

## MEETING OF MARCH 12, 1895.

The Board of Trustees of the University of Illinois met in the University Parlor, Urbana, at 3 o'clock p. m., Tuesday, March 12, 1895. The members present were Messrs. Armstrong, Bullard, Graham, Inglis, McLean, Morgan, Morrison, Raymond, Dr. Julia H. Smith, and Mrs. Flower; absent, Governor Altgeld and Mr. Judy.

The newly elected members, Messrs. McLean, Bullard, and Mrs. Flower, had already taken and filed the required oath of office.

The minutes of the meetings of December 5, 1894, and January 10, and February 12, 1895, were approved.

The President announced as the next business the election of a President of the Board for the ensuing year, stating at the same time that he was not himself a candidate for re-election. Mr. Bullard nominated Mr. Armstrong, and Mr. McLean nominated Mr. Morrison. On the twelfth ballot Mr. Graham received five of the eight votes cast, and was declared elected. The election was made unanimous on motion of Mr. Morgan.

On motion of Mr. Morgan, W. L. Pillsbury was elected Corresponding and Recording Secretary and Registrar, with a salary of \$1,200 a year.

On motion of Mr. Morrison, Mr. Charles W. Spalding was elected Treasurer, his bond to be in the same amount as heretofore—\$600,000.

President Draper presented the following report:

## PRESIDENT'S REPORT.

URBANA, ILLINOIS, March 12, 1895.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: By action of the Board the term of service of professors, assistant professors, and associate professors is at the pleasure of the Board, so that they continue indefinitely in the absence of action to the contrary. The service of members of the corps of instruction who come within these classes is reasonably satisfactory. However, it seems to me that circumstances have so changed at one or two points in our work as to render changes in the arrangements touching professors advisable.

Without attempting to give here all the reasons for the recommendation, I advise that the services of the assistant professor of psychology be discontinued after the present year, and that a suitable person be employed who is primarily adapted to the examination of high schools seeking place upon our accredited list, and who shall spend as much of his time for that purpose as may be deemed necessary and the remainder of his time in work at the Uni-

versity, and that the courses heretofore assigned to the professor of pedagogy, the assistant professor of psychology, and the instructor in philosophy, be rearranged to conform to the readjustment.

The whole question of reorganization of the Agricultural Department is now open and demands your attention at this time. You will remember that Professor Davenport was engaged as Dean of the college, as a member of the staff of the Experiment Station, and as a professor; but the title of his professorship was left for determination after consultation with him. It has been generally agreed that the whole subject of general agriculture has become too large to be properly in charge of one man. The ground can be covered in the most superficial way only, either in investigation or instruction, by any one person, and superficial work cannot be tolerated with us. Your consideration is therefore asked to a division of the department, as follows:

1. A subdivision including the breeding, feeding, and care of animals.
2. A subdivision of agriculture proper, or the specialties concerning soils and crops.
3. Dairy manufactures.

Professor Davenport desires that the first of these divisions be assigned to him and that he be styled Professor of Animal Husbandry. In addition to the specialties thus defined the subject of comparative agriculture may be added to the duties of this chair, so that the head of the general department shall lecture upon the inter-relations and comprehensive bearings of all agricultural topics among themselves and to other subjects.

As chief of the second division some one should be appointed with the rank and title of associate professor of agriculture, with the understanding that more definite designation of title may sometime be made. The salary proposed at the outset is \$1,600.00 to be divided equally between the instruction account and the Experiment Station, and the time of beginning of service September first.

The third division should be organized as soon as practicable. An initial salary of \$1,200.00 and the rank of assistant professor may be named for one who should have charge of this work.

In studying the conditions and prospects of the College of Agriculture the subject of veterinary science must be included. The course of instruction at present offered is insufficient to prepare students to become reputable practitioners in what is now one of the regular professions. On the other hand the student of general agriculture can hardly find time for the full course as now given, nor do his requirements seem to demand it. It therefore seems policy to establish a full course from which students may graduate as professional veterinarians, or to reduce the instruction to that concerning the common diseases of domestic animals, to meet the needs of agriculturists.

The first of these proposals would require the appointment of at least one more professor; the second would demand instruction in the winter term only. Under all the circumstances of the case, with the recent establishment elsewhere of veterinary colleges apparently equal to the demand, the latter alternative seems to be the advisable one, if any change is to be made.

The question of filling the two new positions mentioned, if these are created, is a very important one and must be left for further consideration. The success of the movement so depends upon the persons appointed that the utmost care must be taken in the selection of the man or men deemed best fitted for the work, whether or not this means the advancement of any one now employed.

In the further development of the horticultural department the creation of an assistant professorship, with a salary of not less than \$1,500.00 to be divided between the instruction account and the Experiment Station, is recommended, subject to the same conditions in regard to appointment as the above.

I am of the opinion that an important readjustment in the sphere of physical culture and athletics is advisable. The arrangement of the last year has been highly unsatisfactory. The same theories and general plan should pre-

vail upon the same subject throughout the University and apply so far as practicable to men and women alike. It is recommended that the services of the present instructors be discontinued and that a single department of physical training be established, with a director at its head who shall have general direction of all the work in that line, and that an instructor or assistant be provided to act under his direction in carrying on such work as may probably be delegated to such a person. There is reason to believe that greater efficiency and more harmony of action would result from the arrangement, with a smaller expenditure of money. What money can be saved by this arrangement may well be devoted to assist in the employment of expert coaches for one or more of the athletic teams. A director could probably be secured who could coach one or more of these teams, but it is hardly practicable to secure one who could render that service to all. I am much interested in our physical training and athletic sports. It is important that a competent authority in the University should be charged with the duty of looking after the health and sound physical development of not a few, but of all the students. It is important that we also encourage and at the same time exercise such control as may be necessary over the athletic sports. We shall find ourselves discredited in the minds of students, and measurably so in the minds of the public, if we neglect to do this, for it has come to be an important avenue for gaining public attention. We shall doubtless find that such management will promote good fellowship and, if well directed, stimulate a healthful moral tone among the students.

It is recommended that the following instructors be reappointed for the ensuing year, but upon the understanding that their precise positions, duties, and salaries, will be determined at the June meeting, viz: George Washington Parker, George Perkins Clinton, Thomas Arkle Clark, Cyrus Daniel McLane, Cyril Balfour Clark, Herman S. Piatt, James David Phillips, Charles Alexander Gunn, William Esty, Bernard Victor Swenson, Albert Root Curtiss, Frank Smith, Lorin William Peabody, George Washington McCluer, Henry Jones, Helen Eliza Butterfield, Jeremiah George Mosier, Harry Sands Grindley, Robert Clarke Vial, Fred Anson Sager.

I also recommend the reappointment of Percy Favor Bicknell as librarian, and of Edward Gardnier Howe as principal, and Nathan Austin Weston and Lillie Adelle Clendenin as instructors in the Preparatory School.

Miss Alice May Barber does not desire reappointment.

As to instructors and assistants not named above I can only say that I am not yet prepared to recommend their reappointment.

It seems to me that the interests of the University imperatively call for the organization of a department of music, and I suggest that the Board at least authorize the initiatory steps in that direction. Very respectfully,

A. S. DRAPER.

*President.*

Professor Shea presented his resignation, which was referred to President Draper and Mr. Armstrong.

A petition was received from a number of students asking that, if possible, provision be made for instruction in political science and jurisprudence in the College of Literature and Arts. The petition was referred to the Committee on Instruction.

A letter was received from the editor and the business manager of the *Illio* asking for assistance from the Board in paying their publication expenses. This letter was laid over until the next meeting of the Board.

Messrs. Morgan, Armstrong and Morrison were appointed a committee to prepare resolutions with regard to the suspension of certain students for hazing. President Draper made a full explanation of the action taken by the Council of Administration with regard to this suspension.

The Board adjourned to meet at 9 o'clock Wednesday morning.

#### SESSION OF WEDNESDAY MORNING.

When the Board met pursuant to adjournment, the same members were present as Tuesday afternoon, except Dr. Smith and Mrs. Flower.

On motion of Mr. Armstrong, Dr. Draper and Professor Shattuck, the Business Agent, were authorized to make arrangements to take care of the legislative committee which was expected to visit the University Friday. They were given power to spend such a sum of money for this purpose as might be found necessary,

Messrs. Yeager & Schultz, contractors on Engineering Hall, were, on motion of Mr. Morgan, given an opportunity to state their reasons for asking a remission of the penalty enforced against them on account of their delay in completing the building according to the terms of the contract. After they had been heard, it was voted, on motion of Mr. Morrison, that the contractors should present their claims to the Committee on Buildings and Grounds, when appointed.

The request of W. O. Krohn for an appropriation to meet expenses incurred and future expenses in the psychological laboratory was referred to the Committee on Finance.

On motion of Mr. Bullard, Messrs. McLean and Morrison were elected members of the Executive Committee of the Board.

The President announced the standing committees of the Board as follows:

*Farm*—Isaac S. Raymond, chairman; N. B. Morrison, Alex. McLean, J. W. Judy.

*Buildings and Grounds*—Richard P. Morgan, chairman; N. B. Morrison, Alexander McLean, I. S. Raymond.

*Finance*—N. B. Morrison, chairman; S. A. Bullard, J. E. Armstrong.

*Instruction*—J. E. Armstrong, chairman; S. A. Bullard, S. M. Inglis, Dr. Julia H. Smith.

*Publication*—Nelson W. Graham, chairman; President Draper, W. L. Pillsbury.

*Library*—President Draper, chairman; S. M. Inglis, Mrs. Flower, Professor S. W. Shattuck, Percy F. Bicknell.

*Students' Welfare*—Dr. Julia H. Smith, chairman; Mrs. Flower, R. P. Morgan.

The committee last named is a new committee.

President Draper presented the report of the Experiment Station.

## EXPERIMENT STATION REPORT.

URBANA, Illinois, March 12, 1895.

*Dr. A. S. Draper, President University of Illinois,*

SIR:—I beg leave to submit from the Board of Direction of the Agricultural Experiment Station the following:

*Paper A* is a list of warrants drawn, Nos. 81 to 171, inclusive, for the quarter ending December 31, 1894, and is accompanied with vouchers for the same for audit.*Paper B* is a statement of expenditures for the quarter ending December 31, 1894.*Paper C* is a statement of appropriations, expenditures and balances for the quarter ending March 31, 1895.*Paper D* is a statement of appropriations asked for the current quarter and for the next quarter.

## PAPER B—STATEMENT OF EXPENDITURES FOR QUARTER ENDING DECEMBER 31, 1894.

|  |            |
|--|------------|
| Board expense .....                    | \$38 16    |
| Books and publications.....            | 225 28     |
| Bulletins and report.....              | 823 55     |
| Chemical apparatus.....                | 49 76      |
| Fuel and lights.....                   | 71 40      |
| Incidentals.....                       | 5 72       |
| Printing, stationery, and postage..... | 25 57      |
| Salaries.....                          | 1,440 05   |
| Seeds and trees.....                   | 31 50      |
| Tools and supplies.....                | 97 91      |
| Wages.....                             | 589 33     |
| Total.....                             | \$3,398 23 |

## PAPER C—APPROPRIATIONS, EXPENDITURES AND BALANCES, QUARTER ENDING MARCH 31, 1895.

|  | Appropriated. | Expended.  | Balances.  |
|--|---------------|------------|------------|
| Board expenses.....                          | \$40 00       | .....      | \$40 00    |
| Buildings and repairs .....                  | 40 00         | .....      | 40 00      |
| Books and publications .....                 | 50 00         | 83 00      | 47 00      |
| Bulletins .....                              | 700 00        | 13 50      | 686 50     |
| Chemical apparatus and supplies .....        | 75 00         | 57 19      | 17 81      |
| Fertilizers.....                             | 25 00         | 21 50      | 3 50       |
| Fuel and lights .....                        | 100 00        | .....      | 100 00     |
| Incidentals .....                            | 25 00         | .....      | 25 00      |
| Printing, stationery, and postage.....       | 25 00         | 5 34       | 19 66      |
| Salaries .....                               | 1,910 00      | 1,183 31   | 726 69     |
| Seeds and trees .....                        | 70 00         | 2 75       | 67 25      |
| Tools and supplies.....                      | 250 00        | 58 35      | 191 65     |
| Wages .....                                  | 750 00        | 310 00     | 440 00     |
| Sundry experiments—                          |               |            |            |
| Wood durability experiment.....              | .....         | 14 24      | .....      |
| Investigation with regard to irrigation..... | 25 00         | .....      | 25 00      |
| Total.....                                   | \$4,085 00    | \$1,669 18 | \$2,430 06 |

## PAPER D—ESTIMATES.

|  |            |
|--|------------|
| <i>Quarter ending March 31, 1895.</i>  |            |
| From general fund—                     |            |
| Botanical apparatus.....               | \$10 00    |
| Wood durability experiment.....        | 50 00      |
| Total.....                             | \$60 00    |
| <i>Quarter ending June 30, 1895.</i>   |            |
| From general fund—                     |            |
| Board expenses.....                    | \$40 00    |
| Books and publications.....            | 50 00      |
| Botanical apparatus.....               | 10 00      |
| Bulletins.....                         | 300 00     |
| Chemical apparatus.....                | 50 00      |
| Fuel and lights.....                   | 100 00     |
| Incidentals.....                       | 25 00      |
| Printing, stationery, and postage..... | 25 00      |
| Salaries.....                          | 1,960 00   |
| Seeds and trees.....                   | 30 00      |
| Tools and supplies.....                | 200 00     |
| Wages.....                             | 1,250 00   |
| Wood durability experiment.....        | 50 00      |
| Total.....                             | \$4,090 00 |
| From farm fund—                        |            |
| Buildings and repairs.....             | \$400 00   |
| Irrigation experiment.....             | 125 00     |
| Total.....                             | \$525 00   |

The Board of Direction asks authority to undertake these two lines of investigation:

1. Soil experiments with field crops.
2. Irrigation experiments.

The other work which the Board proposes to carry on is along the lines already authorized.

The Board of Direction, until its next meeting, will retain its present staff at salaries now paid.

Respectfully submitted,

T. J. BURRILL,  
President Board of Direction.

Authority was given the Board of Direction to carry on the new experiments named in its report, and appropriations were made for expenses of the Station, according to the estimates presented.

The Secretary reported that E. E. Chester, of Champaign; E. A. Riehl, of Alton, and H. B. Gurler, of DeKalb, were recommended for membership in the Board of Direction of the Experiment Station by the Illinois State Board of Agriculture, the State Horticultural Society, and the State Dairymen's Association, respectively. They were, thereupon, elected members of the Board of Direction.

Messrs. Raymond and Morrison, and Professors Burrill, Forbes, and Davenport were also elected members of the Board of Direction. Professor Burrill was made President of the Board of Direction, and Messrs. Raymond and Morrison were appointed members of its Executive Committee.

Dr. A. S. Draper was elected President of the University for the next two years, at a salary of \$7,000 per annum.

A request having been presented for the opening of White street, across the north campus, the following resolution was adopted on motion of Mr. Morrison:

*Resolved*, That the opening of White street, through the University grounds, is undesirable because it would be destructive of the drill ground and athletic park, and that the officers of the Board be directed to take any necessary steps to prevent the consummation of any movement in that direction.

The matter of reorganization of the department of Psychology was, after some discussion, referred to the Committee on Instruction, and President Draper, with power to act.

President Graham called Mr. Bullard to the chair and he presided for the rest of the session.

On motion of Mr. Armstrong, the recommendations of the President, with regard to the reorganization of the Department of Agriculture, were referred to the Committee on Instruction.

On recommendation of the Finance Committee, further consideration of Professor Krohn's bill was postponed till the June meeting.

The following resolution was adopted with regard to the Department of Physical Training:

*Resolved*, That after the present University year, the physical training, both as to men and women, be embraced in a single department, to the end that there may be uniformity of theory and procedure upon a single subject throughout the University, and that a director of this department be appointed at a salary of \$1,600 per annum, with an assistant at \$700 per annum, and that the President of the University be authorized to expend not to exceed \$400 per year in employing expert assistants to coach the athletic teams.

The following resolution concerning the Department of Music was adopted:

*Resolved*, That the President of the University be requested to report to the Board, as soon as practicable, a plan for starting a department of music, indicating what instructors should be employed, naming suitable persons whose services can be secured and the salaries it may be necessary to pay them, to the end that the Board may determine whether it is practicable to make such a move.

On motion of Mr. Raymond, the following resolution was adopted:

*Resolved*, That Professor Eugene Davenport's title be Professor of Animal Husbandry.

Instructors were reappointed for the ensuing year in accordance with the recommendations made in the President's report.

Professor J. D. Bruner's resignation of the professorship of Romance languages was accepted. Mrs. J. D. Bruner's (Elizabeth C. Cooley) resignation of the assistant professorship of the German language and literature was accepted.

On motion of Mr. Morrison, \$25,00 was appropriated from the general fund for repairs on the rifle range.

The matter of the safety of the second floor of Machinery Hall was referred to the Committee on Buildings and Grounds.

On Motion of Mr. McLean it was voted that measures be taken to secure the establishment of a United States signal station at the University.

The following papers with regard to experiments with coal were received from Professor Breckenridge and referred to the Committee on Buildings and Grounds:

#### EXPERIMENTS WITH COAL.

UNIVERSITY OF ILLINOIS, URBANA, February 11, 1895.

*President A. S. Draper,*

DEAR SIR: During the present year we have been making a few experiments to determine the evaporative power of several grades of Illinois coal. The results are not what should be obtained with ordinary good coal. The considerable interest taken in the work started here leads me to believe that this University should at once prepare for the most extensive and scientific tests of our coal products. The many devices on the market for smoke prevention should be fully investigated so that the manufacturing interests of the state may have reliable information concerning the efficacy of any of these devices.

A careful survey of the work done by different American and foreign inventors and manufacturers should be made and a bulletin should be issued from time to time giving the results of the investigations as the work advances.

A careful and systematic attempt should be made to endeavor to discover, if possible, in what way a maximum economy may be combined with minimum smoke production.

These tests should be made under practical every day conditions. Boilers of different types should be operated under such conditions as are found at all manufacturing points.

The tests should be made with different sizes as well as grades of Illinois coal.

Careful chemical analysis should be made of the coals used as well as the refuse and escaping gases.

Arrangements should be made so that the draft and air supply may be entirely under the control of the experimenter.

It would also be advisable to arrange so that the air supply may be heated before being used.

You will recognize the importance to our state coal interest that work of this description be undertaken.

In order that this work may be taken up it would be necessary to expend considerable money for suitable apparatus, such as fan blower for pressure, fan blower for exhaust, steam induction blower, engine and air compressor, reheating furnace, anemometers, pyrometers.

Considerable expense would be incurred in setting up and taking down the different devices offered for tests.

It seems to me we should not undertake to do this work unless we could have ten thousand dollars to devote to the work.

We expect to erect, so I understand, a central heating plant. This will contain at least 1,000 H. P. of boilers and suitable chimney.

We could use any of this plant for purposes of this test, but we should provide sufficient room so that builders may come here and erect a boiler and furnace for purposes of testing.



These tests would surely accomplish much good. They would attract considerable attention to our University from all parts of the state, and if possible such tests should be undertaken.

Yours truly,

L. P. BRECKENRIDGE,  
*Professor of Mechanical Engineering.*

UNIVERSITY OF ILLINOIS,  
URBANA, March 12, 1895.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: In accordance with your request made at your last meeting, I have considered the question of experiments in connection with the economical burning of coal under steam boilers. I submit to you a report which I had already prepared for your last meeting, and which did not at that time come to your notice. This report covers the principal features of the case, and is probably what you desire.

I understand that you have decided that a central heating plant is not necessary at the University of Illinois. The crowded condition of our present boiler house will not allow of making experiments on as careful and satisfactory a plan as was anticipated in the report above referred to. It is probable, however, that something can be done; but I am very much opposed to making very much stir outside our regular work, because we can not go into the subject in so careful a manner as we should do if we are to advertise generally throughout the state that we are making scientific tests looking toward the economical consumption of coal and prevention of smoke.

I have received proposals from three different concerns representing as many devices for smoke prevention.

The first two appliances could, with advantage, be experimented with here, and to do that would not involve any serious changes in our boiler construction, but simply the introduction of special grate bars or devices in introducing warm air near the bridge wall.

It occurs to me, however, that it would be more advantageous, as far as results obtained are concerned, if money could be appropriated so that tests could be made of such devices as exist in different parts of the state for producing economical results and smoke prevention, and that we be authorized to go to these places for the purpose of making the test. This would give us an opportunity of testing a larger number of devices than we could possibly afford to test in our present quarters, and I should much prefer to recommend that a small sum, say \$500.00, be appropriated for making tests at Chicago. After this amount was expended we should be able to see how far such money would reach, and what the expense would be of making these tests at the different cities. It would be necessary to go to different places, where the devices exist, obtain permission (which I think it would be possible to do), ship our apparatus to these points, make a series of trials, and then move on to some other place.

I submit these recommendations for your consideration, as requested, believing that something in the line of work indicated is very desirable, and would be of value to the University and state.

Very respectfully submitted,

L. P. BRECKENRIDGE,  
*Professor of Mechanical Engineering.*

A communication from Mr. W. R. Howe, offering to do grading on Green street at prices named, was referred to the Committee on Buildings and Grounds.

Mr. Armstrong, to whom, with President Draper, Professor Shea's resignation had been referred, reported recommending that the

President be instructed to say to Professor Shea that it is the unanimous wish of the Board that he withdraw his resignation.

On motion of Mr. McLean, it was voted that the Business Agent be requested to report to the Committee on Buildings and Grounds the salaries of all employés of the University, except those on the corps of instruction.

The bill of the Electric Lighting and Power Company for power furnished in September and October, 1894, amounting to seventy-eight dollars, was ordered paid from current funds.

The Committee on Buildings and Grounds made the following report, which was adopted, and amount named was ordered paid to G. W. Bullard, architect of Engineering Hall:

URBANA, ILL., March 13, 1895.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your Committee on Buildings and Grounds recommends the payment of the final fee of the architect of the new building, amounting to \$1,044.64.

Respectfully submitted,

S. A. BULLARD,  
N. B. MORRISON,  
R. P. MORGAN,

*Committee on Building and Grounds.*

The Finance Committee made the following report, which was adopted:

URBANA, ILL., March 13, 1895.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your Finance Committee reports that it has examined the vouchers of the Agricultural Experiment Station, Nos. 81 to 171, inclusive, and has found the same correct and duly receipted.

Respectfully submitted,

ALEXANDER McLEAN,  
J. E. ARMSTRONG,

*Finance Committee.*

On motion of Mr. McLean it was voted to pay Messrs. Yeager & Schultz \$4,900, leaving \$100 to be retained till some further work had been done.

On motion of Mr. Morgan the Secretary was directed to write Mr. C. W. Spalding with regard to the employment of Professor McMurry, and also with regard to the rule of the Board concerning the employment of the professors in the University.

The following resolution was adopted on motion of Mr. Morgan:

*Resolved*, That we greatly regret that our venerated wise counsellor and colleague, John H. Bryant, should have felt it imperative, on account of his advanced age and enforced absence in the south, to resign his position as Trustee, and that we extend to him our most cordial best wishes for the remainder of his long and eminently useful life.

The Secretary is instructed to forward a copy of this resolution to Mr. Bryant.

On motion of Mr. Armstrong, Messrs. Armstrong, McLean, and Bullard were appointed a committee to prepare resolutions concerning the services of Mr. McKay while a member of the Board.

The Treasurer's report was received and referred to the Finance Committee.

## TREASURER'S REPORT.

CHARLES W. SPALDING, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,  
FEBRUARY 28, 1895.

| 1894.       | Dr.  |          |              |
|-------------|--|----------|--------------|
| November 30 | To balance   |          | \$145,034 67 |
| December 11 | Received interest, contract No. 62, E. W. Harms, assignee.           | \$250 00 |              |
| " 12        | " " " " No. 81, Frank Topka  | 63 00    |              |
| " 12        | " " " " principal, " " No. 81, Frank Topka                           | 150 00   |              |
| " 15        | " " " " interest, " " No. 83, L. S. Botten                           | 39 20    |              |
| " 15        | " " " " " " " " No. 109, Otto Monson                                 | 28 00    |              |
| " 18        | " " " " from S. W. Shattuck, on general fund                         | 1,001 50 |              |
| " 21        | " " " " principal, contract No. 35, Losey & Martin                   | 600 00   |              |
| " 21        | " " " " interest, " " No. 35, Losey & Martin                         | 48 00    |              |
| " 24        | " " " " principal, " " No. 36, L. L. Ruyle, assignee.                | 1,500 00 |              |
| " 24        | " " " " interest, " " No. 36, L. L. Ruyle, assignee.                 | 120 00   |              |
| " 24        | " " " " " " " " No. 73, O. Mattson                                   | 84 00    |              |
| " 26        | " " " " " " " " No. 40, Jos. Dezort                                  | 96 00    |              |
| " 27        | " " " " principal, " " No. 65, Jos. Cuta                             | 200 00   |              |
| " 27        | " " " " interest, " " No. 65, Jos. Cuta                              | 84 00    |              |
| " 27        | " " " " principal, " " No. 72, Dale & Roise, assignees               | 240 00   |              |
| " 27        | " " " " interest, " " No. 72, Dale & Roise, assignees                | 148 12   |              |
| " 28        | " " " " principal, " " No. 79, Ole Sorenson                          | 75 80    |              |
| " 28        | " " " " interest, " " No. 79, Ole Sorenson                           | 74 20    |              |
| " 31        | " " " " principal, " " No. 71, Thos. Peterson                        | 60 00    |              |
| " 31        | " " " " interest, " " No. 71, Thos. Peterson                         | 4 20     |              |
| " 31        | " " " " " " " " No. 63, R. O. Braaten                                | 4 39     |              |
| 1895.       |  |          |              |
| January 2   | " " Austin coupons due Jan. 1, 1895                                  | 575 00   |              |
| " 2         | " " principal, contract No. 45, Blevins & Miller                     | 1,556 10 |              |
| " 2         | " " " " interest, " " No. 45, Blevins & Miller                       | 124 48   |              |
| " 2         | " " " " principal, " " No. 64, E. Lindquist                          | 100 00   |              |
| " 2         | " " " " interest, " " No. 64, E. Lindquist                           | 84 00    |              |
| " 3         | " " " " " " " " No. 69, B. Pederson                                  | 14 70    |              |
| " 3         | " " " " " " " " No. 74, B. Pederson                                  | 14 70    |              |
| " 4         | " " " " " " " " No. 72, Dale & Roise, assign's                       | 8 37     |              |
| " 4         | " " " " " " " " No. 66, Peter Larson                                 | 84 00    |              |
| " 5         | " " Gallatin county coupons due Jan. 1, 1895                         | 630 00   |              |
| " 5         | " " Crawford county coupons due Jan. 1, 1895                         | 600 00   |              |
| " 5         | " " principal, contract No. 53, F. Novotny, assignee                 | 200 00   |              |
| " 5         | " " " " interest, " " No. 53, F. Novotny, assignee                   | 56 00    |              |
| " 5         | " " " " " " " " No. 112, Ole Lindquist                               | 79 63    |              |
| " 7         | " " from W. L. Pillsbury, on farm fund account                       | 765 11   |              |
| " 7         | " " U. S. Experiment Station warrant                                 | 3,750 00 |              |
| " 7         | " " principal, contract No. 38, N. R. Simpson, as-<br>signee         | 800 00   |              |
| " 7         | " " interest, contract No. 38, N. R. Simpson as-<br>signee           | 64 00    |              |
| " 7         | " " interest, contract No. 46, W. H. Ruyle, assignee                 | 96 15    |              |
| " 7         | " " principal, contract No. 57, C. Anderson                          | 300 00   |              |
| " 7         | " " " " interest, " " No. 57, C. Anderson                            | 24 00    |              |
| " 7         | " " " " principal, " " No. 75, S. J. Halquist                        | 150 00   |              |
| " 7         | " " " " interest, " " No. 75, S. J. Halquist                         | 73 50    |              |
| " 7         | " " " " " " " " No. 76, S. J. Halquist                               | 73 50    |              |
| " 9         | " " principal, " " No. 99, Nels Olson                                | 100 00   |              |
| " 9         | " " " " interest, " " No. 99, Nels Olson                             | 42 00    |              |
| " 9         | " " " " " " " " No. 98, John T. Egan                                 | 52 50    |              |
| " 9         | " " from S. W. Shattuck, on general fund                             | 1,596 04 |              |
| " 11        | " " balance 1894 interest, contract No. 46, W. H.<br>Ruyle, assignee | 7 53     |              |
| " 11        | " " interest on contract No. 46, W. H. Ruyle, as-<br>signee          | 96 00    |              |
| " 21        | " " interest on contract No. 39, J. E. Blickenstaff                  | 24 20    |              |
| " 21        | " " principal, contract No. 54, B. F. Leiby                          | 100 00   |              |
| " 21        | " " " " interest, " " No. 54, B. F. Leiby                            | 106 40   |              |
| " 23        | " " principal, " " No. 41, Christianson &<br>Losey                   | 850 00   |              |
| " 23        | " " " " interest, contract No. 41, Christianson & Losey              | 73 00    |              |
| " 29        | " " from S. W. Shattuck on general fund                              | 2,744 51 |              |
| February 4  | " " Champaign county coupons due Feb. 1, 1895                        | 270 00   |              |
| " 4         | " " principal, contract No. 77, Wm. Buethe                           | 200 00   |              |

*Treasurer's Report—Concluded.*

|   |    |   |             |  |  |             |              |
|---|----|---|-------------|--|--|-------------|--------------|
| 1895.   |    |   |             |  |  |             |              |
| February  | 4  | Received interest, contract No. 77, Wm. Buethé.....   | \$14 00     |  |  |             |              |
| "   | 4  | " principal, " No. 78, Wm. Buethé.....  | 200 00      |  |  |             |              |
| "   | 4  | " interest, " No. 78, Wm. Buethé.....   | 14 00       |  |  |             |              |
| "   | 4  | " principal, " No. 80, Wm. Buethé, assignee.....  | 120 00      |  |  |             |              |
| "   | 4  | " interest, " No. 80, Wm. Buethé, assignee.....   | 67 20       |  |  |             |              |
| "   | 4  | " account interest on Buethé contracts.....   | 3 50        |  |  |             |              |
| "   | 6  | " Mattoon coupons due Feb. 1, 1895.....   | 150 00      |  |  |             |              |
| "   | 6  | " principal, contract No. 67, J. A. DuBois, assignee.....   | 400 00      |  |  |             |              |
| "   | 6  | " interest, " No. 67, J. A. DuBois, assignee.....   | 30 50       |  |  |             |              |
| "   | 18 | " principal, " No. 32, P. C. O'Brien.....   | 1,543 50    |  |  |             |              |
| "   | 18 | " interest, " No. 32, P. C. O'Brien.....  | 140 50      |  |  |             |              |
| "   | 23 | " principal, " No. 95, Mars & Simpson.....  | 1,000 00    |  |  |             |              |
| "   | 23 | " interest, " No. 95, Mars & Simpson.....   | 93 20       |  |  |             |              |
| "   | 25 | " from S. W. Shattuck on general fund.....  | 2,000 00    |  |  |             |              |
| "   | 25 | " by transfer of 5 Kankakee bonds to endow-<br>ment fund.....   | 5,000 00    |  |  |             |              |
| "   | 28 | " from S. W. Shattuck on general fund.....  | 1,976 18    |  |  |             |              |
| "   | 28 | " interest to date at 4 per cent. on endowment<br>fund.....   | 412 45      |  |  |             |              |
| "   | 28 | " interest to date at 2½ per cent. on all other<br>funds.....   | 362 64      |  |  |             |              |
|   |    |   |             |  |  | \$34,883 50 |              |
|   |    |   |             |  |  |             | \$179,918 17 |
| <i>Cr.</i>                                      |    |   |             |  |  |             |              |
| February  | 28 | By amount paid out of general fund as per list of war-<br>rants attached hereto.....                              | \$17,289 53 |  |  |             |              |
| "   | 28 | By amount paid out of state appropriations as per list of<br>warrants attached thereto.....                       | 50,505 37   |  |  |             |              |
| "   | 28 | By amount paid out of State Laboratory of Natural His-<br>tory fund, as per list of warrants attached hereto..... | 1,920 64    |  |  |             |              |
| "   | 28 | By amount paid out U. S. fund, as per list of warrants<br>attached hereto.....                                    | 8,441 74    |  |  |             |              |
| "   | 28 | By amount paid out of U. S. Experiment Station fund,<br>as per list of warrants attached hereto.....              | 3,241 05    |  |  |             |              |
| "   | 28 | By amount paid out of U. S. Experiment Station farm<br>fund, as per list of warrants attached hereto.....         | 953 20      |  |  |             |              |
| "   | 28 | By amount paid out of endowment fund for Kankakee<br>bonds.....   | 5,000 00    |  |  |             |              |
|   |    |   |             |  |  | \$87,351 53 |              |
| <i>Balances:</i>                                |    |   |             |  |  |             |              |
| State appropriations—                           |    |   |             |  |  |             |              |
| Current fund.....                               |    |   | \$17,790 81 |  |  |             |              |
| Engineering Hall.....                           |    |   | 11,334 84   |  |  |             |              |
| Other appropriations.....                       |    |   | 5,126 57    |  |  |             |              |
| General fund.....                               |    |   | 4,629 75    |  |  |             |              |
| U. S. fund.....                                 |    |   | 8,022 18    |  |  |             |              |
| Endowment fund.....                             |    |   | 41,664 90   |  |  |             |              |
| U. S. Experiment Station fund.....              |    |   | 3,395 50    |  |  |             |              |
| U. S. Experiment Station farm fund account..... |    |   | 602 09      |  |  |             |              |
|   |    |   |             |  |  | \$92,566 64 |              |
|   |    |   |             |  |  |             | \$179,918 17 |

Professor Shattuck presented his report as business agent:

BUSINESS AGENT'S REPORT.

UNIVERSITY OF ILLINOIS, March 12, 1895.

*Nelson W. Graham, President of the Board of Trustees, University of Illinois,*

SIR: I have the honor to present you herewith the following financial statements:

*Paper A*, a showing of the current appropriations from Dec. 1, 1894, to Feb. 28, 1895.

*Paper B*, the condition of the state appropriations Feb. 28, 1895.

*Paper C*, the United States fund Feb. 28, 1895.

*Paper D*, a list of vouchers, presented for audit, being Nos. 1,551 to 2,125 of old series, and Nos. 1 to 500, new series.

*Paper E*, an estimate of receipts and expenses for the six months ending Sept. 1, 1895.

*Paper F*, an estimate for the three months ending June 1, 1895.

*Paper G*, a list of appropriations the Board is requested to make at this time.

## PAPER A—CURRENT APPROPRIATIONS.

| December 5, 1894, and January 10 and February 12, 1895.               | Appropriated. | Receipts appropriated. | Expended. | Balance. |
|---|---------------|------------------------|-----------|----------|
| Board expense.....  | \$600 00      |                        | \$384 13  | \$215 87 |
| Salaries for instruction and for President { Current..... } 22,734 00 |               |                        | 2,036 37  |          |
| { U. S. fund..... }   |               |                        | 8,631 37  | 48 09    |
| { State..... }  |               |                        | 12,018 17 |          |
| Salaries for services.....  | 3,005 00      |                        | 2,018 29  | 86 71    |
| Buildings and grounds.....  | 200 00        |                        | 138 88    | 61 12    |
| Fuel and lights.....  | 3,000 00      | \$198 75               | 3,035 63  | 163 12   |
| Stationery and printing.....  | 400 00        |                        | 389 58    | 10 42    |
| Preparatory School.....   | 200 00        | 1,168 50               | 1,314 22  | 54 28    |
| Mechanical department.....  | 255 00        | 358 65                 | 612 29    | 1 36     |
| Architectural department.....   | 270 00        | 801 27                 | 1,276 99  |          |
| Horticultural department.....   | 75 00         | 37 85                  | 103 68    | 9 17     |
| Military department.....  | 50 00         |                        | 31 96     | 18 04    |
| Laboratories.....   | 400 00        | 554 66                 | 871 17    | 83 49    |
| Library and apparatus.....  | 50 00         |                        | 17 76     | 32 24    |
| Incidentals.....  | 450 00        |                        | 444 98    | 5 02     |
| <i>Sundries—</i>  |               |                        |           |          |
| Water supply.....   | 125 00        |                        | 125 00    |          |
| Furniture and fixtures.....   | 317 41        |                        | 219 10    | 98 31    |
| Heating apparatus.....  | 300 00        |                        | 261 06    | 38 94    |
| Advertising.....  | 608 10        |                        | 450 22    | 157 88   |
| Biological Station.....   | 915 52        |                        | 188 06    | 727 46   |
| Art department.....   | 102 39        |                        | 30 21     | 72 18    |
| President's office.....   | 27 10         |                        | 27 10     |          |
| Accredited schools.....   | 382 34        |                        | 259 40    | 122 94   |
| Band instruments.....   | 16 68         |                        | 13 77     | 2 91     |
| <i>Illini.....</i>  | 357 15        |                        | 128 57    | 228 58   |
| <i>The Technograph.....</i>   | 100 00        |                        |           | 100 00   |
| <i>Junior Annual.....</i>   | 110 00        |                        | 110 00    |          |
| Gymnasium.....  | 100 00        |                        | 84 56     | 15 44    |
| Moving into Engineering Hall.....                                     | 300 00        |                        | 171 20    | 128 80   |
| Inauguration and dedication.....                                      | 135 10        |                        | 135 10    |          |
| Publication of exercises.....   | 300 00        |                        | 2 25      | 297 75   |
| Publication of Trustees' address.....                                 | 250 00        |                        | 43 08     | 206 92   |
| Chase property.....   | 7,000 00      |                        |           | 7,000 00 |
| Summer school.....  | 1,000 00      |                        | 65 34     | 934 66   |
| South and Griggs farms.....   | 240 98        | 1,620 00               | 164 00    | 1,696 98 |
| Typewriter and cabinet.....   | 130 00        |                        | 130 00    |          |
| Music fees.....   |               | 133 40                 | 133 40    |          |

## PAPER B—STATE APPROPRIATIONS.

| February 28, 1895.                               | Received.    | Expended.    | Balance.    | Assigned.   |
|--|--------------|--------------|-------------|-------------|
| Closed out.....                                  | \$90,694 16  | \$90,694 16  |             |             |
| Cabinets.....                                    | 1,000 00     | 953 01       | \$46 99     | \$46 99     |
| Furnishing and heating Natural History Hall..... | 6,000 00     | 5,361 99     | 638 01      | 638 01      |
| Engineering building.....                        | 160,000 00   | 153,725 05   | 6,274 95    | 6,274 95    |
| Applied mechanics.....                           | 472 00       | 39 66        | 432 34      | 432 34      |
| Civil engineering.....                           | 233 00       | 179 60       | 53 40       | 53 40       |
| Psychology.....                                  | 200 00       | 190 70       | 9 30        | 9 30        |
| Botany.....                                      | 450 00       | 176 15       | 273 85      | 273 85      |
| Library.....                                     | 10,000 00    | 8,852 03     | 1,147 97    | 1,147 97    |
| Zoölogy.....                                     | 1,200 00     | 421 66       | 778 34      | 778 34      |
| Geology.....                                     | 500 00       | 197 10       | 302 90      | 302 90      |
| Buildings and grounds.....                       | 2,100 00     | 1,717 34     | 382 66      | 382 66      |
| Mechanical engineering.....                      | 4,000 00     | 3,175 65     | 824 35      | 824 35      |
| Municipal and sanitary engineering.....          | 50 00        | 1 90         | 48 10       | 48 10       |
| Salaries for instruction.....                    | 12,018 17    | 12,018 17    |             |             |
| Geology cases.....                               | 300 00       | 286 00       | 14 00       | 14 00       |
| Pedagogy.....                                    | 150 00       | 115 53       | 34 47       | 34 47       |
| Greek.....                                       | 150 00       | 50 65        | 99 35       | 99 35       |
| Woman's gymnasium.....                           | 300 00       | 43 00        | 257 00      | 257 00      |
| Shop practice.....                               | 300 00       | 300 00       |             |             |
| Unassigned.....                                  | 6,283 81     |              | 6,283 81    |             |
| Total.....                                       | \$296,401 14 | \$278,499 35 | \$17,901 79 | \$11,617 98 |
| Illinois State Laboratory of Natural History.... | \$15,313 26  | \$12,408 65  | \$2,904 61  | \$660 61    |

## PAPER C—UNITED STATES FUND.

|                                   | Received.   | Expended.   | Balance.   | Assigned. |
|-----------------------------------|-------------|-------------|------------|-----------|
| <i>Year ending June 30, 1893.</i> |             |             |            |           |
| Before reported on.....           | \$17,663 09 | \$17,663 09 |            |           |
| Agricultural lectures.....        | 250 00      | 156 93      | \$93 07    | \$93 07   |
| Veterinary department.....        | 86 91       | 86 91       |            |           |
| Total.....                        | \$18,000 00 | \$17,906 93 | \$93 07    | \$93 07   |
| <i>Year ending June 30, 1894.</i> |             |             |            |           |
| Before reported on.....           | \$15,500 00 | \$15,500 00 |            |           |
| Testing laboratory.....           | 1,700 00    | 1,700 00    |            |           |
| Geology.....                      | 300 00      | 300 00      |            |           |
| Zoology.....                      | 1,000 00    | 1,000 00    |            |           |
| Architecture.....                 | 500 00      | 459 53      | \$40 47    | \$40 47   |
| Total.....                        | \$19,000 00 | \$18,959 53 | \$40 47    | \$40 47   |
| <i>Year ending June 30, 1895.</i> |             |             |            |           |
| Salaries for instruction.....     | \$13,906 28 | \$13,906 28 |            |           |
| Testing laboratory.....           | 135 00      | 125 60      | \$9 40     | \$9 40    |
| Electrical engineering.....       | 1,000 00    | 946 68      | 53 32      | 53 32     |
| Unassigned.....                   | 4,958 72    |             | 4,958 72   |           |
| Total.....                        | \$20,000 00 | \$14,958 56 | \$5,021 44 | \$62 72   |

With this paper I also connect a bill for \$112.69, presented by Charles W. Spalding, Treasurer.

By the custom of many years, the appropriations from current funds become inoperative if not used within the quarter that they are made. Hence it will be necessary to take action again in the matter of the Chase property purchase, if it is to be paid for. I have not included an item for that purpose in the list of appropriations of paper G, as the assignments before made from the State and United States funds, together with the usual appropriations for the three months, exceed the available funds, including the \$8,000 of the reserve fund.

It will be necessary to put off a part of the usual payments of May and June till the July interest on the endowment is received.

The attention of the [Board was drawn to the condition of the finances at its meeting in September last (see report of meeting, page 31). Since then it has appropriated a large amount outside of the budget presented by the Business Agent.

The Board is requested to make the following assignments:

|   |          |
|---|----------|
| From the State appropriations—  |          |
| For shop practice .....   | \$300 00 |
| For salaries for instruction .....  | 5,983 81 |
| From the United States fund—  |          |
| For salaries for instruction .....  | 5,154 98 |
| It is also requested to make available for current use the balance of the reserve fund..... | 8,000 00 |

Respectfully submitted,

S. W. SHATTUCK,

*Business Agent.*

On motion of Mr. Armstrong, assignments of state appropriations and of United States fund, were made as requested in the Business Agent's report. (See above.)

On motion of Mr. McLean, the remaining \$1,000 of Kankakee bonds held as a part of the general fund, were ordered transferred to the endowment fund, the general fund to be reimbursed therefor by cash from the endowment fund.

The following appropriations were made, as recommended by the Business Agent:

## APPROPRIATIONS.

|   |             |
|---|-------------|
| Board expense .....   | \$400 00    |
| Salaries for instruction and President.....                   | 23,844 00   |
| Salaries for services.....                                    | 3,100 00    |
| Buildings and grounds.....                                    | 200 00      |
| Fuel and lights.....  | 2,500 00    |
| Stationery, printing, postage, and catalogue.....             | 1,200 00    |
| Laboratories .....  | 200 00      |
| Library and apparatus .....                                   | 50 00       |
| Military department.....                                      | 50 00       |
| Mechanical, architectural, and horticultural departments..... | 300 00      |
| Incidentals .....   | 200 00      |
| Water supply.....   | 125 00      |
| Furniture and fixtures.....                                   | 100 00      |
| Heating apparatus.....  | 200 00      |
| Shop practice classes.....                                    | 300 00      |
| Advertising .....   | balance.    |
| Biological station .....                                      | 157 88      |
| Art department .....  | 727 46      |
| Accredited schools.....                                       | 72 18       |
| <i>Illini</i> .....   | 122 94      |
| <i>The Technograph</i> .....                                  | 228 58      |
| Gymnasium .....   | 100 00      |
| Publication of exercises.....                                 | 15 44       |
| Publication of Trustees' address.....                         | 297 75      |
| Summer school.....  | 206 92      |
| South farm well.....  | 934 66      |
|   | 200 00      |
| Total .....   | \$35,832 81 |

It appearing that the Executive Committee of the Board, to which had been referred the matter of the purchase of the Chase property, had taken no action concerning the purchase, the vote whereby the purchase was ordered at the meeting of February 12th (see page 68), was reconsidered, and the matter was referred to the Committee on Buildings and Grounds.

The bill of the Treasurer, C. W. Spalding, amounting to \$112.69, was ordered paid.

The Executive Committee of the Agricultural Experiment Station was requested to consider a plan of reorganization of the Station and to report upon the same at the June meeting of the Board.

Mr. Morgan, of the committee to which the matter had been referred, offered the following resolutions with regard to the hazing incident:

*Resolved*, That the Board approves and commends the action of the Council of Administration in suspending students who were engaged in the recent kidnapping of the president of the freshmen class, and will cordially support any future action which may be necessary to prevent effectually any conduct on the part of the students which interferes with the rights of individuals or reflects harmfully upon the University.

*Resolved, further*, That the Board is highly gratified by the moral courage and good sound sense displayed by the students in pledging themselves against hazing and any action not for the best welfare of themselves and the University.

The resolutions were adopted.

On motion of Mr. McLean, it was directed that hereafter inventories of the several departments of the University be made at the September meeting.

On motion of Mr. Morgan, the Board adjourned.

N. W. GRAHAM,

*President.*

W. L. PILLSBURY,

*Secretary.*