

MEETING OF DECEMBER 13, 1898.

The Board of Trustees of the University of Illinois met in the Trustees' room, Library hall, Urbana, Illinois, at 9 o'clock a. m., Tuesday, December 13, 1898.

The members present were Messrs. Armstrong, Bullard, Freeman, McKay, McLean, Morrison, Raymond and Smith and Mrs. Flower and Mrs. Carriel, also President Draper; the members absent were Governor Tanner and Mr. Pearce.

The Secretary presented the minutes of the meeting of September 20, 1898, and of the adjourned session of that meeting held September 29, 1898; also the minutes of the special meeting held November 12, 1898.

Two errors in printing the report of the Committee on Instruction, found on pages 113 and 114 were corrected. By the first the figures "88" in the last line of page 113 were changed to 93, and in place of the first five lines on page 114 the following was substituted:

Resolved, That all communications pertaining to matters of business or to appointments, to be presented to the Board of Trustees for action, be first presented to President Draper for his examination and recommendation, and such other suggestions as he may deem proper.

Also Mr. Bullard, chairman of the Committee on Buildings and Grounds, asked to have inserted after the word "sent" in the first line, page 116 the words "by the chairman," and to change the figures "3,000" in the seventh line of the page to 1,000, and the "1,000" in eighth line to 3,000. It was ordered that these changes be made.

The minutes with these corrections and change were then approved.

COMMUNICATIONS FROM PRESIDENT DRAPER.

To the Board of Trustees.

I submit for your consideration the following business:

1. A report from the architects of the Library Building and the Superintendent of Buildings, touching the condition of the walls and the heating and ventilation of said building.

HEATING AND VENTILATION OF LIBRARY HALL AND CONDITION OF THE WALLS.

URBANA, ILLS., Dec. 7, 1898.

To the President and Board of Trustees, University of Illinois.

GENTLEMEN: In accordance with your order, communicated on October 10, 1898, by your Secretary, we have carefully examined the condition of the walls and the heating and ventilation of Library Hall, and beg leave to present the following report and recommendations.

The stains on inside basement walls appear to be due to three causes:

1. The moisture remaining in the thick masonry walls after construction slowly evaporated inside the building, producing no serious difficulty until the fan stopped running in the spring and during the summer, when the stains began to appear, as the moisture was not removed with sufficient rapidity.

2. The outside ground drains of 5-inch tiles were recently taken up and found to be out of line and stopped in some places, thus obstructing the removal of ground water. These have been relaid with 8-inch tiles, above which the 5-inch tiles have been replaced, so that the ground will be well drained hereafter.

The sewer pipe joining the conductor on south side of west wing was found to be disconnected, perhaps by some excavations made since the completion of the building. This has been remedied.

3. The excessive rainfall during the past spring and summer saturated the ground outside the building, preventing external evaporation of moisture remaining in the walls.

If the fan be run constantly while Library Hall is in use, and at frequent intervals during the vacations, the structural dampness remaining in the walls will in time be removed.

We recommend that the stained walls in basement be furred out about 13 $\frac{1}{4}$ inches from the present surface of the plastering, from the floor to the tops of the window sills, covered with wire lathing, and plastered with two coats of hard mortar, finished with oak cap at window sills, and with a base run in hard mortar and Portland cement next the stone floor; to give the stained walls above basement ample time to dry out thoroughly and then to wash, tint, and decorate them to match as may be required. Most of those spots will probably disappear without leaving any obtrusive stains.

Any defective heating or ventilation of the building is due to two causes:

1. The Powers Regulating Company put in an air compressor, driven by a steam cylinder, to supply compressed air for actuating the apparatus, which the thermostats in the different rooms merely serve to control. This compressed air moved the mixing dampers in the air ducts, in order to change the temperature of the air supplied to the different rooms. This compressor was run by steam taken from the pipe supplying the steam engine by which the fan was driven, and this steam was supplied at a pressure of from 15 to 20 pounds per square inch. This steam engine was taken out during the past summer and replaced by an electric motor, so that steam has since been supplied to Library Hall for heating purposes only, and at a pressure of but a few pounds per square inch, not sufficient to run the air compressor, which has therefore not been used, so that it was impossible for the temperature regulating apparatus to act. Some complaints have been made in regard to the overheating of rooms, and the fixed dampers in the pipes have been used to control the supply of air to some rooms. Pulleys were also placed on the motor and countershafts, reducing the speed of the fan from about 150 revolutions per minute, as intended by the contractors for the heating and ventilating apparatus, to 75 revolutions, so that probably about two-thirds as much air has been supplied for ventilating purposes as was required by the architects and intended by the contractors. But we have heard no complaints of insufficient ventilation, only of excess of heat in some cases.

To obviate this difficulty Professor Breckenridge will submit a plan for piping compressed air to the Chemical, Natural History, Engineering, and Library Halls from an air compressor already ordered, which is to be located in Engineering Laboratory. This will supply air to about 80 pounds pressure to the square inch, and this pipe can be directly connected to the air pipes in

Library Hall by putting in a special reducing valve to reduce this air pressure to 15 or 20 pounds, as designed for actuating the regulating apparatus. The steam air compressor now in Library Hall can then be removed to Engineering Laboratory, for whatever use it may be required. We believe this to be the best plan, on account of the need for using compressed air in different departments of the University, and that the temperature regulating apparatus will then act as intended. After this is done we recommend that the fan be run at full speed of 150 revolutions per minute during the entire time that the Library Building is in use, without regard to external temperature.

Very respectfully submitted,

N. CLIFFORD RICKER,
JAMES M. WHITE,
NELSON S. SPENCER.

Referred to Committee on Buildings and Grounds.

2. A letter from Professor Rhoades asking that ladies in faculty families be allowed to attend classes and use pictures, models, etc., for sketching, without registering or the payment of fees. This is a matter which has heretofore been presented to the officers of the University. The object sought is instruction. The decision has always been that all instruction must be subject to the regulations. It is impossible to draw the line elsewhere. I recommend that the request be not granted.

On motion of Mr. McLean, the request was denied.

3. I recommend that authority be given to import chemical materials to the extent of \$1,500, and materials for the botanical laboratory to the extent of \$60, the same to be charged to next year's accounts.

Authority given on motion of Mr. McLean.

4. I transmit an application from Dean Kinley for an appropriation of \$100 to bear the necessary expenses of an investigation of the relation of agricultural prices and products and the development of agriculture to the growth of the use of agricultural machinery, and I recommend that the application be granted.

Appropriation made on motion of Mr. Armstrong.

5. I transmit a communication from the director of the Library School recommending that after this year the same fees be charged in this School as in the School of Law, and that it be thus put upon a strictly professional basis, I concur in this recommendation and advise its adoption.

Referred to Committee on Instruction.

6. I transmit for your information a letter from Dr. A. C. True, U. S. director of agricultural experiment stations, commenting upon the work of Professor Grindley touching the investigations of foods and the nutrition of man, which our chemical department has been carrying on in connection with Dr. True and his special agent, Dr. W. O. Atwater, and also letters from Professors Palmer and Grindley upon the same subject. It is desired that we shall pursue a liberal policy in this regard. I think this wise and have already advised Dr. True to that effect; and I recommend an appropriation of \$300 to aid the work and coöperate with the U. S. Department of Agriculture in the matter.

Referred to Committee on Instruction.

7. I transmit notice from the General Faculty of their action recommending the division of the University year into two semesters instead of three terms. There is yet some uncertainty in the Council of Administration and the Faculty upon this matter. Two heads of departments have been directed to prepare schedules of work upon the proposed plan, and the ultimate conclusion as to the advisability of the change will depend upon the results reached. I therefore recommend that the matter be referred to the Committee on Instruction, with power to act upon this or any other changes in the catalogue requiring the action of the Board of Trustees.

Referred to the Committee on Instruction with directions to confer with the Council of Administration and report to the next meeting of the board.

8. I transmit a communication from Professor Forbes, the director of the State Laboratory of Natural History, announcing the resignation of Mr. Ernest Forbes as entomological assistant and the appointment of Mr. James A. Dewey, Mr. R. W. Braucher, and Mr. H. O. Woodworth, at \$60 per month, to positions in the Laboratory, with the understanding that their appointment shall not continue beyond the time when funds are available for their compensation. I recommend approval of this action.

Resignation accepted and appointments made as advised on motion of Mr. McLean.

9. I transmit an application from Mr. J. C. Harrower, an officer who served two terms in the University battalion last year, but was unable to serve the third term because of illness, for the remission of his term fees for said two terms, and recommend that it be granted.

Application granted.

10. I present resolutions of the Southern Illinois Educational Association, and a petition from teachers in Southern Illinois for vacation work at the University. The whole matter of summer work at the University has been much discussed by the General Faculty. Some months ago a committee was appointed to take the matter up, and it has done so very thoroughly and reported, recommending the adoption of two resolutions: (a) one to the effect that the Faculty does not favor a summer term of the University; and (b) one to the effect that any department desiring to run in whole or in part in the summer vacation shall present the matter to the authorities of the University. These recommendations were unanimously adopted by the Faculty, and I think they leave the matter in the right shape, and advise that they be approved by the Board.

Referred to Committee on Instruction.

11. I present a communication from Professor Breckenridge asking the appropriation of \$130 for laying a compressed air main from the heating station to the large buildings on the south side of the campus; and that \$50 be appropriated for additional coal bins at the heating station, and recommend that the request be granted. Also a letter from Professor Breckenridge asking for an appropriation of \$150 for each of the remaining terms of the year, for the expenses of laboratory work in the mechanical engineering laboratory. I recommend that the sum of \$150 be appropriated for the purpose named during the winter term.

Appropriation of \$150 for laboratory expenses for winter term made; other matters presented in this communication referred to Committee on Buildings and Grounds.

AGRICULTURAL EXPERIMENT STATION.

12. I present the minutes of the meeting of Advisory Board of the Agricultural Experiment Station, held December 8, 1898, and also the report of the director for the current quarter and his estimates of appropriations for the coming one. I recommend the approval thereof.

Minutes received for record, and appropriations made as per estimates.

MEETING OF THE ADVISORY BOARD OF THE AGRICULTURAL EXPERIMENT STATION, UNIVERSITY OF ILLINOIS HELD DECEMBER 8, 1898.

Meeting was called to order at 3:15 p. m., by President Burrill; present Messrs. Burrill, Raymond, Morrison, Forbes, and Davenport; absent, Messrs. Gurler, Barber, and Riehl.

Minutes of the previous meeting were read and approved, after attaching an amendment explaining the absence of Mr. Morrison at the last meeting of the Board.

The following resolution was introduced by Mr. Morrison, and adopted by the Board:

Resolved, That this Station continue its work in Southern Illinois; that the Director be empowered to procure a suitable piece of land, not less than 10 acres, if the same can be had at a reasonable rental, for such experimental work; that experiments be made in fertilization, rotation of crops, cultivation of grasses, drainage, and irrigation, and in such other lines as the Director and this Board may deem advisable; that the rental of land mentioned shall be for a term of not less than five years, so that intelligent experimental work may be done.

The Director's report with estimates for the coming quarter was read and adopted by a unanimous vote.

In connection with the paragraph in the report relating to State aid for experimentation the following resolution was adopted.

Resolved, That the advisory board endorses the idea of a State appropriation for the study of special agricultural problems of the State, and believes that the sum of \$10,000 should be appropriated by the State to be divided equally between the study of the peculiar soils of Illinois and the benefit of her horticultural interests, the same to be expended under the direction of the Agricultural Experiment Station.

The following resolution was adopted by a vote of three in the affirmative and none in the negative:

Resolved, That the advisory board recognizes the great service rendered agricultural interests at the University by Mr. Morrison and Mr. Raymond, and that it notes with deep regret the expiration of their term of office, and that our pleasant official relations are about to be severed.

Adjourned.

Respectfully submitted,

E. DAVENPORT, *Director*.

AGRICULTURAL EXPERIMENT STATION—ESTIMATES.

QUARTER ENDING MARCH 31, 1899.	
From general fund—	
Salaries.....	\$1,815 00
Labor.....	675 00
Publications.....	500 00
Postage and stationery.....	30 00
Freight and express.....	30 00
Heat, light, and water.....	60 00
Chemical supplies.....	50 00
Seeds, plants, and sundry supplies.....	100 00
Feeding stuffs.....	200 00
Library.....	75 00
Tools, implements and machinery.....	45 00
Furniture and fixtures.....	20 00
Traveling expenses.....	75 00
Contingent.....	50 00
Buildings and repairs.....	25 00
Total.....	\$3,750 00
From farm fund—	
Labor.....	\$380 00
Seeds, plants, and sundry supplies.....	250 00
Total.....	\$630 00
Importation order—	
Chemical apparatus.....	\$200 00
(To be paid for out of the appropriations for quarter ending September 30, 1899.)	

13. I transmit a communication from Professor Forbes touching appropriations for the State Laboratory of Natural History and the State Entomologist, and also referring to future action of the Board in relation to the Laboratory. The suggestions made have my general approval, but I advise that Professor Forbes be invited to appear before the Board that the whole matter may be fully discussed.

It was voted that Professor Forbes be invited to appear before the Board at 3 o'clock in the afternoon.

14. At the June meeting of the Board a Mr. Klotz, of Cornell Law School, was appointed to a fellowship in our School of Law, with the understanding that he should carry the work in domestic relations and perhaps one other light course. When the time came he declined the position, although he had previously accepted it. This creates the necessity for some additional assistance during the winter and spring terms. The faculty of the School of Law is carrying all the work it well can. Some adjustment will have to be made about the matter. Professor Tooke might do the work, but he has about all he can do, and if he is asked to do this it will be but reasonable that some special compensation be made to him. I recommend that the President be authorized to arrange the matter as he shall find best, and that the sum of \$200 be appropriated to meet any expense involved.

Recommendation approved and appropriation made on motion of Mr. Smith.

15. Miss Agnes Cook, an instructor in the department of rhetoric, has been ill for several weeks. Although now recovering, she is unable to re-enter upon her work and is likely to be so for some weeks to come. Miss Bertha Pillsbury is filling the place temporarily and acceptably. Leave of absence for Miss Cook, without pay, is asked and the approval of the employment of Miss Pillsbury to carry her work is recommended.

Leave of absence granted and recommendation adopted.

16. I transmit a communication from several professors in the University, respecting the pavement of Mathews avenue on the east side of the University campus, from Green street to California avenue. It is said that a majority of the individual property owners interested are in favor of the improvement, and the city desires to know the wishes of the University in the matter. I recommend that the city be advised that the University favors the improvement, and that, if an ordinance be passed to do the work, the University will apply for an appropriation to cover its share of the expense.

Recommendation adopted.

17. I present herewith a letter from the Dean of the College of Agriculture, concerning university membership in stock breeders' associations with a view to greater economy in securing the registering of our own stock, and also with a view to securing their publications free of cost. I recommend that the Dean be authorized to take such membership in three of the associations on behalf of the University, and that the expense be paid from the fund appropriated for incidental expenses of the College of Agriculture.

The same communication states that the rent is due on lands in southern Illinois leased for experimental purposes. The amount is \$35. I recommend that an appropriation be made to cover this amount.

Recommendations both adopted and appropriation of \$35 for the second made on motion of Mr. Smith.

THE PRESIDENT'S OFFICIAL DUTIES AND HIS RELATIONS WITH THE BOARD OF TRUSTEES.

To the Board of Trustees.

I desire to make known to the Board my approval of the terms in which, at a meeting held in Springfield on September 30th, and at which I was not present, the board defined the functions of the members of the board of Trustees and President of the University in relation to each other and to the business of the University; and also to return to the Board my most grateful acknowledgements of the generous way in which you expressed approval of my administration of the high office of President of the University.

Perhaps I might very well say no more in this connection, and yet the cordiality of the action referred to, reinforced as it has been by so many personal assurances, gives rise to the impulse to add a few words.

The principles laid down by you concerning the relative functions of the Board and the President are fundamental and vital to sound administration and healthful progress. But I have lived long enough and have had enough experience in administration to know how inadequate written declarations of principles are to supply the place of mutual regard among people charged with the care and development of a great public enterprise. In the wise administration of a university there must be openness, directness, and sincerity; with no secrets, no favoritism, and no vindictiveness; there must be mutual helpfulness, and, withal, much patience and charity of opinion. The very essence of success is enthusiastic coöperation, and this is not possible in a large organization without responsibility which is defined, and without prerogatives which are recognized and sustained. Within its legitimate limits official action must be free and independent, or it has no point. In no other way can the deficiencies of administration be located or the credit be properly bestowed. Without fixing responsibility there is no real life in official work, and without giving credit where it is earned there is no heart in it.

The duties which devolve upon the president of a university are many and delicate, unceasing and always multiplying. They can not be defined, but may be indicated. He must work agreeably with the trustees to establish wise policies; he becomes the executive officer of the board in the larger part and the most delicate part of university operations; he must initiate steps both to purge and reinforce the faculty, see that they conform to the requirements of an exacting service and are efficient and progressive in their teaching; he must coöperate with parents and lead and inspire students; he must relate all the parts of the diverse whole into an harmonious unity, and yet see that equal justice is done to all the interests and all persons concerned; he must seek to move forward; if he is behind the university sentiment, he is of small account, but he can go forward no faster than he can carry the university sentiment with him, for he can not disregard well fixed opinions or rudely trample upon cherished traditions or long established usage; he must have regard for the feelings of the students of other days, and he must conform in reasonable measure to the common sentiments of the natural constituents of the university; he must cultivate the public, and he must do all he can to stimulate resources; he must endeavor to meet the demands, he must avoid waste, and he must make sure that the financial balance is on the right side. All this can be accomplished only by very carefully seeking to know what is right and at the same time expedient, and then by adhering to it unwaveringly. It is altogether too much to hope that all will agree with him; but he must move steadily along the line of right as he see it, whether they agree with him or not. He can not surrender the prerogatives which inhere in his high office by the best usage of the world without courting failure; and he can not be indifferent to cordial relations with all associated with him in responsibility without deserving it.

The difficulties are not less in an institution which is in its earlier years and rapidly growing; where the trustees change all to frequently and practices are yet to be thoroughly established; where the faculty is largely composed of young people whose sentiments and ways are yet to be brought to something like a uniform standard; and where even the work is yet to be co-

ordinated and carried forward to a point where it can successfully compete with that of older and stronger rivals. There can be no substantial success in all this by copying others, and yet there can be none without a full knowledge of what the world has done. Capricious action, doing things without full knowledge of all the surrounding conditions, and without full consideration for all the related interests, breeds trouble and arrests development.

We have been saying much lately about the foundation work connected with the organization of this institution. We have not said more than the facts warrant. But we may properly appreciate that it has remained to recent years and for us and our associates to develop a true university. To do it well and completely requires work of a very high order, the enthusiastic co-operation of many people, with energy and moderation, with nerve and conciliation, with dignity and cordiality, well balanced.

In such a great work as this an individual standing alone is helpless. Your commendation of my administration is to me the best support and the best compensation you can give me. No higher could come from any source, unless directly from the great people whom we all represent. I came here without experience in such work and needing your generosity. I have had it in very large measure. It has been a great satisfaction to me. With all of the responsibilities and anxieties incident to my position, life here has its pleasures and labor its compensations. I esteem myself fortunate that I and those nearest to me may be associated with so many young people at the college age, and that we may have a part in the upbuilding of a university with the great promise which we all believe is before this one. At a time in life and in circumstances which justify me in following my own inclinations in reasonable measure, I am, in the confidence of the approval of my work by the governing Board, as happy here as I could be anywhere, for I believe that as interesting and far-reaching educational work is to be done here as anywhere on earth. And your words of commendation shall be a new incentive to dwell in harmony with you and with all of our associates, and to put forth yet greater efforts for the highest and strongest development of the great interests in our hands.

A. S. DRAPER.

On motion of Mr. Smith, the Board declared itself to be in hearty sympathy with the views expressed by President Draper in the foregoing paper and pledged to him its hearty cooperation, and it was ordered that the paper be made a part of the minutes of the meeting.

On motion of Mr. Bullard, the Board adjourned to 2:30 p. m.

AFTERNOON SESSION.

When the Board met pursuant to adjournment the same members were present as in the morning.

A committee of gentlemen from the Illinois Farmers' Institute Association, Mr. Amos F. Moore, of Polo, President, and Messrs. S. Noble King, of Bloomington, A. P. Grout, of Winchester, and Chas. F. Mills, of Springfield, were heard in advocacy of the Board's asking of the Legislature an appropriation for an agricultural building and its furnishing, so as greatly to enlarge the equipment and facilities of the University for instruction in various lines of agriculture, special reference being had to dairying, horticulture, and stock raising. The gentlemen were told that the Board was heartily in favor of the proposition, and had already decided to ask the Legislature to appropriate \$150,000 for said building and fittings and furnishings.

It was also urged by members of the Board, and promised by the visiting gentlemen, that the Illinois Farmers' Institute Association

and its branches in the several counties of the State should, severally and collectively, lend their aid in securing the appropriation.

Mr. A. E. Ebert, of Chicago, representing the Advisory Board of the School of Pharmacy, being present by invitation, made a statement with regard to the desirability of providing the School of Pharmacy with a building suitably equipped, at as early a date as possible.

A resolution which had been handed to Mr. Raymond by the committee from the Illinois Farmers' Institute Association was, by him, presented.

Resolved, That one-third of the money received by the University of Illinois and appropriated by the acts of Congress for the more perfect endowment and support of the colleges for the benefit of agriculture and mechanic arts be, and is hereby set apart for technical instruction in agriculture, and that such division of said fund shall be made available, from and after this date, for the purpose named in this resolution.

Mr. Bullard moved to refer the resolution to the Finance Committee. The motion was lost on the following vote: Yeas, Messrs. Armstrong, Bullard, and Smith; nays, Messrs. Freeman, Morrison, Raymond, McLean and McKay, and Mrs. Flower and Mrs. Carriel.

Upon motion of Mr. Raymond, the resolution was then referred to the Committee on Instruction.

Communications from members of the Faculty concerning a summer school were presented by President Draper and referred to the Committee on Instruction.

Communications from the Superintendent of Buildings and Grounds with reference to improvements on University grounds were presented by President Draper and referred to the Committee on Buildings and Grounds.

Plans and specifications for a chemical laboratory, prepared by Professor Palmer, were presented by President Draper and referred to the Committee on Legislative Askings.

It was ordered that judgment and costs and attorney's fees in the Bruner matter should be paid, and an appropriation of \$450.00, or so much thereof as might be needed, was made therefor.

Mr. Raymond, to whom the matter had been referred (see page 121), reported that the cost of drainage in the forestry plantation would be about \$175.00. An appropriation of this amount was made to be expended under the direction of the Committee on Agriculture.

MINNESOTA LANDS.

Mr. Raymond presented the following report from the special committee on Minnesota lands:

URBANA, ILL., December 13, 1898.

To the Honorable President and Board of Trustees of the University of Illinois.

GENTLEMEN:—Your committee which was instructed to visit the Minnesota lands, begs leave to make the following report:

The lands held by the University of Illinois, located in Minnesota, 12,897.96 acres in all, must be considered as two distinct groups having different soils, subsoils, and different possibilities for drainage.

The first group consists of 5,606.73 acres in Pope county. The second group of 4,712.93 acres in Kandiyohi county and 2,578.30 acres in Renville county. The land comprised in the second group lies about fifty miles south of that in the first.

The first group lies in the southeastern part of Pope county, near Brooton, a thriving village of 250 inhabitants, on the Minneapolis, St. Paul and Sault St. Marie R. R., 110 miles west of Minneapolis. It is all prairie land, subsoil sand or gravel, which on many of the ridges comes almost to the surface. There are no water courses and there is no opportunity for drainage.

There are many small lakes in this part of the country, several of which are on University land. Hans J. Kjos is an agent for the University in this county. He seems to be an efficient man for the place. Your committee visited every quarter section of this group and made field notes, which are contained in a note book which, for convenience, we will call paper B of this report.

Many tracts of this land have been sold, and after a number of years have been taken back by the University. This accounts for the amount of cultivated land, about 1,300 acres.

The plowed land is rented at \$1.50 an acre, and on the wild land the hay is sold at \$5.00 per 40 acres. Quite a good deal of land in this vicinity has been taken on mortgages by loan companies, and is now offered for sale on very easy terms.

Your committee does not favor plowing any more of this land than has already been cultivated, but recommends selling it at from \$8.00 to \$15.00 an acre. This year wheat, which is their great crop, averaged about twelve bushels an acre.

Second Group—Kandiyohi county, Minnesota, lies north of Renville county, and the university land in these counties is scattered along the boundary line, some north and some south of it, for a distance of twenty miles or more. From Willmar, the county seat of Kandiyohi county, it is nine miles south to the nearest tract of our land.

Willmar is a good town of three thousand inhabitants, five elevators, many good business houses and a general appearance of thrift. It is situated on the Great Northern R. R.

Renville, Olivia, and Bird Island, are towns in Renville county, on the C., M. & St. P. R. R. Renville is 104 miles west of Minneapolis. Renville and Olivia are exceptionally thifty towns of about fifteen hundred inhabitants. They control the trade of a great scope of country and furnish a market on the south for the country in which our lands are located, and are distant about twelve and eight miles respectively from the nearest tracts. Other lines of railroad have been projected, which, if built, would probably form a junction on our land; but at present there is no prospect of their completion.

These lands have a good rich soil of considerable depth, with clay sub-soil, and are capable under proper treatment of producing good crops for an indefinite time. The average yield of wheat in this vicinity is 17 bushels an acre. At the time we were there wheat was selling at 55 cents a bushel.

The land in these counties is on the sections having even numbers, and in most cases improvements come close to our lines. There will doubtless be a demand for our lands as additions to farms already occupied.

A drainage district has been formed and taxes levied against our land in one case which amount to \$772.84, one-tenth of this being due December 1, 1898, the rest in nine annual payments including interest.

This land is much more susceptible of drainage than that in Pope county, and in many instances land which is now marked wet in our report could be drained and would then become tillable.

School houses have been built and we see no reason why this should not become a rich farming country. Your committee visited all but five of the quarter sections of this group; and, as there was a general similarity in the land, it was not deemed necessary to spend another day to inspect those.

In this group, on the field notes, the forties were marked 1, 2, 3, or 4; 1, being good land; 4, wet or otherwise poor, and 2 and 3 of medium quality. In all cases where it made any material difference how the quarters should be divided, if sold in eighties, the proper division was indicated. Our agents have been holding these lands at \$15.00 per acre, and of that sold very little has come back. Although this price is rather above that of other unimproved lands near here, we see no reason to reduce it.

We find that the various reports given by Professor Shattuck and Mr. Pillsbury in regard to our lands have been carefully made and are substantially confirmed by this report, except where conditions have changed.

When land is sold we would demand a cash payment of 25 per cent of the purchase price, and would give a much time as desired for the balance, so long as interest and taxes are kept paid up.

Rents at \$1.50 per acre for plowed land and \$5.00 per 40 acres for hay or pasture, we consider fair to all concerned. We recommend that actual settlers be given the preference in all cases where sales are to be made.

This country is inhabited mostly by Scandinavians, Hollanders and Bohemians.

The committee found the assistance of Mr. Pillsbury invaluable in finding locations and corners, when the houses were far apart. His former experience in looking over the land added much to a satisfactory inspection.

Respectfully submitted,

ISAAC S. RAYMOND,
ALEXANDER McLEAN,
Committee.

The report was received and its recommendations adopted.

It was ordered that the field notes and maps referred to should be deposited with the Secretary of the Board.

A motion made by Mr. Smith to withdraw all the Minnesota lands from sale until further order by the Board was defeated by the following vote: Yeas, Messrs. Bullard, Smith, McKay and Mrs. Carriel; nays, Messrs. Morrison, Armstrong, Raymond, McLean and Mrs. Flower.

On motion of Mr. McLean it was ordered that President Draper's bill, which had been approved by the Finance Committee, for expenses from June 13 to November 15, 1898, amounting to \$45.02, be paid and an appropriation therefor was made.

The Board then adjourned to meet at 10 o'clock, Wednesday morning.

SESSION OF WEDNESDAY, DECEMBER 14, 1898.

When the Board met pursuant to adjournment the same members were present as at the sessions of Tuesday except Messrs. Freeman and McKay.

Mr. McLean was made Chairman.

The Finance Committee made the following report.

FINANCE COMMITTEE'S REPORT.

URBANA, Dec. 14, 1898.

To the Board of Trustees of the University of Illinois.

GENTLEMEN: Your Finance Committee begs leave to report that it has examined vouchers submitted by the business manager on which warrants have been issued as follows: General University warrants Nos. 1 to 550, inclusive,

amounting to \$99,397.80; Agricultural Experiment Station warrants Nos. 1 to 100, inclusive, amounting to \$4,809.52; State Laboratory of Natural History warrants Nos. 1 to 87, inclusive, amounting to \$3,091.35; School of Pharmacy warrants Nos. 1 to 11, inclusive, amounting to \$674.29, and School of Medicine warrants Nos. 1 to 107, inclusive, amounting to \$5,205.56 (being a total as represented by above warrants of \$113,178.52.)

We have also examined the report of the Treasurer of the University for the quarter ending September 30, 1898, and have found that receipts for the quarter, together with the balance on hand at the beginning of the quarter, amount to \$209,434.26; that the amount paid out by the Treasurer on warrants during the quarter, as set forth in his report, was \$107,654.98, including overdrafts on funds of the School of Pharmacy; and that the balance of all funds on hand amounted to \$101,779.28 on September 30, 1898.

We submit herewith the report of the Treasurer and ask that it be made a part of this, our report, as well as a part of the record.

Respectfully submitted,

ALEXANDER MCLEAN,
ISAAC S. RAYMOND,
THOMAS J. SMITH,
Finance Committee.

TREASURER'S REPORT.

E. G. Keith, Treasurer, in account with the University of Illinois, September 30, 1898.

1898.		DR.		
June 30	Balance.....			\$23,044 20
July 11	From U. S. Treasurer for Agricultural Experiment Station fund.....			
July 25	From Treasurer State of Illinois for general fund.....		\$3,750 00	
July 25	From Treasurer State of Illinois for Laboratory of Natural History fund.....		145,769 07	
July 30	From S. W. Shattuck, paid warrants for general fund.....		11,000 00	
July 30	From S. W. Shattuck, paid warrants for Agricultural Experiment Station fund.....		2,087 61	
July 30	From Treasurer State of Illinois account of Central Heating Plant for general fund.....		731 80	
Aug. 4	From Treasurer State of Illinois for general fund.....		15,000 00	
Aug. 31	From S. W. Shattuck for School of Medicine fund.....		1,000 00	
Aug. 31	From S. W. Shattuck, paid warrants for general fund.....		2,000 00	
Aug. 31	From S. W. Shattuck, paid warrants for Agricultural Experiment Station fund.....		1,911 43	
Sept. 30	From S. W. Shattuck for credit of general fund.....		676 00	
Sept. 30	From S. W. Shattuck, paid warrants for credit of Agricultural Experiment Station fund.....		2,000 00	
			464 15	
				186,390 06
				<u>\$209,434 26</u>
1898.		CR.		
Sept. 30	By amount paid out of general fund as per list of warrants herewith.....		\$93,872 47	
Sept. 30	By amount paid out of Agricultural Experiment Station fund as per list of warrants herewith.....		5,162 78	
Sept. 30	By amount paid out of Laboratory of Natural History fund as per list of warrants herewith.....		3,319 37	
Sept. 30	By amount paid out of School of Pharmacy fund as per list warrants herewith.....		921 37	
Sept. 30	By amount paid out of School of Medicine fund as per list warrants herewith.....		4,378 99	
				107,654 98
	<i>Balances—</i>			
	General fund.....		\$91,630 02	
	Agricultural Experiment Station fund.....		2,141 19	
	Laboratory of Natural History fund.....		10,617 26	
	School of Medicine fund.....		1,037 21	
			\$105,425 68	
	School of Pharmacy fund (overdrawn).....		3,646 40	
				101,779 28
				<u>\$209,434 26</u>

Respectfully submitted,

E. G. KEITH, *Treasurer.*

Mr. Smith offered the following resolution which was adopted:

Resolved, That Messrs. McKay and McLean be appointed a special committee to examine personally the records and books in the hands of the Treasurer of this University and to satisfy themselves in such manner as they may deem proper that he has on hand the funds belonging to the University, and report their action to this Board at its next meeting.

Mr. Bullard, from the Committee on Buildings and Grounds, to which the matter had been referred (see page 139), reported recommending an appropriation of \$130.00 for laying a compressed air main from the Heating Station to the large buildings on the south side of the campus, and one of \$50.00 for additional coal bins; also an appropriation of \$50.00 for steps and bench in switchboard room and cases for the electric light plant. The recommendation of the Committee was approved.

Mr. Bullard also reported from the Committee on Buildings and Grounds in the matter of heating, ventilation, etc., of the Library Building, which had been referred to the committee, that the committee recommend that Messrs. Ricker, White and Spencer continue their observations especially with reference to the wall stains, and, if they find the stains do not disappear, make all necessary investigations to ascertain their causes and report to the Board.

Mr. Bullard from the same committee recommended the payment of \$331.25 to Professor Breckenridge, in full (in addition to previous payments) for services rendered in the construction of the Central Heating plant; and of \$40.00 to Professor Temple for plans and specifications for the new Experiment Station barn.

The recommendations were approved and the appropriations were made.

LEGISLATIVE APPROPRIATIONS.

The committee on legislative appropriations made the following report:

To the Board of Trustees.

The committee on application to the Legislature for University appropriations recommends the following:

1st. That the Legislature be asked to include in the "General Appropriation Bill" an amount sufficient to meet the interest on our endowment for two years beginning July 1, 1899, as provided by act of 1897 referring thereto.

2d. That a special bill be introduced to correct the error in the act of 1897 referring to the endowment, by reason of which the interest has not been paid for several months immediately following the loss of the funds.

3d. That an appropriation be asked for \$4,166.61 to reimburse the funds for the amount paid to repair the damage to the Natural History Building caused by lightning and fire in June, 1897.

4th. That appropriations be asked for additions to plant as follows:

Agricultural building and appurtenances.....	\$150,000
Woman's building.....	80,000
Chemical laboratory.....	135,000
For purchase of additional land.....	12,000
For a water plant.....	10,000
For furnishing electrical building.....	1,000
For remodeling chemical laboratory.....	15,000
Total.....	\$403,000

5th. That appropriations for operating expenses be asked for, per year, as follows:

Taxes on Minnesota lands.....	\$2,000
Materials for shop practice.....	2,000
Additions to apparatus and appliances.....	3,000
Increase of cabinets.....	1,000
Fire protection.....	1,000
Maintenance of buildings and grounds.....	5,000
Maintenance of vaccine laboratory.....	1,200
Apparatus at Astronomical Observatory.....	5,000
Accessions to library.....	15,000
Extensions of engineering equipment.....	15,000
Salaries for instruction and administration.....	140,000
For pavements.....	6,000
For carrying on water analysis.....	5,000
Total.....	\$201,200

A. S. DRAPER,
ALEX. McLEAN,
JAMES E. ARMSTRONG,
Committee.

On motion of Mr. Armstrong the recommendation of the committee was adopted.

On motion of Mrs. Flower, President Draper was asked to draft the necessary bills.

The Committee on Instruction made the following report and the report was adopted. The appropriation of \$300 for the Preparatory School was made.

REPORT OF THE COMMITTEE ON INSTRUCTION.

URBANA, ILL., December 14, 1898.

To the Board of Trustees.

GENTLEMEN:—Your Committee on Instruction reports as follows:

1. As the School of Pharmacy is now conducted, there is no one in charge of the administrative affairs in regular and constant attendance, except the secretary of the Faculty. The Dean of the Faculty, having some other business to occupy his time, is not in attendance but about three days in a week. Without wishing to express any disparagement of the efficiency of the present Dean, we believe the interests of the school demand the full time of a strong and competent head, and would therefore recommend that the Board direct President Draper to secure a competent man for that position for the coming college year.

2. That the Board deems it important to introduce into the University courses work in oratory or expression, and that an instructor in such work be added to the department of rhetoric at the beginning of the next year, and that the name of said department be changed to that of rhetoric and oratory.

3. We recommend an appropriation of \$300.00 for the purchase of apparatus and increase of facilities for laboratory work in the Preparatory School.

4. Several years ago the board voted to make the maximum salary paid to full professors \$2,500 a year, the action being as follows (p. 256 report of 1894):

CLASSIFICATION AND SALARIES OF FACULTY.

URBANA, ILL., March 14, 1894.

To the Board of Trustees of the University of Illinois.

GENTLEMEN:—Your Committee on Instruction reports the following schedule for the classification and salaries of members of the faculty:

1. The titles to be professor, associate professor, assistant professor, instructor, and assistant.

2. That the deans of the colleges shall be elected annually by the Board of Trustees.

3. That the salaries be respectively: Deans, \$2,000, with an annual increase of \$100 to \$2,500; professors, \$1,800, with an annual increase of \$100 to \$2,250; associate professors, \$1,600, with an annual increase of \$50 to \$2,000; assistant professors, \$1,200, with an annual increase of \$50 to \$1,800; instructors, \$800, with an annual increase of \$50 to \$1,200; assistants, \$600, with an annual increase of \$50 to \$800; fellows, \$400 a year.

4. That no promotion from rank to rank, and no increase of pay by reason of years of service shall be made except by a specific vote of the board of trustees.

Respectfully submitted,

J. E. ARMSTRONG,
HENRY RAAB,

Committee on Instruction.

So far, the needs of the University for additional instruction have prevented making any material advance toward this figure. The standing of our men, and the rank of our University demand that we should advance the salaries of our leading men as fast as possible to that limit. We therefore strongly urge that provision be made in our legislative askings, so that such advances shall be made in maximum salaries for the coming year as the President and the Board may determine.

5. We would recommend that an additional instructor be employed for the School of Music, so that a more thorough and complete course may be offered the coming year. As to the teaching of sight-reading, it seems to your committee that it would not be necessary or advisable to open a distinct department for this work; but if an additional instructor were employed, some special classes might be conducted during one term of the year, if a sufficient number of students demand it.

Respectfully submitted,

J. E. ARMSTRONG,
S. A. BULLARD,
THOS. J. SMITH.

Committee on Instruction.

Mr. Morrison offered the following resolution which was adopted:

Resolved, That President Draper and Mr. Bullard be appointed a committee to present our claims before the legislature, and that they be authorized, whenever they desire additional help in this matter, to call upon those who they may deem able to assist them.

The Committee on Instruction made the following report, and the report was adopted and \$500.00 appropriated as recommended:

URBANA, ILLINOIS, December 14, 1898.

To the Board of Trustees of the University of Illinois.

GENTLEMEN:—Your committee to which was referred a request from the department of chemistry asking for an appropriation of \$500.00 for the purpose of investigating the cost and nutritive value of food respectfully recommends the adoption of the report and the appropriation thereby called for.

Respectfully submitted,

J. E. ARMSTRONG,
S. A. BULLARD,
T. J. SMITH,

Committee on Instruction.

Mr. Armstrong also reported from the Committee on Instruction recommending that the fees in the Library School be made the same, as in the Law School and upon this recommendation no action was taken.

COAL TESTS.

Mr. Morrison, to whom was referred the "Report on Tests of Illinois Coals" recently submitted by the departments of applied chemistry and mechanical engineering, offered the following resolution which was adopted:

Resolved, That in consideration of the care and completeness with which this report is made, and on account of its undoubted value to the commercial and industrial interests of the State, this report be published by the University and sent out as a bulletin from the departments of applied chemistry and mechanical engineering and that funds be appropriated for this purpose as may be necessary.

Also that the report be returned to the departments interested for such revision and arrangement as may be deemed necessary for publication.

Mr. Morrison offered the following resolution which was adopted:

In consideration of the fact that the coal industry of the State of Illinois stands at the front of all its vast and extended resources, and further considering the close relation between the manufacturing, commercial, railway and municipal interests of the State and this important industry, I take great pleasure in submitting for your approval the following resolution:

Resolved, That the departments of applied chemistry and mechanical engineering be instructed to continue the investigations and tests of Illinois coals along lines already begun and in such other lines as may be deemed of value to the commercial and economic interests of the State, and that we do hereby appropriate \$_____ for the continuance of the "Tests of Illinois Coals" by these departments.

BUSINESS MANAGER'S REPORT.

The Business Manager presented the following report and it was received for record:

December 13, 1898.

F. M. McKay, Esq., President Board of Trustees, University of Illinois.

SIR:—I have the honor to hand you herewith the following financial statements and papers:

Paper A is a statement of the current appropriations, September 30, 1898.

Paper B is a statement of the State appropriations, September 30, 1898.

Paper C is a statement of the United States fund, September 30, 1898.

Paper D is a statement of the Laboratory of Natural History funds, September 30, 1898.

Paper E is a statement of the Agricultural Experiment Station appropriations, September 30, 1898.

Paper F is a statement of the School of Pharmacy appropriations, September 30, 1898.

Paper G is a statement of the School of Medicine appropriations, September 30, 1898.

PAPER A—CURRENT APPROPRIATIONS.

September 30, 1898.	Appropriated.	Expended.	Balance.
Board expenses.....	\$500 00	\$242 25	\$257 75
Salaries for instruction { Current	27,947 43	716 66	2,828 66
{ U. S. Fund		3,889 94	
{ State		20,512 17	
Salaries for services { Current.....	4,794 68	416 28	272 35
{ State		4,106 05	
Buildings and grounds.....	1,000 00	916 55	83 45
Fuel and lights	2,000 00	1,395 69	604 31
Stationery and printing	1,000 00	652 45	347 55
Preparatory School.....	775 00	775 00	
Repair shop.....	1,000 00	585 51	414 49
Mechanical department.....	500 00	36 27	463 73
Departments	300 00	98 28	201 72
Laboratories.....	2,000 00	885 19	1,114 81
Library and apparatus.....	50 00	24 54	25 46
Incidentals.....	800 00	399 67	400 33
<i>Sundries—</i>			
Furniture and fixtures.....	150 00	133 43	16 57
Heating apparatus.....	100 00	76 84	23 16
Heating plant.....	519 35	515 68	3 67
State Fair exhibit.....	1 55	1 55	
Remodeling men's gymnasium.....	704 14	704 14	
Commencement.....	179 75	165 50	14 25
Summer School at Biological Station.....	211 96	81 80	130 16
Interest.....	900 00	437 67	462 33
Minnesota lands.....	200 00	67 40	132 60
Corn and oats investigation.....	50 00		50 00
Water supply.....	250 00	250 00	
Winter School of Agriculture.....	14 55	14 55	
Blue print room.....	133 67	15 74	117 93
Moving to Library Hall.....	15 62	15 62	
Greenhouse.....	200 00	12 20	187 80
Library School.....	200 00		200 00
South Farm.....	204 00		204 00
	\$46,701 70	\$38,144 62	\$8,557 08

PAPER B—STATE APPROPRIATIONS, SEPTEMBER 30, 1898.

1895-1897.	Received.	Expended.	Balance.	Assigned.
<i>Salaries, etc.—</i>				
Closed out.....	\$176,089 87	\$176,089 87		
Mechanical engineering laboratory.....	695 00	695 00		
Chemical Laboratory (repairs).....	9,180 00	9,180 00		
Law School.....	3,750 06	3,750 06		
	\$189,714 93	\$189,714 93		
<i>Apparatus and material—</i>				
Closed out.....	\$5,600 00	\$5,600 00		
Geology.....	400 00	397 79	\$2 21	\$2 21
	\$6,000 00	\$5,997 79	\$2 21	\$2 21
<i>Laboratory of Vegetable Physiology.....</i>	\$2,000 00	\$2,000 00		

Paper B—State Appropriations—Continued.

1895-1897	Received.	Expended	Balance.	Assigned.
<i>Furnishing and fitting Engineering Hall—</i>				
Closed out.....	\$1,670 20	\$1,670 20		
Architecture.....	770 38	770 38		
Municipal and sanitary engineering.....	401 30	401 30		
Mechanical department.....	563 78	563 78		
Electrical engineering and physics.....	1,193 39	1,193 39		
College, library, etc.....	400 95	400 95		
	\$5,000 00	\$5,000 00		
<i>Cabinets—</i>				
Geology.....	\$666 67	\$652 86	\$13 81	\$13 81
Botany.....	666 66	412 51	254 15	254 15
Zoölogy.....	666 67	309 75	356 92	356 92
	\$2,600 00	\$1,375 12	\$624 88	\$624 88
1897-1899.	Received.	Expended	Balance.	Assigned.
<i>Endowment Fund Interest.....</i>	\$24,250 03	\$24,250 03		
<i>Furnishing Library Hall.....</i>	\$5,000 00	\$5,000 00		
<i>Central heating plant.....</i>	\$80,000 00	\$80,000 00		
<i>Equipment of men's gymnasium.....</i>	\$3,000 00	\$3,000 00		
<i>Salaries, etc.—</i>				
Closed out.....	\$4,400 00	\$4,400 00		
Salaries for instruction.....	68,784 02	68,784 02		
Salaries for services.....	9,900 73	9,900 73		
Accredited schools.....	1,000 00	190 00	\$810 00	\$810 00
Advertising and postage.....	5,000 00	2,438 63	2,561 37	2,561 37
Administrative offices.....	300 00		300 00	300 00
Agricultural department.....	5,156 00	4,033 62	1,122 38	1,122 38
Art and design.....	650 00	248 90	401 10	401 10
Buildings and grounds.....	7,508 38	7,489 49	19 88	19 88
Coal tests.....	150 00	145 00	5 00	5 00
College of Literature and Arts.....	250 00		250 00	250 00
Conservatory.....	5,526 92	5,526 92		
Decorating Library Hall.....	3,500 00	2,500 00	1,000 00	1,000 00
Fuel and lights.....	1,000 00	491 20	508 80	508 80
Furniture and fixtures.....	1,175 00	894 47	280 53	280 53
Heating apparatus.....	1,900 00	1,618 32	281 68	281 46
Heating plant.....	1,980 65	1,632 21	348 44	348 48
Illinois Agriculturist.....	198 40	123 40	75 00	75 00
Illinois Field.....	3,000 00		3,000 00	3,000 00
Illini.....	1,000 00	500 00	500 00	500 00
Illio.....	200 00	100 00	100 00	100 00
Law School.....	249 94	27 08	222 86	222 86
Lectures.....	500 00	36 80	463 20	463 20
Library furniture and shelving.....	500 00	220 00	280 00	280 00
Library supplies.....	750 00	517 76	232 24	232 24
Lockjaw experiment.....	50 00	23 40	26 60	26 60
Mechanical engineering shops.....	360 00	110 30	249 70	249 70
Oratorical contest.....	400 00	200 00	200 00	200 00
Preparatory School.....	500 00	28 16	471 84	471 84
Photographic equipment.....	300 00	58 28	241 72	241 72
Physical training.....	1,000 00	484 00	516 00	516 00
School of Music.....	750 00	510 26	239 74	239 74
Technograph.....	200 00	100 00	100 00	100 00
Typewriting bureau.....	250 00	199 23	50 77	50 77
Water supply.....	250 00		250 00	250 00
Woman's department.....	300 00		300 00	300 00
Unassigned.....	41,059 36		41,059 36	
	\$170,000 00	\$113,532 18	\$56,467 82	\$15,408 46

State Appropriations—Continued.

1897-1899.	Received.	Expended	Balance.	Assigned.
<i>Fire protection</i>	\$2,000 00	\$1,336 21	\$663 79	\$663 79
<i>Taxes on Minnesota Lands</i>	\$3,600 00	\$3,342 67	\$257 33	\$257 33
<i>Vaccine Laboratory</i>	\$2,400 00	\$844 30	\$1,555 61	\$1,555 61
<i>Chemical Laboratory equipment</i>	\$5,000 00	\$3,860 41	\$1,139 59	\$1,139 59
<i>Pavement and walks</i>	\$4,000 00	\$3,515 52	\$484 48	\$484 48
<i>Library</i>	\$15,000 00	\$6,164 27	\$8,835 73	\$8,835 73
<i>Shop practice</i>	\$3,000 00	\$1,201 67	\$1,798 33	\$1,798 33
<i>Water survey</i>	\$3,750 00	\$2,782 35	\$967 65	\$967 65
<i>Cabinets</i>	\$2,000 00	.....	\$2,000 00	\$2,000 00
<i>Engineering equipment—</i>				
Architecture.....	\$586 64	\$586 64	.....	.....
Civil engineering.....	500 00	322 59	\$177 41	\$177 41
Mechanical engineering.....	3,750 00	2,638 66	1,111 34	1,111 34
Physics and electrical engineering.....	3,970 29	3,970 29	.....	.....
Theoretical and applied mechanics and municipal and sanitary engineering.....	1,000 00	741 90	258 10	258 10
College (in general).....	5,193 07	3,473 49	1,719 58	1,719 58
	\$15,000 00	\$11,733 57	\$3,266 43	\$3,266 43
<i>Apparatus and materials—</i>				
Closed out.....	\$200 00	\$200 00	.....	.....
Astronomical Observatory.....	970 00	764 91	\$205 09	\$205 09
Applied chemistry.....	175 00	24 06	150 94	150 94
Botany and horticulture.....	740 00	346 79	393 21	393 21
Chemistry.....	1,000 00	416 71	583 29	583 29
Geology.....	450 00	.....	450 00	450 00
Psychology.....	350 00	156 98	193 02	193 02
Physiology.....	1,000 00	457 41	542 59	542 59
Zoölogy.....	400 00	114 21	285 79	285 79
Unassigned.....	715 00	.....	715 00	.....
	\$6,000 00	\$2,481 07	\$3,518 93	\$2,803 93

PAPER C—UNITED STATES FUND.

Year ending June 30, 1899.	Received.	Expended	Balance.	Assigned.
<i>Salaries for instruction</i>	\$24,000 00	\$3,889 94	\$20,110 06	\$20,110 06

PAPER D—LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended	Balance.	Assigned.
<i>General balance, July 1, 1896</i>	\$253 68	\$23 58	\$230 10	\$230 10
<i>Closed out</i>	8,150 00	8,150 00	.....	.....
<i>Report of Entomologist</i>	250 00	244 22	5 78	5 78
<i>Diseases of insects</i>	1,500 00	1,500 00	.....	.....
	\$10,153 68	\$9,917 80	\$235 88	\$235 88

Paper D—State Appropriations—Concluded.

1897-1899.	Appropriated.	Expended.	Balance.	Assigned.
Salaries and assistants	\$8,000 00	\$5,145 19	\$2,854 81	\$2,854 81
Field, office, etc.....	3,000 00	1,902 42	1,097 58	1,097 58
Library	3,000 00	1,591 19	1,408 81	1,408 81
Bulletins.....	1,500 00	824 89	675 11	675 11
Report of Entomologist.....	500 00		500 00	500 00
Biological Experiment Station	6,000 00	3,705 11	2,294 89	2,294 89
	\$22,000 00	\$13,168 80	\$8,831 20	\$8,831 20

PAPER E—AGRICULTURAL EXPERIMENT STATION.

1898-1899.	Appropriated.	Expended.	Balance.
<i>General Fund—</i>			
Salaries.....	\$1,831 64	\$1,831 64	
Labor.....	605 00	578 21	\$26 79
Publications	585 00	578 78	6 22
Postage and stationery.....	30 00	25 05	4 95
Freight and express.....	6 24	6 24	
Chemical supplies.....	1 50	1 50	
Feeding stuffs.....	110 00	66 77	43 23
Tools, implements, and machinery	75 00	71 76	3 24
Scientific apparatus.....	210 00	208 87	1 13
Traveling expenses.....	87 12	81 05	6 07
Contingent.....	173 50	172 99	51
Buildings and repairs.....	35 00	30 65	4 35
	\$3,750 00	\$3,653 51	\$96 49
<i>Farm Fund—</i>			
Labor.....	\$930 00	\$886 06	\$43 94
Seeds, etc.....	270 00	269 95	5
	\$1,200 00	\$1,156 01	\$43 99

PAPER F—SCHOOL OF PHARMACY.

1898-1899.	Appropriated.	Expended.	Balance.
Salaries for services	\$375 00	\$375 00	
Fuel and lights	3 80	3 80	
Stationery and printing.....	58 36	58 36	
Incidentals.....	36 13	36 13	
Advertising.....	185 00	185 00	
Furniture and fixtures.....	16 00	16 00	
Unassigned	825 71		\$825 71
	\$1,500 00	674 29	\$825 71

PAPER G—SCHOOL OF MEDICINE.

1898-1899.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$675 00	\$675 00	
Salaries for services.....	1,537 56	1,537 56	
Buildings and grounds.....	1,139 25	1,139 25	
Fuel and lights	52 13	52 13	
Stationery and printing.....	146 75	146 75	
Library.....	5 00	5 00	
Apparatus and materials.....	551 42	551 42	
Incidentals.....	200 84	200 84	
Advertising.....	809 69	809 69	
Furniture and fixtures.....	87 92	87 92	
Unassigned	2,794 44		\$2,794 44
	\$8,000 00	\$5,205 56	\$2,794 44

Paper H is an estimate of receipts and expenses for the nine months ending June 30, 1899.

Paper I is a list of appropriations the Board is requested to make at this time.

Paper L is a report of receipts for the three months ending September 30, 1898.

Paper M is a list of general University vouchers presented for audit, being 1 to 550, inclusive.

Paper N is a list of Laboratory of Natural History vouchers presented for audit, being 1 to 87, inclusive.

Paper O is a list of the Agricultural Experiment Station vouchers presented for audit, being 1 to 100, inclusive.

Paper P is a list of vouchers of the School of Pharmacy presented for audit, being 1 to 25, inclusive.

PAPER L—RECEIPTS BY THE BUSINESS MANAGER FOR THE THREE MONTHS ENDING
SEPTEMBER 30, 1898.

University fees.....	\$2,010 00	
Preparatory School fees.....	503 00	
Buildings and grounds.....	28 75	
Fuel and lights.....	67 32	
Greenhouse.....	7 25	
Repair shop.....	24	
Laboratory applied mechanics.....	5 00	
Chemical laboratory.....	17 15	
Incidentals.....	25 17	
Minnesota lands.....	28 80	
Land contracts, interest.....	400 00	
Agricultural Experiment Station.....	590 86	
School of Pharmacy.....	155 82	
School of Medicine.....	889 90	
Land contracts, principal.....		\$4,729 26
		1,060 00
		\$5,789 26

Paper Q is a list of School of Medicine vouchers presented for audit, being 1 to 107, inclusive.

Paper R is a report upon the University land contracts from April 22, 1897, to September 30, 1898.

REPORT OF UNIVERSITY LAND CONTRACTS FROM APRIL 22, 1897, TO
SEPTEMBER 30, 1898.

The following land contracts were received from E. G. Keith, Treasurer:

No.	Name.	State.	Description.
23	James Lowe.....	Nebraska.....	N. W. 13-3-8.....
37	Walter T. Gore.....	".....	N. E. 10-2-8.....
39	John E. Blickenstaff.....	".....	S. E. 31-3-8.....
40	Joseph Dezort.....	".....	N. W. 34-3-8.....
54	Benjamin F. Leiby.....	".....	N. W. 6-2-8.....
58	Mary Muhlhause.....	".....	N. E. 3-2-8.....
61	S. A. Griswold.....	".....	N. W. 3-2-8.....
62	Ellert W. Harms.....	".....	S. W. 6-2-8.....
64	Erick Lindquist.....	Minnesota.....	S. S. 2-116-35.....
66	Joseph Cuta.....	".....	N. E. 12-116-35.....
66	Peter Larson.....	".....	S. W. 20-117-34.....
72	Dale & Roise.....	".....	S. W. 10-117-35.....
73	Olof Mattson.....	".....	N. W. 10-117-35.....
74	Berthel Pederson.....	".....	N. E. S. E. 13-124-37.....
75	S. J. Halquist.....	".....	N. W. 26-117-35.....
76	S. J. Hallquist.....	".....	S. W. 26-117-35.....
80	William Buethel.....	".....	N. E. 10-116-35.....
81	Frank Topeka.....	".....	N. W. 6-116-34.....

No.	Name.	State.	Description.
82	William R. Lemon.....	Minnesota	S. E., N. W. 18-124-36.....
83	Ludwig S. Botten.....	"	N. ¹ / ₂ N. W. 18-124-36.....
84	Anton Vesterud.....	"	S. W., N. W. 12-123-36.....
85	Hans Vesterud.....	"	S. W., S. E. 11-123-36.....
86	Anne Hanson.....	"	S. E., S. E. 21-124-36.....
87	Laura R. DuBois.....	"	N. W. 26-124-36.....
88	T. D. Davidson.....	"	S. E. 23-124-36.....
89	Ole Olson.....	"	N. E. 23-124-36.....
90	Andrew Skredsvig.....	"	S. W. 26-124-36.....
91	O. O. Halverson.....	"	E. ¹ / ₂ S. E. and N. W., S. E. 11-123-36.....
92	O. O. Halverson.....	"	E. ¹ / ₂ N. W. and N. W., N. W. 12-123-36.....
93	O. O. Halverson.....	"	S. ¹ / ₂ S. E. 2. and S. E., N. E., 11-123-36.....
94	O. O. Halverson.....	"	E. ¹ / ₂ N. E. 12-123-36.....
96	Henry A. Lia.....	"	S. E., N. E. 10-123-36.....
97	M. O. Batterberry.....	"	N. ¹ / ₂ S. E. 21-124-36.....
98	John T. Eagan.....	"	S. E., S. W. and S. W., S. E. 21-124-36.....
99	Nels Olson.....	"	W. ¹ / ₂ S. W. 25-124-36.....
100	O. O. Halverson.....	"	S. W., N. E. 11-123-36.....
102	Ludwig Stalman.....	"	N. E., N. E. 3-123-36.....
103	Tollef E. Natten.....	"	N. E., S. W. 21-123-36.....
104	Knudt Halverson.....	"	N. W., N. E. 3-123-36.....
106	Peter Teden.....	"	S. ¹ / ₂ S. E. 26-124-36.....
107	T. D. Davidson.....	"	S. W. 24-124-36.....
108	F. E. Olson.....	"	N. E. 2-123-36.....
109	Otto Monsoa.....	"	N. W., S. E. 4-123-36.....
110	J. F. Erickson.....	"	Pt. S. W., S. E. and N. W., S. E. 25-124-36.....
111	Per Norberg.....	"	N. ¹ / ₂ N. E. 8-117-34.....
112	Ole Lundquist.....	"	N. ¹ / ₂ N. E. 26-117-34.....
113	Peter Lundquist.....	"	S. ¹ / ₂ N. E. 27-117-3.....
114	Simon Larson.....	"	N. E. 34-117-33.....
115	H. M. Killeen.....	"	S. E., S. E. 31-124-36.....
116	Joseph Hollan.....	"	S. W. 6-116-34.....
117	Joseph Cuta.....	"	N. ¹ / ₂ S. E. 12-116-35.....

Of these contracts Nos. 37, 39, 61, 66, 74, 83 have been paid in full, the contracts returned to the University, and deeds given.

Nos. 82, 86, 87, 88, 89, 90, 91, 92, 93, 94, 96, 100, 101, 102, 104, 106, 107, 108, 110, 111, 115 have been declared void, as payments of interest are several years in arrears. Most of these contracts have been assigned to the University. Some four or five more will be declared void after January 1, 1899, if the payment of interest is delinquent three years or more.

I should be glad to know if this course is approved by the Board. I also wish instructions in those cases where the contracts are not assigned to the University when declared void.

The following named contracts have been issued since April 22, 1898:

No.	Name.	State.	Description.
118	James Spevacek.....	Minnesota	S. ¹ / ₂ S. E. 12-116-35.....
119	Joseph Majner.....	"	S. E., N. W. 8-116-34.....
120	Michael J. Dowling and Timothy O'Conner.....	"	S. W. 6-116-35.....
121	Michael J. Dowling and Timothy O'Conner.....	"	S. E. 6-116-35.....
122	Reinhard Kohls.....	"	N. W. 28-117-35.....
123	Iver Aspaas.....	"	W. ¹ / ₂ S. E. 32-117-33.....

These lands were sold at \$15 per acre.

The following collections have been made on account of land contracts:

Date.	Name.	Contract No.	Principal.	Interest.
1897.				
May	17 R. L. Gunear.....	61	\$250 00	.....
June	1 R. L. Gunear.....	61	1,050 00	\$209 10
"	4 J. E. Blickenstaff.....	39	300 00	34 80
"	7 R. L. Gunear.....	61	.....	48 32
"	19 J. Spevacek.....	118	200 00	.....
July	9 James Lowe.....	23	.....	144 00
Oct.	10 E. Lindquist.....	64	50 00	3 00
Dec.	7 Peter Larsen.....	66	533 34	53 33
"	10 Otto Monson.....	109	.....	57 00
"	10 S. J. Hallquist.....	75	.....	52 50
"	10 S. J. Hallquist.....	76	.....	52 50
"	18 W. T. Gore.....	37	1,200 00	82 50
"	20 J. Dezort.....	40	.....	96 00
"	21 Joseph Cuta.....	65	.....	21 00
"	21 Joseph Cuta.....	117	.....	71 40
"	23 James Spevacek.....	118	.....	40 83
"	24 E. W. Harms.....	62	.....	200 00
"	30 Olof Mattson.....	73	.....	70 00
Dec.	30 Joseph Hollan.....	116	.....	126 09
"	30 Frank Topka.....	81	150 00	42 00
"	30 Berthel Pederson.....	74	35 00	2 45
1898				
Jan.	1 B. F. Leiby.....	54	.....	97 78
"	1 Erick Lindquist.....	64	100 00	42 00
"	1 William Buethe.....	80	120 00	42 00
"	5 Roise & Qvale.....	72	120 00	42 00
"	14 John Houlton.....	58	.....	112 00
May	4 Joseph Majxner.....	119	100 00	.....
"	4 T. O'Conner and M. J. Dowling.....	120	342 60	.....
"	4 M. J. Dowling.....	121	360 00	.....
June	13 Erick Lindquist.....	64	100 00	3 00
July	2 James Lowe.....	23	.....	300 00
"	25 Iver Aspaas.....	123	200 00	.....
"	25 Reinhard Kohls.....	122	360 00	.....
Sept.	26 James Lowe.....	23	500 00	100 00
			\$6,070 94	\$2,145 71

The \$6,070.94, on account of principal, has been turned over to the State Treasurer. Receipts for this payment are on file in the Business Manager's office of the University for \$4,270.94; the first \$1,800 received being turned over through the University Treasurer.

The \$2,145.71, on account of interest, has been turned over to the University Treasurer.

Paper S is a letter from Mr. E. G. Keith, Treasurer, enclosing one from Professor Bruner's lawyers.

Respectfully submitted,

S. W. SHATTUCK,
Business Manager.

The appropriations recommended by the Business Manager were made, as follows:

APPROPRIATIONS.

Board expenses	\$400 00	
Salaries for instruction	32,000 00	
Salaries for services	6,000 00	
Buildings and grounds	1,000 00	
Fuel and lights and electric power	4,000 00	
Stationery, printing, etc.	500 00	
Advertising and postage	500 00	
Repair shop	600 00	
Mechanical department	300 00	
Departments	300 00	
Laboratories	600 00	
Library and apparatus	50 00	
Incidentals	600 00	
Furniture and fixtures	400 00	
Heating apparatus	500 00	
Water supply	250 00	
Minnesota lands	200 00	
Blue print room	200 00	
Music fees for Miss Fox	97 63	
Library School	200 00	
Expenses of delegate to Washington	81 05	\$48,778 68
School of Pharmacy	4,000 00	
School of Medicine	12,000 00	
Agricultural Experiment Station	4,500 00	
Laboratory of Natural History	3,000 00	
Water survey of State	750 00	\$24,250 00
		\$73,028 68

The Board adjourned.

W. L. PILLSBURY,
Secretary.

F. M. MCKAY,
President.