

## BOARD MEETING, MARCH 8, 1881.

The Board met in the University parlor, at 4 o'clock P. M.

Present—Messrs. Cobb, Gardner, Fountain, Scott and Mason.

Absent—Governor Cullom, Messrs. Bird, McLean and Millard.

A telegram from Mr. McLean stated that he was detained by the heavy snow storm.

The record of the last meeting was read and approved.

The election of officers was, on motion of Mr. Scott, postponed until March 9th, 1881, at 10 o'clock A. M.

Mr. Scott made the following report as Chairman of Farm Committee, in regard to accurate inventory of the University farm. It was received and placed on file:

*To the Board of Trustees of the Illinois Industrial University:*

In accordance with instruction your committee has made appraisal of teams, tools, and salable property on the University farms, giving the value December 1, 1880 as nearly as possible.

The teams (10 work horses), implements and machinery have been valued at \$2500. This is, approximately, a reduction of 10 per cent from the valuation made by Mr. Lawrence in his report as Head Farmer. The valuation of several items of salable property is the same as made by Mr. Lawrence. The estimates and weighings made by him in harvesting the hay and corn crops have necessarily been taken as the basis for determining quantities on hand. The principal reduction made is in the valuation of the Short Horn and Jersey cattle. For some years these cattle have not been revalued, the yearly inventory showing estimated cost, purchase price, food, care, etc., reduced by amount of sales. Your committee give the present value of this stock at \$2690.

The value of all the salable property is made \$9,128.79. Adding \$2,500, the value of teams and tools, gives \$11,628.79 as the value of all the property on the farms. The reduction from the inventory made by Mr. Lawrence is \$2,599.20. The following summary gives, in general, the nature of the property. An inventory in detail accompanies this report.

## SUMMARY.

Corn, 5700 bushels.....	\$2,015 75
Hay, 145 tons.....	1,200 00
Straw, corn-stalks, beets, etc.....	470 00
Potatoes, oats and artichokes.....	42 50
Growing wheat and rye, 32 acres.....	92 50
Cattle, Short-horns 22 head.....	2,160 00
Cattle, Jerseys 8.....	530 00
Cattle, grade cattle 65.....	1,728 65
Swine, hogs and pigs 77 head.....	511 00
Colts, 4 head.....	280 00
Cider and barrels.....	73 00
Accounts, etc.....	25 39
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Teams and implements.....	\$9,128 79
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Total farm property.....	\$11,628 79

JAS. R. SCOTT,  
T. T. FOUNTAIN,  
S. M. MILLARD.  
*Committee.*

Mr. Gardner presented the following report from the committee on Organization of Military Department; it was received and its recommendations adopted.

*To the Trustees of the Illinois Industrial University:*

The committee to whom were referred the communications of Prof. Wood, Professor of Military Science, made at your last meeting, have considered the subject, and ask leave to report the following Regulations for the Military Department.

- All male students of the University are required to drill except:
  - Those who present certificates of disability, signed by a physician who shall be duly appointed Medical Inspector for the Battalion.
  - Special students in Agriculture who attend for the winter term only.
  - Students in full standing in the Senior class.
  - Students excused by the Faculty on account of special service for the University.
- Students who are required to drill must procure the uniform cap when they enter the University. They must provide the full uniform required by regulation by the beginning of their second term's residence at the University.
- A student may be admitted to the military class, or may be assigned to official duty in the Battalion, upon the conditions following, viz:
  - He must have finished the studies of his course, or allowed equivalents, up to the time of such admission or assignments.
  - He must have at that time, and must continue to maintain, such standing in other University studies, as will permit him to take a fourth study.
  - He must have and must continue to maintain a good reputation as a scholar, a gentleman, and a loyal, faithful and orderly student.
  - Freshmen may enter the military class at the beginning of the Spring term; they may be appointed corporals.
  - Sophomores may be appointed sergeants, Juniors may be appointed captains and lieutenants.
- All appointments or admissions provided for in Rule 3, shall be made by the Professor of Military Science, subject to the approval of the Faculty; and the Professor, with the consent of the Faculty, may relieve any officer of the Battalion, or may dismiss when the good of the service may require it. In an emergency students may be appointed to commands other than those specified in Rule 3.
- A suitable number of students, not to exceed fifteen, may be assigned by the Professor of Military Science to be musicians. So long as they perform satisfactorily the duties of musicians they shall be exempt from other military duty.
- During the Spring term the Faculty shall appoint a committee who shall examine candidates for nomination to the Governor of the State to receive commissions in the State militia. This examination shall be upon the theoretical studies pursued in the military classes, and in the practical work of the parade ground, taught at this University. Candidates for this examination must be members of the Senior class, in full standing at the time thereof; must have completed the course of military studies; must have served three terms in command in the battalion as captains or lieutenants, and must be approved by the Faculty as having good reputation as officers, scholars, and gentlemen. Those who pass the examination with a standing of 80 per cent. shall be nominated for commissions as aforesaid.

7. The conditions of Rule 6 shall apply to the students of the class of 1881, except that no more than one term of service as captain or lieutenant will be required.

The class of 1882 remain excused from drill during the remainder of the current college year.

The foregoing report is respectfully submitted.

S. H. BEABODY,  
E. SNYDER,  
WM. T. WOOD,  
*Committee.*

Recess taken till 7.30 P. M.

EVENING SESSION.

The Board met on time. Present as before. The Regent read his report, which was received.

*To the Trustees of the Illinois Industrial University:*

I have the honor to report upon the work of the University for the second quarter of the current year, as follows:

The attendance and the interest in scholarly attainment is steadily preserved. The number of students is	Males	Females.	Total.
For winter term.....	261	76	337
For the year.....	297	82	379
The number of classes is 57.			
Their aggregate membership is.....	865	249	1114

A detailed statement is presented herewith.

THE SPRINGFIELD EXHIBIT.

At the end of the fall term two car loads of material, including cases and fittings, were sent to Springfield, and the articles were arranged in the Art Gallery of the State House. The spacious apartment was very effectively filled, while space was left for the accommodation of the committees of the Senate accustomed to meet in the room. The display consists wholly of students' work in the departments of Agriculture and Horticulture, Civil and Mechanical Engineering, Architecture, Chemistry, Natural History, and Art and Design.

It has attracted much attention, and has received abundant praise from State officers, the members of the Senate and Assembly, the members of the State Teacher's Association, the public press, and the public generally. A neat catalogue has been printed, which with the circular of the University is kept constantly in supply for the information of visitors. It is believed that this exhibit will prove of great value to the University, as showing to the Legislature and to the public the extent, the variety, and the excellence of the practical work done in our various departments. An appropriation will be needed to bring the material home.

APPROPRIATIONS.

In accordance with your instructions, and with the advice of the Executive Committee, a bill was prepared and presented to both branches of the Assembly, asking appropriations for the coming two years, as follows:

For taxes on lands in Minnesota and Nebraska.....		\$2,500 per an.
For buildings and grounds.....		2,500 "
For books and periodicals.....		1,500 "
For machine shops.....		1,500 "
For laboratories.....		1,500 "
For collections in Natural History.....		1,000 "
For library cases.....		1,000 "
For current expenses of instruction.....		10,000 "
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		\$21,500 per year.
For boiler house and chimney.....	\$5,500	
For repairs in heating and ventilation.....	4,000	
For cottage and dairy house.....	1,500	
For engineering instruments.....	1,000	
Total amounts for two years.....		<hr/>
		\$21,000
		<hr/>
		\$55,000

The bill has been favorably received by the committees of the House and Senate, and has a fair prospect of ultimate success.

THE AGRICULTURAL INSTITUTE

Was held, as heretofore, during the last week in January. The work was done by the instructors in the University, aided by the President of the State Board of Agriculture and the State Entomologist. The time devoted to the meetings was shorter, and the attendance less than on previous years; yet the interest was sustained and the general results satisfactory.

## THE FARM.

The inclement winter has prevented any work on the farm other than the care of stock. Prof. Morrow, under the authority given by you at your last meeting, has engaged the services of Mr. T. F. Hunt as foreman of the farm, at \$30 per month, to begin at the close of the present term. You are asked to confirm this appointment. For detail of work, as proposed by Prof. Morrow, and other suggestions concerning the farm, I refer you to his report herewith presented.

The list of accredited schools still increases. Five names have been added this term, and the Regent is under engagement to visit several others as soon as the nature of his duties will permit.

Miss Jennie C. Mahan resigned her position as instructor of instrumental music, at the end of last term. By authority of the Executive Committee, Mrs. C. E. Maltby, of Champaign, well and widely known as a successful teacher, was appointed to fill the vacancy for the rest of the current year.

The class in Calisthenics has been efficiently taught by Mrs. Scovell; while there is sufficient interest among the pupils, parents are continually demanding the withdrawal of their daughters from this exercise. I recommend that it be discontinued during the remainder of the current college year.

## THE CATALOGUE.

The time approaches for the issue of the annual catalogue. I request that authority may be given to issue an edition, corrected to conform to existing regulations, to consist of 5,000 copies.

I transmit the reports of Prof. Burrill upon the Horticultural and Botanical work, and ask attention to the recommendations which he makes.

In addition to the general appropriations for the next six months, which are presented in the schedule of the Business Agent, I recommend the following special items:

## From State appropriations for Cabinets:

For the Botanical Cabinet.....	\$25 00	
For the Natural History Museum (balance).....	206 12	\$231 12

## From State appropriations for Laboratories:

For microscope stands and section cutter.....	\$105 00	
For Chemical Laboratory, as per schedule of Prof. Weber.....	191 90	
For Physical Laboratory—for apparatus (balance).....	407 96	704 86
For repairs of Astronomical Transit.....	\$12 00	
For transfer of models from Arch. shop to dept of Civil Engineering.....	25 00	
For expenses of examining schools.....	50 00	
For books, periodicals and binding, the balance of State appropriations.....	575 02	
For expenses of bringing home Springfield exhibit.....	150 00	
For telegraph for signal station (before appropriated but not expended).....	25 00	
For engineering printing.....	10 00	

Respectfully submitted,

S. H. PEABODY,

Regent, *pro tempore*.

ILLINOIS INDUSTRIAL UNIVERSITY,  
COLLEGE OF AGRICULTURE, March 3, 1881.

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

SIR: During the term now in progress, the classes taught we have numbered 7 in Rural Economy and 13 in Animal Husbandry.

In interest manifested and work done these classes compare well with those of former years. It is worthy of notice that among the best students are some who are here for the Farmers' Course, or even for but a single term of this.

The Agricultural Institute held in January last was one of the most valuable yet held, but owing to various causes the attendance was smaller than in former years. These annual meetings I believe fully repay their cost. Some of the lectures given have attracted considerable attention.

During the quarter I have attended and delivered lectures before two meetings of Agricultural Associations. Such work I have found helpful to the Agricultural Department of the University.

The weather has been such that little work has been done on the farms aside from the care of the stock. The farm teams have, however, drawn most of the coal used at the University during the winter.

The live-stock on the farms is in good health and condition, especially in consideration of the fact that there is not sufficient stable or shed room to give shelter to all. It is hoped this may be provided before another winter. Some sales of stock have been made at remunerative prices. Three old and inferior horses have been sold. It is expected to replace them with young mares of superior quality suitable both for the farm work and for breeding purposes. So far as has been practicable, I have consulted yourself or the Chairman of the Farm Committee in regard to sales and purchases.

After consultation with Mr. Scott and yourself I have engaged T. F. Hunt, a special Agricultural student, to act as Foreman and Assistant on the Farm, to commence work at the close of the present term. Mr. Hunt is young, but is well informed and experienced in practical farm work. As he is desirous of continuing his practical studies in general and experimental work he is well content to receive barely more than the wages of a common laborer, or \$30 per month.

The farm laborers who gave good satisfaction last year have been re-engaged for this season.

If it is practicable to have any definite action taken in regard to erecting a Laborer's Cottage, in advance of the Legislative action as to appropriations, it is very desirable that arrangements be made. One of the farm laborers is temporarily occupying the "Farm House" assigned for my use, and is boarding the other laborers employed on the Experimental farm. It is desirable that this man should be as near the barns as is practicable, yet it will be highly inconvenient unless I can reside on the farm. This man formerly occupied rooms in one of the small dormitories. This arrangement is undesirable, except in a case of necessity.

It would be desirable to have the dairy house this spring, but this can be dispensed with until next fall.

Some embarrassment is felt in making plans as to the growth of sorghum, owing to the fact that an appropriation has been asked from the Legislature, and parties interested, to enable the University to carry out some more costly experiments than would be practicable with the funds now available. The quantity of cane to be grown will depend on the granting or refusal of this appropriation.

The following work is proposed for the early spring, aside from the ordinary routine work of the farms:

1. Placing the hedges and other fences in thorough repair.
2. The thinning and the trimming of the rows of trees bordering the Experimental Farm.
3. Enclosing a plat of seven acres on west side of roadway leading from Main Building to Farm House, and division of field of eighty acres in front of house on Stock Farm into equal parts, by fence along roadway to house.
4. Planting a row of trees on each side of roadway last named, and a few clumps of trees in the field in front of Stock Farm Buildings.

Trees for shade and ornament should also be planted in a number of places on each farm.

5. Building piggery, etc., Experimental Farm, authorized at former meeting.
6. Building tight board fence enclosing yard, to eastward of Experimental Farm Barn, with shed on north side. Also, resetting fences and narrowing lots about this barn.

It is expected we will be able to do more field experimental work than for several years past.

I would be gratified to have members of the Board visit the farm at their convenience.

Respectfully submitted,  
G. E. MORROW,  
*Prof. Agriculture.*

The Board proceeded to consider the recommendations contained in the Regent's report.

The action of Prof. Morrow in regard to the Foreman of the Farm, was approved.

The Regent's recommendation in regard to Calisthenic exercises, was approved.

The matter of the catalogue was referred to a committee consisting of the Regent, Messrs. Scott and Gardner.

Sixty dollars were appropriated for the purchase of gates, under direction of Prof. Burrill and Business Agent.

The following assignments from State appropriations were made: Botanical Cabinet, \$25; Natural History Museum, \$206.12; Microscope and Section Cutter, \$105; Chemical Laboratory, \$191.90; Physical Laboratory, \$407.96; Books and publications, \$575.

The following appropriations from current funds were made: Repair of Astronomical Transit, \$12; Models for Civil Engineering Department, \$25; expenses in visiting schools, \$50; expenses of Springfield exhibition, \$150; Blue Printing for Engineering Department, \$10.

The Treasurer then read his report, which was received, and presented warrants for two years, which were referred to Messrs. Fountain and Mason for audit:

## ILLINOIS INDUSTRIAL UNIVERSITY.

To JOHN W. BUNN, *Treasurer.*

		Cr.	
1880.	Dec. 18.....	By balance.....	\$9,343 88
1881.	Jan. 1.....	By interest on \$27,000.....	1,080 00
		interest on Chicago 7 per cent. water bonds.....	875 00
		interest on Champaign county bonds.....	4,600 00
		interest on Leib's note.....	300 00
Feb. 29.....		amount received on account Architectural Department.....	\$398 32
		Agricultural.....	704 25
		Horticultural.....	147 67
		Mechanical.....	578 89
		Chemical.....	706 46
		Military.....	7 50
		Buildings and grounds.....	85 79
		Fuel and light.....	106 22
		Library and apparatus.....	60
		Fees.....	2,536 25
		Tuition in Prept'y Dept.....	639 00
		Illinois C. R. R. donation.....	951 15
			6,862 10
			\$23,060 98

## ILLINOIS INDUSTRIAL UNIVERSITY.

To JOHN W. BUNN, *Treasurer.*

		Dr.	
1881.	Feb. 28.....	To amount paid Salaries.....	\$6,922 78
		Board expense.....	276 81
		on account Buildings and grounds.....	50 00
		Fuel and lights.....	1,774 75
		Stationery and printing.....	108 16
		Furniture and fixtures.....	12 51
		Mechanical department.....	585 85
		Architectural.....	531 32
		Agricultural.....	1,245 72
		Horticultural.....	85 85
		Chemical.....	107 15
		Military.....	24 33
		Library and apparatus.....	24 80
		Incidental expenses.....	65 61
		Preparatory department.....	\$455 00
		Springfield exhibit.....	488 58
		Physical laboratory.....	3 00
		Cabinets.....	4 15
		Examining schools.....	10 08
		Agricultural institute.....	18 25
		State appropriations:	
		Cabinets.....	\$73 36
		Heating.....	2 57
		Ventilation and W. C.....	104 99
		Buildings and grounds.....	546 89
		Mech. and Arch. shops.....	330 00
		Chem. and Phy. Laboratories.....	557 00
		Books and publications.....	209 57
		Balance.....	1,824 38
			8,441 90
			\$23,060 98

URBANA, March 8, 1881.

Adjourned to 8:30 A. M.

JOHN W. BUNN, *Treasurer.*