
DECEMBER MEETING, 1871.

The Committee assembled at the Regent's office, Wednesday, December 6th, at 3½ P. M., Dr. Gregory in the chair.

Present—Messrs. Cunningham, Goltra, Griggs, Pearson, Pickrell and the Regent.

Absent—Messrs. Brown, Cobb and Lawrence.

On motion, the Committee took a recess till 5 P. M., to inspect the farm, orchards and shops.

The Committee met at the appointed hour. The reading of the minutes of the last meetings dispensed with.

The report of the Book-keeper, statement of expenditures to date, collections for the Treasurer, and his account for petty expenses for the month of November, 1871, from contingent fund, were read, and the latter audited and allowed.

An account of Prof. E. Snyder, for traveling expenses on University business, for \$20.50, was audited and paid.

The bills presented for payment were audited and allowed.

The Committee took a recess, to assemble at 9 P. M.

EVENING SESSION.

The Committee met, according to adjournment.

The following bills, payable from the State appropriations, were then drawn, and vouchers for the same drawn and signed :

E. F. Gehlman, for University main building, labor and material.....	\$6, 214 00
S. W. Shattuck, sundry bills for main University building.....	20 06
Johnston Bros., Mechanical shop, fire brick and clay for boiler.....	36 50
Northern Manufacturing Co., for Machine shop, pipes and valves.....	19 92
Jones & Laughlin, for Mechanical shop, shafts, couplings, hangers, pulleys.....	226 58

On motion, Messrs. J. H. Pickrell and J. M. Pearson were appointed a committee to select and purchase such machinery as may be necessary for steaming and cutting feed on stock farm.

The Regent, Dr. J. M. Gregory, then read the following report:

In addition to the usual business of the monthly meeting, there are several items which will demand your attention. First. The Mechanical building is now finished, and the steam engine, manufactured by the students, is being set up. Work benches have been provided in both the Machine and Wood-working shops, and the time seems favorable for the inauguration of some more definite plan for the arrangement of these shops. Their chief design, it must be remembered, is to afford such illustrations of shop practice as will give to the students of Mechanical Engineering a better comprehension of the theories, and a mastery of the practical application of their studies. But to keep the shops in operation for these purposes there must be tools, materials, and useful work to be done. To supply these will cost a large and constant expenditure, which should be met by the value of the articles manufactured.

The Machine shop, which has had much of the personal attention of Prof. Robinson, and of a skillful foreman, has found an abundant demand for its work, in the manufacture of apparatus for the University, and of various pieces of machinery, patterns, models, etc., for other parties. It has fully paid expenses.

The Wood-working shop has been chiefly employed in providing and repairing buildings, fences walks, furniture and fittings for the several departments of the University. It is believed to have fully paid its way till the present time. It has been, for the last six months, under the supervision of a skillful student, a former proprietor of a shop.

The smallness of our shops has hitherto forbidden the admission of many students who have desired employment in them. The spacious extent of the new shops will enable us to give employment to much larger numbers, and will involve, of course, much larger risks and expenditures.

The Machine shop may still remain under the personal supervision of Prof. Robinson and his foreman; but there is an immediate need of a competent foreman, who will give all his personal attention to the Wood-working shops the whole time, the present foreman being engaged in his studies, and unable to give the necessary amount of time to superintend properly the enlarged operations now contemplated. It is recommended that a man of the necessary skill be employed as foreman, under the same general conditions as those adopted in the employment of the foreman on the Stock farm, viz: the payment of a maximum salary, without contingency, and of a maximum salary, conditioned on the net income of the shop. Some inquiry has been made for a suitable candidate, and the name of one who is believed to be well fitted to this place will be laid before you.

I have also to report for examination and approval the book purchase made during last summer and autumn. By a vote taken last March the Regent was authorized to expend the library fund for books, apparatus, etc. Lists of books wanted for the several departments of science and art were prepared by the members of the Faculty in charge, and measures taken to procure them. To obtain the American books, I visited Chicago and New York in person, and made purchases as in the accompanying bills. After consultation, it was judged best that Prof. Baker should go to England and look up and purchase the large number of English books that were found on the lists. I accordingly secured the services of Prof. Baker, and his report and bills accompanying will exhibit the work done by him. Some of his orders are not yet filled, and others remain to await the binding of some of the books. Some weeks must probably elapse before the last bills will be received and the business fully closed up. I also, under the discretion you gave me, agreed with Prof. Stuart to go to Germany and make some purchases for the Chemical and Mining departments. Prof. Stuart's report, which I here-

with present, gives a full account of his purchases. I recommend the payment of these gentlemen. They having fully given their summer vacation to this service, it seems quite reasonable that the payment of their expenses be met by the University.

The Committee will recollect that only one-half of the appropriation for the new University building was voted by the Legislature last spring; but it was with the understanding, fully implied in the bill itself, that the other half would be voted. It seems desirable that the Executive Committee shall make some sufficient statement of the expenditures thus far made, and an estimate of the amounts needed to complete the building in time for our use.

The report was accepted.

On recommendation of the Regent, it was—

Resolved, That in the admission of students to the shops preference shall be given to those students who are in the Mechanical course and in Architecture, and that students who have not had at least one year's experience in such work shall be required to give one term of free service in the shops before beginning to draw wages: *Provided*, that no more than two hours a day of such free service be required, and that work performed at other hours shall be compensated at such rate as the foreman or Faculty may determine.

Mr. J. H. Pickrell, Chairman of Committee, made the following report:

To the Executive Committee of the Illinois Industrial University:

The undersigned, committee to arrange with Mr. E. L. Lawrence, Head Farmer, for the care of blooded stock now on the farm, would respectfully report that Mr. Lawrence has agreed to take care of said stock, charging for the food fed, and the necessary care that they may require.

This report was adopted.

It was decided that the employment of Mr. A. Stedman, as Foreman of the Wood-working shops, be referred to Dr. J. M. Gregory and Judge S. W. Lawrence, with power to act.

A committee, consisting of the Regent and Mr. J. M. Pearson, was appointed to inquire into the necessity of tools and machinery for the University shops, with instructions to procure such as were immediately required, and report on the purchase of such others as they may deem necessary.

The Regent then read the following report:

To Executive Committee of the Illinois Industrial University:

The special committee on the employment of Head Gardener, recommend the passage of the following resolutions:

Resolved, That Mr. H. K. Vickroy be appointed Foreman of the Horticultural grounds of the Illinois Industrial University—said grounds including the market, specimen, and other gardens, nurseries, orchards, fruit and forest tree plantations—for the year beginning March 1, 1872, at a salary of \$75 per month, with the use of house, supply of garden vegetables, and the use of one good milch cow. It is stipulated that the farmer shall reside on said grounds, and provide board for the laborers employed, at a rate not exceeding \$3 75 per week. He shall, as far as practicable, employ the labor of students, and shall keep full and accurate records of all operations on the Horticultural grounds aforesaid, and exhibit or furnish a copy of the same to the Regent monthly, with full account of sales, receipts and expenditures.

Resolved. That in order to induce and reward special diligence and care, in case the said foreman shall perform his duty faithfully, and secure an efficient, economical, and successful management and cultivation of said grounds, according to the plans and directions of the Board of Trustees, and their committee, there shall be allowed and paid said foreman, at the end of the year, from the net profits of said Horticultural grounds, the further sum of \$500, or such part of this sum as the net profits will allow; said profits to be estimated by the Executive Committee—and permanent improvements, embracing planting, culture and care of forest trees, arboretum and botanical garden, also drainage, planting, and care of hedges, new fence building and construction of roads, garden path, and repair of old ones, being counted at cost.

The report was accepted, and the resolutions adopted.

Prof. W. M. Baker's report of purchase of books in England, was read, the bills audited and allowed.

Prof. A. P. S. Stuart's report of purchase of Chemical and Mining apparatus, models, collection of minerals, etc., in Germany and England, was read and approved, and the bills audited and allowed.

The Regent was instructed to prepare a memorial to the legislature, in reference to the further appropriation needed for the completion of the main building.

The Committee then adjourned, to meet again on Wednesday, January 3, 1872, at 3 o'clock P. M.
