

PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS.

FOR THE YEAR ENDING AUGUST 31, 1887.

MEETING OF SEPTEMBER 14, 1886.

The Board met at the University parlor on Tuesday, September 14, at 3 o'clock P. M.

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

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

The minutes of last meeting were read and approved.

The Regent read his quarterly report, which was received for further consideration:

To the Trustees of the University of Illinois:

GENTLEMEN: The indications of the months that have passed since your last meeting have all been favorable for the prosperity of the University, and point to a very decided increase in its membership. Wherever I go in the State I meet fresh evidence that the work of the University is gaining favorable appreciation for its strength and quality, and that the only real foundation for substantial growth is being successfully laid.

I regret to report that Miss Kittie M. Baker, who has for some years so satisfactorily taught and illustrated music in the University, has resigned her position. I have to recommend that Miss M. Kimball, formerly one of our students, and a pupil of Miss Baker, and for some time a student at the Boston Conservatory of Music, be appointed to the vacancy.

Miss Helen M. Gregory declines the reappointment to be instructor in French. I desire to nominate for this work Mr. C. E. Eggert, B. A., a graduate of the University of Iowa. He has taught in that institution, is strongly recommended by its president, and I think will be found a useful and competent teacher.

The U. S. War Department has detailed to be instructor of military tactics at this place, Second Lieut. H. Sargent, 2d Cavalry, and he has reported for duty.

Mr. D. H. Barrett, who was appointed second assistant in the chemical laboratory, has resigned to take employment as chemist with the New York, Lake Erie and Western Railway. I ask authority to employ a proper person in his place.

I have to report on the repairs and improvements ordered to be made during the vacation, as follows:

The change of stairways at the chemical laboratory is not yet completed; the stone work is done, but the wood work is not yet in place.

The iron ventilating tubes, connecting the class rooms of each floor with the main ventilating shafts, are in place, and the plastering has been replaced in the halls. The work in the main shafts is not yet finished.

The veranda floor in the south court of main building has been relaid and painted, at cost of \$73.19. The sum appropriated was \$125. A little work on the brick foundation remains to be done.

The repairs on the room in the basement, to fit it for Prof. Burrill's use, are nearly completed, and will be finished within the appropriation of \$150.

The blinds in zoölogical laboratory have been placed for the sum appropriated, \$100.

The iron railing for balcony in library and stairs leading thereto, are finished. Cost \$141.65; appropriation, \$150.

The vacation gives the only time available for overhauling and refitting the boilers for heating the main building. They were found to be in worse condition than was expected, and repairs were made and new tubes put in place, costing \$198.65, for which an appropriation is asked.

I ask an appropriation of \$80 for repair of band instruments and for purchase of new music for the band.

I ask that the usual committee be authorized to purchase books and publications, using the State appropriation of \$1,500 as follows:

For binding, not to exceed \$200.

For periodicals, not to exceed \$300.

For purchase of new books the balance of the appropriation.

I recommend the following use of the State appropriation for cabinets:

For case of drawers in Prof. Rolfe's room to contain duplicate specimens of geology, \$50.

For additional work on the herbarium, \$100.

And that the Regent and the Curator of the Museum have authority to expend the balance of the appropriation for such objects of natural history as may be found desirable.

I have not found opportunity to visit and inspect the University's lands in Minnesota as requested by you at your last meeting. If you still desire that service, the appropriations therefor for expenses should be renewed.

Respectfully submitted,

S. H. PEABODY.

Professor Morrow submitted his report, which was received and ordered on file:

UNIVERSITY, CHAMPAIGN, Ill., September, 1886.

Dr. S. H. Peabody, Regent:

During the last three months operations on the University farms have progressed satisfactorily, with slight exceptions. While more rain would have been desirable, the weather has been fairly favorable for the crops, and unusually so for work.

The hay crop was an average one in yield, and except a few tons was secured in good condition, amounting to about 225 tons.

The oats crop, although somewhat injured by wind storms, gave over 45 bushels per acre by "machine measure," the crop aggregating a little over 1,600 bushels.

The trial plats of wheat gave good yields.

The corn crop promises to be fully equal to that of last year, is in good condition and more than usually well matured.

The pastures have kept in good condition, notwithstanding the dry weather.

The public sale of Shorthorn cattle, in June last, was largely attended and the prices were moderately satisfactory. The aggregate of sales was a little over \$2,500 (most purchasers giving notes). The pure bred cattle gave an average price of \$84.38. We are now feeding thirty-six young steers and two or three cows for sale this fall.

An excellent Shorthorn bull, of the Rose of Sharon family, has been purchased. A bull calf from one of the Holstein-Friesian cows recently purchased, has been exchanged for a well-bred yearling bull of that breed.

During the present week we expect to sow about thirty acres to wheat in further trial of a considerable number of varieties. The land will also be seeded to timothy.

At the recent county fair specimens of our cattle of various breeds, and of varieties of corn, small grains and grasses were exhibited.

The trial of ditching machines in June last on the University farms, under the auspices of the State Board of Agriculture, was a gratifying success in many ways.

Of the appropriation of \$1,600 made for purchase of cattle, there has been expended:

For two Hereford cows and a calf, \$700; for two Holstein-Friesian cows and calf, \$330; for 18 two-year-old steers, \$540; a total of \$1,570. The freight charges are not included in this, and will bring the total to within a few dollars of the amount specified.

The receipts from the farm during the three months have aggregated \$2,061.76.

These have been divided as follows: Cattle, \$1,525.05; hay, \$355.57; pasture, \$46.45; butter and milk, \$24.33; sheep, \$18.71; payment by Messrs. Clark and Chester of sale expenses, \$48.00; corn, \$20.35; miscellaneous, \$23.60.

The expenditures for the three months have been \$3,343.63.

These have been as follows: Pay roll, \$752.11; cattle, \$1,704.55; spring wagon and harness, \$150.00; farm wagon, \$50; mower, \$70; lumber, \$95.65; feed, \$49.49; timothy, clover and millet seed, \$44.83; ditching, \$26.95; sale expenses and other advertising, \$230.95; students' labor, freights and miscellaneous, \$290.37.

Respectfully submitted,

G. E. MORROW, Professor of Agriculture.

The report of Professor Burrill was submitted and received:

UNIVERSITY OF ILLINOIS, September 14, 1886.

Dr. S. H. Peabody, Regent:

SIR—I respectfully submit the following account of work, etc., in the horticultural department for the past season. A full report of the forest tree plantation and of the experimental orchard is in preparation, and I beg leave to embody these in the report of the Board of Trustees, to be soon presented for publication.

The year has been fairly favorable for our crops and plants. In most instances good growth was made. There has been comparatively small loss from injurious climatic effects and diseases and injuries from insects, parasitic fungi, etc., have been less than the average.

SMALL FRUITS.

The strawberry crop was not large on account of the limited growth of the plants last season, but was considered fair and proportionally larger than the market prices. This fruit has never sold so low in our local markets as during the last two seasons. For a part of the time the returns barely covered the expenses of picking and marketing, and the same report came from growers throughout our own and neighboring States. Still the strawberry with us clearly keeps the lead as a profitable small fruit crop. Though the receipts are small, the final balance is upon the proper side of the account. New plantations have been made rather exceeding the old ones plowed up.

Tests were again made upon the alleged effects upon the pulp of the fruit itself of cross fertilization. It will be remembered that report was made last year that no visible difference could be detected in the size, form or color of the berry on account of the pollen used in fertilization. This was from trials upon the pistillate variety, Crescent seedling, in the open air, planted side by side of different hermaphrodite sorts and at a distance from other kinds. This season this mode of experimentation was again tried with the same results. The Crescent produced by the side of Sharpless—a very large, irregular fruit—could not be distinguished, when examined in quart boxes, from those gathered near a wild variety with very small berries totally unlike the former. But it may be justly asserted that foreign pollen carried by the air might interfere with this test. The two rows used in this experiment were 20 to 30 rods from any others and southward, hence on the side from which the prevailing winds came. The Crescent row was continuous; that containing the fertilizing plants was broken between each kind by a space of two or more rods.

But to test more carefully the matter, cross fertilizations were practiced by carefully applying pollen from special kinds by hand and then covering the trusses with manilla-paper bags. Here again Crescents were used as the pistillate plants, but care was observed to remove any rudiments of stamens which existed. The number of these crosses were not large, but apparently successful results attended the trials of three very distinct kinds. When the time for fertilization was passed, the bags were removed and the fruit matured under natural conditions. No difference could be made out in the fruit, by the closest inspection possible. The "seeds" as seen from the outside appeared all alike. Unfortunately, we did not think soon enough to remove these and more critically examine them. Afterward an examination of the "seed" of several varieties showed them to be exceedingly different in size and shape. A collection of a dozen or more kinds of these was preserved for further use. In this connection I may mention some artificial crosses made upon the wild crab apple, with pollen from cultivated kinds of apple, the practice being like that just described for the strawberry. These crab fruits preserved exactly their usual appearance. The seeds are preserved for growth next spring.

Blackberries and raspberries produced good crops. Further studies have been made upon the so-called "orange rust" affecting both these kinds of fruits. The attempt made to propagate the disease by sowing spores of the fungus suspected of being the alternate or winter-surviving form of that causing so much damage in June was not successful. Plants were grown in the greenhouse for this purpose with a view of artificially starting if possible the disease before the spores became disseminated in the outer air. It is positive that spores of some kind do germinate on the new leaves in spring time and produce the disease. The latter is not hereditary as supposed in the plant. Only the leaves and succulent stems are affected. The spores produced so abundantly in June do not live beyond a few days after maturity. There must be some alternating form not yet positively identified. But continued observations more and more confirm the idea that this alternate form is found upon the same plants late in the season and is known as *Puccinia Peckiana*—a very different

appearing fungus from that of the orange rust, but almost certainly the same in disguise. It was the spores of this *Puccinia* which we tried to grow on the leaves of the greenhouse plants. Evidently some essential condition was wanting. We, however, know enough of the disease to be certain that in isolated fields it can be kept down by carefully removing the affected plants before the spores are disseminated. The task would doubtless be easier if our knowledge was complete as to the life history of the parasite. This we still hope to find out.

Of a considerable number of kinds of grapes fruited this season, Moore's early deserves special mention as exceedingly vigorous and productive. The fine appearance of the fruit and the earliness of ripening make it very desirable for our markets. This year the berries were ripe the first and second weeks in August—three weeks before Concord. Champion also proves to be an excellent early variety. Perkins did well, but the vine is more subject to mildew than many others—not so much so as the similar variety, Willis. Concord was sold in our local markets at 1½ cents per pound—to low for profit even with fine crops. Those varieties that mature at a different season stand a chance of selling for better prices, hence the importance of kinds like Moore's early and Worden. The black rot attacked some of the grape berries in June but otherwise the fruit has been remarkably clean and good.

Numerous seedling strawberries and raspberries have been grown, with the hope of getting something of importance in this interesting and profitable but well-worked line of experimentation.

ORNAMENTAL GROUNDS.

The appearance of the lawn has been greatly damaged this year by the white grubs, the larvae of what is known as the May beetle. Many attribute the withered condition of the grass to the dry weather, but it is certain that without the grubs the grass would now be green and healthy. These insects are said to live three years in the larval state and do the most damage the third summer. Besides the nearly matured grubs now in the sward, we find young ones evidently from eggs of this season, but none of last year's brood. We may therefore expect to be practically free from injury next year, but not the season following, unless the young brood is by some means exterminated. Professor Forbes experimented in several ways in killing the grubs and it was found that an emulsion of kerosene oil could be graduated in strength so as to kill them without injury to the grass, but upon practical trial it proved that the expense was much too great for ordinary use. Many of them can be killed by pounding the surface, but rolling with a heavy field roller is unavailing. It is thought that some mechanical device can be arranged for killing the worm, but so far this has not been practically attained. In the meantime the birds—especially robins—are greatly aiding in the extermination of the pests. They appear to know in some way where an insect lies, and vigorously pick a hole in the sod to gain access to the coveted prize. Scores of grubs have been destroyed during the course of a half hour while the birds were watched at this work.

The report of the Business Agent will show that there has been paid for the care of the lawn, the roads and walks, etc., \$148.70. To this should be added the services of Mr. McCluer, as foreman, who managed the labor and gave a considerable portion of his own time. The amount allowed at the March meeting for this entire work was \$300. The flower beds have been kept in good order and now show for themselves. There has been no additional expense upon these, the labor being accounted for above and the plants furnished by the greenhouse.

The new lots upon the east have been cleaned and broken up, and the soil partially prepared for seeding. For this work twenty dollars were appropriated. Only six of this is expended so far, as the accounts of the Business Agent show, but about ten dollars more is due to the departments of agriculture and horticulture for labor not yet charged over. For the general grounds and finishing the preparation of this new land, I estimate that it will require for the next six months an expenditure of about sixty dollars.

The new fence between the University grounds and Mr. Bronson's lot was built within the amount assigned for it.

To enable the horticultural department to meet the demands of the next six months, a sum equal to that paid the foreman will be required beyond the expected income, or three hundred and thirty dollars. It is believed that the expense for fuel at the greenhouse and the cost of the necessary labor of the department can be met from receipts.

Respectfully submitted,

T. J. BURRILL.

The committee on Nebraska lands submitted the following report:

To the Trustees of the University of Illinois:

Your committee intrusted with the sale of the University lands in Nebraska, respectfully reports:

Since the last report the sales have been:

No.	Name.	Tract.	Price.	Cash.
47	Matej Hubka.....	S. E. 12 2 8	\$2,240 00	\$560 00
48	James K. Cullen.....	S. E. 34 3 8	2,000 00	1,040 00
49	Vensl Hnizda.....	S.W. 34 3 8	2,240 00	560 00
50	Bowman T. Hnizda.....	N. E. 26 3 8	2,000 00	500 00
51	James Skubal and James W. Hnizda.....	S. E. 13 3 8	2,000 00	500 00
52	James W. Hnizda.....	N. E. 13 3 8	2,000 00	800 00
53	Edward R. Fogg.....	S.W. 13 3 8	2,000 00	500 00
Totals			\$14,480 00	\$4 460 00
Before reported			98,271 37	23,317 84
Total sales to date			\$107,751 37	\$27,777 84

Seven quarter sections remain unsold.

Respectfully submitted.

S. H. PEABODY, }
C. W. BENNETT, } Committee.

URBANA, September 14, 1886.

The Business Agent submitted the following statements accompanied by vouchers and lists of warrants; the same were referred to the Auditing Committee:

CURRENT APPROPRIATIONS.

March 1, 1886—August 31, 1886.	Appropriated	Receipts also appropriated	Expended.	Balance.
Board expense.....	\$300 00		\$266 28	\$33 72
Salaries for instruction } Current }	18,385 00		15,379 80	650 27
Salaries for instruction } State }			2,354 93	
Salaries for services.....	1,215 00		1,215 00	
Buildings and grounds.....	300 00	\$86 00	263 80	132 20
Fuel and lights.....	1,000 00	34 78	1,014 28	30 50
Stationery and printing.....	1,300 00	145 00	1,279 24	65 76
Nebraska lands.....	256 33	175 60	251 83	209 10
Mechanical department.....	300 00	484 50	465 82	318 68
Architectural department.....	300 00	1,098 98	1,165 54	233 44
Agricultural department.....	2,300 00	2,678 06	4,551 31	346 75
Horticultural department.....	300 00	595 81	895 81	
Military department.....	68 00	50	64 64	3 36
Laboratory.....	300 00	475 95	303 70	472 25
Library and apparatus.....	50 00		48 10	1 90
Incidental expense.....	308 55	7 00	270 29	45 26
SUNDRIES.				
Gymnasium.....	15 00			15 00
Cases, etc., zoological laboratory.....	274 51		216 99	57 52
Farmers' institutes.....	50 00		32 44	17 56
New Orleans Exposition.....	250 00		250 00	
Architectural drawings.....	74 50		45 23	29 27
Furniture and fixtures.....	50 00		10 58	39 42
Griggs farm.....		125 00	10 00	115 00
Taxes of lots east of University.....	25 00		18 47	6 53
Publications of bulletin, etc.....	150 25		25 00	115 25
Commencement expenses.....	110 00		110 00	
Drawing-room shutters.....	63 05		63 05	
Architectural cabinet case.....	50 00		13 62	36 38
Music fees.....		115 50	115 50	
Preparatory year fees.....		465 46	490 00	
University students' fees.....		2,180 00		2,180 00
Illinois Central freight.....		566 85		

STATE APPROPRIATIONS.

Of July 1, 1885,	Appropriated	Received.	Expended.	Balance.
Taxes on land (½ per annum).....	\$4,000 00	\$3,433 15	\$3,433 15
Buildings and grounds (½ per annum).....	6,000 00	6,000 00	4,037 82	\$1,962 18
Laboratories (½ per annum).....	3,000 00	3,000 00	893 88	2,106 12
Mechanical and architectural shops (½ per annum).....	3,000 00	3,000 00	1,650 00	1,350 00
Books and publications (½ per annum).....	3,000 00	3,000 00	1,500 00	1,500 00
Cabinets (½ per annum).....	2,000 00	2,000 00	1,123 26	876 74
Current expense of instruction (½ per annum).....	24,000 00	24,000 00	14,354 93	9,645 07
Machines and tools (½ per annum).....	4,000 00	4,000 00	2,000 00	2,000 00
Fire walls and ventilation.....	4,500 00	4,500 00	2,980 82	1,519 18
Laboratory of Natural History.....	18,000 00	8,260 65	6,986 34	1,274 31
	\$71,500 00	\$61,193 80	\$38,960 20	\$22,233 60

A communication from the Champaign and Urbana Water Supply Co. was received and read; it was referred to the Executive Committee and the Regent, with authority to negotiate with said company.

A communication from S. Goodrich was, on motion, referred to the Committee on Buildings and Grounds, for report at the next meeting.

The appointment of Miss Maud Kimball as teacher of music, vice Miss Kittie Baker, resigned, was approved.

The appointment of C. E. Eggert as assistant in modern languages, vice Miss Gregory resigned, was approved.

The Regent was authorized to make an appointment as second assistant in chemical laboratory, vice D. H. Barrett resigned.

The following special appropriations were made:

- \$30.00 for repair of instruments and for band music.
- \$200.00 for binding of books and periodicals.
- \$300.00 for periodicals.
- \$1,000.00 for purchase of books.
- \$50.00 for case for geological specimens.
- \$100.00 for herbarium.
- \$726.24 for purchase of specimens for cabinets.
- \$60.00 for seeding and care of grounds.
- \$100.00 for apparatus for botanical laboratory.
- \$15.00 for meteorological instruments.
- \$150.00 for expenses of inspecting and recording lands in Minnesota.

The following report from the Auditing Committee was received and approved:

CHAMPAIGN, ILL., September 14, 1886.

To the Board of Trustees:

Your Auditing Committee would respectfully report that they have found the reports of the Business Agent in proper form and correct, and the vouchers from No. 751 to 1,000, both inclusive, properly receipted, and recommend that the same be approved.

We would recommend, that the list of appropriations submitted by the Business Agent for the next six months be adopted.

We would also recommend, that the following bills be audited and allowed:

Abendroth & Root Mfg. Co., boiler tubes	\$193 65
Burnham, Trevett & Mattis, advertising Nebraska lands and commissions.....	73 50
R. S. Wilbur, hauling benches and seats.....	18 75
Architectural department, expenses for commencement.....	37 08

Respectfully submitted,

GEO. C. EISENMAYER.
C. W. BENNETT.

Treasurer J. W. Bunn then read his report, which was received and ordered filed:

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

1886.					
June	8	To balance.....			\$293 98
	15	" " " interest on Morgan county bonds			1,750 00
July	1	" " " Champaign county bonds.....	\$5,400 00		
		" " " Pike county bonds.....	2,100 00		
		" " " Sangamon county bonds	880 00		
		" " " Macoupin county bonds	660 00		
		" " " Chicago water bonds	875 00		
		" " " Kankakee school bonds	240 00		
		" " " Christian county school bonds	250 00		
		" " " Sangamon county school bonds.....	118 00		
		" " " Litchfield school bonds	275 00		
		" " " Kankakee county bonds.....	1,500 00		
					12,298 00
		To interest on Kankakee county bonds			900 00
		" " " Pittsfield school bonds.....			600 00
July	9	Rec'd from State for taxes on lands in Neb. and Minn.....	1,666 87		
		" " " " for buildings and grounds.....	3,000 00		
		" " " " laboratories	1,500 00		
		" " " " books and publications.....	1,500 00		
		" " " " educational work in machine shops.....	1,500 00		
		" " " " specimens for cabinet.....	1,000 00		
		" " " " expenses of instruction.....	12,000 00		
		" " " " tools and machines.....	2,000 00		
					24,166 87
August	30	Rec'd from State for State Laboratory of Natural History.....			1,050 00
		" " " on account building and grounds	25 00		
		" " " " fuel and light	34 78		
		" " " " stationery and printing	145 00		
		" " " " Nebraska lands	175 60		
		" " " " mechanical department.....	424 50		
		" " " " architectural department.....	1,022 67		
		" " " " agricultural department.....	2,061 76		
		" " " " horticultural department.....	367 31		
		" " " " military department.....	50		
		" " " " laboratories	325 95		
		" " " " incidentals	7 00		
		" " " " music fees.....	18 50		
		" " " " preparatory year	10 00		
		" " " " University fees	80 00		
		" " " " Illinois Central freight donation.....	566 85		
					5,265 42
		Total			\$16,324 27
					<i>Cr.</i>
August	11	By amount paid on account board expense.....	\$112 77		
		" " " " salaries.....	6,186 26		
		" " " " building and grounds	166 60		
		" " " " fuel and lights	771 88		
		" " " " stationery and printing	1,158 31		
		" " " " preparatory year	130 00		
		" " " " Nebraska lands	29 00		
		" " " " mechanical department	222 27		
		" " " " architectural department.....	960 56		
		" " " " agricultural department.....	3,343 63		
		" " " " horticultural department.....	556 22		
		" " " " military department.....	13 22		
		" " " " laboratories	171 92		
		" " " " library and apparatus	40 25		
		" " " " incidental expense.....	190 54		
					14,053 46

Treasurer's Report—*Continued.*

1886.	<i>Cr.</i>		
August 30	By amount paid on account	commencement expenses.....	\$110 00
	" " "	drawing room shutters.....	63 05
	" " "	furniture and fixtures.....	10 58
	" " "	New Orleans Exposition.....	16 35
	" " "	bulletins.....	35 00
	" " "	music fees.....	18 50
	" " "	zoological laboratory cases.....	216 49
	" " "	architectural drawings.....	45 23
	" " "	architectural cabinet case.....	13 62
	By amount paid on account	taxes on lands in Neb. and Minn.	1,666 87
	" " "	buildings and grounds.....	1,037 82
	" " "	mechanical & architectural shops.	442 00
	" " "	books and publications.....	297 25
	" " "	laboratories.....	97 33
	" " "	cabinets.....	481 37
	" " "	machinist tools.....	7 70
	" " "	expenses of instruction.....	2,354 93
	" " "	fire walls and ventilators.....	851 12
	" " "	Laboratory of Natural History...	1,624 18
			\$528 82
	Total.....		8,860 57
	Balance.....		\$23,442 85
			22,881 42
			\$46 324 27

URBANA, September 14, 1886.

JOHN W. BUNN, Treasurer.

The following appropriations were made from current funds for the six months ending February 28, 1887:

Salaries for instruction.....	\$19,914 00	
" " services.....	1,650 00	
Board expenses.....	300 00	
Fuel and lights.....	2,000 00	
Stationery and printing.....	350 00	
Library apparatus.....	50 00	
Incidentals.....	200 00	
Military department.....	50 00	
Laboratories.....	\$200 00	\$24,514 00
Mechanical department.....	200 00	
Architectural.....	200 00	
Agricultural.....	400 00	
Horticultural.....	400 00	
Sundries—		1,400 00
Furniture and fixtures.....	\$25 00	
Architectural drawings, balance.....	29 27	
Architectural cabinet case, balance.....	36 38	
		90 65
Total.....		\$26,004 65

The following motion by Trustee McLean was carried:

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 December 31, 1886.

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

For the traveling, office, and the 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 five hundred dollars.

For the publication of bulletins the sum of one hundred and fifty dollars.

For the preparation and publication of the second volume of the report upon the zoölogy of the State the sum of fifteen hundred dollars.

The Board then took a recess until 8 o'clock p. m.

EVENING SESSION.

The Board assembled at the hour appointed.

The account of Treasurer Bunn of money paid for premiums on bonds and for taxes, amounting to \$173.50, was audited and allowed, and a warrant ordered to be drawn.

The renting of the Griggs farm was referred to the Farm Committee with power to act.

The following resolution introduced by Trustee Bennett was adopted:

Resolved, That the Regent of the University is hereby authorized to accept on behalf of the University such donations as will be useful to the University either for instruction or experiment,—and that he make proper acknowledgement of the same.

On motion the Board adjourned, to meet at Chicago in the office of the President, No. 115 Dearborn street, Tuesday, the 9th of November, 1886, at 10 o'clock a. m.

E. SNYDER,
Secretary.

S. M. MILLARD,
President.
