 72
		" 5, S. D. Miller & D. C. Bashor.....	198 00
		" 6, G. Ladd, \$80 + \$1.32.....	81 32
		" 7, August Zahlten.....	40 00
		" 9, C. M. Dawson.....	144 00
		" 10, John W. Herbert.....	144 00
		" 11, Assignee of D. Richardson.....	120 00
		" 12, H. C. Kludas.....	120 00
		" 13, H. T. Willis & A. W. Mills.....	120 00
		" 14, W. L. Collins.....	120 00
		" 15, P. A. Moore.....	137 80
		" 16, Robert L. Gumare.....	48 00
		" 17,.....	72 00
		" 19, Lawrence Larson.....	144 00
		" 20, Christian Anderson.....	144 00
		" 21, Dennis Magner, \$96.65 + \$2.....	98 65
		" 22, H. H. Martin & J. F. Snyder.....	96 00
		" 26, M. R. O'Brien.....	113 75
		" 27, Amos L. Wright.....	120 00
		" 28,.....	120 00
		" 30, E. L. Baughman, \$120 + 53c.....	120 53

Treasurer's Report—Continued.

1888.					
Feb.	7	To interest on contract No. 31, John H. Hansen	\$120 00		
		" " " " " " 32, P.C.O'Brien,\$123.48 + \$10.39			
		" " " " " " + \$4.43.	138 30		
		" " " " " " 33, C. Hesse	134 40		
		" " " " " " 34, J. & H. J. Swoboda, \$112 + \$8	120 00		
		" " " " " " 35, John and Wm. Losey	96 00		
		" " " " " " 36, E. and E. O. Frothergill ..	120 00		
		" " " " " " 38, D. M. Gilmore.	120 00		
		" " " " " " 39, John E. Blickenstaff.	120 80		
		" " " " " " 41, S.S. Reynolds & A.L. French	120 00		
		" " " " " " 42, W.S. Morton & F. L. Marrs	120 00		
		" " " " " " 43, Samuel Cox.	67 20		
		" " " " " " 44, C. E. Baker.	67 20		
		" " " " " " 45, J. Blivens & R.J. Miller..	124 48		
		" " " " " " 46, J. M. Thomas.	60 00		
		" " " " " " 47, M. Hubka.	67 40		
		" " " " " " 48, J. K. Cullen.	96 00		
		" " " " " " 49, V. Hnizda.	59 20		
		" " " " " " 50, B. F. Hnizda	120 00		
		" " " " " " 51, J. Skubal & J. W. Hnizda	120 00		
		" " " " " " 52, J. W. Hnizda	96 00		
		" " " " " " 53, E. R. Fogg.	120 00		
		" " " " " " 54, B. F. Leiby.	120 30		
		" " " " " " 55, L. L. Ruyle.	23 47		
		" " " " " " 56, " "	29 33		
					\$4,831 01
Feb.	28	To amount received on account buildings and grounds.	\$165 32		\$25,897 28
		" " " " " " fuel and lights.	51 00		
		" " " " " " mechanical department	135 87		
		" " " " " " architectural department.	585 41		
		" " " " " " agricultural department.	925 24		
		" " " " " " horticultural department.	99 27		
		" " " " " " laboratories	606 15		
		" " " " " " Grigg's farm rent	104 16		
		" " " " " " University students' fees	2,500 00		
		" " " " " " preparatory year	503 00		
		" " " " " " music fees.	36 00		
		<i>Cr.</i>			5,708 42
Feb.	29	By amount paid on account Board expenses.	\$137 01		\$31,605 70
		" " " " " " salaries	4,569 42		
		" " " " " " buildings and grounds	103 10		
		" " " " " " fuel and lights	1,448 12		
		" " " " " " stationery and printing.	254 50		
		" " " " " " preparatory year	489 99		
		" " " " " " mechanical department.	204 81		
		" " " " " " architectural department.	746 54		
		" " " " " " agricultural department.	905 92		
		" " " " " " horticultural department.	270 10		
		" " " " " " military department.	25 00		
		" " " " " " laboratories	227 56		
		" " " " " " library and apparatus.	17 55		
		" " " " " " incidental expense.	129 65		
		" " " " " " furniture and fixtures.	10 70		
		" " " " " " art department—models.	5 90		
		" " " " " " water supply	100 00		
		" " " " " " boiler repairs	43 50		
		" " " " " " fire apparatus.	28 81		
		" " " " " " cattle growers' convention.	12 00		
		" " " " " " premium on bonds	644 40		
		" " " " " " agricultural experiment station.	30 00		
		" " " " " " music fees.	36 00		
		State appropriations—			911 31
Feb.	29	By amount paid on account buildings and grounds.	64 10		
		" " " " " " mechanical and architectural shops	482 59		
		" " " " " " books and publications.	49 44		
		" " " " " " cabinets.	275 35		
		" " " " " " expenses of instruction	6,649 80		
		" " " " " " apparatus and material.	623 17		
		" " " " " " metallurgical laboratory	966 72		
		" " " " " " fire walls and ventilation.	108 96		
		" " " " " " State laboratory of Natural History	1,954 46		
		Balance			11,179 59
					9,985 53
					\$31,605 70

The matter of examinations at commencement, laid over from last meeting, was postponed indefinitely.

The following resolution, offered by Trustee McLean, was adopted:

WHEREAS, The Treasurer of the United States has issued and forwarded to this Board a certain draft, No. 13,054, on Treasury Warrant No. 323, for the sum of \$7,500, payable to the Board of Trustees of the University of Illinois, for the use of the Agricultural Experiment Station of the University of Illinois; now therefore

Resolved, That the President of the Board of Trustees of said University be and he is hereby authorized to endorse said draft to the order of John W. Bunn, Treasurer of this Board, to be by him drawn and used for the purposes in said draft designated.

Resolved, That a certified copy of this resolution, under the seal of this Board, signed by the President and attested by the Secretary, accompany this draft.

The Farm Committee returned the report from the agricultural department with recommendation that it be filed. Approved.

The following general appropriations, from current funds, for the six months ending August 31, 1888, were made:

Board expenses.....	\$250 00	
Salaries for instructions.....	21,150 00	
Salaries for services.....	1,300 00	
Building and grounds.....	50 00	
Mechanical department.....	200 00	
Architectural.....	200 00	
Horticultural.....	200 00	
Agricultural.....	200 00	
Military.....	50 00	
Laboratories.....	200 00	
Fuel and lights.....	1,000 00	
Stationery and printing catalogue, etc.....	600 00	
Library and apparatus.....	50 00	
Incidental expenses.....	200 00	
		\$25,650 00
<i>Sundries.</i>		
Furniture and fixtures.....	\$50 00	
Water supply.....	200 00	
Anniversary expenses.....	50 00	
		\$300 00
		\$25,950 00

The following expenditures from State appropriations were authorized:

From State appropriation for apparatus and material:

For balance on piano for chapel.....	\$175 00
For case in Professor Ricker's room and continuation of collection of architectural designs.....	100 00
For Thatcher's calculating machine.....	32 00
For machine cutters for shops.....	30 00
For safe for Regent's office.....	250 00

From State appropriation for buildings and grounds:

For painting of fence.....	50 00
For care and improvements, University grounds.....	300 00

From State appropriation for cabinets:

For purchase of mineralogical specimens.....	42 00
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Authority was given to import chemicals and apparatus for ensuing year at cost not to exceed \$650.

The Regent and professor of zoölogy were authorized to expend the remainder of the State appropriation for cabinets in purchases of specimens and material.

The following special appropriations from current funds were also made:

For printing of catalogues.....	\$400 00
For commencement expenses	150 00
For certificates for accredited high schools.....	100 00
For Regent's traveling expenses.....	55 81

The Auditing Committee made the following report, which was received and approved.

Board of Trustees, University of Illinois:

Your committee respectfully report that they have examined the accounts and bills on which warrants, Nos. 201 to 450 (both inclusive) were drawn, and find the same correct as reported by the Business Agent. They have also examined the report of the Treasurer and find the same correct. We recommend that the same be filed.

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

The regular appropriation for the ensuing quarter for the Laboratory of Natural History, \$450, was granted.

The Farm Committee was instructed to collect or secure the rent now due for the Griggs farm, or declare the lease forfeited.

Adjourned to meet at Chicago, in the Grand Pacific Hotel, on Wednesday, March 21, 1888, at 10 o'clock a. m.

S. M. MILLARD, *President.*

E. SNYDER, *Secretary.*