
JULY 11, 1873.

The Board assembled as per adjournment.

The oath of office was administered to Alexander Blackburn by Judge J. H. Hesse, and subscribed to by him.

The Regent's report was taken up.

Mr. F. A. Parsons was continued as assistant in the office.

Mr. D. Gardner and the Regent were appointed a committee to have the roof of the Drill Hall repaired and painted, and a sum not to exceed \$150 was appropriated for the purpose.

The Regent, Messrs. Sabin and Gardner were appointed to make the purchases under and within the limits of the State appropriation for furniture and fixtures.

The following communication from Prof. Robinson was read :

To the Regent and Executive Committee :

GENTLEMEN : In compliance with a request of the Regent, Dr. Gregory, I have written to Professors in charge of Physical Laboratories, and obtained their replies, which I submit with this communication.

These laboratories are the leading ones in the country. The advice obtained is that we procure our apparatus from certain celebrated manufacturers in Europe and this country, and construct many of the simpler models at our Mechanical Laboratory. They also advise that some one visit their laboratories, to profit by their experience.

Please allow me to submit to you the question of our undertaking such manufacture this coming vacation, which may undoubtedly be done, especially after a visit to one or more of the laboratories.

I also accompany this by two new elementary treatises on Physical Laboratory Practice, that you may see that some of the apparatus is very simple, and could undoubtedly be made by us. I recommend the following apparatus for purchase: A good Microscope, with Polarescope attachment; a Spectroscope, of Browning, of London; an Optical Circle, (see Jannin's *Physique*, Vol. III, Pl. 3, pp. 677 and 680); a Cathetometer and Photometer; Apparatus on Heat, for illustrating Regnant's Experiments on Heat, of Salleson, of Paris; a Galvenometer and set of Resistance Coils, of Elliott Bros., London; a Thermomultiplier and Ruhmkorff's Coil; a DuBose's Lantern, of Hawkins & Wells, of Hoboken, N. J.

I cannot too strongly call attention to the advice of the letters, that we make as much of the apparatus ourselves in our Mechanical Laboratory as we can. I have not yet had opportunity to learn the prices of the instruments named above.

Letters from Professors Heinrichs, Mayo and Pickering.

Yours, truly,

S. W. ROBINSON.

The following resolution, offered by Judge Brown, was passed :

Resolved, That the Regent, now in Europe, be and is hereby authorized to purchase, to an extent not exceeding \$1,000, such apparatus for the Physical Laboratory of the University as he may deem essential, and as can be had there at advantageous prices, and that the sum of \$1,000 be placed to his credit in the bank of D. Gardner & Co. for this purpose.

On motion, the Board dispensed with the services of Mr. J. Mann as Superintendent of Building.

The following resolutions were offered and passed :

Resolved, That Prof. Shattuck be appointed Superintendent of the work on the new building and grounds, and he is authorized and required to have drains laid for carrying off the rain water from the house, and sewerage from the privies; and he shall also have charge of the grading and road-making on said grounds, and for every day employed in this work he shall receive a compensation of five dollars per day.

Resolved, That the sum of \$500 be appropriated for the labor and material necessary for constructing the drains referred to in the foregoing resolution.

Resolved, That Mr. Gardner be appointed a sub-committee of the Board to advise with Prof. Shattuck in the manner of constructing the drains and performing the work aforesaid.

The President and the Regent were authorized to engage a Professor of Agriculture.

The following communication from Prof. Stewart, of the Chemical Department, was read :

To the Executive Committee of the University :

DEAR SIRS : The undersigned respectfully asks your honorable body to consider the following requests, and, if consistent with your judgment, to grant the same :

1st. That the Chemical Laboratory remain where it is until a new building shall be erected especially for the Chemical Department. The reasons therefor can be given in full, if desired.

2d. That the Professor in charge be authorized to appoint his assistants, and to discharge the same when found to be inefficient. Experience has taught the advisability of this measure. Of course it is understood that the amount appropriated by the Board for assistants is in no case to be exceeded.

3d. That the Professor in charge be authorized to issue orders as formerly for the ordinary supplies of the Department, said supplies to be paid for out of the proceeds of the Laboratory.

The undersigned claims that if the Department is made self-sustaining, as it has been thus far, it is justly entitled to all its proceeds, and that these proceeds should be available whenever needed. When, therefore, these proceeds pass into the hands of the Treasurer, the undersigned asks that the Chemical Department be credited with them, and that he be authorized to draw on such fund, through the proper officials, whenever the needs of the Laboratory shall require. It is simply the old system of orders that is asked. It worked so well in the Chemical Department that its disuse has always been a source of regret.

In preferring the above requests, particularly the last two, the undersigned begs leave to say that they are nothing more than what is accorded to men in similar positions in other institutions. At Cambridge, or at Ann Arbor, as also in the German Universities, these privileges are accorded to the heads of departments. Hoping this may not seem unreasonable to you, the undersigned begs leave to submit the same to your consideration.

Very respectfully,

A. P. S. STEWART.

On motion of Mr. Sabin, it was resolved that the Chemical Department remain in the old University building until further ordered.

The following resolution, offered by Mr. Blackburn, was passed :

Resolved, That the Professor of Chemistry be authorized to appoint his assistants, subject to the approval of the Faculty.

On motion of Mr. Gardner, the Professor of Chemistry was authorized to issue orders as formerly for the supplies, to be paid for out of the proceeds of the Laboratory.

On motion of Mr. Blackburn, an appropriation of \$30 was made for a fruit drier for the Horticultural Department.

On motion, the repairs of the green house were referred to the Regent and Mr. Gardner, with power to act.

On motion of Mr. Blackburn, it was resolved that the Governor be requested to issue commissions in the Illinois State militia to Capt. E. Snyder as Colonel, and to Edgar L. Hill, of Watson, and Franklin C. Platt, of Warren, graduates of this year, as Captains.

On motion of Mr. Sabin, it was resolved that the following communication from Prof. Snyder, in relation to arms, be approved, and the Governor requested to furnish such arms :

PROF. S. W. SHATTUCK, *Regent pro. tem.*:

DEAR SIR: I herewith submit to you the following requisition for arms, etc., stating that the articles asked for are very much needed for the efficiency and advancement of instruction in the Military Department: 100 breech-loading rifle muskets and accoutrements; 4,000 rounds of ammunition for target practice; 50 non-commissioned officers' swords and belts; 2 light steel cannon, complete, for artillery practice, with a supply of ammunition.

Very respectfully,

E. SNYDER,
Captain in charge.

Mr. Lawrence's communication in reference to feeding experiments was deferred.

Assessment for sidewalk on Green street, and road or walk from Springfield road to Green street, referred to Regent and Mr. Gardner, with instruction to report at next meeting on cost and kind of sidewalk.

On motion of Mr. Sabin, it was voted that the County Teachers' Institute be permitted to hold sessions in Chapel.

The Governor, being obliged to depart, made a short address to the Board, expressing his satisfaction with the state of the Institution, and his confidence in the ability of the Board to successfully manage its affairs.

The appropriations for the next fiscal year were regulated as follows :

ESTIMATE OF RECEIPTS TO FEBRUARY 23, 1874.

Balance on hand.....	\$8,479 93
Interest on Sangamon county bonds.....	2,250 00
Interest on Chicago water bonds.....	875 00
Interest on Illinois six per cent bonds.....	930 00
From State appropriation for taxes.....	2,660 00
Fees.....	4,000 00
Sales from farm.....	1,500 00
Sales from Horticultural department.....	1,200 00
State appropriation for experiments.....	750 00
Rents of land and interest.....	4,000 00
	\$26,644 93

Appropriated as follows :

Board expense.....	\$500 00
Salaries—Regent.....	\$2,333 33
Eight Professors.....	8,000 00
Corresponding Secretary.....	500 00
Treasurer.....	500 00
Instructor in Architecture.....	600 00
Instructor in Veterinary.....	500 00
Assistants in Chemical Laboratory.....	720 00
Assistants in Languages.....	450 00
Assistants in Civil and Mechanical Engineering.....	450 00
Com. department and clerk services.....	600 00
Teacher in free hand drawing.....	260 00
Library assistants.....	450 00
Math. and other assistants.....	450 00
	15,813 33
Fuel and lights.....	750 00
Building and grounds.....	1,500 00
Incidental expenses.....	1,200 00
Stationery and printing.....	500 00
Chemical and mining apparatus.....	3,000 00
Library and cabinet.....	750 00
Military department and gymnasium.....	150 00
Total.....	\$24,163 33

The President was ordered to draw the State appropriations for taxes and agricultural experiments.

The following resolution was adopted :

Resolved, That, considering the state of the finances of the University, we deem it inexpedient to continue a full Professorship of Ancient Languages, and instead of that an assistant should be employed for teaching those languages.

Mr. Sabin moved that the President and Regent be appointed a committee to procure a Professor of English Language and Literature. Carried.

On motion, it was decided that when the adjournment be made, it be to Thursday, August 14, 1873, at 3 o'clock P. M.

The communication from Mr. Lawrence was taken up.

Mr. Lawrence requested authority to make experiments in feeding cattle and hogs, to ascertain whether or not it will pay to feed on grain, during the summer months, cattle designed for the market while on good pasture lands. He also asked to be authorized to expend about \$150 in making light fences, six feet high, about the farm yards.

The following, in reference to Mr. Lawrence's report, was adopted :

Resolved, That the head farmer be authorized to make any experiments, with the consent of Mr. Gardner, that the funds of the farm will justify.

Engineering instruments were ordered repaired at an expense not to exceed \$50.

Mr. Gardner and the Regent were appointed a committee to attend to and report on the suits pending against the University.

Adjourned.

AUGUST 14, 1873.

The Board assembled in the University building at 4 P. M.

Present—Messrs. Blackburn, Byrd, Brown, Mason, Pickrell, Sabin, Slade.

President Cobb in the chair.

Absent—Gov. Beveridge, Messrs. Reynolds and Gardner.

The reading of the minutes of the last meeting were dispensed with.

The report of the Recording Secretary, showing collections and expenditures from last meeting to date, was read and approved.

Collections as follows for the month of July to date :

From farm sales.....	\$1,135 14
“ sales from experimental farm.....	106 95
“ sales from horticultural department.....	216 46
“ sales of catalogues, etc.....	20 15
“ carpenter department.....	76 45
“ mechanical department.....	28 02
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	\$1,583 17