

SEPTEMBER, 14, 1875.

The Board met in the reception room of the new University building at 4 o'clock P. M.

Present: Messrs. Cobb, Brown, Blackburn, Gardner, Mason, and Sabin.

Absent: Gov. Beveridge, Messrs. Gillham, Pickrell, and Slade.

The Regent, Dr. J. M. Gregory, then read his report on the condition, wants, and progress of the University, submitting therewith reports of the different departments from members of the Faculty:

- A. Horticultural Department, Prof. Burrill.
- B. Architectural Department, Prof. Ricker.
- C. Cabinet Department, Prof. Taft.
- D. Mechanical Department, Prof. Robinson.
- E. Library Department, Prof. Crawford.
- F. Chemical Department, Prof. Weber.
- G. Military Department, Prof. Snyder.
- H. Agricultural Department, Prof. Miles.

REGENT'S REPORT.

GENTLEMEN:—Since your last quarterly meeting at the close of the last term the University has been in vacation. The work on the farms and horticultural grounds and in the shops has gone on as usual and will be reported to you by the Business Agent and by the Professors in charge, which I have the honor herewith to transmit.

The more extended advertisement of the University provided for by you has been effected and the result is already seen in the large numbers of students who are to-day entering. I sent to the County Superintendents during the summer a circular with questions for examinations and many of these officers have kindly examined the candidates presenting themselves, and have thus saved many the expense and trouble of a journey to the University for their examinations. Many of the students entering to-day bring with them certificates from these Superintendents.

GENERAL WANTS.

Accompanying the report of Prof. Burrill is a paper containing several requests which I recommend to your attention as reasonable and just. If your funds will permit, I trust the wants of this department will be fully met.

Prof. Ricker also presents some requests for further facilities for the School of Architecture, which I cordially endorse. This school is attaining a growth which must prove gratifying to you.

I also commend to you Prof. Robinson's request for the Mechanical Department and Physical Laboratory. I believe that I may affirm that for a much less cost than in some similar institutions, the success of our School of Mechanical Engineering stands unrivaled on this continent. Its success and importance entitles it to a much more generous support than it has heretofore received from the State.

Prof. Snyder will lay before you a proposition to change, in some respects, the military uniform. If this change can be made without materially increasing the cost it will doubtless add something to the beauty and, of course, to the efficiency of our military drill.

The moneys voted for the library were expended by me in the purchase of the books selected by the several Professors. The purchases exceed slightly the amount appropriated, though they still fall short of the lists asked for. I would ask a further appropriation to meet the balance of the bills and to cover some additional purchases of books to be received from Europe. One hundred dollars will cover the whole demand.

Dr. Miles, the new Professor of Agriculture, entered upon his duties July 1st, and has been busily employed in the practical work of his Department. His reports, which I have the pleasure now to transmit, will give you information of his work and wants.

COLLEGE GOVERNMENT.

By a resolution of the Board, the Regent and Faculty are instructed to report to the Trustees upon the government exercised in the University by the organization called "the Student's Government."

In obedience to that resolution and in the absence of the Faculty, (it being vacation,) I communicate herewith a copy of the constitution of the said government and of such laws as are in print.

These documents, might, perhaps, sufficiently answer the inquiries of the board, but the interest that has been expressed in many quarters in regard to this experiment in College government, leads me to present a fuller account of the origin, progress, and results of it thus far.

In the term of 1870, after much reflection, and with the concurrence of the Faculty, I determined to make the experiment to test the power and willingness of the students to constitute and administer a government over the dormitory building. I knew that such an experiment had been successful in several schools in Europe and in this country, though these were all family or boarding schools in which all the pupils lived under the same roof, and were generally of younger age than our students.

At the time mentioned the number of students attending the University was about and a majority roomed in the Dormitory Building where also all the recitations were held. These students averaged perhaps about 20 years of age.

One morning in chapel a short address was given to the students, tendering the opportunity to organize a government for their own control. They were reminded that as citizens of a country boasting self government, it was peculiarly important to them to learn to govern themselves; that they were as much concerned in the good order of the University as were the Trustees or Faculty; that they could often detect and prevent or punish mischief more easily than any College Faculty could do the same; that it would be a great honor and advantage to them to carry on this government if it succeeded. They were also reminded that it would cost time, thought, and no little backbone and perseverance to carry this business through; that it was too important a matter to allow any child's play either in assuming or perpetuating this government. They were then invited to take the matter into consideration and talk it over carefully among themselves for a few days when a vote would be taken upon the question. A few mornings later the vote was taken and showed a unanimous desire to undertake the proposed responsibility. A committee was appointed to draft a constitution and some laws. These were finally adopted and the government went into active operation under a President and Council. All laws were to be voted by the General Assembly of the students.

The government was, on the whole, a success. Much of manliness and good sense was exhibited by the leading students, and comparative good order prevailed. It was, however, not without opposition and occasional failures. Sometimes the officers chosen were destitute of the needful ability or grew negligent in their duties, but a few words of reminder or encouragement spoken in chapel usually served to rouse them, and the government thus reinforced went on again. The only penalties administered were fines, and only twice before the last term were the Faculty obliged to interfere, and to tell delinquents they must pay their fines or leave the University.

Once or twice serious collisions were threatened between the Students' Government and the Faculty on some question of conflicting authority, but a candid appeal to common sense composed the trouble and left the two parties good friends.

When the new building was opened and a large increase of students appeared, it was found inconvenient to discuss all proposed laws before the General Assembly, and a new Constitution was adopted providing for a Senate of 21 members, to whom all legislative power was committed, subject to the veto of the Regent. The framing of the Constitution was not without difficulties. It involved a large extension of the territory and scope of the Government, and was preceded by a carefully prepared resolution of the Faculty formally delegating the power of Government to the students, but reserving the right to resume it whenever the students should fail to exercise it wisely and satisfactorily. A few students were disposed to resist this necessary provision, and to demand full and irrevocable authority, but the wiser ones easily saw that the Faculty could have no right thus to make a final abdication of the powers and duties conferred upon it by the Trustees.

With the new constitution, the Students' Government gained a large increase of dignity and influence. Its elections, conducted with regular polls and printed ballots, have been spirited and have generally resulted in the choice of good and efficient officers. Its Senate has occupied much less time than many an older legislature in mere partisan and useless debate, and have conducted their law-making not only with Parliamentary order, but with a general, wholesome regard to the public good. Only in two instances has the Regent been obliged to interpose his veto. The court consisting of a Chief Judge and two associates, has managed its administration of justice with much dignity and with a fairness which has left little ground of complaint with its decisions.

Looking at the general result, the experiment has proved successful. It is not meant by this, that it has, in all cases and to the fullest extent, answered its ends. No human government does. There have been occasional violations of its laws left unpunished, and breaches of good order, which it has either not detected or not suppressed, incompetency and unwisdom have sometimes got into office, and fickleness and favoritism have sometimes been shown in administration. But these have been the exceptions, not the rule. Few colleges can show a record of more uniform good order, and none can show a body of students among whom self-respect and a general regard for the public good and for the honor and prosperity of the institution more largely prevail. Few college faculties would have managed affairs more wisely, and none, perhaps, more successfully.

It is not denied that the plan has its dangers and defects. Sometimes the spirit of independence and the love of power tend to excess, and would if unchecked usurp the proper work and authority of the faculty, and sometimes the machinery seems cumbrous, occupying the time of many to do in a formal and tardy manner some act of justice which a single ruler would finish with a word. In other terms the government would sometimes seem in the way of some sharp, energetic and despotic President or Professor. But if the training of the students in the principles and practice of public justice, in the duties of citizenship and in self-government, is of any value, then evils and defects of this government may easily be tolerated in consideration of the advantages gained.

I may add that a somewhat wide spread interest has been excited among educators by this experiment and its results are watched for with some solicitude. With a continued care and attention on the part of the authority, and a generous encouragement of the efforts of the students, I have full confidence in its success.

J. M. GREGORY,
Regent.

DEPARTMENT OF HORTICULTURE.

To Dr. J. M. GREGORY, *Regent Ill. Ind. University* :

SIR:—I submit the following as the report from the Department of Horticulture for the six months ending September 1, 1875 :

Nothing new has been attempted, the entire energies being devoted to the preservation of plants on hand, and the prosecution of plans previously done. All kinds of trees and other plants have made a remarkable growth, but the records for the season have not yet been made up. Almost every tree transplanted has lived, and the most of them are now in good condition. The fruit crops have been very light as they have been throughout our section of the country, yet quite a number of varieties of strawberries, raspberries, grapes and apples have borne some fruit. Agreeable to instructions of the Board of Trustees, the south half of the apple orchard has been replowed, so as to level the ground formerly thrown into ridges. The trees have undoubtedly suffered some by so doing, but the wet season has been very favorable for them. The land was planted with corn. Quite a number of trees from the low and wet places were taken up and those seemingly worth it were transplanted in the old rows where trees were missing. The borers (*Chrysobothus femorata*) have done some damage in spite of efforts to prevent them, but though the beetles were more numerous this year than ever before, their attacks have been much less destructive than last year, owing to the vigor of the trees. The forest-tree plantation is in fair condition.

The weeds have been excessively hard to keep down, and some of the young trees on the wettest ground have been injured. No planting was done this year. The measurements of growth have not yet been made. The small fruit plantations are in just about the condition of last year, but not what they should be. Here more especially is felt the need of closer and more persistent care and cultivation. An extension of the plantation of varieties of strawberries is the only addition that has been made. The nursery is in a more satisfactory condition, the young trees having made a good season's growth. A collection of seedling forest trees were received from Arthur Bryant, Jr., as a donation, and are doing well. Grafts of apple and pear made by the students during the winter, were set in the spring, the former doing well, the latter not. Several kinds of cions were donated by Mr. B. O. Curtiss, of Paris, Ill., and Dr. Hull, of Alton, Ill. These were properly grafted and set in the nursery. About twenty kinds of forest trees were set in the arboretum, and are generally living. The ground is seeded with clover. I again recommend the purchase of a large collection of small trees, to be grown some years in nursery, for these grounds. Some of large size should be planted this fall. The greenhouse and ornamental grounds have not been kept quite up to their former state, but are now in pretty good condition. The woodwork in the north half of the greenhouse was found too rotten for repairs and has been removed, and concrete walks substituted, the plants to be set upon the earth without staging.

For the financial condition of the Department, I respectfully refer to the report of Business Agent.

Respectfully submitted,

T. J. BURRILL.

SCHOOL OF ARCHITECTURE.

To the Regent and Board of Trustees of the Illinois Industrial University :

GENTLEMEN—I respectfully request that :

1. The former appropriation of \$15 per month for expenses of classes in Architectural shop practice be continued during the current school year.
2. An appropriation of \$25 be made for apparatus needed for class in Heating and Ventilation.
3. An appropriation of \$25 be made for a suitable desk and platform for Architectural lecture-room.
4. That the room adjacent to the Architectural room be assigned to the School of Architecture as a lecture and recitation-room. It is now vacant, the Bookkeeping classes taking another room. The room is absolutely necessary, especially for recitations in Geometrical Drawing.

CENTENNIAL EXPOSITION 1876.

I propose to send principally models and drawings. In models, one complete of a grand suspension staircase, $\frac{1}{4}$ or $\frac{1}{8}$ full size, in pine and walnut. Also a model of —, as they are little known in the Eastern States, or in Europe.

In drawings, the best sets made during the next two terms, instead of merely — specimens, as affording a better idea of the work done in the school. And also briefs of lectures, written out by students and bound up in uniform style.

General drawings or photographs will be necessary to properly represent the University at the Exposition. As it is probable that I will be expected to prepare most of those required, I would suggest that the cheapest and most effective way will be to have photographs taken of the buildings instead of making perspectives, and the plans and exterior views be drawn in ink and these photographed, as they can then be reduced in size and made very sharp and clear. Then the whole can be neatly bound, forming a nice volume.

I believe that I can find time to prepare the necessary views and plans, so that the principal cost will be that of making the photographs and binding. I add a list of those most necessary, amounting to twenty-three. Mr. Naughton once offered to make them for \$3 each, and would probably do so now.

The photographs would cost \$69 and the binding \$8 or \$10 more if in good style. Several leaves may also be added with photographs of Trustees and Faculty.

Another mode would be to prepare views in shade or full color, plans and interiors, &c., and either bind them, or making them of small ———, arrange them in a single large sheet to be framed and placed above or behind the other objects exhibited by the University. But the extra labor required for the drawings would cost considerably more than that of making the photographs.

Whatever be done should be decided upon now, so that it can be begun at once.

Respectfully submitted.

N. CLIFFORD RICKER,
Professor of Architecture.

LIST OF VIEWS, PLANS, ETC.

1. Northeast view of University building.
2. Northwest " "
3. Plan of Ground floor of University building.
4. " First " " "
5. " Second " " "
6. " Third " " "
7. " Fourth " " "
8. Grounds of University building.
9. Interior of Chapel.
10. " Library.
11. " Museum.
12. " Art Gallery.
13. " Main hall and staircase.
14. View of Stock Farm barn.
15. " Experimental Farm House and barn.
16. " University Shops and Drill Hall.
17. Plan of First floor of " "
18. " Second " " "
19. Interior of Wood working shops.
20. " Iron " "
21. View of Dormitory building.
22. " Conservatory.
23. " Grounds of Dormitory building.

CABINET.

To the Regent and Honorable Board of Trustees :

We ask, with your approval :

- 1st. The casing of at least the east side of our Cabinet; many specimens having to lie shut up in boxes for want of room.

ESTIMATED EXPENSE.

2d. Twelve dozen specimen jars for preserved specimens. There is not one, and specimens in old castor oil bottles and pickle jars, are unworthy the dignity of a great institution. Estimates, \$6 per dozen.

3d. One barrel of alcohol. This, for scientific purposes, can be obtained from the warehouse free of government tax, thereby costing half or less than half its normal price.

Prof. Burrill also needs this preserving fluid. Estimates, \$25.

We believe these requests are of essential importance to our department, and of great general importance to the institution.

D. C. TAFT.

COLLEGE OF MECHANICAL ENGINEERING.

To the Regent of Illinois Industrial University :

SIR—I respectfully offer the following report for the last six months and estimates for the next half year for the College of Mechanical Engineering and for Physics.

The class in Shop practice was unusually large during the whole year—the number in the spring term, 10, remaining in larger proportions to the number at beginning of the year than usual. The class appeared to take more interest in the work than usual, which is probably owing to the fact that machines instead of models were largely chosen for the work. The machines worked at were a boiler feed-pump for hot and cold water, a set of planer centers, and a speed lathe, all intended for the shop.

The class in Physics fell off greatly at beginning of Spring term, the class numbering only 7.

The class in Experimental Physics numbered four in the Spring term. The evening physical experiments, kept up for once each week during the last two terms of the year, consumed much time and labor in preparation. Often in this instruction, instruments which are too cheap to be found in the markets, but which are effectual in the experiments, have to be devised and used. In fact, this may be done to the consumption of all the spare time which may be found for it. In this, and in the act of making the exhibits, an experienced assistant is found indispensable. In this, and in my everyday class experiments, my Assistant, Mr. J. O. Baker, proved extremely serviceable, and for the ability with which he performed this service he deserves much credit.

To carry on the shop practice instruction for the next six months there will be needed, for the power and heating, an appropriation of at least \$8 per month for two hours per day, five days in a week. In case the class numbers over about seven it should be divided into two sections, each of two hours, in which case the appropriation should be \$15 dollars per month. Six is the largest number one teacher can do justice to and prevent an account of the want of experience on the part of the student. For this reason a division of the class is recommended if exceeding seven.

For this year I advise the continuation of work on the speed lathe, commenced last year, and also the beginning of an upright drill for the shop, and of a thermometer graduated for the Centennial Exposition. For this an allowance of \$30 should be made, for material. This will be mostly required for the bed plate for the lathe.

For the physical laboratory there will be needed materials for the experimental work, not classed as instruments, mostly chemicals, and which probably cannot consistently be taken from the State appropriation. About \$25 should be allowed for this.

I therefore ask for the Mechanical Department, \$120; Physical Laboratory, \$25.

LIBRARY.

HON. J. M. GREGORY, *Regent*:

I present herewith the report of the Library since the meeting of the Trustees in June.

There have been added to the Library during the time, two hundred and seven (207) volumes, at a cost of about four hundred and sixty dollars (\$460).

There have been bound ninety-six (96) periodicals, and fourteen (14) volumes of old books have been rebound or repaired, at a cost of one hundred and twenty-six dollars and fifteen cts. (\$126.15).

Twelve dozen chairs have been bought, and six tables are being made, which I think will fully accommodate all students. There are in the Library a number of duplicates which are not used and occupy space needed for other books. I enclose the list, suggesting that the Business Agent be authorized to dispose of the books, and to use the money so obtained by further purchases for the Library. Most of these duplicates have been on hand several years.

If it should be the desire of the Trustees that the Catalogue of the Library should be published in their next report, I will endeavor to have it ready in time. Very respectfully,

J. D. CRAWFORD,
Librarian.

CHEMICAL DEPARTMENT.

To J. M. GREGORY, LL. D., *Regent Illinois Industrial University*:

DEAR SIR—The undersigned respectfully solicits you to call the attention of the honorable Board of Trustees to the necessity of making provisions for new desks in the Chemical Laboratory. The class in Chemistry, from all appearances, will be much larger this term than we can accommodate in the Laboratory with our present number of desks. The new desks will be needed about the middle of this term.

In order to represent the Chemical Department at the Centennial, it has been thought best to have the students working in the Laboratory prepare chemicals and have these preparations properly bottled and labeled. The expense of materials and bottles has been estimated at about \$200, a sum which could be taken out of the Laboratory fund if the honorable Board should see fit to appropriate it for that purpose.

Respectfully yours,

H. A. WEBER.

MILITARY DEPARTMENT.

DR. J. M. GREGORY, *Regent Illinois Industrial University*:

SIR:—I have the honor to respectfully report that I have completed the following improvements in the University Drill Hall:

- I. Painting roof and trusses, 2,421 square yards.
- II. Stuccoing walls, 3 coats, 750 square yards.
- III. Altering musket racks and varnishing same.
- IV. Stuccoing walls and painting band rooms, making and painting music stands and settee.
- V. Stuccoing and painting gymnasium dressing-room, making benches and wardrobe hooks.
- VI. Repairs of accoutrements, including purchase of 30 new belts and plates.
- VII. Repairs and cleaning of muskets, purchase of music for band, etc.

For the above there were in my hands \$469, donation of students, for the purpose; of an appropriation of \$150 from the Board of Trustees, and an unexpended balance of the current appropriation for the Military Department of \$26 73; total, \$645 73.

When I began to make estimates of the work to do, I found that the painting alone, 2 coats, 2,421 square yards, being all roof and necessitating scaffolding, etc., would cost me nearly \$570, thus absorbing the whole amount nearly, if let out by contract.

I therefore concluded to do it myself, and engaging the services of three of our students for nearly all their vacation, I succeeded, by strict economy and attention in person, to do all the work above mentioned for \$620 95, leaving a balance of \$24 78.

This I intend to put into enlarging the main stair-case, the present condition of which admits the passing of only two men, whereas for tactical purposes I want the files of fours to pass unbroken. It will cost about \$30.

The necessary expenses for the Military Department for the six months ending February 28, 1875, are estimated as follows:

Gymnasium, pay of instructor.....	\$100 00
Band, instrument and repairs, music, light, etc.....	50 00
Armory, repairs and cleaning of 304 stands of arms, etc.....	50 00
For target practice and fencing.....	50 00
Telegraph line, keeping up batteries and line in University building.....	15 00

\$265 00

Very respectfully,

E. SNYDER,
Colonel Commanding I. I. U. Batt.

AGRICULTURAL DEPARTMENT.

To the Regent of the Illinois Industrial University:

The financial condition of the Department of Agriculture at the present date is shown by the report of Head Farmer Lawrence, which is herewith submitted. It is as follows:

Balance due the Department on account from March 1, 1871 to date.....	\$12 70
Property subject to sale (estimated).....	11,085 00
Total.....	\$11,097 70
If from this is deducted the amount of the inventory of Dec. 1, 1874, charged against the Department,.....	6,241 46

There remains the sum of..... \$4,856 44

That can soon be made available for the future development of the Department.

It is estimated that the proceeds of the crops in the Experimental Department will be sufficient to meet the ordinary current expenses of this department for the year.

Alterations are being made in the internal arrangements of the Experimental barn, so as to give increased accommodations for animals and secure a greater economy of labor in the care of them.

The labor has been entirely performed by the ordinary farm force, which if paid for at current rates would amount to \$103. There has likewise been expended, for lumber \$95 05 and for hardware \$32 41.

It is estimated that lumber to the amount of \$45, and hardware to the amount of \$15 will be still required to complete the contemplated changes.

Attention is respectfully called to the present inconvenient relations of the Horticultural and Experimental Departments in the boundaries assigned them on the experimental farm. It is believed that changes could readily be made that would be mutually advantageous.

I present herewith a plan for the reconstruction of the stock farm, which is believed to be necessary for the economical management of stock. Provision should also be made for conducting a series of experiments for the promotion of agriculture. A foreman of the Experimental Farm is very much needed, as it is impossible for the present head farmer to perform the duties now devolving upon him.

Some kind of power is required at the Experimental Farm for grinding and cutting feed, and threshing grain, &c. A windmill will undoubtedly be found to be most economical. The estimated cost of a suitable mill and machinery for grinding would be about \$550.

The farm buildings need painting, as they are very much weathered and need protection.

It is believed that the receipts of the farm will be sufficient to defray all expenses connected with the above recommendations, and authority is asked to proceed with them as far as the income from the farm will admit.

Respectfully submitted.

M. MILES,
Professor of Agriculture.

The report was received. The workings of the student's government was deemed satisfactory and the system approved.

The Business Agent was authorized to dispose of all duplicate volumes in the Library.

The Librarian was instructed to make out a catalogue of Library for the next annual report.

BUSINESS AGENT.

To HON. EMORY COBB, President of the Board of Trustees of the Illinois Industrial University:

SIR—As Business Agent of the University, I have the honor to make the following report:

Paper A. is a statement of the appropriations made March 10, and since; the latter are given in red ink. Collections made by me are given in connection with the respective appropriations. At the bottom of the sheet is a statement of the State appropriations.

Paper B. is a list of warrants drawn since June 8,—from 666 to 713, inclusive, have not been audited.

Four of the appropriations have been overdrawn, or will be, if the above-named warrants are allowed. In case of Fuel and Lights, it was necessary, in order to put the heating apparatus in order, and to lay in a stock of coal at low prices.

The blank books required by the Recording Secretary and Business Agent and, a little extra advertising causes the stationery and printing account to be overdrawn.

The purchase of larger stock of lumber than used, some 6,000 feet; \$125 00 worth of tools, and \$40 worth of oil, with the non-collection of a \$165 account, which is good, causes the Architectural Department to overrun.

The amount overdrawn might be collected, if thought best, from the department in the next six months.

The carpenter shop has been at work on the Veterinary building most of the season. This is about completed. The doors and sash were made at the University shop. It is now at work upon the library tables and civil engineering case and counter authorized by the Board. Re-appropriations should be made for these.

The machine shop has done custom work when offered during the summer, which was not more than half of the time. The steam pump started by the Shop Practice Class, was completed at a cost of \$107; it is considered worth \$280.

The entire salary of the foreman has been taken from the earnings of the shop during the summer. I suppose not more than half of it should be so taken during term time.

The Foreman has given a portion of his time in preparing for the manufacture of a graduating machine for the Centennial Exposition. An appropriation of at least \$200 would be required in addition to the labor which might be given if such a machine was manufactured. Other appropriations for several of the Departments will be required if the University is to be represented at the exposition.

The Mechanical and Architectural Departments will require appropriations on account of the educational classes; \$20 a month for each can be used to advantage; this pays for the heating power and material used.

Considerable work has been done on the grounds.

The roofs and waterpouts of both of the main University buildings have been thoroughly repaired, and all the buildings cleaned and repaired. The heating apparatus has also been put into good condition. The season has been so wet that nothing has been done with the doors and windows of the main building. It is proposed to put outside sash upon several of the north windows before cold weather. These can be made by the University shop.

Twelve dozen chairs for the library were purchased at an expense of \$84.

The large southwest basement room has been assigned to the young ladies as a gymnasium, etc. It has been cleared and cleaned but will need some further preparations, such as a dressing-room, etc.

It is proposed to make a small house over the east well if such a course meets with approbation; also to re-lay a portion of the walk on the west side of the parade grounds. Oak joists for this purpose have been purchased—the labor has been held for the students. In the early part of June the east tower of the main building was struck by lightning, shattering one side of it to quite an extent. This was repaired at an expense of \$33 17. At a cost of some \$15 for each tower, lightning rods could be applied. By a law passed by the last Legislature the financial report of the University is made September 30 in place of September 1, as formerly. The library has duplicates of books which in some cases could be sold or exchanged to advantage to the University. Authority for such sale and exchange is asked.

Respectfully submitted,

S. W. SHATTUCK, *Business Agent.*

"A."—Statement of Current Appropriations and Collections.

	Appropriations,	Receipts.	Expended.	Unexpended
Board expenses.....	\$250 00	.....	\$255 55	\$5 55
Salaries.....	14,390 00	.....	14,705 26	184 74
Fuel and lights.....	300 06	\$205 53	967 65	462 12
Stationery and printing.....	500 00	.....	924 02	424 02
Buildings and grounds.....	1,000 00	.....	905 09	94 91
Incidental expenses.....	300 00	8 59	210 70	97 89
Mechanical Department.....	55 49	1,836 78	1,861 86	60 41
Architectural.....	466 97	1,283 11	1,931 63	181 55
Horticultural.....	253 63	802 60	919 39	136 84
Agricultural.....	2,039 19	2,847 47	4,740 14	146 52
Chemical.....	130 00	472 78	553 01	49 77
Military.....	60 00	36 80	245 85	95
Library and apparatus.....	400 00	.....	1,051 74	198 26
Sundries—Civil Engineering Department.....	170 00	.....	158 14	23 86
Diploma Plate.....	100 00	.....	.....	100 00
Ladies Gymnasium.....	50 00	.....	23 20	26 80
Freight on mining apparel.....	40 00	.....	.....	40 00
Mr. Seal's advertisement.....	15 00	.....	15 00	.....
Physical Laboratory.....	100 00	.....	98 33	1 67
Unpaid bills.....	514 11	.....	514 11	.....
Centennial Exposition.....	50 00	.....	50 00	.....
Special—Agricultural Experiments.....	321 71	.....	916 50	594 79
Fees and room rents.....	.....	1,677 50	.....	1,677 50
Freight.....	.....	602 63	.....	602 63
Burnett, rent.....	.....	731 15	.....	731 15

Statement of Current Appropriations and Collections.

On account of	Appropriated.	Receipts.	Expended.	Unexpended.
State taxes on lands.....	\$3,000 00	\$3,007 00	\$7 00
Buildings and grounds.....	1,000 00	680 99	319 01
Physical laboratory.....	1,000 00	85 45	914 55
Printing office.....	500 00	417 22	82 78
Veterinary Department.....	2,000 00	911 98	1,088 02

August 31, 1875.

"B."—Abstract of Warrants.

No.	To whom.	For what.	Amount.
514	J. C. Pickard	Salary, September 1, 1875.	\$500 00
515	Students' labor	Pay-roll May, 1875	457 58
516	E. L. Lawrence	Farm expense, May, 1875.	313 02
517	M. Miles	15 lectures.	200 00
518	S. E. Noble	Work in armory.	5 00
519	A. Snedeker	Castings	83 02
520	M. E. Lapham	Lumber	125 51
521	Cleveland Screw and Tap Co.	Hardware	5 12
522	H. Swannell	Chemicals, etc.	66 19
523	Jas. M. Ralph	Foundation of observatory	27 12
524	Webster, Davies & Co	Lumber	25 00
525	H. Peddicord	Drain pipe.	5 00
526	N. F. Pratt	Repairing roof of Mechanical Hall.	48 00
527	Joseph McCorkle	Hardware	13 15
528	Enterprise Coal Company	10 cars coal.	124 00
529	Wm. M. Kennedy	Advertising	4 00
530	Locke & Saxton	Hardware and paper.	13 64
531	Illinois Schoolmaster.	Advertising	15 00
532	S. W. Shattuck	Petty expense, May, 1875.	29 12
533	E. A. Robinson	Apparatus for Physical Laboratory.	61 66
534	J. B. Webb	Material and work on observatory.	14 49
535	Publishers "Illini"	2,500 catalogues.	260 00
536	E. N. McAllister	Postage	14 36
537	H. H. Chandler	Advertising	135 00
538	John Muller	Glazing	10 37
539	Fuller & Fuller	Oil, glass and glue.	90 97
540	E. Miller	2 door mats	5 25
541	W. B. Keen, Cook & Co.	Seals, ink, etc.	5 30
542	G. A. Wild	Ornithological specimens.	20 00
543	J. B. Turner	Expense to lecture.	15 00
544	Crane Bro's Manufacturing Co.	Hardware	10 45
545	Ludington, Wells & Van Selfuk	Lumber	416 45
546	Alexander A. Ullrich	Hardware.	66 44
547	D. B. Gillham	Expense to meeting.	16 20
548	D. D. Sabin	" "	22 25
549	A. Blackburn	" "	18 00
550	J. P. Slade	" "	21 80
551	R. B. Mason	" "	9 00
552	D. Gardner	" "	15 00
553	Monroe & Lindley.	Hotel bill Gov. Beveridge.	2 50
554	W. P. Jefferson	Teaming.	11 25
555	J. M. Gregory	Salary June, 1875.	333 33
556	S. W. Robinson	" "	166 66
557	T. J. Burrill	" "	166 66
558	S. W. Shattuck	" "	200 00
559	E. Snyder	" "	166 66
560	D. C. Taft	" "	166 66
561	J. Burkitt Webb	" "	166 66
562	N. C. Ricker	" "	100 00
563	J. D. Crawford	" "	100 00
564	H. H. Weber	" "	120 00
565	E. L. Lawrence	" "	100 00
566	Charlotte E. Patchen	" "	50 00
567	Lou C. Allen	" "	120 00
568	A. C. Swartz	" "	60 00
569	J. O. Baker	" "	50 00
570	F. A. Parsons	" "	40 00
571	M. A. Scovell	" "	12 50
572	A. E. Barnes	" "	12 50
573	H. A. Mann	" "	50 00
574	J. Kenis	" "	25 00
575	W. S. Everhart	spring term, 1875	15 00
576	F. P. Dobson	" "	15 00
577	F. W. Prentice	" June, 1875.	100 00
578	Mechanical Department	Work for other departments.	71 23
579	Architectural	" " " "	144 22
580	Agricultural	" " " "	370 84
581	Publishers "Illini"	Printing programmes and labels.	20 00
582	F. J. Mann	Copying music for band.	5 00
583	H. H. Holden	Bill of hardware.	30 75
584	Bliss & Sons	Seeds.	15 50
585	Students' pay-roll	June, 1875	415 61
586	Sabin Bros.	Hungarian grass seed.	6 00
587	H. Peddicord	Plaster	3 50
588	E. L. Lawrence	Farm expense, June, 1875.	459 80
589	Fairbanks, Morse & Co.	Letter scales.	9 35

"B."—Abstract of Warrants—Continued.

No.	To whom.	For what.	Amount.
590	Fuller & Fuller.....	Glass.....	\$16 91
591	Marder, Luse & Co.....	Type, etc.....	231 55
592	H. K. Vickroy.....	800 pear seedlings.....	11 20
593	E. Satterthwait.....	Bulbs.....	5 00
594	Hallock, Holmes & Co.....	Rubber bands.....	2 11
595	Crane Bros. Manufacturing Co.....	Pipe flanges.....	11 65
596	Champaign Gas Company.....	April & May, '75.....	120 00
597	J. M. Gregory.....	Salary, for July, 1875.....	333 33
598	S. W. Robinson.....	" ".....	166 66
599	T. J. Burrill.....	" ".....	166 66
600	S. W. Shattuck.....	" ".....	200 00
601	E. Snyder.....	" ".....	166 66
602	D. C. Taft.....	" ".....	166 66
603	J. B. Webb.....	" ".....	166 66
604	N. C. Ricker.....	" ".....	100 00
605	E. L. Lawrence.....	" ".....	100 00
606	H. A. Mann.....	" ".....	50 00
607	B. F. Johnson.....	" " for June and July.....	83 33
608	Manly Miles.....	" " for July.....	250 00
609	S. W. Shattuck.....	Petty expenses June and July.....	28 98
610	Wm. Price.....	Paint, oils, etc.....	181 95
611	Thos. Franks.....	Plants.....	7 90
612	Fuller & Fuller.....	Glass and paint.....	12 75
613	Weeks Bros.....	Hauling.....	11 35
614	Marder, Luse & Co.....	Type and leads.....	58 36
615	H. Chandler.....	Advertising.....	109 20
616	Biedler & Co.....	Lumber.....	29 50
617	Jones & Laughlin.....	Nails.....	25 50
618	A. Snedeker.....	Castings.....	42 91
619	E. N. McAllister.....	Postage.....	13 62
620	E. A. Robinson.....	Salary June and July, 1875.....	166 66
621	Goodnow & Wightman.....	Tools.....	182 96
622	Marder, Luse & Co.....	Paper cutter and type.....	66 50
623	Illinois Printing Office.....	3,000 circulars.....	25 00
624	Crane Bros. Manf. Co.....	Hardware.....	5 61
625	Jas. Vick.....	Plants.....	3 30
626	Cairo Box & Basket Co.....	2,000 boxes and crates.....	12 20
627	S. J. Surdam & Co.....	Hardware.....	23 58
628	C. L. Kingsbury.....	Work on University grounds.....	31 35
629	E. L. Lawrence.....	Farm expense July, 1875.....	544 22
630	S. W. Shattuck.....	Petty expenses July, 1875.....	34 20
631	Students' Pay-roll.....	July 1870.....	346 06
632	Illinois Central R. R. Co.....	Freight, July, 1875.....	15 98
633	J. M. Gregory.....	Salary, August, 1875.....	333 33
634	S. W. Robinson.....	" ".....	166 66
635	T. J. Burrill.....	" ".....	166 66
636	S. W. Shattuck.....	" ".....	200 00
637	E. Snyder.....	" ".....	166 66
638	D. C. Taft.....	" ".....	166 66
639	J. B. Webb.....	" ".....	166 66
640	M. Miles.....	" ".....	250 00
641	N. C. Ricker.....	" ".....	100 00
642	E. L. Lawrence.....	" ".....	100 00
643	B. F. Johnson.....	" ".....	41 66
644	H. A. Mann.....	" ".....	50 00
645	Champaign County Gazette.....	Binding, printing and advertising.....	187 40
646	Illinois Printing Office.....	Printing circulars.....	8 25
647	Fuller & Fuller.....	Chemicals, paints.....	239 48
648	S. J. Surdam & Co.....	Sink and mangers.....	17 28
649	N. A. Williams.....	Fire clay and brick.....	5 00
650	Crane, Breed & Co.....	Grate bars, arch fire brick.....	121 09
651	Walker Bros.....	12 doz chairs.....	84 00
652	N. N. T. Lewis.....	Advertising.....	51 20
653	M. J. Lawrence.....	" ".....	40 00
654	R. S. Willbur.....	Hauling car coal.....	4 00
655	Henry Kimpton.....	Books.....	5 95
656	C. & U. Gas Co.....	Gas bill July, 1875.....	15 20
657	L. Tucker & Son.....	Advertising.....	36 40
658	I. B. & W. R. W.....	Freight.....	12 96
659	Jas. Watson.....	5½ days' work training.....	15 75
660	Students pay-roll.....	August, 1875.....	271 80
661	Prairie Farmer Co.....	Advertising.....	52 80
662	Beach & Condit.....	Blossburg coal and reaper sections.....	9 25
663	E. L. Lawrence.....	Farm expense August, 1875.....	427 79
664	Burt & Smith.....	2½ doz brooms.....	10 50
665	E. L. Lawrence.....	Cash paid to strawberry pickers.....	21 23

"B."—*Abstract of Warrants*—Concluded.

No.	To whom.	For what.	Amount.
666	Heisler & Casler.....	5,000 feet of oak lumber.....	\$115 00
667	Benerman & Wilson.....	20 lantern slides.....	17 50
668	Benerman & Wilson.....	1 gasbag.....	11 70
669	I. B. & W. R. W. Co.....	Freight.....	1 70
670	H. Peddicord.....	Cement, lime and pipe.....	46 70
671	T. Butterworth.....	Advertising.....	5 00
672	H. Swannell.....	Chemicals.....	2 00
673	U. S. Patent Office.....	Binding reports.....	22 70
674	Harvey & Co.....	10 lbs soap.....	1 50
675	Crane Bro's Manufacturing Co.....	Hardware.....	3 07
676	Dodson & Hodges.....	".....	17 87
677	Enterprise Coal Co.....	6 cars coal.....	62 00
678	Dodson & Hodges.....	Repairs on roof, etc.....	108 75
679	H. Swannell.....	Paint, oil, turpentine, etc.....	35 21
680	W. T. Pratt.....	Material and repairs on new building.....	405 12
681	Legatt Bros.....	Books.....	434 19
682	A. Brown.....	Work and material laying pipe.....	38 40
683	Fuller & Fuller.....	Glass.....	12 26
684	Walker Bros.....	Hard oil finish.....	8 25
685	J. Nelson.....	1½ months' rent of stable.....	22 50
686	Illinois Central R. R. Co.....	Advanced freight.....	3 98
687	C. Henley.....	Painting.....	2 88
688	W. S. Maxwell.....	Paints, oils, etc.....	9 30
689	Trevett & Green.....	Hardware.....	31 26
690	Locke & Saxton.....	Paper.....	4 44
691	Ill. Cen. R. R. Co.....	Freight from March 1, to Sept. 1.....	602 65
692	Fuller & Fuller.....	Chemicals.....	78 94
693	E. A. Robinson.....	Salary as Asst. Mech. Eng., Aug. 1875.....	83 33
694	J. W. Bunn.....	" Treasurer 6 mos. to Sept. 1.....	250 00
695	Mechanical Department.....	Air compressor.....	56 25
696	James Rolph.....	Work and material, Veterinary Hospital.....	134 53
697	Jno. Mueller.....	Painting and glazing.....	52 32
698	Mechanical Department.....	Power attachment "Illini" printing office.....	60 81
699	Architectural.....	Work and material, Veterinary Hospital.....	701 90
700	Chemical.....	" " on acct. Centennial.....	25 00
701	James Rolph.....	" in Drill Hall.....	2 25
702	Architectural Department.....	Intercharge.....	74 95
703	Mechanical.....	".....	296 16
704	Military.....	".....	36 80
705	John Muller.....	Painting and glazing.....	63 27
706	S. W. Shattuck.....	Petty expenses Aug. 1875.....	19 91
707	E. N. McAllister.....	Postage.....	10 00
708	Horticultural Department.....	Rent of house.....	18 00
709	Agricultural.....	Intercharges.....	530 50
710	C. S. Kingsbury.....	Work on grounds.....	18 75
711	S. W. Shattuck.....	Whitewashing and cleaning Dormitory.....	173 07
712	A. Squire.....	Music books for band.....	6 75
713	G. E. Hessel.....	Repairs of accoutrements.....	23 40

S. W. SHATTUCK, *Business Agent.*

URBANA, Sept. 10, 1875.

The bills presented for payment were audited and allowed.
Adjourned to meet at 8 P. M.

EVENING SESSION.

The Board reassembled as per adjournment.

The Regent made an additional report in regard to representing the University at the Centennial Exposition in Philadelphia, as follows :

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

GENTLEMEN—Our preparations are already begun for the Centennial Exposition at Philadelphia, but some additional appropriations will be needed to carry them forward. There will be needed for this purpose—

1. For chemical manufacture and bottles..... \$200 00
2. Views of buildings, interiors, etc.; photographs, maps, etc..... 100 00
3. Cases for Entomological and Botanical and other collections..... 100 00
4. Materials and labor for new mechanical models, etc..... 100 00
5. Portfolio and stationery, etc., to be used in several departments..... 50 00

It must be remembered that these articles will all be valuable acquisitions to our cabinets, and therefore these appropriations may be regarded as made to the cabinets.

The amounts named may not all be required, and only a small part will be needed immediately, but the vote of appropriation seems necessary in order to authorize us to enter upon the preparations contemplated.

The occasion certainly demands some corresponding efforts on the part of American Universities, and our highest interests lie in the direction of patriotic duty.

J. M. GREGORY.

Treasurer J. W. Bunn then read his report of receipts and expenditures during the current quarter, which was accepted.

The following appropriations were made for the half year ending February 29, 1876:

Salaries—

Regent.....	\$2,000 00
7 Professors.....	7,000 00
1 Professor.....	1,500 00
1 Professor.....	750 00
1 Professor.....	800 00
1 Assistant Professor.....	750 00
Veterinary.....	600 00
Mrs. Allen.....	720 00
Parsons.....	420 00
Swartz.....	450 00
Baker.....	360 00
Kenis.....	360 00
Scovell & Barnes.....	480 00
Miss Patchen.....	300 00
Robinson.....	240 00
Assistant Librarian.....	90 00
Janitor and fireman.....	780 00
Treasurer.....	250 00
Business Agent.....	200 00
Military Assistant.....	70 00

\$18,120 00

For Board expenses.....

“ fuel and lights.....	230 00
“ buildings and grounds.....	2,500 00
“ stationery and printing.....	3,000 00
“ incidental expense.....	300 00
“ Mechanical Department.....	180 41
“ Architectural Department.....	120 00
“ Agricultural Department, balance.....	146 53
“ Chemical Department—	
Balance.....	\$49 77
Desks.....	180 00
“ Military Department and Gymnasium.....	229 77
“ Library and apparatus.....	255 08
“ Horticultural Department.....	500 00
“ Physical Laboratory, State and current.....	136 84
“ Veterinary Department, State.....	950 00
“ Printing Office, State.....	1,088 02
“ Printing Office, State.....	87 78

Sundries—

Library tables.....	\$116 00
Engineering Department case.....	60 00
Engineering transit.....	550 00
Chicago Exposition.....	50 00
Kenis, one-half salary June.....	25 00
Centennial Exposition.....	20 00
Microscope, Botanical.....	200 00
Architectural model for ventilation.....	35 00
Bottles and alcohol for cabinets.....	75 00

1,211 00

Total..... \$26,860 84

On motion of Judge Brown, the amount of \$50 was appropriated, to be used under the direction of Dr. Gregory, to represent the University at the Chicago Exposition.

Mr. Gardner, Professors Miles and Burrill, were appointed a committee to arrange the relation and local boundaries of the Agricultural and Horticultural Departments.

Prof. Miles' plan for altering the stock barn was approved, and the Professor authorized to do the work.

Prof. Shattuck was continued as Business Agent.

The request for an assistant in Experimental Department, the request for steam power for Agricultural Department, and the matter of painting the farm building, were referred to the Executive Committee.

Miss Patchin's services were reduced to three hours daily instead of four.

The model for students' uniforms from Devlin & Co., presented by Colonel Snyder, was adopted for use at the University, and all new uniforms required to be made in accordance with the model.

Adjourned.

DECEMBER 14, 1875.

The Board met at the University parlor at 3 o'clock P. M.

Present—Messrs. Blackburn, Byrd, Gilham, Gardner, Flag, Mason and Sabin; President Cobb in the chair.

Absent—Governor Beveridge and Mr. Brown.

The Board then took a recess till 7 o'clock P. M. in order to inspect the University Farm and orchards, and to witness the exhibition of the class in Calisthenics.

EVENING SESSION.

The Board met according to adjournment.

The records of the September meeting of the Board, also of the meeting of the Executive Committee, were read and approved.

The Regent, Dr. J. N. Gregory, then read his report.

REGENT'S REPORT.

To the Board of Trustees of the Illinois Industrial University :

The recurrence of your quarterly meeting makes it again my duty to report to you the conditions and progress of the University under your charge. The first term of the year now drawing to a close, has been characterized, like so many of its predecessors, by steady work, good progress, and pleasant relationships between the Faculty and the students.

The number of new students who have entered the term is :

Males.....	—
Females.....	—

Of this number, 20 have entered the College of Agriculture; 17 have entered the College of Engineering, in some of its several schools, and 6 have entered the schools in Chemistry or Natural History. The remainder entered the courses in Literature and Science, or special courses of study. The whole number of students in attendance during this term is:

Males.....	264
Females.....	68
Total.....	332

There have been employed in the teaching force:

The Regent and Professors.....	12-13
Instructors in charge of departments.....	6-4
Assistants.....	8-8
Foremen in shops, farms and gardens.....	4-4

No especial changes have been made in the courses of instruction, except that the entrance upon service of Dr. Miles as Professor of Agriculture has given something more of regularity to the instruction in that department, and the erection of the new veterinary building has enabled the students in veterinary science to do regular work in the direction of domestic animals. I believe the Board will be gratified with the changes introduced by Mr. Miles in the barns and in the general management. I feel a new encouragement in my hopes for the final triumph of an elevated and systematic agricultural education.

The enlargement of the capacity of the Chemical Laboratory was found to be none too soon to accommodate the incoming number of students in Laboratory practice. The number in attendance in the two Laboratories this term has been —. The necessity for a new Laboratory is becoming constantly more pressing, and I would recommend that inquiries be instituted to lay before the next Legislature plans and estimates for such a Laboratory as the wants of the institution will ultimately demand.

The work in both shops has been carried on with a good degree of effectiveness.

During most of the term there has been a full supply of labor in the Machine shop, part of the time crowding it to its full capacity. The other shop has also been able to furnish labor to most of those who have desired it.

It is gratifying, certainly, that both the farms and the shops are paying their own way, but I trust that if at any time this shall not continue true of any of our practical departments, their value as means of instruction will secure for them whatever appropriations may be necessary to keep them in operation. Were they not needed for educational uses, you would not support them at all.

Having these uses they should receive such generous treatment as will give them the highest efficiency. To this end skillful and efficient foremen are absolutely essential and they must be had, even if their wages shall exceed all the income of their work. I would insist upon the closest economy, but I would insist, also, upon the highest efficiency.

THE CHICAGO EXHIBITION.

In accordance with the vote of the Board, we prepared and sent to the Inter-State Exhibition of Chicago, a variety of articles from our shops, laboratories and class rooms, illustrating the work of the University. The space occupied in the Exhibition was about 12 by 19 feet. The exhibit attracted much attention, and I believe that it was fully worth its cost as an effective advertisement.

THE CENTENNIAL.

The preparations authorized by you for the University exhibit at the coming Centennial at Philadelphia, are already in active progress. It having become necessary to send in our application for space, I made such application for an area of 20 by 40 or 800 square feet of floor space. It is understood that the University exhibit will be made a part of the educational exhibit of the State, and the Superintendent of Public Instruction, actively aided by the leading educators of the State, is engaged in collecting funds and making arrangements for such an exhibition as shall be worthy the fourth State in the Union.

Our Chemical Laboratory has already completed sixty out of the one hundred specimens of chemical manufactures proposed to be shown by them.

In the machine shops one of Professor Robinson's thermometer graduating machines is in a good state of forwardness, and it is proposed to add to this twenty-four models of machines and mechanical devices.

The Architectural Department will prepare a model of a grand stair-case, and several other models, including casts in plaster of capitals and other architectural ornaments, designed by the students and modeled by them in clay.

The School of Architects is also preparing portfolios of drawings, designs, and plans of buildings, as also drawings of our own buildings, showing ground plans, perspectives and interiors.

The School of Civil Engineers are preparing specimens of their work, including well executed drawings and plans, etc., in all departments of engineering work. They are also busy preparing maps of our grounds and farms, besides a relief map or plan of the grounds about the new building.

All the other departments are also busy in arranging to present portfolios of students' work, together with specimens or drawings of whatever practical work is usually executed by students in that department.

The Agricultural Department will exhibit, besides its specimens of agricultural products, a set of casts in plaster, illustrating ancient and modern plows and agricultural machines.

We have also been asked by the State Commissioners to undertake to make an exhibit of the woods and minerals of the State and some progress has already been made in the collection required for this exhibition.

Generous offers of gratuitous aid in making these collections have been made by Gen. J. C. Smith, of the State Commission, Hon. Peter Dagey, Land Commissioner of the Illinois Central Railroad Company, and Robert Douglas, the eminent nurseryman of Waukegan; and Mr. Walker, of Champaign, has generously offered a collection of valuable woods already polished, and other important assistance in preparing the exhibition.

I trust that the work already done will meet your hearty approval, and the funds necessary for carrying out the exhibition will quickly be afforded.

In the history of institutions, as in that of men and nature, there are tendencies and undercurrents which, in the course of years may, if they are not watched, carry it quite out of its original course and encumber it with unnecessary and hurtful growths. Emergencies arise which must be met by some temporary provision, and this temporary provision, not unfrequently, is continued until it becomes a permanent part of the institution itself. Thus a temporary usage rises into a fixed law; a temporary teacher an established member of the Faculty; a temporary study becomes a settled part of the course; the temporary demands of a department tend to become the settled law for that department, and so in time these temporary growths come to distort the general harmony of the plan and to disturb the progress of affairs.

To prevent this drift and distortion, the institution should be often looked at as a whole, its various departments taken into account together, their relative claims adjusted, and the revenue of the University duly apportioned, so that none may suffer from neglect, and none may assume more than their own due importance.

Such a review is becoming the more important because of the imminent danger of financial embarrassment which threatens the University. Already our operations tax to the utmost the income of the institution, and the necessity will soon be upon us to retrench in some directions, that we may meet the absolutely vital demands of others. And the difficulty is increased by the fact that we must contemplate an early and serious shrinkage of our annual income by the exchange of our 10 per cent. investments for those bearing a less rate of interest.

Relief must be looked for in two directions; first, in the increase of endowments, and, second, in the retrenchment of expenses. In only three directions can the Trustees look for an increase of revenue:

First, by a sale of lands. The 25,000 acres of University land lying in Minnesota and Nebraska ought to bring, at least, \$100,000, above all expenses of sales, and good judges say that the time is at hand when they can be successfully placed on the market. Beside these, the University has a remaining 160 acres of the Gregg farm, and if the necessities compel it, the Stock Farm of 140 acres should be sacrificed before the University should be crippled in its interior work. There would still remain nearly 225 acres, which are enough for the really important practical work experiments. But, I would not recommend this sale till the legislature itself shall require it to be made.

Secondly, legislative aid may be reasonably asked. At least \$65,000 of your endowment, used in the completion of the main building, in anticipation of the appropriation promised by the Legislature, but never given, ought to be restored, with interest, and such I doubt not will be the decision of some future Legislature.

Thirdly, as a last resort and to be avoided to the last, the fees charged students may be increased. Cornell University, with a much larger endowment than ours, raised its fees to \$45 a year, at an early day. Let a sufficiency of free scholarships be established for indigent and self-supporting students, and the increase of fees would prove burdensome to none, and would be far better than to cripple the University by any serious reduction of its force.

But as I have intimated, some retrenchment may be found possible. Where this can be made, with safety, it ought always to be done as a duty. Library and cabinets, and apparatus, always need replenishing, and every unnecessary expenditure or mere incidentals, is at the expense of these important facilities of instruction. I would suggest that a committee of the Trustees be appointed to confer with the Regent and Faculty, and report in full at your spring meeting on these questions I have just laid before you. They demand a more careful and protracted consideration than the Board can give them at a single meeting.

RECOMMENDATIONS.

I have to ask your attention to the request of the Librarian for the purchase of new cyclopedias and the filling up certain broken series or sets now in the library. Besides these there are other demands for new and important scientific works which have recently appeared. I also lay before you a bill for some books which were offered us at a favorable rate, and which, being needful, I ventured to purchase and hold them subject to your decision.

I lay before you also statement of E. L. Lawrence, Head Farmer, of his claim for a balance of salary due him for his first year after taking charge of Experimental Farm. I believe his statement to be true and the claim a just one. It is only for that one year that the additional salary is claimed.

A communication from foreman E. A. Robinson is also herewith submitted. It is due to Mr. R. to say that he has shown himself a competent and faithful officer, and the best testimony we could have to the value of his services are the repeated offers of his former employers to give him much more than we are paying him, to return as foreman of their shops.

The report of Dr. Miles, Professor of Agriculture, with the report and statement of the Head Farmer, contain much interesting information concerning the condition of the farms, the progress in their improvement, with the new experiments proposed. I ask attention, also, to his suggestions in regard to a museum for the illustration of agriculture and agricultural science.

The report of the Chemical Laboratory, you will find eminently satisfactory. Never before have so many students been found engaged at the same time in the important study. Prof. Webber's request for bottles and materials for the additional chemical manufactures will doubtless receive favorable attention.

In connection with the report of the Mechanical Department you will find Prof. Robinson's request for a continuation of the appropriations for that department.

The preparations for the Centennial Exhibition at Philadelphia will demand some share of your attention.

The work in that Department, as I have already stated, has already made much progress, and some of the additional appropriations already contemplated by the Board will need to be made at this time to enable the work to go forward. At the request of the State Commissioners we have undertaken to make a collection of the woods and minerals of the State, and Profs. Burrill and Taft, who have matters in charge, are already in correspondence with many prominent gentlemen through the State, who promise action, co-operation and assistance. These collections, once made, will be a very valuable addition to our cabinets, after they have served their purpose at Philadelphia. I suggest that some circulars be authorized to be issued to aid in securing contributions to these collections. Some of the officers of the I. C. R. R. have promised to aid in making collection, and they have issued passes to Profs. Burrill and Taft to visit such points as they

may wish along the line of their road to look personally after collections. These passes are made good for sixty days. I suggest that these Professors be authorized to make the trip at such times as they may have without detriment to their classes. There will be needed a small appropriation to cover the expenses of these collections.

I also present the request of Profs. Robinson and Webb for seats for their draughting rooms, and of Prof. Webb for several additions to his apparatus and other things needed in his department.

The new apparatus for the Physical Laboratory, provided for by State appropriation, is needed as soon as it can be obtained. Prof. Robinson has made a selection of such apparatus to the amount of \$600 or \$700, and as it is to be obtained chiefly from Europe, I asked the members of the Board, by letter, to allow the order to be made. A letter has just been received from an importing house in this country offering to import it for us on favorable terms.

I call attention to the Free Hand Drawing. Miss Patchen is employed three hours a day in this department. Some of her advanced students desire to be taught crayon drawing and shading from casts; but I can not recommend that any part of the three hours be abstracted from the large classes of common free hand. As this advanced drawing is of the nature of an accomplishment, why may it not be taught as music is taught, at the expense of the pupils taking it? Miss P. might be authorized to instruct such a class and charge a fee for the same.

A case has arisen calling up the question whether students may be excused from drill on account of the conscientious convictions of themselves or of their parents. We have one student who was admitted and excused on full showing that his father and himself are members of a religious body opposed to war, and forbidden by their principles to engage in military service. As he has entered and paid his matriculation fee on this understanding, it seems just that he shall still be excused. But it is desirable that the Trustees shall adopt some fixed rule for the guidance of the Faculty in such cases.

Respectfully submitted,

J. M. GREGORY.

FARM DEPARTMENT.

DR. J. M. GREGORY, *Regent Illinois Industrial University:*

The following report of the present condition of the Farm Department is presented, together with an outline of plans for future operations.

The accounts for the year ending December 1, 1875, as rendered by Mr. Lawrence, copies of which are herewith submitted, show that the cash receipts for the year (including credits from other departments) were \$7,094 06, while the expenditures for the same period were \$8,563 55, or the sum of \$1,469 49 in excess of receipts. This excess of expenditures is derived from previous profits of the farm.

The value of salable property belonging to the department at the beginning of the year (December 1, 1874), as shown by inventory, was \$6,241 26, and at the close of the year (December 1, 1875), it amounted to \$10,383 60, an increase in value of salable property during the year of \$4,142 34.

If to this we add the value of permanent improvements made during the year, (\$543 79) and deduct the excess of expenditures over receipts, (\$1,469 49) as stated above, the sum of \$3,216 64 remains as the profits of the department for the year.

The resources of the department that may be made immediately available, are as follows:

Credits as per account of Business Agent.....	\$303 19
16 fat steers, average 1,400 lbs. at \$4 75.....	1,064 00
12 fat hogs.....	156 00
100 tons of hay, at \$10.....	1,000 00
300 bushel potatoes, at 25 cents.....	75 00
400 bushel wheat.....	400 00
256 bushel rye, at 65 cents.....	166 40
65 bushel Hungarian seed, at 50 cents.....	32 50

Or a total of about..... \$3,197 09

Since my last report the repairs on the experimental farm have been completed, so that the animals now belonging to the department are in comfortable quarters. The cost of the repairs has been as follows:

Lumber.....	\$146 25
Hardware.....	45 24
Labor.....	160 25

Total..... \$351 74

The barn and house of the experimental farm have been painted with two coats, of cottage colors, for which the following expenditures have been made:

Paints and oil.....	\$145 55
Labor.....	66 00

Total..... \$211 55

Of this \$59.90 has been charged to the house and \$151.65 to the barn.

The main avenue from the University building to the experimental barn and house has been graded in accordance with instructions of Mr. Gardner, at an expense of \$37, of which amount \$13.75 has been charged to Horticultural Department, \$15 to Buildings and Grounds, and \$8.25 to Experimental Farm.

Grading around the experimental barn has been done, at an expense of \$38.

During the months of August and September observations were made for the purpose of determining the physical properties of the prairie soils, on the Experimental Farm, so far as temperature is concerned; but the apparatus at command was not sufficient to give satisfactory results. With suitable means of investigation, it is believed that observations in this direction will prove of great value from a scientific standpoint, and they may result in discoveries of practical importance.

For the purpose of testing in this climate the merits of green corn fodder in a fermented state for winter feeding, several pits were filled and covered in on the 22d to the 25th of September, which will be opened the present month.

For several years past in France and Germany, this system of preserving green feed for winter consumption has been successfully practiced, and there appears to be no good reason why it should not succeed here. A full report of the experiment will be given when the pits are opened, and the details of the process given in full.

FUTURE OPERATIONS.

STOCK FARM.

The stock farm should be managed solely with reference to immediate profits, in accordance with the prevailing system on prairie farms—the leading interests being, corn-growing and cattle-feeding.

While anything like an exact system of experiments cannot be practiced without materially diminishing the profits of the farm to the great disadvantage of the department, it is however proposed to continue the rough comparative trials in feeding that have been made in previous years, and to keep as full accounts of expenses in all operations as can be readily made, for the purpose of obtaining approximate data for estimating the profits of the system.

EXPERIMENTAL FARM.

While it is admitted that all operations on the Experimental Farm are conducted with the strictest economy, we should not lose sight of the fact that the leading object should be to add to our knowledge of agricultural facts and principles by a system of accurately conducted experiments. From the very nature of the investigations it is desirable to make, and the precautions required to secure accuracy in the results, it will be readily seen that the necessary expenditures will largely exceed the value of the products of the farm.

As the boundaries of the Experimental Farm have not yet been defined, and the facilities for experiments in animal feeding have not been provided, a detailed plan of proposed experiments has not been attempted.

I can only indicate in general terms the character of the experiments it would be desirable to undertake.

FIELD EXPERIMENTS.

The influence of atmospheric changes upon the condition of the soil, involving temperature at various depths, amount of moisture, and the evaporation from the surface under various conditions, should be determined.

The absorptive properties of soils and their power to retain the materials of plant growth when applied in the form of manures.

As Indian Corn is one of the staples of this State, a permanent series of plats should be devoted to the growth of this crop for a series of years for the purpose of ascertaining the influence of thorough cultivation, the effect of deep tillage, and the relative value of natural and artificial fertilizers. From two to five acres of uniform character would probably be sufficient for this purpose.

Another series of plats might be devoted to the cultivation of new varieties or kinds of crops not in common cultivation.

The larger portion of the farm should be cultivated with a variety of crops in rotation to illustrate as far as practicable the advantages of high tillage and thorough manuring. The advantages of a systematic alternation of crops should also be determined.

FEEDING EXPERIMENTS.

Experiments should be made with swine and cattle to determine the feeding value of our farm crops under the most favorable conditions, and to illustrate the economy of cutting, grinding and cooking food.

The advantages of mixed foods in comparison with a single article of diet, should also be investigated.

In order to conduct the experiments above indicated in a satisfactory manner, additional facilities must be provided to those now at the command of the department.

For feeding swine, pens should be made so that the feed cannot be wasted, and convenient arrangements should be made for weighing each animal at short intervals.

Standard thermometers for testing the temperature of the soil, hygrometers, scales, standard measures and delicate balances are required to make the investigations what they should be, and give results that will reflect credit upon the institution.

A large outlay could be profitably made for those purposes, but a moderate appropriation may be sufficient to provide for what is absolutely needed for a beginning.

With care in selecting indispensable articles and the erection of temporary structures for feeding purposes, the sum of from \$300 to \$500 would, perhaps, be sufficient.

MUSEUM.

As a means of instruction and to illustrate the progress of the art of Agriculture some suitable provision should be made for the nucleus of an Agricultural Museum.

Quite a collection of specimens have already been obtained and desirable additions can readily be made if the necessary cases are provided for their preservation.

Museums are of slow growth and their development involves an expenditure of both labor and money. Time is also required to secure anything like a complete series of objects to illustrate any one Department.

The importance of an early beginning in this direction cannot be too strongly urged as the opportunities for obtaining valuable specimens and objects will thereby be very much increased.

One of the most important means of increasing collections, is the exchange of duplicate specimens with other institutions. To provide for such exchanges, a room should be provided for stor-

ing duplicates, and it would also serve as a work-room in which articles intended for the permanent collection can be suitably mounted for exhibition.

If these facilities are furnished, it is believed that a valuable museum may soon be secured, with but a moderate outlay of money.

Respectfully submitted.

M. MILES,
Professor of Agriculture.

December 1, 1875.

REPORT OF HEAD FARMER.

To M. MILES, *Professor of Agriculture Ill. Ind. University:*

I herewith present a statement showing the operations and accounts of the farm for the year ending December 1, 1875. The crops raised have been as follows:

Corn.....	153 acres.
Oats.....	22 "
Pasture.....	150 "
Meadow.....	130 "
Potatoes.....	4 "
Rye.....	6 "
Total.....	465 "

There has also been raised for the experimental department, as follows:

Corn.....	17 acres.
Rye.....	2 "
Spring wheat.....	3 "
Winter ".....	2 "
Oats.....	4 "
Pumpkins and squashes.....	1 acre.
Potatoes.....	1 "
Beets.....	1 "
Broom corn.....	1 "
Hungarian and Millet.....	7 acres.
Total.....	39 "
Grand total.....	504 "

The 170 acres of corn gave a total yield of 8,370 bushels, 48 8-10 bushels per acre. That on the Stock Farm gave from 50 bushels, the lowest, to 60 bushels, the highest. On the experimental farm, from 85 bushels on the experimental acre, to 30 bushels in the orchard.

Oats, on account of excessive rains, were nearly a failure.

On account of the drought of last year and the lateness of the spring causing late pasture, cattle had to be fed on 70 cent corn and \$15 hay till into May, and did not thrive till the middle of June; since then pasture has been good.

The meadows yielded well, and notwithstanding the almost daily rains from beginning to ending of haying, the crop was saved in good order. Some has been sold in Washington City, Baltimore, Wheeling, &c., and bringing the first price.

For an account of the sales and credits, see paper accompanying this report marked "A." For details of the account of credits from other Departments see papers on file in the office of the Business Agent.

For a showing of the account of permanent improvements, see paper marked "B." This has been made from actual cost of material and labor, all the work having been done without the employment of a mechanic, and charging my own work with the rest, at \$1.50 per day. The painting of the buildings, amounting to \$220, has been classed as ordinary expenses. The painting of the house was charged over to the Agricultural Department.

Enough new tools have been added, together with repairs of old ones, to make the stock of wagons, plows, tools, etc., as good as at the beginning of the year.

For inventory of salable property, see paper marked "C."

For showing of expense account, see paper marked "D."

Vouchers covering this account are on file in the Business Agent's office numbered from 1 to 96. Over one-half of the item of Labor and Board is compensated for in the item of Credits from other Departments, which is largely made for Farm and other Labor.

By comparing the Expense Account with Receipts and Credits, charging the inventory of one year ago and giving credit for the present inventory and for Permanent Improvements a balance of profits is found of \$3,216 64. At the meeting of the Trustees in March last, the balance due the Farm amounted to \$2,039 19, together with the earnings of the Farm, was appropriated for the use of the Department. This gives us a present credit, from that date, of \$7,709 57, and a debit of \$7,407 08, and a balance of \$903 19. At the beginning of the old year, March 1, 1873, the salable property was inventoried at \$4,225 82, and a loan was made to stock the Farm. Since then this loan has been paid and the inventory increased to \$10,383 60. An increase of \$6,157 78. Then there was a balance on account against us of \$328 19. Now there is one in our favor of \$903 19, a difference of \$631 38, which, if added to the increase of inventory, would make a total increase of assets of \$6,789 16. The improvements made on the Stock Farm have paid for themselves, (except the engine and boiler) but about \$1,200 00 has been expended on the Experimental Farm from which but little returns have been as yet made. Taking all things into consideration, I am gratified with the advance that has been made.

Respectfully submitted.

E. L. LAWRENCE,
Head Farmer.

URBANA, Dec. 1, 1875.

"A."—Agricultural Department Account for the Year ending Dec. 1, 1875.

1875.	CR.		
December 1	By sales of hay.....	\$961 77	
" "	" hogs.....	1,217 25	
" "	" fat cattle.....	2,211 22	
" "	" Herreford cattle.....	240 00	
" "	" Ayshire ".....	100 00	
" "	" Jersey calf.....	50 00	
" "	" potatoes.....	74 01	
" "	" straw.....	5 25	
" "	" parsnips.....	35 40	
" "	" vinegar.....	38 60	
" "	" rye.....	10 50	
" "	" corn.....	13 92	
" "	" apples.....	50 23	
" "	" cash for pasture.....	42 81	
" "	" service of bulls.....	210 25	
" "	" premiums.....	87 00	
" "	" work.....	23 00	
" "	" other sales.....	41 21	
" "	" departments.....	1,681 64	
" "	" permanent improvements.....	543 79	
" "	" present inventory.....	10,383 60	
			\$18,021 45

"B."—Cost of Permanent Improvements for the Year Ending Dec. 1, 1876.

Barn on Experimental Farm—			
Lumber.....	\$146 25		
Labor.....	160 25		
Hardware.....	45 24		
			\$351 74
Barn on Stock Farm—			
Material.....	14 00		
Labor.....	61 75		
			75 75
Cattle Yards—			
Lumber.....	28 80		
Labor.....	8 09		
			36 80
Grading—			
Around Barn and Crib.....	38 00		
Share of road.....	8 25		
			46 25
Other Improvements—			
Work on growing hedge.....	10 00		
Raising Corn Crib.....	7 25		
Ditching.....	10 00		
Setting Trees.....	6 00		
			33 25
Total.....			\$543 79

"C."—Inventory of Salable Property.

1875.			
Dec. 1	16 fat steers, av. 1,400, $4\frac{3}{4}$ c.....		\$1,064 00
	14 stockers, 12,750 lbs., $3\frac{1}{2}$ c.....		446 25
	36 feeders, 44,480 lbs., 4c.....		1,779 20
	12 fat hogs.....		156 00
	87 shoats, \$5.....		435 00
	14 breeders, \$15.....		210 00
	1 boar		15 00
	1 pair horses, (raised on the farm).....		500 00
	1 short-horn bull.....		200 00
	1 " cow.....		300 00
	1 " heifer.....		150 00
	1 Jersey bull.....		100 00
	2 " cows.....		300 00
	2 " heifers.....		150 00
	1 Devon cow.....		75 00
	1 cross-bred yearling.....		50 00
	1 " calf.....		25 00
	5,175 bu. corn, 35c.....		1,811 25
	650 shocks corn, 2 bu., 90c.....		595 00
	230 " $1\frac{1}{2}$ bu., 60c.....		138 00
	100 tons hay in barns.....		1,000 00
	24 " in stacks.....		120 00
	40 " straw, \$2.....		80 00
	300 bushel potatoes, 25c.....		75 00
	200 " beets, 10c.....		20 00
	400 " wheat.....		400 00
	256 " rye, 65c.....		166 40
	300 " oats, 30c.....		90 00
	65 " Hungarian seed, 50c.....		32 50
	Private accounts less debts.....		40 00
	1 milch cow.....		60 00
			\$10,383 60

"D."—Agricultural Department, Account for the Year ending Dec. 1, 1875.

1875.	DR.		
December 1	To cash for stock cattle.....		\$2,216 12
	" " hogs.....		113 17
	" " corn and feed.....		542 09
	" " labor and board.....		2,888 70
	" " hardware.....		100 27
	" " harness repairs.....		18 25
	" " reaper and mower repairs.....		22 65
	" " plow.....		19 75
	" " wagon.....		18 55
	" " new plow.....		18 35
	" " cultivator.....		25 00
	" " iron pump.....		15 00
	" " salt.....		12 55
	" " shoeing and blacksmithing.....		25 95
	" " short horn heifers.....		285 00
	" " lumber.....		194 94
	" Head Farmer's salary.....		1,200 00
	" freight.....		59 38
	" Horticultural Department account.....		102 00
	" Experimental " (produce).....		395 90
	" Architectural ".....		6 26
	" Mechanical ".....		10 33
	" cash for grass seed.....		68 95
	" account for paint.....		165 55
	" cash for unenumerated articles.....		38 84
	" inventory of Dec. 1, 1874.....		6,241 26
	" balance, profits of the year.....		3,216 64
			\$18,021 45

The report of the Business Agent was then read and accepted.

REPORT OF BUSINESS AGENT.

URBANA, December 14, 1875.

To EMERY COBB, Esq., *President Board of Trustees, Illinois Industrial University* :

SIR—I have the honor to make the following report as Business Agent, for the three months ending December 1, 1875 :

Of the enclosed papers, "A" shows the present condition of the appropriations made on September 14.

"B" is a list of the warrants issued under them.

"C" is a list of unaudited bills presented.

"D" is a classification of such bills, showing the appropriations under which they will come.

The expenditures for buildings and grounds have been heavy, but seemed necessary. The walk on the west side of the parade ground has been put in good condition. The roof, chimneys and water conductors of the old building have been thoroughly repaired. The large southwest basement room of new building has been fitted up for a gymnasium. Double windows made for three of the rooms of the new building, besides the usual repairs. It will be necessary to increase this appropriation for the next three months.

I recommend that the \$181 55 which the Architectural Department had overdrawn at the September meeting be now placed to the credit of B. & G., the same being charged against the Department.

The cash collections for the Architectural and Mechanical Departments have not been as large as usual, but the amount of the work done is quite equal to that of the past. Both of the Departments have good bills on which I expect to make collections in January. Both Departments have credits under their appropriations, if the credit warrants are considered.

The Machine Shop has given 2,101½ hours labor to the students at a cost to the University for wages of \$319 14.

The Carpenter Shop has given 2,103½ hours labor at a cost for wages of \$379 72. In case of the Machine Shop the Foreman's pay is not included in the above statement, and hence the seeming lower rates for that shop. Both shops run four hours each day for commercial work.

The receipts of the Horticultural Department are so small that it will be necessary to overdraw its credit if Mr. Hay's salary is charged against it. Prof. Burrill will present the matter to the Trustees.

In this connection I wish to inform you that the department has two notes overdue by a year or more, on which small amounts have been paid, but that it seems impossible to collect the balance by asking. The notes are from, 1st, M. L. Dunlap & Sons, for \$140 84, on which has been paid \$30; 2d, J. N. Green, for \$45, on which has been paid \$10. I wish instructions in the matter.

Mr. Mann, our janitor and heating engineer of the new building for the last two years, left the first part of the present month. His brother has the position for the present, but it is expected other arrangements will be required at the end of the term. The pay given for the services will command a good man, I believe.

It seems desirable that we should be better quartered against fire than at present. I recommend that the purchase of 150 feet of 1 inch rubber hose be authorized. This attached to the water pipe from the water tanks, would enable a person to get water upon a fire in any of the rooms in the new building. I would also recommend the purchase from the Illini of two fire extinguishers at \$30 each, it being a discount of one-half. One of these I would place in the machine shops and one in the chemical laboratory. The required amount to carry out the above recommendations can be had from the fuel and light appropriations. Several questions as to repairs and changes in society halls in the University, have come up. It might be well for the Trustees to settle it in as definite a manner as possible the conditions under which these halls are occupied.

Respectfully submitted

S. W. SHATTUCK, *Business Agent.*

"A."—Statement of Current Expenses and Receipts, November 30, 1875.

	Appropriated.	Receipts.	Expended.	Unexpended
Board expenses.....	\$230 00		\$65 20	\$164 80
Salaries—				
Regent.....	\$2,000 00			
7 Professors.....	7,000 00			
1 Professor.....	1,500 00			
1 Professor.....	750 00			
1 Professor.....	800 00			
1 Assistant Professor.....	750 00			
Veterinary.....	600 00			
Miss Allen.....	720 00			
Parsons.....	420 00			
Swartz.....	450 00			
Baker.....	360 00			
Robinson.....	240 00			
Assistant Librarian.....	90 00			
Janitor and fireman.....	780 00			
Treasurer.....	250 00			
Business Agent.....	200 00			
Military assistants.....	70 00			
	18,120 00		8,847 12	9,272 88
Fuel and lights.....	2,500 00	\$54 53	266 68	2,287 85
Buildings and grounds.....	500 00	26 05	267 22	258 83
Stationery and printing.....	300 00		41 74	258 26
Incidental expenses.....	300 00	7 50	47 34	260 16
Mechanical Department.....	180 41	223 22	393 93	9 70
Architectural Department.....	120 00	100 41	422 11	
Agricultural Department balance.....	146 52	2,268 06	1,738 87	675 71
Chemical Department—				
Balance.....	\$49 77			
Desks.....	180 00			
	229 77	15 82	131 78	113 81
Military and Gymnastics.....	265 00		36 60	228 40
Library and apparatus.....	500 00		155 05	344 95
Horticultural Department.....	136 84	60 74	224 36	
Physical Laboratory.....	950 00		25 84	924 16
Veterinary Department, State.....	1,088 02		98 76	989 26
Printing Office, State.....	82 78		22 15	60 63
Sundries—				
Library tables.....	116 00			116 00
Engineering cases.....	60 00			60 00
Engineering transit.....	550 00			550 00
Chicago Exposition.....	50 00		43 35	6 65
Kenis, one-half salary June.....	25 00		25 00	
Centennial Exposition.....	200 00			200 00
Microscope, botanical.....	100 00		10 00	90 00
Architectural model of ventilator.....	35 00			35 00
Bottles, etc., cabinet.....	75 00			75 00
Salary C. C. Silver.....			100 00	
Fees and room rents.....		2,912 00		2,912 00
	\$26,860 34	\$5,668 33	\$12,963 10	

"B."—Abstract of Warrants.

No.	To whom.	For what.	Amount.
1	J. M. Gregory	Salary, September 1875.....	\$333 33
2	S. W. Robinson.....	" "	166 66
3	T. J. Burrill.....	" "	166 66
4	S. W. Shattuck.....	" "	200 00
5	E. Snyder.....	" "	166 66
6	D. C. Taft.....	" "	166 66
7	J. B. Webb.....	" "	166 66
8	J. C. Pickard	" "	166 66
9	M. Miles.....	" "	250 00
10	N. C. Ricker.....	" "	125 00
11	J. D. Crawford	" "	125 00
12	H. A. Weber.....	" "	133 33
13	E. L. Lawrence.....	" "	100 00
14	C. E. Patchin.....	" "	50 00
15	Lou C. Allen.....	" "	120 00
16	F. W. Prentice.....	" "	100 00
17	A. C. Swartz.....	" "	75 00
18	I. O. Baker.....	" "	60 00
19	F. A. Parson.....	" "	70 00
20	E. A. Robinson.....	" "	83 33
21	M. A. Scovell.....	" "	40 00
22	A. E. Barnes.....	" "	40 00
23	J. Kenis.....	" "	60 00
24	C. I. Hays.....	" "	50 00
25	H. A. Mann.....	" "	100 00
26	A. Blackburn.....	Expense to September meeting.....	17 25
27	R. B. Mason.....	" " " "	5 00
28	A. M. Brown.....	" " " "	22 10
29	D. D. Sabin.....	" " " "	20 85
30	E. T. Benjamin.....	Chemical apparatus.....	97 52
31	Fuller & Fuller.....	Window glass.....	12 92
32	J. Kenis.....	One-half salary for June, 1875.....	25 00
33	S. W. Robinson.....	Expenses to Chicago.....	27 30
34	Webster, Davis & Co.....	1 bbl cement.....	3 50
35	Burgess, Willows & Francis.....	Apparatus.....	40 16
36	J. W. Keys.....	Painting muslin sign.....	2 75
37	J. M. Gregory.....	Books, etc.....	28 00
38	Sterns & Co.....	1 bbl. stucco.....	4 00
39	Joseph McCorkle.....	96 lbs. felt paper.....	6 00
40	Enterprise Coal Co.....	11 cars coal.....	124 00
41	J. D. Weeks.....	Gravel and sand.....	33 43
42	A. J. Bicknell.....	Manilla paper.....	9 00
43	E. L. Lawrence.....	Farm expense September, 1875.....	918 78
44	S. W. Shattuck.....	Students' pay-roll.....	234 91
45	R. A. Sutton.....	825 brick.....	6 60
46	S. W. Shattuck.....	Petty expenses September.....	13 42
47	E. N. McAllister.....	Postage July and September.....	18 62
48	A. Brown.....	Repairing furnace, etc.....	47 31
49	W. F. Pratt.....	" roof of building.....	138 57
50	H. Swannell.....	Books.....	8 00
51	J. M. Gregory.....	Salary for October, 1875.....	333 33
52	T. J. Burrill.....	" "	166 66
53	S. W. Robinson.....	" "	166 66
54	S. W. Shattuck.....	" "	200 00
55	E. Snyder.....	" "	166 66
56	D. C. Taft.....	" "	166 66
57	J. B. Webb.....	" "	166 66
58	J. C. Pickard	" "	166 66
59	M. Miles.....	" "	250 00
60	H. C. Ricker.....	" "	125 00
61	J. D. Crawford	" "	125 00
62	H. A. Weber.....	" "	133 33
63	E. L. Lawrence.....	" "	100 00
64	C. E. Patchin.....	" "	50 00
65	Lou C. Allen.....	" "	120 00
66	F. W. Prentice.....	" "	100 00
67	A. C. Swartz.....	" "	75 00
68	J. O. Baker.....	" "	60 00
69	F. A. Parsons.....	" "	70 00
70	E. A. Robinson.....	" "	83 33
71	M. A. Scovell.....	" "	40 00
72	A. E. Barnes.....	" "	40 00
73	J. Kenis.....	" "	60 00
74	C. I. Hays.....	" "	50 00
75	H. A. Mann.....	" "	100 00
76	Champaign & U. Gas Co.....	Gas bill Jan. 1, to Oct. 1.....	52 00

"B."—*Abstract of Warrants*—Concluded.

No.	To whom.	For what.	Amount.
77	L. W. Morris	Freight and charges on apparatus from Europe...	\$19 40
78	Manspeaker & Camp	Brooms, pails, etc.....	3 40
79	F. W. Christern.....	Books.....	60 10
80	J. W. Butler.....	Paper.....	22 15
81	Alex. A. Ulrich.....	Hardware.....	11 87
82	Fuller & Fuller.....	Chemicals.....	7 39
83	Jones & Laughlin.....	Iron.....	7 70
84	C. Kinnecke & Co.....	Flower pots.....	10 75
85	Jansen McClurg & Co.....	Books.....	7 20
86	H. W. Sawyer.....	Tuning two pianos.....	9 00
87	S. W. Robinson.....	Expenses to Chicago.....	11 80
88	Western Elect. Manufacturing Co.....	Wire and Insulators.....	8 40
89	George P. Christie.....	B-trombone, second-hand.....	10 00
90	John Muller.....	Painting and glazing.....	8 60
91	Jansen, McClurg & Co.....	Chauveau's Anatomy.....	9 60
92	Torrey & Bradley.....	Dissecting instruments.....	14 40
93	Champaign County Gazette	Warrant book and printing.....	17 00
94	Enterprise Coal Co.....	5 cars coal.....	78 00
95	Ludington, Wells & Van Schack.....	Lumber.....	85 00
96	G. Denerlich.....	Book and periodicals.....	47 40
97	Crane Bro's Manufacturing Co.....	Hardware.....	34 34
98	Fuller & Fuller.....	Tubing and paints.....	147 28
99	Hallock, Holmes & Co.....	Lace leather packing, &c.....	12 11
100	Agricultural Department	Expenses for October, '75.....	373 33
101	Students labor.....	Pay-roll October, 1875.....	366 63
102	Walker Bros.....	Fencing guns.....	8 65
103	M. E. Lapham.....	Lumber.....	54 63
104	C. W. Silver.....	Salary June, 1875.....	100 00
105	J. W. Shuck.....	Picture frames.....	2 75
106	Fulks & Parker.....	Pump.....	6 90
107	Illinois Central R. R. Co.....	Freights.....	1 62
108	J. M. Gregory.....	Salary November, '75.....	333 33
109	S. W. Robinson.....	" ".....	166 66
110	T. J. Burrill.....	" ".....	166 66
111	S. W. Shattuck.....	" ".....	200 00
112	E. Snyder.....	" ".....	166 66
113	D. C. Taft.....	" ".....	166 66
114	J. Burkitt Webb.....	" ".....	166 66
115	J. C. Pickard.....	" ".....	166 66
116	Manly Miles.....	" ".....	250 00
117	N. C. Ricker.....	" ".....	125 00
118	J. D. Crawford.....	" ".....	125 00
119	H. H. Weber.....	" ".....	133 33
120	E. L. Lawrence.....	" ".....	100 00
121	Charlotte E. Patchen.....	" ".....	50 00
122	Lou C. Allen.....	" ".....	120 00
123	F. W. Prentice.....	" ".....	100 00
124	A. C. Swartz.....	" ".....	75 00
125	J. O. Baker.....	" ".....	60 00
126	F. A. Parsons.....	" ".....	70 00
127	E. A. Robinson.....	" ".....	83 33
128	M. A. Scovell.....	" ".....	40 00
129	A. E. Barnes.....	" ".....	40 00
130	J. Kenis.....	" ".....	60 00
131	C. J. Hays.....	" ".....	50 00
132	H. A. Mann.....	" ".....	100 00
133	Joe Ness.....	" ".....	20 00
134	J. E. Bumstead.....	" ".....	10 00
135	G. B. Cooper.....	Collection of insects.....	10 00
136	Nicolet & Schoff.....	Printing labels.....	2 25
137	S. W. Shattuck.....	Petty expense, October.....	32 30
138	Chas Hurdy.....	Calsomining, painting.....	33 12
139	E. N. McAllister.....	Postage, October, '75.....	10 24
140	Benneman & Wilson.....	photographic apparatus.....	8 55
141	" ".....	" ".....	17 29

"C."—*Unaudited Bills.*

No.	To whom.	For what.	Amount.
142	L. R. Noble.....	Work and expense in armory.....	14 75
143	A. M. Coffern.....	Books.....	5 10
144	Dodson & Hodges.....	Hardware.....	45 46
145	E. V. Peterson.....	Books and stationery, etc.....	24 95
146	G. A. Wild.....	Birds.....	67 83
147	S. W. Shattuck.....	Petty expenses, November, 1875.....	9 50
148	A. S. Barnes.....	Freight charges on box from Paris.....	11 96
149	Walter P. Ward.....	Glazing.....	2 90
150	A. Snedeker.....	Castings.....	39 35
151	H. Swannell.....	Chemicals, books, etc.....	16 80
152	Fuller & Fuller.....	Glass.....	33 50
153	N. C. Thayer.....	Chemicals.....	4 60
154	J. W. Butler.....	Paper.....	14 65
155	E. N. McAllister.....	Postage, November, 1875.....	5 25
156	Illinois Central R. R. Co.....	Advanced freight.....	11 66
157	Stearns & Co.....	1 bbl. stucco.....	4 00
158	Crane Bro's Manufacturing Co.....	Hardware.....	5 90
159	Lyon & Healy.....	1 calf head.....	4 75
160	Crane, Breed & Co.....	Hardware.....	13 62
161	Ill. Cent. R. R. Co.....	Freight for Sept., Oct., Nov., 1875.....	395 10
162	Students' pay rolls.....	November, 1875.....	272 68
163	Mechanical Department.....	Work for other departments.....	84 28
164	Architectural ".....	" " ".....	624 82
165	Experimental ".....	Produce to Agricultural Department.....	395 90
166	Agricultural ".....	Farm expense, November, 1875.....	411 80
167	Agricultural ".....	Work for other departments.....	554 85
168	Trevett & Green.....	Hardware.....	60 70
169	Illini.....	Advertising.....	60 00
170	Horticultural Department.....	Work for buildings and grounds.....	97 90

S. W. SHATTUCK, *Business Agent.*

Table "D."

	Cr. War- rants.	Unaud- ited.
Chemical Department.....		\$195 16
Fuel and lights.....		391 49
Buildings and grounds.....		33 50
		371 93
		1 90
Stationery and printing.....		86 60
Incidentals.....		20 38
Mechanical Department.....		209 46
Architectural.....	\$84 28	215 59
Agricultural ".....	624 42	84 00
Military ".....	554 85	873 21
Library and apparatus.....		36 32
Horticultural Department.....		95 66
Physical laboratory.....	97 90	237 96
Veterinary Department.....		15 31
Printing office.....		153 30
Lund's library tables.....		14 65
" Civil Engineering Department.....		96 00
" Chicago Exposition.....		2 40
" Centennial ".....		18 01
" Cabinet.....		4 60
" Experimental farm.....		4 10
Room rents from Horticultural rooms.....	395 90	118 03
		12 00

The bills presented for payment were audited and allowed.
Adjourned to meet at 8 A. M. December 15.