# MEETING OF JUNE 9, 1891.

The Board of Trustees of the University of Illinois met in the University Parlor, in Urbana, Illinois, at 4:30 o'clock p. m., Tuesday, June 9, 1891. The members present were Messrs. Bullard, Bryant, Cobb, Funk, Graham, McKay, McLean, Morgan, Raab and Shawhan; absent, Governor Fifer and Mr. Clemens.

On motion of Mr. Raab, the reading of the minutes of the last meeting was dispensed with and the minutes were approved.

On motion of Mr. Cobb, the Board proceeded to the election of a regent.

Mr. Cobb nominated Dr. Selim H. Peabody for the place. The roll was called on the nomination and the vote stood as follows: Aye—Cobb, Funk, McLean, Raab, and Shawhan—5. No—Bullard, Bryant, Graham, McKay, and Morgan—5. And there was no election.

The Regent, Dr. Peabody, was then asked to present his report.

#### REGENT'S REPORT.

To the Trustees of the University of Illinois:

GENTLEMEN: The twenty-fourth year in the history of the University now draws to a close; the twentieth class comes to its graduation, the largest class since the beginning, numbering forty-nine members, and representing all departments of instruction.

I have to present the following list of persons recommended by the Faculty for the various degrees to be conferred, and to request that you will approve the recommendations.

#### DEGREES, CERTIFICATES, AND COMMISSIONS.

The Faculty recommends that degrees be conferred on commencement day, as shown by the following list:

College of Agriculture. Degree of Bachelor of Science.

Frank Duane Gardner.

| Clarence Albert Shamel.

COLLEGE OF ENGINEERING. Degree of Bachelor of Science.

Course in Mechanical Engineering.

Willard Albion Boyd. Fred Lyle Bunton. Ora Deal McClure. Lorin William Peabody. Frederic William Richart. Ross Strawn Wallace.

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Course in Civil Engineering.

John Needels Chester. Edward Charles Eidmann. Frank Harvev Eno. John Henry Frederickson, Charles Gibson. Jay Tarven Harris. Alfred Ernest Harvey. Walter Morris Hay. Charles Jacob Mitchell. John Henderson Powell. Charles Davis Vail.

Course in Architecture.

Ernest Newton Braucher. Edward Besangon Clarke. Frederic Woodruff Clarke. Ransford Morton French. Walter Francis Shattuck. Charles B. Young.

COLLEGE OF NATURAL SCIENCE. Degree of Bachelor of Science.

Course in Chemistry.

Thomas Barelay. Dick Hubert Chester.

Franklin Oscar Smolt.

Course in Natural History.

Alice Virginia Broaddus. Thomas Stephen Green. Emma Effie Seibert. Joseph Samuel Terrill.

COLLEGE OF LITERATURE AND SCIENCE. Degree of Bachelor of Literature.

Course in English and Modern Languages.

Helen Eliza Butterfield. Anna Carson. Nellie Margaret Darby. Hans Frahm. Opal Beatrice Heller. Mabel Jones. Wirt McCormick. August Maue. Clara Myers. Anna Fletcher Shattuck.

Course in Ancient Languages. Degree of Bachelor of Arts.

Thomas James Howorth.

CERTIFICATES FOR COURSES OF THIRTY-SIX STUDIES.

Laura Mae Beach. Charles Sherman Bouton. Lawrence Fischer. Glen Moody Hobbs. Isabella Eliza Jones. Sarah Mariena Paine.

The following advanced degrees:

Albert F, Robinson Mark Fargusson. Charles H. Shamel Benjamin Bing George W. Myers. Harriet (Boggs) Love	1887 1890 1888 1888	Civil Engineer
	l i	

Honorary degrees conferred upon alumni having certificates of more than ten years' atanding:

	1	1
James N. Mathews	Class of 1872	. Master of Literature
Trad I Hatab	(( 1000	Magton of Coionas
Henry E. Robbins	1873	
Henry M. Dunlan	1875	
Henry E. Robbins Henry M. Dun!ap Winfield B. Everhart Clarence O. Scudder	" 1875	. Master of Literature
Clarence O. Scudder	1875	
Frank A. E. Starr	'' 1876	
Charles G. Elliott	'' 1877	. Civil Engineer
Avis E. Smith	'' 1877	. Master of Science
Roland R. Conklin	' 1880	. Master of Literature

The following having completed their courses in military science, have been recommended to the Governor of the state, and have been honored by him with commissions by brevet as captains in the Illinois National Guard:

Frank Harvey Eno. Alfred Ernest Harvey. Edward Besançon Clarke. Frederic Woodruff Clarke.

Ora Deal McClure. Franklin Oscar Smolt. Ross Strawn Wallace. Charles Davis Vail.

The affairs of the University, as concerned by legislation still pending in the General Assembly, are as follows:

The askings for the University were duly presented in the two houses of the General Assembly. Sub-committees from the regular appropriation committees visited the University, and representatives of the University presented statements of its needs to the full committees at Springfield. The Senate passed the bill with only slight reductions. The rejuctions made by the House committee on appropriations were more serious; they have been approved by the House. The bill has passed second reading, and will undoubtedly pass the House and be concurred in by the Senate in its present form. [It was so passed, and was concurred in by the Senate June 11th]. The bill as it stands is the largest ever passed for this institution. While some of the reductions are in sensitive places which give annoyance, the two most important items, that for expenses of instruction, and that for a new building remain as asked, and are substantial subjects for congratulation. The bill provides as follows:

of which \$70,600 will be available July 1, 1891, and \$63,600 July 1, 1892.

The General Assembly also passed an act giving assent to the purposes of the congressional act of August 30, 1890, known as the Morrill college aid bill, and appropria ing any moneys which might come into the hands of the State Treasurer before July 1, 1893, to the University of Illinois. This action is in accordance with suggestions made orally by the Attorney General of the state and reaches forward to the extent of the authority of the present legislature. Pursuant to the provisions of congressional and state acts, the first installment, of \$15,000, has been received by the University Treasurer, and has been put to use in accordance with your directions given at the meeting in March. In reponse to official inquiries made for the Secretary of the Interior by the Commissioner of Education I have reported to him the disposition made of this \$15,000, and I have received assurance that the second installment, \$16,000, will be forwarded shortly. It is evidently understood by the officials at Washington who have charge of disbursements under the act in consideration, that each institution must make a report satisfactory to the conditions of the law, upon the uses made of the money received under one disbursement before another disbursement or installment will be paid over.

The appointments made possible by reason of the increased funds of the University, and authorized by you, have all been made, except to the chair of mining engineering. For this negotiations are still pending. The gentlemen placed in the other chairs are proving themselves well worthy the confidence placed in them.

Among the younger men who have been doing excellent work, and who, I think, deserve at your hands substantial recognition of this fact, I beg to name Professor Frederick, Assistant Professors Stratton and Myers, and Assistant Grindley. Mr. Parker, foreman and teacher in the woodshop, asks a moderate increase of salary, which should be allowed. If the University is to go forward with building operations, Mr. Parker's services cannot well be spared.

I present the following communication from Professor Ricker:

To the Regent and Board of Trustees of the University of Illinois.

GENTLEMEN: I beg leave to present the following recommendations and statements for your consideration.

- A. For the College of Engineering.
- 1. That a second Thatcher's computing scale be purchased for the use of the College during the next University year. It will be much needed, is the best computing instrument of moderate cost now in use, and costs \$30 and express charges.
- 2. That a Webb's adder be likewise purchased for the use of the College, costing \$7 and express charges.
  - B. For the department of architecture.
- 1. That \$40 be appropriated for an additional case for the collection of plates in the architectural room, to be placed next east of the two cases now in use, which are filled, leaving about 1,500 additional plates for which there is no place.
- 2. That \$30 be appropriated for a case for catalogues and price lists of building materials and appliances to be placed between the proposed case just mentioned and the steam radiator.
- 3. That \$75 be appropriated for a good photographic camera of the latest pattern and outfit, to be used for taking views of buildings, of structural and ornamental details, etc., as opportunity offers. The lens belonging to the department was stolen from the blue print room several years since and has never been traced.
- 4. The last appropriation of \$100 for purchase of materials for the architectural collection has been exhausted. About one-half the appropriations for this purpose are necessarily expended for the purchase of portfolios, mounting boards, etc., leaving a comparatively small amount for the purchase of photographs, engravings, etc.
- 5. That two respectable instructor's desks be purchased for the use of the professor and assistant in architecture.
- 6. That Mr. James M. White be retained for the next year if possible. He is a first-class man, one of the best and most promising graduates of the University, and has done excellent work as an instructor during the year just ending, being a very competent and popular teacher, and enthusiastic in his chosen profession. It would certainly be very unfortunate for the University to lose the services of so good a man, merely because the profession offers him more attractive and promising inducements to leave.
  - C. For the architectural shops.
- 1. That \$800 be appropriated for the erection of an isolated wooden store-house for lumber, with proper racks and a roof of corrugated iron. The present sheds were built for temporary use over twenty years since, and have practically rotted down.
- 2. That \$200 be appropriated for a new dry kiln. It is proposed to build this of brick, with arched brick roof, tinned outside, and with tinned wooded doors at each end. Dimensions 18x7x6 feet inside, with flat steam coil beneath the whole, and a ventilating flue. The old dry kiln has decayed, and is also somewhat dangerous to the main building. A dry kiln of some kind is an absolute necessity, since the kiln-dried lumber purchased in Chicago will absorb sufficient water while stored or

being worked so that it cannot be satisfactorily used in the steam-heated University buildings.

3. Some repairs to the present wood-working machines and some additional machines are very much needed, especially if the wood-work and fixtures of the proposed new University buildings are to be made in the shops.

The tenoning machine will require about \$100 to put it in good condition. The molding machine will require about the same sum.

A power mortising machine is a necessity, as the old foot-power machine is inaccurate, is very slow and hard to operate, has been in use over twenty-one years, and ought to be thrown aside.

An improved saw-bench is also much needed, since a good one with the latest improvements is the most useful machine in a shop.

A pony planer for smooth-surfacing of small pieces and thin lumber would also be exceedingly useful, as the large planer is not suited for this kind of work.

In conclusion, I regret being compelled to state that it will be simply impossible for me to take charge of the erection of the proposed new building for the University as architect, under present conditions, and in addition to the regular work in instruction now required of me.

It should be remembered that the assistant in architecture has always been required to devote two-thirds of his time to instruction in general classes in the College of Engineering, thus being able to take but a single architectural class per term, or three classes during the entire year, which leaves all remaining special instruction in architecture to me. This work fully occupies my entire time and strength during the term, leaving very little opportunity for making improvements in the course of instruction, or to revise and extend lecture notes and text books, except during the vacations. Indeed, it is not probable that there is any other school of architecture elsewhere in the United States in which one and one-third instructors are expected and required to impart all the necessary special instruction and training to at least sixty-five architectural students.

Courses of study in architecture have recently been introduced in two more educational institutions, now making six architectural schools in the United States, and another will undoubtedly be opened in Chicago within a very few years. In order to maintain the present satisfactory reputation and prestige of this school of architecture in competition with the efforts of the other schools, two things are urgently required—money and hard work. Since it does not now appear that abundant funds will ever be available for this purpose, the amount of hard work will necessarily be greatly increased, because done at a great disadvantage in comparison with most other schools. The entire time of two instructors ought henceforth to be devoted to the special instruction in architecture, and no better investment could be made at this time.

Very respectfully submitted,

N. CLIFFORD RICKER.

Professor Ricker's requests when classified will be as follows:

From state appropriation for furniture— Two cases and two desks From state appropriation for apparatus— Two computers. Camera. Collection	\$40 00 75 00 100 00	\$100 00
For buildings, current funds		215 00 1,000 00 1,000 00

I regret the necessity of presenting to you a communication from Professor Arthur T. Woods declining re-election. Professor Woods has

served the University for eight years, in a most important position and in a manner beyond criticism. It is a post difficult to fill, and it will not be easy to find a successor of equal scholarship and capacity.

CHAMPAIGN, ILL., June 3, 1891.

To the Regent and Board of Trustees, University of Itlinois.

GENTLEMEN: It is my duty to inform you that, having accepted the position of professor of dynamic engineering in Washington University, St. Louis, I am not a candidate for reappointment as professor of mechanical engineering in the University of Illinois.

## Very respectfully,

ARTHUR T. WOODS.

The sale of lands in Minnesota is progressing quietly. Nearly a thousand acres have been sold since your last meeting.

I present reports from the Board of Direction of the Experiment Station, from the farm, and from the State Laboratory of Natural History:

#### AGRICULTURAL EXPERIMENT STATION.

The Board of Direction of the Agricultural Experiment Station presents the following papers:

Paper A is a list of warrants drawn, Nos. 896 to 967, inclusive, and is accompanied with vouchers for the same.

Paper B is a statement of the expenditures for the quarter ending March 31, 1891.

Paper C is a statement of the appropriations, expenditures and balances for the quarter ending June  $30,\ 1891.$ 

Paper D is a statement of appropriations asked for this and the next quarters.

PAPER B-STATEMENT OF EXPENDITURES FOR QUARTER ENDING MARCH 31, 1891.

lings and repairsd expense	\$20	00
d expense.	24	66
s and publications		26
nical apparatus and supplies.	2	00
tine	676	
nical apparatus and supplies	47	53
izers and lights.	6	00
and lights	80	00
entals	18	55
ing stationery and nostage	29	
ies	1.518	
s and trees		16
and supplies	35	
and suppress		
ring experiments	28	95
<u> </u>		
Total	3,300	57
Balance	\$953	00

Paper C-Statement of Appropriations, Expenditures and Balances for Quarter Ending June 30, 1891.

•	Appro- priations.	Expended	Balances
(Dry room	\$50 00		\$50 0
Buildings and repairs. Dairy-house	250 00		250 0 65 0
Board expenses			30 0
Books and publication	150 00		150 0
Botanical apparatus	25 00		25 0
Bulletins	300 00		300 0
hemical apparatus	50 00	·	5 <b>0</b> 0
Gertilizers	10 00		19
uel and lights	150 00	) <u></u>	150 0
ncidentals	25 00		15 0
rinting, stationery, and postage	1.800 00	858 33	25 0 941 6
alarieseeds and trees	50 00		24 0
ools and supplies	200 00		188 1
Vages and teams			483 9
Sundry experiments-		1	
Dairying experiments	100 00		75 4
Theat experiments	50 00	32 09	17 9
Total	\$4,405 00	\$1,561 91	\$2,843 0

#### PAPER D-ESTIMATES.

Total  For Quarter Ending September 30, 1891.  Buildings and repairs.  Board expenses.  Books and periodicals.  Botanical apparatus.  Bulletins.  Chemical apparatus.  Fuel and lights Incidentals.	
Buildings and repairs Board expenses. Books and periodicals. Botanical apparatus Bulletins Chemical apparatus Fuel and lights Incidentals.	\$570 00
Printing, stationery, and postage. Salaries. Tools and supplies. Wages and teams. Sundry experiments— Dairying experiments. Wheat and other experiments in southern Illinois.  Total	\$10 00 40 00 50 00 70 00 250 00 2275 00 60 00 25 00 25 00 1,750 00 1,050 00 100 00 \$3.840 00

The Board of Direction asks that the Trustees appropriate funds according to estimates in Paper D for the use of the Station.

The Board of Direction asks that its president and secretary have authority to use for such purposes as may best subserve the interests of the Station, any unexpended balances of the Station funds appropriated for this fiscal year.

The Board reports that it has appointed Mr. F. D. Gardner, assistant agriculturist, for the rest of the year ending March 31, 1892, at a salary of \$900 per annum; and that it has raised the salary of Mr. G. P. Clinton, assistant botanist, from \$600 to \$750 per annum from September 1, 1891, to March 31, 1892, and it asks that its action be approved by the Trustees.

The Board of Direction asks authority to undertake these new experiments:

- 1. To improve and produce varieties of cereals.
- 2. To investigate the strength and composition of fibre plants.

By order of the Board of Direction of the Experiment Station.

SELIM H. PEABODY, President.

#### FARM REPORT.

Dr. S. H. Peabody, Regent,
SIR: During the three months ending June 1, 1891, the receipts

The receipts may be classified thus: Horses, \$350; cattle, \$407.53; pigs, \$68.13; seed corn, \$210.59; hay, \$209.20; clover seed, \$37.65; miscellaneous, \$20.00.

The expenditures may be classified thus: Labor, \$409.86: live stock, \$55.00; feed, \$30.20; seeds, \$14.78; machinery, repairs, and miscellaneous, \$36.13.

The farm work is well advanced. Corn, oats, and grass are suffering for lack of rain. The live stock is, in general, in good health and condition.

Respectfully submitted,

G. E. Morrow, Professor of Agriculture.

#### STATE LABORATORY OF NATURAL HISTORY.

University of Illinois, June 8, 1891.

To the Trustees of the University of Illinois.

GENTLEMEN: I have the honor to report concerning the appropriation bill for the Illinois State Laboratory of Natural History now pending before the legislature (a copy of which is transmitted herewith) that it has passed the Senate by a unanimous vote, and that it is now on its second reading in the House, where it has been favorably reported by the appropriations committee. It has received but one amendment, and this in the form of an addition (proposed by the Senate committee on appropriations) of \$600 for the publication of additional copies of the first volume of the Natural History Survey of the State.

The entire amount of the bill as it stands, is \$14,100 for the two years; an increase of \$2,600 over the appropriation of the last session.

I have to recommend the following salary list for the Laboratory staff during the coming two years \*conditioned (in such way as the Trustees may deem best) upon passage of the Laboratory appropriation bill substantially as now pending:

Professor T. J. Burrill, \$200 per annum; Mr. John Marten, \$1,000 per annum; Mr. C. A. Hart, \$750 per annum; Miss M. J. Snyder, \$750 per annum; Mr. H. S. Brode, \$200 per annum.

* The bill was passed	l June 10, without	change, with the f	ollowing allowances:
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For salaries and assistance.  For publication of bulletins.  For illustration of report of Entomologist.  For printing and binding additional copies of Vol. 1 of Natural His-	500 per annum. 000 '' 500 '' 500 '' 600
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I have further to request the assignment (conditioned as before) of the following sums from the next appropriation for the expenses of the Laboratory during the quarter ending September 30, 1891:

The foregoing items are, as it will be seen, one-fourth the annual appropriation in the bill, with the exception of those for the library and the illustration of the State Entomologist's report, which are for the whole of the annual appropriation. The insufficient appropriation made by the last legislature for library purposes has thrown us behind with respect to the books needed for current work and that next to be taken up, and I should like, consequently, to use at once the whole of the library appropriation for the year.

As the item for illustrations is used but once in two years, it seems hardly necessary that it should be drawn from the treasury in quarterly installments.

## Respectfully submitted,

S. A. Forbes, Director of Laboratory.

On the night of the eleventh of April, Military Hall and Machinery Hall were broken open and all the small arms stored in the two places, including swords and rifles, were carried away. The perpetrators of the act have not been discovered. The rifles and some of the swords were found the next day and were brought back to their places. I immediately placed a watchman in Military Hall, and, with the advice of the President of the Board, have continued this care to the end of this term. The rifles were much rusted and suffered other injuries, which have caused some expense in putting them again in order.

Also Board expenses are larger than estimated.

Professor Shattuck asks for these causes from current funds:

For military department. 50 00 For Board expenses 200 00 To which I must add for myself, for legislative duties at Springfield since the	For Board expenses	\$150 00 50 00 200 00 20 94
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#### DONATION BY TYLER M'WHORTER.

I have the pleasure to report a valuable donation of geological specimens and books from Tyler McWhorter, Esq., of Aledo, Mercer county. His letter of gift is herewith appended. As authorized by the Trustees in such cases, I have sent to him a letter of thankful acceptance, and have assured him that the conditions of his gift will be respected.

ALEDO, ILL., June 2, 1891.

To the Board of Trustees of the University of Illinois.

Gentlemen: I have decided to donate my Geological and Mineralogical collection, containing about twelve hundred species, to your University on the following conditions:

1st. That this collection be placed in the museum of your University for the instruction of the students; and that a suitable acknowledgment of the donation shall be framed and kept in an appropriate place in the museum of the University.

2d. Each species label, which marks a specimen from my collection, shall bear my name as donor.

3d. Duplicates in my collection may be used for exchange, or for other purposes at your discretion.

Witness my hand.

TYLER MCWHORTER.

A communication from a committee of the State Horticultural Society is herewith submitted:

#### COMMUNICATION FROM STATE HORTICULTURAL SOCIETY.

To the Board of Trustees University of Illinois.

Gentlemen: The Illinois Horticultural Society desires to make an exhibit of trees, plants, etc., in fruitage, at the World's Fair, and would like the assistance and co-operation of the horticultural department of the University in carrying forward its plans. The making of this exhibit is dependent upon the future action of the authorities, but the Society would like the consent of the Board of Trustees to the proposition at this time in order that necessary preliminary work may be done in preparing plants for fruitage during the summer. The Society will defray all expenses of work undertaken at its direction.

Respectfully submitted,

HENRY M. DUNLAP, Committee.

CHAMPAIGN, June 9, 1891.

Dr. S. H. Peabody, Regent University of Illinois,

Dear Sir: I communicate herewith the request of Mr. H. M. Dunlap on behalf of the Illinois State Horticultural Society. It appears to me that the work desired can be done by the University horticultural department without detriment to itself in any way. The question however still remains as to whether this department should attempt similar work for itself. Should this be done that for the Society need not be refused. While it is desirable that Mr. Dunlap's request should be answered now, it is not necessary—so far as the actual work is concerned—that the part relating to the exhibit by the department itself be specially considered until the next meeting of the Board of Trustees.

I am very truly yours,

T. J. Burrill.

I have thus far sought to make in this paper only such statements as concern the work of the University and its interests, down to the present time. There is much that should be said touching its needs in the immediate future, and the disposition of the appropriations by the United States and the state, soon to fall under your control. It does not seem to me proper that I should now enter upon these topics.

I must, however, express my thanks for the evidence this Board has shown of its confidence in me, by approving for eleven years, with such remarkable constancy and unanimity, the plans and propositions which I have been permitted to present.

I wish to make two requests. The first is that I may be permitted to have the written statement of the acts of the Regent and Faculty, which I presented at the March meeting, on the occasion of the inquiry into those acts pursuant to a petition of the students in re Steele and Pasfield,—entered upon and made part of the minutes of the Board of that meeting. It appears to me that in a transaction of so grave a nature as that was, that the Regent and Faculty are entitled to a place in the record for their plea, equally with the findings of the court, and the expressions of gratification which the complainants were afterwards pleased to present.

The second is that for its beneficial influence on the good fame of the University, a statement of the Foster North case, including so much as has already been printed in the University reports, and the decision of the Supreme Court of the State of Illinois, be printed; and that at least

2,000 copies be circulated through the state. Nothing could so surely set at rest certain slanderous accusations which have so constantly been flung at the University, as a circulation of this document.

With an abiding faith in the growth and ultimate prosperity of the University of Illinois, to which, for thirteen years, I have given all that I had, might, mind, soul, and strength, and awaiting your farther pleasure, I remain, ever your obedient servant.

### SELIM H. PEABODY,

Regent University of Illinois.

At the request of the Board, the following supplementary report was made:

In regard to the legislative appropriations, I would make the following suggestions:

- 1. As to Furniture. That funds be set aside sufficient to buy 2,000 chairs for the Military Hall. These may cost as much as \$5.00 a dozen, and in that case would require \$833.33, besides freight. These need not be bought until near the end of the next year. When procured some arrangement must be made for their storage.
- 2. As to heating Military Hall. The plans have all been elaborated by Professor Woods. I think the boiler, tunnel under street, main steam pipes, distributing pipes and returns, should be put in as planned, using the utmost economy possible. A part of the radiators may be omitted, perhaps, for a time, and it may be that some additions to available funds may be made from current funds. This heat will not be needed before December first, and perhaps not until after New Year's. I would then leave the matter until after the opening of the next college year. There will be then plenty of time. Nothing else depends on this to be delayed by it. The progress of the work will not interfere with students' work, and the whole may continue to be a good object lesson for the mechanical engineers.
- 3. The barn. For this the appropriation has been severely cut. The matter needs immediate attention. I would recommend the extension of the barn to the full limit proposed—104 feet in length, of the width already begun—and that so much be finished up substantially, with no unnecessary ornaments, and well painted. From the report of the Business Agent, I believe that \$1,000 or even \$1,500 may be added from the current balance to the \$2,500 allowed by the state, and I believe that the larger part of the contemplated improvements can be secured with this money. I would suggest that a committee be appointed to perfect detail plans and to go forward promptly with the work at cost of barn not to exceed, say \$3,500. It may be that some aid might be had from Experiment Station funds, for the fittings, stalls, etc., etc., to be put inside, but I am disposed to think that we may get through without aid from this source, and should do so if possible. Additional matters, such as sheds, corn-cribs, pig-house, etc., can wait.
- 4. The new building. The plans for this building are my own, They are the result of study for about five years, in which I have had this on my mind, and of observation at home and abroad. The museum, especially follows what I believed to be the most eligible plan I saw in Europe, in a museum building lately finished in the Jardin des Plantes at Paris. The plans have done so much service, at least, that they have been the necessary basis for the appropriation.

I understand, however, that although once approved by every one nearly interested in them, some objections are now raised. I hope that they will be referred to a committee, upon which all interests may be represented, and that the outcome may be a thoroughly good architectural building, fitted for convenient and practical work.

Some time will necessarily elapse in preliminaries. I regret that Professor Ricker feels that he cannot give any attention to it. It will be

desirable, if possible to get the building enclosed before winter, if not the whole, perhaps only the main part. If the whole could be finished, ready for a dedication at the next commencement, and for occupation in the following autumn, it would be greatly desirable. It seems to me that arrangements can be made which would allow contractors to go forward, to receive a part of their pay after July 1, 1892; that the money having been appropriated by the state, may be counted as as ets belonging to the institution. If, as I fear, the provision for heating should be found inadequate, I think that it might be aided in some respects from the building fund; and that, say the attic story and the basement, may be left temporarily unfinished. The funishing will be scanty, and in the beginning must rely much on what can be taken from the same department in the old building.

5. Water at the barn. This has come to be a serious deficiency. During many m nths of the last year we have hauled water to the north barn from the hydrants at the University. There are wells at the barn and Professor Morrow's house, but they have gone dry in these last dry years. One project will be to make a deep well, and put on it a wind-mill. This will, perhaps, be the cheapest; but it will be constantly demanding repairs, and will not furnish any considerable fire protection, which we ought to have.

The distance from the barn to the water system at the main building is about 2,400 feet. We could lay an inch pipe to the barn, having it end in a considerable tank. This would not give adequate fire protection. It would cost say, 25 cents per foot, for pipe, digging and laying, or in all, for pipe, tank, and fittings, say \$700.

A four-inch main may be laid in the same distance for 40 cents per foot—and with hydrant would cost \$1,000. Opportunity would be given in either of the last two methods for offsets to the veterinary house, Experiment Station warehouse, and Professor Morrow's house. I believe the latter to be the better method.

6. Buildings and grounds. From this fund should be made the usual appropriation for cleaning and minor repairs needed in the summer vacation, with an addition for painting and calsomining such rooms as most need it, say \$400.

For ceiling the under surface of main stairway, \$60.

University Hall and the Chemical Laboratory have come to need painting as to their outside wood work. They were painted last in 1881. The Observatory and the veterinary building also badly need painting outside. The painting of these larger buildings cost in 1881, about \$750. The material was purchased by the University, and the putting it on was done by contract. I think good work can be secured in no other way.

The care of the grounds from July 1st to end of season will require about \$150 more—making the sum of these demands, \$1,360—as much as it will be safe to draw on this fund for at this time of the year.

- 7. The library fund. Authority is asked for procuring binding to the amount of \$162.50.
- 8. The proceeds of the Morrill college aid bill. You have received \$15,000, being the installment for the year ending June 30, 1890. You will soon receive \$16,000, reing the installment for the year ending June 30, 1891. After July 1, 1891, and when you are prepared to make a proper report on the second installment, you will receive \$17,000, which is the income from this fund properly belonging to the next college year. The \$16,000 soon to be received is, properly considered back pay.

It appears to me that you should make all your estimates for the current expenditures of the year July 1, 1891, to June 30, 1892—or what is practically the same, September 1, 1891, to August 30, 1892, to correspond with the income belonging to the same time. The \$16,000 to be received is really part of the balance coming out of the present year. You might

use some of it, for example, to increase salaries for the coming year, but this would hardly be prudent, because you have no surety that you can continue to maintain such increments of salaries.

You cannot use the \$16,000 to pay salaries for the year just closing, because those salaries are already paid.

I suggest that the same method be adopted for using this money that was applied to the first installment of \$15,000. That you begin at September and pay such salaries as are proper to be so paid, until \$8,000 are so used, and that the other half, \$8,000, be used for "facilities." This will enable you to make a report by the middle of the year, say by February 1st, and so draw the \$17,000 for the current year. This may be provided for by the end of the year, and you can bring the whole into proper adjustment.

Among the "facilities" I would recommend the following:

For library, \$4,000—one-half in the first part of the year; the other half in the second part of the year.

For an equatorial telescope, mountings and house, \$3,000. This will require time, and will fall into the last part of the year.

For the purchase of the Worthen geological collection of State of Illinois—so much as may be needed—not to exceed \$5,000.

For physical apparatus, \$1,000.

For additional machinery and tools in the architectural shops, \$1,000.

The remainder for future consideration, \$2,000.

I beg leave to recommend the following appointments of professors and instructors for the following year:

LIST OF APPOINTMENTS AND SALARIES.

Names.	Position.	Salary.
Thomas J. Burrill	Professor of Botany and Horticulture	\$2,00
Samuel W. Shattuck		2,00
Edward Snyder	Professor of the German Language and Literature	2,00
N. Clifford Ricker	Professor of Architecture	2,00
J. D. Crawford		2,00
G. E. Morrow	Professor of Agriculture	2,00
I. O. Baker	Professor of Civil Engineering.	2,00
S. A. Forbes	Professor of Zoölogy and Entomology	1,00
J. H. Brownlee	Professor of Rhetoric and Oratory Professor of Geology	2,00
C. W. Rolfe	Professor of Geology	2,00
Donald McIntosh	Professor of Veterinary Science	1,80
N. Butler, J	Professor of the English Language and Literature Professor of Municipal Engineering	2,00
A. N. Talbot	Professor of Municipal Engineering	1,80
A. W. Palmer	Professor of Chemistry	1,80
S. W. Parr	Professor of Analytical Chemistry	1,80
Charles DeGarmo	Professor of Psychology	2,00
H. J. Barton	Professor of Chemistry Professor of Analytical Chemistry Professor of Psychology Professor of the Latin Language and Literature.	2,00
F. F. Frederick	Professor of Industrial Art and Design Professor of the French Language and Literature	1,80
M. R. Paradis	Professor of the French Language and Literature	1,80
Charles M. Moss	Professor of the Greek Language and Literature	1,80
S. W. Stratton	Professor of Physics	1,60
	Professor of Mechanical Engineering	2,00
	Professor of Mining Engineering	1,80
	Professor of Physical Culture	1,60
G. W. Myers	Assistant Professor of Mathematics	1,20
G. W. Parker	Instructor in Wood-working and Foreman	1,38
R. Anderson	Instructor in Iron-working and Foreman	1,60
Clara Maud Kimball	Instructor in Vocal and Instrumental Music	30
H. S. Grindley	First Assistant in Chemistry	1,00
H. S. Brode	Assistant in Zoölogy	1,00
James M. White	Assistant in Architecture	85
E. S. Keene	Assistant in Machine shop	85
R. W. Cornelison	Second Assistant in Chemistry	75
Edith A. Shattuck	Assistant in Drawing	50
	Instructor in Mathematics	75
	Instructor in Preparatory Latin	75
Ologran Ponnott	Assistant Librarian	85

The following list of vacancies and new places should be filled:

Professor of mechanical engineering.

Professor of mining engineering.

Professor of physical culture.

Assistant professor in physics and electricity.

Instructor in preparatory Latin.

Assistant to Professor Brownlee, and teacher of English.

If Professor Ricker has full assistant, then an instructor in drawing will be indispensable.

If the new building requires much of Mr. Parker's superintendence, then an assistant is needed in the architectural shops.

The usual authority for advertising should be given.

Respectfully submitted,

SELIM H. PEABODY, Regent.

On motion of Mr. McKay, the Board of Trustees authorized confering degrees and granting certificates as recommended by the Faculty of the University, and approved the recommendations for commissions.

On motion of Mr. McKay, the list of professors and instructors was then taken up.

On motion of Mr. Morgan, Professor Frederick's salary was raised to \$1,800 a year.

On motion of Mr. Cobb, Mr. Stratton was made professor of physics with a salary of \$1,600 a year.

On motion of Mr. Raab, Assistant Professor Myers' salary was made \$1,200 a year.

On motion of Mr. Cobb, the appointments of professors and assistant professor, as recommended in the Regent's report, was then approved and the salaries fixed as therein named.

On motion of Mr. Raab, the salary of Mr. Parker was raised to \$1,380 a year.

On motion of Mr. Raab, the appointment of instructors and assistants, as recommended in the Regent's report, was approved and the salaries fixed as named therein.

On motion of Mr. Cobb, Professor Shattuck was re-appointed Business Agent for the year from Sept. 1st, at a salary of \$600 a year; and Mr. A. B. Baker was appointed chief janitor for the same time at a salary of \$840 a year.

On motion of Mr. Cobb, the Board approved the assignment of salaries for the next two years to the several persons on the staff of the State Laboratory of Natural History as reported by the Director of the Laboratory, Professor Forbes.

On motion of Mr. McKay, the Board approved the action of the Board of Direction of the Experiment Station in appointing Frank D. Gardner assistant agriculturist at a salary of \$900 a year for the year ending March 31, 1892, and in raising Mr. Geo. P. Clinton's salary to \$750 a year from Sept. 1, 1891, to March 31, 1892.

On motion of Mr. Cobb, the recommendations of Professor Ricker regarding a new store-house for lumber, and a new dry kiln were referred to the Committee on Buildings and Grounds.

On motion of Mr. Graham, the Committee on Instruction with the Regent were requested to propose suitable persons for the vacant professorships and assistants' places.

The Board then adjourned to meet at the Doane House, in Champaign, Ill., at 8 o'clock p. m.

#### EVENING SESSION.

The Board met pursuant to adjournment at 8:15 o'clock p. m., the same members being present as in the afternoon.

On motion of Mr. Raab, appropriations of the Station funds were made according to Paper D in the report of the Station.

On motion of Mr. Raab, authority was given the Board of Direction to expend unused balances of appropriation for this year as it requested.

On motion of Mr. McKay, the Board of Direction was given the permission asked to take up new experiments.

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

TREASURER'S REPORT.

JOHN W. BUNN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS.

1891.		Dr.		
March	10	To balance	\$15 00 400 00	\$16,208 0
	20	of Illinois		15,000 (
	31	"amount rec'd on account University students' fees preparatory year. buildings and grounds laboratories	\$1,455 00 245 00 15 00 2 25	·
April May	1 1 30	"interest on Sangamon county school bonds	\$122 00	1,717 2 90 ( 258 (
	90	" land contract, No. 23, James Lowe 30, E. L. Baughman, assignee interest on land contract, No. 41, U. M. Losey, as-	40 95	
		signee	42 <b>7</b> 5 <b>18</b> 20	223
		"amount received on account buildings and grounds "fuel and lights "mechanical department."	\$15 00 51 26 221 40 450 24	
		" " architectural " agricultural " agricultural " horticultural " laboratories	$\begin{array}{c} 450 & 24 \\ 1,302 & 10 \\ 262 & 00 \\ 443 & 18 \end{array}$	
		" " gymnasium " University students' fees	$\begin{array}{c} 6 \ 00 \\ 1,555 \ 00 \\ 255 \ 00 \end{array}$	
		" " music fees	205 00	\$4,766
				\$38,678

# Treasurer's Report-Concluded.

	1:			Cr.		
1891. <b>I</b> ay	20 B	amount pai	on age	unt Board expense	\$185 34	
Lay	بربد المد	amount par	ı on acco	unt Board expensesalaries	5,601 28	
,				buildings and grounds	176 74	
				fuel and lights	413 80	
			"	stationery and printing	330 53	
		• • •		preparatory year	664 98	
		44		mechanical department	247 60	
				architectural	388 94	
			"	agricultural "	538 67	
	1	• • •	" "	horticultural '	61 08	
			4.6	military "	33 22	
			* *	laboratories	305 03	
			"	library and apparatus	30 38	
	- 1		" "	incidental expense	162 96	
				mordontal expense		\$9,140 55
			" "	water supply	\$200 00	WO, 110 DC
				furniture and fixtures	112 74	
	1 66		"	moving machine shop	3 20	
			"	gymnasium	144 97	
				Griggs farm	53 50	
				Griggs farmgrading campus	350 00	
			• •	music fees.	205 00	
				music 100s	200 00	1,069 41
	1 60			buildings and grounds	\$320 15	1,000 4
			* *	mechanical and arch'l shops.	211 92	
			"	books and publications	424 82	
				cabinets	190 99	
	1 60			expenses of instruction	2.067 18	
			6.6	machine shop boiler	40 52	
			4.6	State Laboratory of Natural	40 02	
	j			History	1,166 71	
	İ			1110001 y	1,100 /1	4,422 29
	1 6		* *	United States fund		9,063 09
	Rs	alance		O Into a State of Julia	•••••	14,983 08
	130	**************************************	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	
	1					\$38,678 42
						.00,010

Urbana, June 9, 1891.

JOHN W. BUNN, Treasurer.

The Business Agent presented the following report which was referred to the Finance Committee:

S. A. Bullard, Esq., President Board Trustees University of Illinois,

Sin: I have the honor to hand you herewith the financial statements due from me at this time.

Paper A is a showing of the current appropriations for the three months ending June 1, 1891.

Paper B gives the condition of the state appropriations June 1, 1891.

Paper C is the same for the United States fund.

Paper D is a list of vouchers presented for audit, being 501 to 775 inclusive.

Paper E is an estimate of the receipts and expenses for the balance of the year ending September 1, 1891.

Paper F is an estimate of receipts and expenses for the twelve months ending September 1, 1892.

Respectfully submitted,

S. W. Shattck, Business Agent.

## PAPER A-CURRENT APPROPRIATIONS.

March 10, 1891.	Appro- priated.	Receipts also appro- priated.	Expended	Balance.
Board expense.  Salaries for instruction.  Salaries for services.  Bui dings and grounds Fuel and lights Stationery and printing Mechanical department Architectural Agricultural Hottcultural Military Laboratories. Library and apparatus Incidentals.	26,820 00 2,250 00 1,000 00 1,300 00 200 00 200 00 200 00 50 00 200 00	51 26 221 40 450 24 1,302 10 262 00	413 80 330 53 247 00 388 94 538 67 61 08 33 22 305 03	771 55 687 46 969 47 173 80 261 30 963 43 800 92 16 78 340 40
Sundries.  Furniture and flxtures Water supply. Moving machine shop. Gymnasium Grigss farm Commencement Grading campus University fees Preparatory year Music fees	200 00 90 81 117 71 53 50 200 00 350 00	3,010 00 500 00	3 20 144 97 53 50 350 00	87 61

## PAPER B-STATE APPROPRIATIONS.

	Received.	Expended	Balance.	Assigned.
Taxes on lands Buildings and grounds Mechanical and architectural shops. Books and publications Cabinets Expenses of instruction Apparatus and material Metallurgical laboratory Machine shop boiler	5,000 00 3,0 0 00 2,000 00 500 00 40,000 00 3,000 00 4,000 00 1,250 00	2,818 87 1,931 94 614 84 40,000 00 3,000 00 2,950 43 1,250 00	1,049 57	47 56 68 06
Illinois State Laboratory of Natural History	\$61,838 67 14,373 62	"" , " " " " " " " " " " " " " " " " "		\$304 87

## PAPER C-UNITED STATES FUND.

	Received.	Expended	Balance.	Assigned.
Salaries for instructors. Electric laboratory Mechanical "Chemica "Clemica "Civil engineering. Botany and physiology Natural history	1,000 00 1,000 00 500 00	214 04 464 11 181 55 408 38 81 86 213 15	535 89 818 45 91 62 418 14 1,786 85	\$2,285 96 535 89 818 45 91 62 418 14 1,786 85

The Business Agent's askings for appropriations were as follows:

Board expenses Buildings and grounds Military department	\$200 150 50
Total	\$400

On motion of Mr. Cobb, these several amounts were assigned from current funds.

The Regent's bill of \$20.94 for traveling expenses was ordered paid.

The matter of the new barn was then taken up and, on motion of Mr. Cobb, it was voted to add \$1,000 to the state appropriation of \$2,500, and that the building of the barn within this limit be put in charge of the Regent, Professor Morrow, and the Committee on Buildings and Grounds.

On motion of Mr. Raab, \$1,000 was appropriated for getting a water supply at the north barn by laying a 4-inch main connected with the city water works, and the matter was put in charge of the same committee as the new barn.

On motion of Mr. Graham, Professors Burrill and Forbes, the Regent, and Messrs, Bullard and Morgan were appointed a committee to consider and mature plans for the new building and it was ordered that so soon as the plans were ready the President should call a meeting of the Board to pass upon them.

On motion of Mr. Raab, the following appropriations were made for purposes named from the state appropriation for buildings and grounds:

Repairs, cleaning, calsomining, etc Ceiling over stairway in University Hall. Painting outside woodwork of University Hall, the Chemical Laboratory, the veterinary buildings and the Observatory Care of grounds to end of season	\$400 60 750 150	00 00 00
Total		

On motion of Mr. Morgan, the question of putting in new front doors to University Hall, as proposed by the President, was referred to the committee on plans of new building.

On motion of Mr. Cobb, \$162.50 was assigned from the library fund to be used in binding.

On motion of Mr. Cobb, \$75 was appropriated from the state appropriation for cabinets to be used, as asked by Professor Burrill, in obtaining assistance upon the herbarium.

On motion of Mr. Raab, the farm report was approved for record.

The request of the State Horticultural Society, as presented by Mr. H. M. Dunlap, was granted on motion of Mr. Cobb.

On motion of Mr. Raab, assignments of funds of the Laboratory of Natural History were made as asked by the Director, Professor Forbes:

Field, office, and incidental expenses. Improvement of library. Salaries and assistance Publication of bulletins. Illustration of the Biennial Report of the State Entomologist.	125 00 250 00
Total	\$2,125 00

On motion of Mr. Cobb, appropriations asked by Professor Ricker were made as follows:

From the state appropriation for furniture— Desks and cases	\$110 00
From state appropriation for apparatus and material— Computers	40 00 75 00
Total.,	

On motion of Mr. Raab, there was appropriated from the United States fund—

For tools and machinery in the carpenter shop, as asked by Professor Ricker. \$1,000 00

The sum to be expended under the supervision of the Committee on Buildings and Grounds and the Regent.

From the same fund there was appropriated—

For the physical laboratory	00 00
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On motion of Mr. Cobb, the University's membership fee of \$25.00, in the Association of American Agricultural Colleges and Experiment Stations, for the year 1890-91, was ordered paid.

The Treasurer's bill of \$300 for premium paid on six per cent. bonds was ordered paid on motion of Mr. Morgan.

The bond of the Treasurer for \$300,000 was presented and referred to the Finance Committee.

The Board then adjourned to meet in the University Parlor at 8 o'clock a. m. the next day.

## SESSION OF WEDNESDAY MORNING.

The Board met pursuant to adjournment, the same members being present, except Mr. Raab, as on the day before.

The Regent having presented a communication from Professor Woods, declining a re-election, Mr. McLean offered the following resolution, which was adopted:

Resolved, That the faithful, earnest, and eminently successful labors of

Professor Arthur Tannatt Woods, who for eight years has been the chief instructor or the director of the department of mechanical engineering in this University, have merited and received the warmest praise from all who have been concerned therein. That we sincerely regret his departure, and wish, as we have every reason to expect, that abundant success and prosperity may attend him in his new field of labor.

Resolved, That the Secretary be instructed to forward to Professor Woods a copy of these resolutions.

On motion of Mr. Morgan, the following resolution from the Finance Committee was approved:

Resolved, That the Treasurer be and is hereby instructed not to loan any of the endowment fund of this University except strictly in conformity with all ac s of congress and of the legislature of this state in respect thereto. And if at any time he is unable to make investments and reinvestments of the funds at the full rate of five per cent. interest per annum, it shall be his duty at once to notify the President of the Board so that the Trustees shall be called together to take action in respect thereto.

By request of the President, Mr. Shawhan then took the chair. The Secretary stated that the edition of the pamphlet containing the laws concerning the University was exhausted, and, on motion of Mr. Morgan, he was directed to compile these laws anew and have 250 copies of them printed.

The following communication was received from Dr. Peabody:

Regent's Office, University of Illinois, June 10, 1891. To the Board of Trustees of the University of Illinois.

GENTLEMEN: I hereby resign the office of Regent of the University of Illinois, the resignation to take effect at such time as you may elect.

Respectfully,

SELIM H. PEABODY.

On motion of Mr. Morgan, the resignation was accepted, to take effect September 1, 1891.

On motion of Mr. McKay, it was voted that a committee be appointed to prepare suitable resolutions upon this resignation. The President appointed Messrs. McKay, Cobb and Graham.

The resolutions, which were filed later, are as follows:

Whereas, Dr. S. H. Peabody has resigned the Regency of this University, which office he has held for eleven years, during which time this institution has achieved its greatest success:

AND WHEREAS, This Board deems it a pleasure to recognize the services of Dr. Peabody and to test fy to his sterling character, his ability as an educator, and his worth as an executive officer; now, therefore, be it

Resolved, That this Board extends to Dr. Peabody its hearty thanks for his past services, its regrets that he is to retire; and, appreciating the value of his services in the past, this Board records the fact that during his administration the attendance on the University has been greatly increased; that through his efforts its name has been changed to represent more truly the high standard the University has sought to attain in its educational work; that, financially, and as an educational institution the University has been placed upon a firm and broad foundation; that to the untiring industry and energy of Dr. Peabody is largely due the success of the University in these material advances; that during his entire administration his relations with the Board have been most cordial and harmonious.

Resolved, That it is the desire of this Board to express its highest appreciation of Dr. Peabody's faithful service to the state, to the University, and to the cause of higher education, as well as of his splendid executive ability.

Resolved, That these resolutions be spread upon the records of this Board and that the Secretary present an engrossed copy of the same to Dr. Peabody.

On motion of Mr. Morgan, it was voted that the President appoint a committee whose duty it shall be to ascertain what the cost would be of advertising the University at the several county seats of the state by handsomely printed placards, and to ascertain what funds, if any, would be available for such purpose.

On motion of Mr. Bryant, the President, the Secretary, and Mr. Morgan were appointed such committee.

On motion of Mr. Cobb, it was voted that the Secretary add to the minutes of the March meeting the statement of the Regent of the University in regard to the military troubles investigated by the Trustees at that meeting; also that he be instructed to print 2,000 copies of a full statement of the Foster North case.

On motion of Mr. Cobb, the usual appropriation of \$600 was made for advertising.

The Regent nominated Mr. Thomas A. Clark to be instructor in mathematics for the next year at a salary of \$750 for the ten months beginning September 1, 1891, and the nomination was approved.

The Finance Committee for the year 1890-91 filed the following report, which approved for record:

To the Board of Trustees of the University of Illinois.
GENTLEMEN: Your former Finance Committee reports that it has examined and compared the books of the Treasurer with the warrants drawn upon him for the year beginning March 1, 1890, No. 501 to 967 to September 1, 1890, and No. 1 to 550 to March 1, 1891, and found all to be in order and correct. The warrants were canceled and left in the hands of the Treasurer.

F. M. McKay, S. A. Bullard. Finance Committee for 1890-91.

Urbana, June 9, 1891.

The Board directed the Committee on Instruction, to which Messrs. Cobb and Graham were added for the purpose of this duty, to make diligent search for a suitable man to be appointed Regent of the University.

The Finance Committee returned the Treasurer's bond, upon which it had endorsed its approval. The bond is for \$300,000.

The President appointed as the committee on the revision of rules for the government of the students Mr. Shawhan, as chairman, Messrs. Graham and McLean, and Professors Morrow, Ricker, Forbes and Snyder, the Deans of the several Colleges.

The Board then adjourned to meet at 3 o'clock p. m.

# AFTERNOON SESSION.

When the Board came together pursuant to adjournment it was found that Messrs. Bullard, Graham, Morgan and Shawhan were the only members present, and these not being a quorum, the Board adjourned.

W. L. PILLSBURY.

Secretary.

S. A. Bullard, President.