

PROCEEDINGS OF THE BOARD OF TRUSTEES—JUNE, 1886.

The Board met at the University parlor on Tuesday, June 8th, 1885, at 3 o'clock P. M.

Present—Trustees Bennett, Cobb, Earle, Eisenmayer, McLean, Millard and Pearman.

Absent—Governor Oglesby, Hon. John Landrigan, Trustees Folsansbee and Paden.

The records of the March and April meetings were read and approved.

On recommendation of the Faculty degrees and certificates were granted as follows:

College of Engineers—Degree of B. S.

School of Mechanical Engineers—John C. Cromwell, James H. Garrett, Henry M. Morse, Samuel W. Stratton.

School of Civil Engineers—James O. Davis, James Fulton, James W. Harris, Walter A. G. Olshausen.

School of Architecture—George S. Bannister, Harry Schlaudeman.

College of Natural Science—Degree of B. S.

School of Chemistry—Dwight H. Barrett.

School of Natural History—Leroy Endsley, John B. Garvin, Frank K. Vial.

College of Literature and Science.

School of English and Modern Languages—Degree of B. L.—Laura Belle Ayers, William A. Babcock, William L. Chitty, Joseph C. Dodds, A. Mae Ermentrout, Rozina P. Fairchild, Bertie Huff, Minnie Jaques, Charles H. Kammann, Clinton G. Lumley, Grace E. Parminter, William L. Plowman, Z. Lincoln Whitmire.

School of Ancient Languages—Degree of B. A.—T. Ward Beecher Everhart, Henry W. Wilder.

Masters Degree—

Alphonso S. Gates, Civil Engineer.

Mrs. Margaret E. (Stewart) Robbins, Master of Literature.

Charles W. Woodworth, Master of Science.

Arthur B. Seymour, Master of Science.

Full Certificates—S. Foster Bullard, Nettie Elder, Harry T. Hubbard, Jacob S. Jacobson, Emil Lemme, William D. Pence, Alvah Philbrick, Vertus B. Roberts, Charles E. Sargent, Luther Thompson.

The following named persons were reported as having been recommended to the Governor to receive commissions as captains by brevet in the State militia: James O. Davis, William D. Pence, Vertus B. Roberts, Luther Thompson, Henry W. Wilder.

The Regent then submitted the following report, which was received for further consideration:

To the Trustees of the University of Illinois:

GENTLEMEN: After the exhaustive reports concerning the educational and business interests of the University made to you at your meeting in March, it will not be expected that I should present extended details of a similar nature at this time. It is pleasant to state that the good character of the work and feeling which has before been remarked has extended to the close of the year.

I present reports as follows:

From Prof. Forbes upon the Department of Natural History and the removal of the State Laboratory to this University.

From Dr. McIntosh on the work of the classes in Veterinary Science.

From Prof. Morrow upon the affairs of the farm.

I present a communication from George W. Henry, Esq., in which he offers to present to the University the thoroughbred Hereford cow, Empress, a superb example of that important breed.

The trial of ditching apparatus and machinery which is to take place on the University farm, June 10 and 11, has been largely announced and promises much interest.

I call attention to the accompanying list of Professors and Instructors whose appointments should be made or renewed for the year ending August 31, 1887.

I have to recommend special appropriations for expenditures as follows:

1. That the committee appointed last year to oversee the construction of fire walls and the continuance of ventilation of the main building, consisting of the Regent, the Business Agent and the Professor of Agriculture, be continued, with power to carry on the improvements as originally designed.

2. That authority be given to the Regent to purchase additional tools and machines for the mechanical shops, to the amount of the State appropriation for the new year.

3. That the following-named improvements be authorized to be paid from State appropriations for buildings and grounds:

(a). The flight of stone steps now at the south end of the chemical building be taken down and reerected at the west side, making suitable changes to permit the main entrance to be on the first floor, with entrance below into the basement.

Also, that the earth be removed from the outside of the stone foundation walls to their footings, the walls thoroughly coated with asphalt, and the earth replaced, a layer of furnace cinders to be placed against the stone, the object of this being to prevent further incursions of dampness upon the basement of this building.

The estimate of cost for these improvements is \$500.

(b). The floor of the veranda to be relaid. This has already been allowed, but the work has been delayed, and the payment must come from next year's fund. Cost, \$125.

(c). The railing to balcony in library to be finished, costing \$50. The condition of this item is the same as the last.

(d). Repairs to the gardener's house in the arboretum, to the amount of \$100.

(e). To be used for fencing in various places about public grounds, as required, \$100.

(f). For raising floor in the room east of Professor Burrill's room in basement, connecting that room with his, and providing the necessary fittings for its use in connection with his laboratory, \$150.

(g). For inside shutters for Professor Forbes' room, \$100.

That the following be assigned from the State appropriations for cabinets:

For two microscopes and accessories, Professor Forbes.....	\$154 76
For additions to herbarium, Professor Burrill.....	150 00
For clerical services on same, Professor Burrill.....	15 00
For labor preparing wood specimens, Professor Burrill.....	15 00

That the following be assigned from State appropriations for laboratories:

For new microscopic objective, Professor Burrill.....	\$125 00
For apparatus for electrical measurements, Physical Laboratory.....	450 00

Professor Morrow asks leave to buy steers for feeding and for payment for breeding stock to the amount of \$1,200. This will be reimbursed later by sales from the farm of short-horn cattle, and of hay.

Professor Ricker asks for cases in his rooms.....	\$55 00
For continuing his collection of photographs.....	50 00

Very respectfully,

S. H. PEABODY, *Regent*.

PROFESSOR FORBES' REPORT.

Dr. S. H. Peabody, Regent:

I have the honor to submit the following as my report on the work of the zoological department of the University for the past term, and on the operations of the State Laboratory of Natural History since its transfer to the Trustees of this University:

ZOOLOGICAL DEPARTMENT.

I have taught during the last term the regular classes in entomology and advanced zoology, the latter class having been taken over ground new to the course in the University, viz., the elements of histology and embryology. The histological work consisted of the preparation in the zoological laboratory, by the students of the class, of slides illustrating the various tissues of the animal body, and a careful study of these original preparations, together with a study and discussion of the text. In embryology a course of lectures was given on the elements of comparative embryology, and on the earlier stages of the development of the chick, and these were supplemented by six hours' work a week by the students in the zoological laboratory, in sectioning embryos and the preparation and study of slides.

Necessarily, the students taking this course have acquired a very considerable familiarity with some of the most difficult processes of microscopy. Incidentally to this, an efficient injecting apparatus and about a hundred embryological preparations and microscope slides of embryology and histology have been added to the permanent laboratory collection during the term.

The material sent to New Orleans last fall having now been returned, painted casts of thirty-three species of Illinois fishes and mounted specimens of one thousand species of insects have been incorporated with the museum collections.

Besides these, the principal recent zoological additions to the museum are forty-three more glass models of aquatic invertebrates and a pair of antlers of the Irish elk.

I have to request at this time only the assignment of \$154.76 for the purchase of two additional microscopes and microscopical appliances required for the zoological laboratory.

STATE LABORATORY OF NATURAL HISTORY—PROPERTY.

The transfer of the property of the State Laboratory of Natural History to the Trustees of the University, as required by a law of the last Legislature, is now complete, and all the belongings of the establishment are under my custody in the University building, in the basement rooms assigned for our use. Thinking it proper that a summary statement of the material thus brought under the control of the Board should now be made, I have had prepared careful estimates of the specimens, apparatus, and other objects included under this transfer, and from these have drawn up the following abstract:

The library of the Laboratory contains 1,207 bound volumes, 3,856 pamphlets and periodicals, and 185 charts and plates, a total of 5,248 pieces; while the duplicate bulletins of the Laboratory and other duplicate pamphlets available for distribution and exchange number 9,410.

The collections contain 13,500 specimens of fungi (of which nearly 9,000 are mounted as herbarium specimens, and 1,100 as microscope slides); 300 bird skins; 11,700 fishes (mostly from Illinois); 1,400 reptiles and amphibians; 3,700 specimens of mollusks (about 1,200 in alcohol); 42,000 mounted insects (7,000 of which are named); 6,225 bottles and vials of insects; 127 bottles of Arachnida; and 2,526 tanks, jars, bottles, vials, and boxes of various aquatic animals. Besides the above we have nearly 7,000 bottles and vials illustrating the food of fishes and birds; a set of seeds of 700 species of plants; and about 2,500 microscope slides of zoology, histology, etc.

These Laboratory collections amount, in a word, to 75,000 specimens, in round numbers, besides 15,000 bottles, vials, and other packages, the contents of which are as yet largely unclassified.

The apparatus transferred with this material consisted chiefly of a very full outfit of collecting apparatus for both terrestrial and aquatic work, including a wall-tent, six seines, three dredges, a beam trawl, 1,500 feet of whale line, two sounding lines, and other deep water apparatus, etc., etc. We also transferred a considerable amount of microscope material and apparatus.

QUARTERS AND PERSONNEL.

This property is now contained in the three rooms of the west basement, fitted up for the State Laboratory of Natural History, and in room 6 on the first floor, in use as the entomological office. The furniture for these rooms has now been finished or provided for, except four tables in the general laboratory room, and a part of the book cases in the zoological library. These rooms answer our present purposes very well, having only the disadvantages connected with their situation in the basement.

The regular assistants of the Laboratory are five in number, consisting of entomological, botanical, and general assistants, an amanuensis, and a librarian. Two student assistants are temporarily engaged, at present, for a part of their time. Professor Burrill also gives us the benefit of his experience and special knowledge in the direct supervision of the botanical work of the Laboratory—now almost wholly turned to technical and experimental researches on the cryptogamic botany of Illinois.

OPERATIONS.

Much time has been consumed since the transfer, in the reorganization and re-arrangement of the material.

The work of the natural history survey of the State, made by law a part of the special duty of the Laboratory, has been confined chiefly to the fields of entomology and cryptogamic botany and to the preparation and publication of the first volume of the Zoological Report—that on the ornithology of the State. Three hundred pages of this volume are now in print, and the entire volume—to consist of five hundred pages and forty-five plates, uniform in typography and general character with the volumes of the State Geological Survey—will be through the press in about two months. The printing is being done by H. W. Rokker, of Springfield, the State Printer—the contract providing for one thousand copies of the volume, the pages and plates to be stereotyped, so that additional copies may be ordered printed by the Legislature if deemed desirable. As this volume will probably be ready for distribution before the next meeting of the Board, and as the law gives no directions whatever with respect to the mode of distribution or the persons to whom the volumes shall be sent, I respectfully ask instructions of the Board on this point.

The Laboratory is by law directed to supply to the State educational institutions and to public schools specimens of natural history illustrative of their work. I have received from the latter several requests for aid of this description, but as no appropriation was made for

this special purpose at the last session of the Legislature. I can at present only accumulate as large a reserve of duplicates as possible for distribution to educational institutions. I expect to be able to make a large issue to the public schools in which zoölogy and botany are taught, during the coming winter, so far as these had not been already supplied by us before our removal here.

We have issued from the Laboratory, here, three bulletins of our second volume—one of one hundred and fifteen pages by Professor Burrill, on a family of Illinois fungi; one of sixty-five pages by myself, on the contagious diseases of insects, and a brief paper on new Illinois fishes. A fourth article is now in press, and the manuscript of a fifth is ready for the printer.

Elaborate studies are now in progress for the Laboratory by Professor Burrill on the life histories of fungi, and by Mr. Garman and myself on the contagious diseases of insects. Mr. Weed and Mr. Hart are engaged on the life histories of insects—especially the injurious species—and Mr. Garman and I have well under way the manuscript of the second volume of the State Zoölogical Report.

Respectfully submitted, .

S. A. FORBES,

Professor of Zoölogy and Entomology, and Director of Natural History Laboratory.

REPORT OF PROF. MORROW.

UNIVERSITY OF ILLINOIS, June 5, 1886.

Dr. S. H. Peabody, Regent:

During the past three months affairs on the University farms have, in the main, progressed satisfactorily. The spring opened unusually early; the weather has been exceptionally favorable for cultivation, and until now, when there is pressing need for rain for growth of crops.

We have planted about 115 acres of corn, receiving a good stand, and it is now in good condition. Of oats about 40 acres were sown and, save for present need of rain, promise a good yield. The few acres of wheat sown in trial of varieties, and a few acres of potatoes, are promising well.

In general the live stock has done well. In accordance with authorization by Farm Committee of purchase of specimens of Hereford and Holstein-Friesian cattle, I visited herds at Beecher, Aurora, Elgin, Ashkum, and Gilman, in all cases finding breeders interested in the proposed purchase and disposed to name reasonable prices. At a public sale of Holstein-Friesian cattle, at Chicago, from the well-known herd of Thomas B. Wales and Edgar Huidekoper, I purchased two imported heifers, one with a promising bull calf; the other having since given us another fine bull calf. These calves were sired by very noted bulls. The dams I count good specimens of the breed. The prices paid were unexpectedly small.

Among Hereford breeders no one manifested more interest in the matter of the University receiving desirable specimens than did G. W. Henry, Esq., of Chicago, proprietor of the Rossland herd, at Ashkum, Ill. A finely-bred and excellent imported young cow with bull calf was purchased from him, and Mr. Henry, as will be seen by accompanying letter, proposes presenting the University another young cow, bred to one of his fine young bulls.

At the public sale last month of Short-horn cattle belonging to T. W. Harvey, Esq., of Chicago, I purchased a very finely bred—nearly pure Bates—young cow with bull calf; and at the sale of S. E. Prather, Esq., of Springfield, Ill., last week, I purchased a yearling Short-horn heifer of good pedigree and quality.

The Short-horn cattle catalogued for public sale on Friday next include 23 cows, 10 of them with young calves, and 5 young bulls. They are in good health and condition.

There are many indications of interest in the trial of ditching machines on the University farms, on Thursday and Friday next, under the auspices of the State Board of Agriculture, for which we have made such arrangements as seemed practicable.

Respectfully submitted,

G. E. MORROW.

REPORT OF DR. MCINTOSH.

UNIVERSITY OF ILLINOIS, June 3, 1886.

Dr. S. H. Peabody, Regent:

SIR: I have the honor to submit the following report of my work in Veterinary Science during the winter and spring terms now drawn to a close.

Although the class was not large, it was composed of young farmers who exhibited great interest in the subject, and passed good examinations in Veterinary Science and Materia Medica. The excellent instruction which they had received from Professor Rolph, in the fall term, in Animal Anatomy and Physiology, had given a good foundation for the study of Veterinary Science. The lectures of Prof. Morrow on the breeding and management of farm stock enabled them better to understand the transmission of hereditary diseases. If I may judge from the letters of inquiry received from young men in the State, we shall have a large class at the opening of the fall term.

I have also to report a successful series of clinics, in which the neighboring farmers and the inhabitants of adjoining cities have accepted the opportunity offered by the University to have their domestic animals operated on, or prescribed for, free of charge. The clinics have been well attended, and have been of much service to the students. The list appended does not include cases examined for which no treatment seemed needful. Other cases in the neighborhood were visited by the students with me, and operations of castration upon animals at the University farm were performed in their presence.

CLINIC CASES.

Abscess of shoulder.....	6
Bone spavin.....	5
Bog spavin.....	4
Diseases of teeth.....	6
Diseases of eye.....	2
Diseases of bone.....	4
Enlarged glands of neck.....	3
Fistula of neck.....	4
Fistula of face.....	1
Fractures of face (bones).....	4
Heel disease (grease).....	2
Heart disease (chronic).....	6
Lymphingitis (swollen legs).....	5
Laryngitis (inflammation of throat).....	15
Lameness of various kinds.....	4
Lung disease (chronic).....	16
Out of condition (from various causes).....	4
Ring-bone.....	5
Skin diseases.....	6
Tumors (fungus).....	4
Tumors (fibrous).....	7
Wounds (chronic).....	6
Wounds (fresh).....	
Total.....	125

Respectfully submitted,

D. MCINTOSH, V. S.

The report of Prof. Morrow was referred to the Farm Committee.

The Regent's request in regard to steps of Chemical Building was referred to Committee on Buildings and Grounds.

The following appointments of Professors and Instructors were made for the ensuing academic year:

	Salary Per Annum.
T. J. Burrill, Professor of Botany and Horticulture.....	\$2,000
S. W. Shattuck, Professor of Mathematics.....	2,000
Edward Snyder, Professor of Modern Languages.....	2,000
J. C. Pickard, Professor of English Language and Literature.....	2,000
N. C. Ricker, Professor of Architecture.....	2,000
J. D. Crawford, Professor of History and Ancient Languages.....	2,000
G. E. Morrow, Professor of Agriculture.....	2,000
P. Roos, Professor of Industrial Art and Designing.....	1,700
I. O. Baker, Professor of Civil Engineering.....	1,800
Wm. McMurtrie, Professor of Chemistry and Mineralogy.....	2,000
S. A. Forbes, Professor of Entomology and Zoology.....	1,160
T. B. Comstock, Professor of Mining Engineering.....	1,800
J. H. Brownlee, Professor of Rhetoric and Oratory.....	1,800
C. W. Rolfe, Professor of Geology.....	1,500
A. T. Woods, Assistant Professor of Mechanical Engineering.....	400
D. McIntosh, Professor of Veterinary Science.....	1,800
E. A. Kimball, Instructor in Iron work and Foreman.....	1,500
G. W. Parker, Instructor in Woodwork and Foreman.....	960
N. Butler, Jr., Professor of Latin.....	1,500
H. B. Gregory, Instructor in Modern Languages.....	600
S. W. Strattan, Instructor in Mathematics.....	600
Kittie M. Baker, teacher of Vocal and Instrumental Music, with fees for salary.....	
A. W. Palmer, First Assistant in Chemical Laboratory.....	700
D. H. Barrett, Second Assistant in Chemical Laboratory.....	400
W. H. Garman, Assistant in Zoological Laboratory.....	840
T. F. Hunt, Assistant in Agriculture.....	960
S. W. Shattuck, Business Agent.....	300
H. Taylor, Assistant in Drawing.....	250
A. B. Baker, Janitor.....	840

The Board adjourned to 9:30 P. M.

EVENING SESSION.

The Board met as by adjournment.

Present—Trustees Bennett, Cobb, Earle, Eisenmayer, McLean, Millard, and Pearman.

Treasurer J. W. Bunn read his report, as follows:

UNIVERSITY OF ILLINOIS,

To John W. Bunn, Treasurer, Dr.

1886.							
Feb.	27	To am't paid on acc't	Board expense.....	\$153 51			
"	"	"	Salaries.....	10,408 54			
"	"	"	Buildings and grounds.....	97 20			
"	"	"	Fuel and lights.....	242 40			
"	"	"	Stationery and printing.....	120 90			
"	"	"	Preparatory year.....	360 00			
"	"	"	Nebraska lands.....	202 83			
"	"	"	Mechanical department.....	243 55			
"	"	"	Architectural department.....	204 98			
"	"	"	Agricultural department.....	1,187 68			
"	"	"	Horticultural department.....	339 59			
"	"	"	Chemical department.....	131 78			
"	"	"	Military department.....	51 42			
"	"	"	Library and apparatus.....	7 85			
"	"	"	Incidental expense.....	79 75			
						\$13,831 98	
"	"	"	Griggs farm.....	\$10 09			
"	"	"	Agricultural lectures.....	32 44			
"	"	"	New Orleans Exposition.....	233 65			
"	"	"	Taxes on lots east of University.....	18 47			
"	"	"	Furnishing Zoölogical Laboratory.....	50			
"	"	"	Furniture and fixtures.....	25			
"	"	"	Music fees.....	97 00			
						392 31	
Feb.	27	To am't paid on acc't	Buildings and grounds.....	\$115 80			
"	"	"	Laboratories.....	396 98			
"	"	"	Mechanical and architectural shops.....	349 35			
"	"	"	Books and publications.....	168 63			
"	"	"	Cabinets.....	807 98			
"	"	"	State laboratory of Natural History.....	1,704 60			
						3,543 36	
		To balance.....				293 98	
						\$18,061 63	

UNIVERSITY OF ILLINOIS,

To John W. Bunn, Treasurer, Cr.

1886.							
March	1	By balance.....				\$12,376 46	
"	31	By am't rec'd on acc't	University fees.....	\$1,012 50			
"	"	"	Preparatory year.....	250 00			
"	"	"	Griggs farm.....	125 00			
						1,387 50	
April	16	By am't rec'd from State for State Lab. of Nat. History—					
		For improvement of library.....	\$250 00				
		For field work.....	150 00				
		For traveling and office expenses.....	150 00				
		For Entomologist and assistants.....	250 00				
		For botanical assistants.....	250 00				
						1,050 00	
May	1	By interest on Sangamon county school bonds.....				390 00	
May	29	Land contract No. 6, T. A. Woodward.....				125 60	
						\$15,329 56	
May	31	By am't rec'd on acc't	University fees.....	\$1,087 50			
"	"	"	Preparatory year.....	205 46			
"	"	"	Buildings and grounds.....	61 00			
"	"	"	Mechanical department.....	60 00			
"	"	"	Architectural department.....	76 31			
"	"	"	Agricultural department.....	616 30			
"	"	"	Horticultural department.....	228 50			
"	"	"	Laboratories.....	150 00			
"	"	"	Music fees.....	97 00			
"	"	"	Leib note.....	150 00			
						2,732 07	
						\$18,061 63	

JOHN W. BUNN, *Treasurer.*

URBANA, June 8, 1886.

The Business Agent then presented the following statement of expenditures from State and current funds for the past three months, with vouchers:

Of July 1, 1885.	Appropriated.	Received.	Expended.	Balance.
Taxes on land, $\frac{1}{2}$ per annum.....	\$4,000 00	\$1,766 28	\$1,766 28	.....
Buildings and grounds, $\frac{1}{2}$ per annum.....	6,000 00	3,000 00	3,000 00	.....
Laboratories, $\frac{1}{2}$ per annum.....	3,000 00	1,500 00	796 55	\$703 45
Mech. and Arch. shops, $\frac{1}{2}$ per annum.....	3,000 00	1,500 00	1,207 50	392 50
Books and publications, $\frac{1}{2}$ per annum.....	3,000 00	1,500 00	1,202 75	297 25
Cabinets, $\frac{1}{2}$ per annum.....	2,000 00	1,000 00	641 89	358 11
Current expense of instruction, $\frac{1}{2}$ per annum.....	24,000 00	12,000 00	12,000 00	.....
Machines and tools, $\frac{1}{2}$ per annum.....	4,000 00	2,000 00	1,992 30	7 70
Fire walls and ventilation.....	4,500 00	4,500 00	2,129 70	2,370 30
Laboratory of Natural History.....	18,000 00	7,210 65	5,362 16	1,848 49
	\$71,500 00	\$35,976 93	\$30,099 13	\$5,877 80

Current Appropriations.

September 9, 1885—February 23, 1886.	Appropriated.	Receipts also appropriated.	Expended.	Balance.
Board expense.....	\$300 00	.....	\$153 51	\$146 49
Salaries for instruction.....	18,385 00	.....	9,535 96	8,849 04
Salaries for services.....	1,215 00	.....	872 58	342 42
Buildings and grounds.....	300 00	\$61 00	97 20	263 80
Fuel and lights.....	1,000 00	.....	242 40	757 60
Stationery and printing.....	600 00	.....	120 90	479 10
Nebraska lands.....	265 33	.....	202 83	62 50
Mechanical Department.....	300 00	60 00	243 55	116 45
Architectural Department.....	300 00	76 31	204 98	171 33
Agricultural Department.....	600 00	616 30	1,187 68	28 62
Horticultural Department.....	300 00	228 50	330 59	188 91
Military Department.....	68 00	.....	51 42	16 58
Laboratories Department.....	300 00	150 00	131 78	318 22
Library and apparatus.....	50 00	.....	7 85	42 15
Incidental expense.....	244 25	.....	79 75	164 50
Sundries:				
Gymnasium.....	15 00	.....	.....	15 00
Cases, etc., Zoölogical Laboratory.....	274 51	.....	50	274 01
Farmers' Institutes.....	50 00	.....	32 44	17 56
New Orleans Exposition.....	250 00	.....	233 65	16 35
Drawings, Architectural Department.....	74 50	.....	.....	74 50
Furniture and fixtures.....	50 00	.....	25	49 75
Griggs Farm.....	.....	125 00	10 00	115 00
Taxes of lots east of Chemical Laboratory.....	25 00	.....	18 47	6 53
Publications of bulletin, etc.....	150 25	.....	.....	150 25
Music fees.....	.....	97 00	97 00	.....
Preparatory year fees.....	.....	455 46	360 00	95 46
University students' fees.....	.....	2,100 00	.....	.....

The reports of the Treasurer and Business Agent were referred to the Auditing Committee.

The Regent was authorized to purchase machinery and tools for the University shops, not to exceed the appropriation made by the State.

The Committee appointed last year to expend the State appropriation for fire-walls and ventilation were continued with power to act.

The following appropriations were made on recommendation of the Regent:

\$63 05 for shutters in Drawing Room.
 125 00 for repairs of veranda floor.
 50 00 for railing in Library.
 100 00 for repair of gradener's house.
 150 00 for additional room for Botanical Library.
 100 00 for shutters in Zoological Laboratory.
 154 76 for microscopes for cabinets.
 180 00 for Herbarium and specimens.
 125 00 for Microscopic Objective for Botanical Laboratory.
 450 00 for apparatus for Electric Measurements.
 50 00 for collection of architectural drawings and photographs.
 55 00 for cases for same.
 110 00 for fitting Drill Hall for Commencement exercises.

A letter from Minnesota in regard to University lands was referred to the Regent, with power to act.

The Regent was authorized to investigate, in his discretion, the condition of the University lands in Minnesota, and \$100 was appropriated for his expenses. He was also authorized to have the patents recorded, if deemed desirable, and \$50 was appropriated for the purpose. The Treasurer was directed to deliver the patents to the Regent for recording.

Trustee McLean offered the following resolution, which was adopted:

Resolved, That the President and Secretary be directed to draw their requisition upon the State Auditor for the several sums of money appropriated by the General Assembly for the use of the State Laboratory of Natural History and the State Entomologist's office for the quarter ending September 30, 1886.

For field work and incidental expense of the Laboratory, the sum of one hundred and fifty dollars.

For the traveling, office and incidental expenses of the Entomologist, the sum of one hundred and fifty dollars.

For improvement of the Library, the sum of two hundred and fifty dollars.

For the pay of the Entomological assistant, the sum of two hundred and fifty dollars.

For the pay of the Botanical assistant, the sum of two hundred and fifty dollars.

For miscellaneous assistance, the sum of two hundred and fifty dollars.

For the publication of bulletins, the sum of seventy-five dollars.

On motion of Trustee McLean, the President and Recording Secretary were directed to draw their requisition upon the State Auditor for the State appropriation due July 1, 1886, for the ensuing year.

The Board then adjourned to Wednesday, June 9, 1886, at 10 A. M.

SECOND DAY'S SESSION.

The Board assembled at 10 o'clock A. M.

Present: Trustees Bennett, Cobb, Earle, Eisenmayer, McLean,, Millard, and Pearman.

The Board took a recess until 3 P. M., to attend commencement exercises.

AFTERNOON SESSION.

The Board reassembled at the hour appointed.

The Regent's account of traveling expenses to Washington, amounting to \$64.30, was audited and ordered to be paid.

Prof. Forbes was authorized to employ Mr. C. Weed from July 1, at a salary not to exceed \$50 per month.

The Committee on Buildings and Grounds made the following report, which was adopted, and its recommendations concurred in:

To the President of Board of Trustees, University of Illinois:

The undersigned, to whom was referred the matter of change of stairs on Laboratory building, would respectfully report that we have examined the building, and the plans and specifications of the proposed change, and recommend that the stairs on south end of building be taken down and erected on west side, immediately in front of and over the large double door on west side of building, and landing on second floor through the window immediately over said large doorway; that the stairs be built according to the plans submitted to your committee; and the place from whence the stairs were taken be finished as a balcony, so as not to deface the building. We further recommend that the grading around the building be removed from the walls and asphalt and cinders be placed against the walls as requested by the Regent in his report. We recommend that an appropriation of \$500 be made to complete these improvements.

ALEX MCLEAN,
GEO. C. EISENMAYER.

The Farm Committee made the following report which was accepted and its recommendations approved:

To the Board of Trustees of the University of Illinois:

GENTLEMEN: Your Farm Committee to whom was referred the report of Prof. Morrow, together with a communication from Mr. George M. Henry, would respectfully recommend that the same be received, and that the sum of \$1,000 be appropriated for the Hereford and Holstein purchase, and for the purchase of eighteen head of grade cattle for feeding, and that Prof. Morrow be requested to reply to the communication of Mr. Henry in appropriate form.

J. T. PEARMAN.
PARKER EARLE.

Six hundred dollars were appropriated for advertising, to be expended under the direction of the Regent.

The Auditing Committee submitted the following report:

To the Board of Trustees of the University of Illinois:

We, the undersigned, your Auditing Committee, hereby report that we found all accounts submitted by the Business Agent in proper form and duly receipted from number 501 to 759, inclusive, and recommend that the same be approved. We also examined the report of J. W. Bunn, Treasurer, and found his report correct, and recommend the approval of the same by the Board.

GEO. C. EISENMAYER.
C. BENNETT.

The report was received and approved.

Mr. McLean offered the following resolution which was adopted:

Resolved, That the Regent, at his discretion, may give leave of absence to any professor who shall apply to be absent from the University during vacation.

The Board was informed that the detail of Second Lieutenant Charles McClure, 18th Inf. U. S. A., to be Instructor in Military Tactics at this University for three years, will expire on the 1st of July next, and that he is under orders then to rejoin his regiment.

Whereupon, on motion of Mr. McLean, the following resolution was adopted unanimously:

Resolved, That this Board desires especially to thank Lieutenant Charles McClure for the efficient manner in which he has discharged the important and delicate duties entrusted to him while he has been a Professor of this University; and to express the hope that his merits as a gentleman and a soldier may ever receive the recognition and reward which they richly deserve.

On motion, the Secretary was instructed to transmit a copy of the above resolution to Lieutenant McClure and the Secretary of War.

Adjourned.

E. SNYDER,
Secretary.

S. M. MILLARD,
President.