

MEETING OF DECEMBER 8, 1914.

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Tuesday, December 8, 1914, at 12.30 p. m.

When the board convened the following members were present: President Abbott, Superintendent Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Miss Watson. Mr. Meeker came in a little later and recorded his vote on the actions already taken.

President James was present.

MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The regular order of business was suspended and the board proceeded immediately to the consideration of the following matters presented by President James:

PROPOSAL TO SEND A CADET REGIMENT TO SAN FRANCISCO.

(1) A letter signed by the Commandant of Cadets, Maj. F. D. Webster, and Joseph N. Greene, Colonel of the Cadet Corps, asking for permission to make an effort to raise money to take a picked regiment of 832 men, including the band of the University Corps of Cadets, to the Panama-Pacific Exposition at San Francisco:

URBANA, ILL., November 22, 1914.

To the Board of Trustees of the University of Illinois:

The Military Department respectfully petitions the Board of Trustees for permission to make every possible effort to raise money to take a picked regiment of 832 men, including the band of the University Corps of Cadets to the Panama Exposition at San Francisco. It is proposed to leave Champaign on June 19 at the close of the school year and to remain in San Francisco for a period of not less than two weeks or more than four weeks.

It is estimated that the approximate cost of such an undertaking would be \$80,000. In order to raise this sum, it is proposed to assess each man who goes on the trip fifteen dollars, thereby raising the sum of \$12,000. It is further proposed to raise the remaining amount from three possible sources, to wit: by a special act of the State Legislature, by possible aid from the United States Government, or by aid from the Illinois Commission for the Panama Fair Exposition.

Inasmuch as the State of Illinois must have an exhibit at the Fair, the Military Department is of the opinion that at this particular time a military exhibit would be especially appropriate. The part which college trained soldiers may play in the history of the country in the future may be a great one. The State would be splendidly represented by our Corps of Cadets.

This petition has precedent. The University Corps was sent to the St. Louis Exposition in 1904. The State Legislature of Missouri by a special act appropriated enough money to send the Missouri Corps of Cadets to the Jamestown Exposition.

The Military Department believes this undertaking would be a great good for both the University and the State of Illinois. It therefore petitions that permission be given so that the Military Department may attempt to raise the necessary money.

Respectfully submitted,

F. D. WEBSTER,
Major of Infantry, Commandant of Cadets.
JOS. N. GREENE,
Cadet Colonel.

The Counsel of Administration, after discussing the proposition carefully voted that while there would be no objection to such a trip in itself it would be undesirable to have a request for an appropriation for this purpose presented to the coming Legislature, useless to present it to the commission for the Panama Fair Exposition, and probably useless to present it to Congress.

On motion of Superintendent Blair, this matter was referred to the President of the University, with power to act.

REQUEST FOR FIELD GUNS FOR THE CADET CORPS.

(2) A letter from Maj. F. D. Webster, Professor of Military Science in the University, enclosing certain correspondence with the Adjutant General of the United States Army, in regard to the issue of field guns for the use of the Student Battery of Artillery:

November 17, 1914.

President E. J. James, University of Illinois.

SIR: I desire to invite your attention to enclosed letter and 2d endorsement thereon. I would be glad to have you consider this matter with a view to taking

up the scheme presented at some future time. This Government is now in great need of auxiliary troops to reinforce the Infantry already on hand in the National Guard.

Very respectfully,

F. D. WEBSTER,
Professor of Military Science.
URBANA, ILL., October 21, 1914.

From: Maj. F. D. Webster, Infantry; Professor of Military Science and Tactics.
To: The Adjutant General, United States Army, Washington, D. C.
Subject: Issue of late model of field guns to University of Illinois.

1. Referring to paragraph 26, G. O. 70, November 18, 1913, I request to know if the standing of the University of Illinois is, in the opinion of the Inspector, such as to warrant the issue of a later type of field gun for use of the student Battery of Artillery.

2. There are over 2,000 men in the student Infantry Brigade and a Battery of Field Artillery of sixty men proficient in foot battery work whose services should be utilized in learning the use of the later methods of field artillery fire.

3. If later model guns can be furnished more men can be made available for such duty.

4. The guns now on hand are the 3.2 inch B. L. Steel rifles, model 1885.

F. D. WEBSTER.

WAR DEPARTMENT, The A. G. O., November 12, 1914.

To Maj. F. D. Webster, Infantry; Professor of Military Science and Tactics, University of Illinois, Urbana, Ill.:

1. While the standard of military instruction at the University of Illinois, as determined by the last annual inspection, was very satisfactory, the 3-inch field artillery material cannot be supplied at the present time under the provision of General Orders No. 70, War Department, 1913. Attention is invited to the fact that where the authorities of a state can organize a *bona fide* battery of field artillery composed wholly or in part of students of a college or university it can be incorporated in the Militia of the state and placed upon the same status as to material, instruction, etc., as any other Militia Battery. It should be clearly understood that the purpose of the Militia Law is to organize and equip units that will be effective in time of war and that will be available for service when needed, in the same manner as organizations of the Regular Army.

2. Such batteries are liable to Federal inspection under section 14 of the Militia Law and will be under the Inspector-Instructors of the Regular Army on duty in districts. They must attend camp, conduct target practice and in general show a state of efficiency that warrants recognition by the Federal Government.

3. Two such batteries are now organized at the University of Minnesota. The state authorities of Indiana are now contemplating the organization of similar batteries.

4. The organization of a Militia Battery in the University of Illinois might be effected in the same manner, by the State authorities of Illinois with the approval and support of the University.

By order of the Secretary of War:

A. F. LAND, Adjutant General.

No action was taken on this matter.

REQUEST FOR CHANGE OF UNIFORM.

(3) A letter from the Professor of Military Science concerning a change in the uniform for the Cadet Brigade of the University of Illinois:

November 12, 1914.

President E. J. James, University of Illinois.

SIR: I have the honor to make the following recommendation regarding the Military Department, with the request that it be submitted to the Board of Trustees for its action at the earliest practicable date.

That a change of uniform be made from the present one to the Olive Drab Woolen Service, the same as is in use in the United States Army. This will consist of the following articles:

1—Cap, olive drab.	1—Leggins, canvas.
1—Breeches.	1—Waist belt (web).
1—Trousers.	1—Shirt, olive drab.
1—Coat.	

The total cost of these is about \$14 as against \$16.20 required for the present uniform.

This uniform will be more comfortable than the present one and more serviceable in every way. The breeches with leggins will be worn for drill purposes and the trousers when appearing at cadet hops and for other social purposes.

This change will result in a mixed uniform for the first year, the sophomores wearing the present uniform and only the freshmen buying the new one. The sentiment of the cadets is almost unanimous in desiring this change.

The new two-year contract for 1915-16 and 1916-17 is to let in the Spring of 1915. The War Department attempts in no way to influence the University in regard to uniform.

Upon the recommendation of Director A. A. Harding, it is thought desirable and advisable to retain the present uniform for the band.

Very respectfully,

F. D. WEBSTER,
Major of Infantry, Professor of Military Science.

Consideration of this matter was deferred.

REPORT OF STATE LABORATORY OF NATURAL HISTORY.

(4) A letter from Prof. Stephen A. Forbes, Director of the State Laboratory of Natural History, transmitting the biennial report of the work of this department:

November 27, 1914.

President Edmund J. James, University of Illinois.

SIR: I have the honor to report concerning the operations of the State Laboratory of Natural History during the past two years, that, with the exception of the necessary routine work at the Urbana headquarters, they have been limited mainly to a continuation of our operations on the Illinois River and its tributary waters, now rapidly approaching a completion of our program.

A general survey of the chemistry and biology of the stream, reported for the upper river in article 10 of Volume IX of the *Bulletins* of this Laboratory, has now been carried on for the lower part of the river, from Peoria to the mouth, with special attention to the animal life of the shores and bottom of the river and of the lakes of its overflow land.

Mud samples were also obtained from these waters for chemical analysis, with a view especially to a classification of the bottom land lakes and streams in respect to their natural productivity. Studies have been made of the length of time during which aquatic animals or their eggs can survive when the land lies dry between overflow periods. For this purpose samples of the dirt collected from tracts which had been out of the water for various periods were put into jars of water and kept under normal conditions to see what aquatic animals and plants would reappear and multiply. It was a part of the object of this inquiry to test the practicability of a rotation of agriculture and fish culture, as recommended by high European authority.

Samples of the water of the river have been collected and analyzed chemically every two weeks for an entire year from twelve stations along the course of the stream, together with other samples from the Mississippi River for comparison. The special object of this series is to trace down the stream the gradual transformation of the organic matters contained in the sewage contributions from the Chicago Drainage Canal and from the principal towns along the river banks, with a view to learning where they first become available as food for aquatic plants, and thus, in the end, for the maintenance of fishes.

Large collections of fish stomachs have been made and studied to give us details of the natural food of certain of our more important fishes, especially black bass, carp, and buffalo, and our more destructive water animals, particularly gars and cormorants. Similar studies have been made of the food of the smaller animals of the bottom, upon which fishes are largely dependent for their own maintenance.

Systematic and continuous observations have been carried on upon the breeding grounds of bass and carp with reference especially to the fate of the fry in our natural waters.

The practical disappearance of the buffalo from the Illinois River, formerly its most important food fish, has led to a study of the buffalo fisheries of the Mississippi River, particularly those at New Boston and Alton, in the hope that light might thus be thrown upon the Illinois River problem.

The data derived from these various investigations, together with others of the years preceding the present biennium, have now been tabulated and organized, preliminary to the preparation of reports upon their various topics; and the manuscripts of several such reports are well advanced towards completion.

An analysis and tabulation of all data of fish production of the Illinois River obtainable from the various statistical reports made from 1894 to the last United States Census of 1908, has been made by us with the idea primarily of comparing the productivity of the Illinois waters before and after the opening of the Chicago Drainage Canal in 1900. We have obtained additional data of this sort by a careful compilation and analysis of all shipments of fish from Havana, one of the principal shipping points on the Illinois, from 1908 to the present year.

We have been, during the past summer, working upon a program of cooperation with the Rivers and Lakes Commission and the State Game and Fish Commission, which has resulted in the engagement, by the Rivers and Lakes Commission, of Alvord and Burdick, a firm of eminent engineers, to make a general report upon the Illinois River, having in view all the interests concerned. We have collated and turned over to these engineers a considerable body of information concerning the river and its fisheries, and have translated for their use many foreign articles describing fisheries conditions and yields under various forms of management in the Old World. We have also made a general reconnaissance of the river, in their company, in our Station launch, on a trip from LaSalle to Grafton, at the mouth of the stream.

I have also endeavored to make our products and operations as useful as practicable to the Game and Fish Conservation Commission, have held several conferences with them at their request, and have made a special biological survey of the waters in the Spring Lake reclamation district as bearing upon propositions of the commissioners of that district for a transfer of a portion of their property to the State for fish production.

A similar service was done, at the request of the Rivers and Lakes Commission, in a thoroughgoing biological survey of the upper Fox River, with special reference to pollutions of that stream by towns along its banks of which complaint had been filed with the commission. Our collections were made at fifty-six stations from Dundee to Yorkville, and a preliminary report of the various pollutional conditions found, as illustrated by the plant and animal contents of the stream, was made to the commission September 19.

The Illinois River work has been in immediate charge, as heretofore, of Mr. R. E. Richardson, Biologist of the Laboratory.

The water analyses have been made by the Water Survey of the State under a cooperative arrangement by which the products of the work are available to both parties.

Other chemical determinations have been made at State Laboratory expense in the chemical laboratories of the University.

The biological station houseboat, or floating laboratory, which is the portable headquarters of all our Illinois River work, was rebuilt during the last winter at the expense of the University of Illinois, to which this property actually belongs. Our equipment for field work is consequently now in excellent condition.

At Urbana an important work has been in progress, in the determination and incorporation of large additions to our extensive insect collections, and a complete reorganization of the whole to bring it up to date. The time of the systematic entomologist of the Laboratory, Mr. C. A. Hart, is virtually all given to this work.

Our very large recent collections of aquatic animals and plants from the Illinois River region are an important addition to the permanent collections of the Laboratory, available not only for our own present studies but for detailed work by others for many years to come.

One family of insects (Chironomidae) whose aquatic larvae are particularly important as an element in the food of fishes, has been thoroughly worked up, and a monograph on the family prepared for publication by Mr. J. R. Malloch, an expert in this Department of Entomology, now permanently on my staff.

I have also improved the opportunity of establishing a new laboratory for exact research on aquatic animals at the University, where a newly appointed Professor of Animal Ecology has been engaged for part-time service on the State Laboratory staff in an investigation of special subjects requiring a fixed equipment of complex apparatus. He is now at work on the precise effects of contaminations due to gas-house wastes upon the various species of fishes exposed to them in our principal streams. Many subjects are now opened to us for the first time by the establishment of this new laboratory. There are also several important matters already in hand requiring further field work for their completion, and an active investigation of new problems must consequently be continued during the coming two years.

Our field and experimental work having now run far ahead of our report manuscripts, it is my intention to give the greater part of the time available during the coming year to the preparation and publication of bulletins making the results of our studies available to those interested. There is, in fact, in my hands a great accumulation of materials in various stages of preparation for publication, much of it obtained many years ago; and I would like it if my employments and responsibilities might be so adjusted that I could bring these matters to the point of final report and publication without further delay.

Respectfully yours,

STEPHEN A. FORBES.

This report was received for record.

LITIGATION AGAINST THE UNIVERSITY.

(5) A communication from Judge O. A. Harker, Counsel for the University, stating the present situation in regard to certain cases against the Board of Trustees of the University of Illinois, pending and undetermined in the courts.

November 25, 1914.

To President James and the Board of Trustees of the University of Illinois:

As Legal Counsel of the University, I beg leave to submit the following report as to cases against the Board of Trustees pending and undetermined in the courts:

WALTER J. NORTH, ADMINISTRATOR OF THE ESTATE OF JAMES W. NORTH, DECEASED
v. THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

This case was brought before the Illinois Industrial Board under the Workmen's Compensation Act of 1913, to recover for the death of James W. North, which occurred on the 5th of December, 1913, by his falling through an elevator shaftway, at the College of Medicine, Chicago. North was employed as curator at a salary of \$70 per month. The University denied its liability on the ground that North's death was attributable to no negligence of the University, and because the University had not elected to come under the provisions of the Workmen's Compensation Act. Upon the hearing, counsel for the respondent moved to dismiss the case upon the ground that the University was without the provisions of the act, never having so elected. The motion was overruled, and decision entered against the Board of Trustees requiring it to pay the representatives of the deceased \$8.08 per week, commencing December 5, 1913, and continuing until such payments aggregate \$3,360. Application was at once made to have the cause reviewed by the Supreme Court upon a writ of certiorari. The writ was obtained, but it cannot now be reviewed in that method because the Supreme Court has recently decided in another case that the provision of the act authorizing a review by certiorari in that court is unconstitutional. We were therefore compelled to apply to the Circuit Court of Cook County for the writ, and the cause is there pending. If that court should decide against us, a writ of error will be prosecuted to the Supreme Court. It is highly important that this should be done because of the uncertainty concerning certain provisions of the Workmen's Compensation Act and the desirability of having the Supreme Court decide whether we are within its provisions without filing election to be within it.

MARIE SEEBACH v. BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

This is a suit pending in the Circuit Court of Champaign County brought by the plaintiff, a former student, who was dropped from the University for poor scholarship. It is an ex contractu action in which she complains of the refusal of the University authorities to allow her to continue as a student, and she seeks

a judgment of \$10,000. It is defended upon the ground that the University was authorized in its discretion to discontinue the plaintiff's attendance as a student, she having failed to meet the requirements under established rules.

MARIE SEEBACH V. EDMUND J. JAMES, AND OTHERS.

This action is a tort action against President James and others, members of the Council of Administration, for wrongfully excluding the plaintiff as a student after she had been admitted as such and allowed for a certain length of time to pursue her studies. The special plea under which the case will be defended sets up certain rules adopted for the guidance of under-graduate students, the enforcement of which is necessary. The defense is the same as in the case last above mentioned. The power of the Council of Administration in its discretion to exclude poor students will be put to its test in this case.

GEORGE DOUGLAS V. THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

This is a suit pending in the Circuit Court of Champaign County, in which the plaintiff claims rent on 40 acres of land purchased from him by the Board of Trustees. He claims rent at the rate of \$12 per acre under an agreement made with Prof. Blair, of the Department of Agriculture. Prof. Blair denies that any agreement to pay rent in the event of the purchase of Mr. Douglas' land was ever made by him. The suit is defended upon two grounds; first that no such contract as that set up by Mr. Douglas was ever made by Mr. Blair with him, and second, that Prof. Blair had no authority from the Board of Trustees to make any contract whatsoever with Mr. Douglas.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS V. HENRY RIETZ, NELLIE WALTON, AND CHARLES W. WALCOTT.

This is a proceeding which was commenced before the County Judge of Champaign County to condemn lots 23, 24, and 25, in the Forestry Heights Addition to Urbana (property situated on Nevada Street) for university purposes. After a trial in which considerable evidence was heard as to the value of the lots, the jury returned a verdict fixing the compensation of each property owner at \$3,500. The University announced its election to stand by the verdict and prayed for an order allowing it on the 15th day of December, 1914, to pay the compensation and the costs of the proceedings. On the payment of the amount and the costs on or before the 15th of December, the University will go into possession and ownership of the three lots.

DAVIS MCCONNOUGHEY V. BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

This was a petition for mandamus filed by the petitioner to compel the University authorities to admit him as a student, and allow him to pursue duties as such. His petition alleged that he registered as a Freshman in the College of Arts and Sciences in September, 1913; that he was dropped for poor work; that he was admitted again on probation at the Summer Session, 1914, and that he applied for admission in September, 1914, and was denied. The suit was begun immediately with the beginning of the school year and as it was important to have an early decision in the case reached, I waived want of service in time for the September term of the Circuit Court and interposed answer admitting the refusal to allow the petitioner to register and justifying it upon the ground that his work was so exceedingly poor and below that of an ordinary student that the general welfare of the University required that he be excluded. A jury was waived and a trial had before the Hon. Frank H. Boggs, presiding judge of the Circuit Court. The case is similar to the Seebach case, excepting that the method of procedure is different. Each involves the power of the University authorities in their discretion to exclude students because of poor scholarship. The court, after taking the case under advisement, rendered an opinion fully justifying the action of the Council of Administration in refusing to allow the petitioner to continue as a student. He holds that the University is invested with large discretionary power in carrying on its work of education, and the courts should not interfere except in case of abuse of that discretion.

The petitioner prayed for and obtained an appeal and the case is now pending in the Appellate Court at Springfield. I have the utmost confidence that the decision of Judge Boggs will be sustained.

Respectfully submitted,

O. A. HARKER, *Legal Counsel.*

This report was received for record.

PLYM FELLOWSHIP IN ARCHITECTURE.

(6) A letter from Francis J. Plym, President of the Kawneer Manufacturing Company, Niles, Mich., concerning the permanent endowment of the Francis J. Plym Fellowship.

October 26, 1914.

President Edmund J. James, University of Illinois, Urbana, Illinois.

MY DEAR DR. JAMES: In answer to your letter of the 15th of October, I was aware that the Fellowship had only been made for five years and this was the last year. I have thought this over a great deal and of course we are not definitely sure of anything, particularly our income, but as my business was going on, I assumed I would soon be justified in offering to the Trustees a sum of money, the interest of which would be sufficient to permanently endow a Fellowship for European study and travel. Until this time had arrived, I had fully intended to maintain the Fellowship as I had been doing, remitting to the Trustees at least \$1,000 a year.

When I first suggested this endowment, I did not have the idea of continuing for only a few years and then discontinuing. Of course I had in mind the successful outcome of my business, the result of which would determine the continuation of this Fellowship. The indications are now, however, that there will be no omission. In case anything should happen to me, the estate would be such that the matter could be carried on without any interruption.

What I am aiming at through this Fellowship is this—to see the Department of Architecture developed into one of the best, if not the best, Architectural Colleges in this country and that it will indirectly aid the University and that, lastly, this scholarship will be helpful to the Department of Architecture and the University, as well as to the Fellow in his future work. If I am in a small measure successful in accomplishing these results, I shall be perfectly satisfied.

I did feel that probably the Fellows who had been abroad might be justified in asking for a certificate of some sort from the University, stating that they had completed this work in a satisfactory manner. I feel sure it would help the boys in their future work. As it is now, they have nothing apparent, to indicate this work was done, unless those who are interested might go to the University for reference.

Yours respectfully,

FRANCIS J. PLYM.

On the recommendation of President James and on motion of Mrs. Evans, this letter was received for record, and the President of the University was authorized to have an announcement of the Fellowship printed in the Annual Register.

LEASES OF THE FARM LANDS GIVEN BY CAPT. SMITH.

(7) A letter from the Comptroller concerning the leases filed with the Secretary of the Board of Trustees by Capt. Thomas J. Smith, covering the real estate which Capt. Smith recently presented to the University for the erection of a Music Building.

On the recommendation of President James and on motion of Superintendent Blair, this letter was referred to the Committee on Agriculture with the request for a recommendation upon the best policy to be pursued in handling these lands.

LABORATORY FEE IN ZOOLOGY.

(8) A letter from Dr. K. C. Babcock, Dean of the College of Liberal Arts and Sciences, endorsing a recommendation made by Prof. Henry B. Ward, that a laboratory fee of \$2.50 be fixed for course 4 in Invertebrate Zoology which begins next semester.

On the recommendation of President James and on motion of Mr. Hoit, the recommendation of Dr. Babcock was approved and the fee was established.

PROFESSORSHIP IN AGRICULTURAL EDUCATION.

(9) A recommendation from the Dean of the College of Agriculture that the position of Professor of Agricultural Education be established in the College of Agriculture with the understanding that this Professor may be also classified as a member of the Faculty of the School of Education.

On the recommendation of President James and on motion of Miss Watson, this recommendation was approved and the position established.

PURCHASE AND RENTAL OF MICROSCOPES.

(10) A communication from the Secretary of the College of Medicine relating to the purchase and rental of microscopes in the College of Medicine:

PROPOSED REGULATIONS CONCERNING THE OWNERSHIP, SALE AND RENTAL OF MICROSCOPES.

Each student in the College of Medicine is required to own, or have the entire use of, a microscope of approximately the following description: hinged stand, with coarse and fine adjustments, triple nose-piece; substage condenser with iris diaphragm; oculars II and IV; objectives No. 3 (16 mm.) No. 6 (4 mm.), and 1/12 inch oil immersion. The conditions under which microscopes are purchased or rented are as follows:

1. The College of Medicine urges that each student purchase his own microscope. The University will act as the purchasing agent for the student, so as to secure to him the benefit of wholesale prices. Students desiring to purchase a microscope will leave a written order to that effect with the Secretary. Such order must be accompanied by a check covering the price of the microscope, \$..... The Secretary undertakes to act as agent for the student in the purchase of the microscope.

2. The University will buy microscopes and sell them to students on an installment basis, if students so desire. The student desiring to buy a microscope on this basis must file a written order to that effect with the Secretary, accompanied by an initial deposit of dollars. The student will be required to pay a further installment of dollars at each subsequent registration. The balance due on the microscope becomes payable whenever the student discontinues his attendance at the college, either by graduation, dismissal, or otherwise. Each

microscope remains the property of the College of Medicine until all installments due on it have been paid. The student will be required to furnish a bond signed by two taxpayers of the State of Illinois acceptable to the Comptroller of the University.

3. Students may rent microscopes from the University by the payment of rental charges according to the following schedule:

Microscopes having double nosepiece, \$2.50 a semester.

Microscopes having triple nosepiece and oil immersion lens, \$4 a semester.

Microscopes rented to students must be returned to the Secretary, or to the Curator of the College, for inspection and repair at any time upon request. Microscopes rented to students must be returned by them in good condition at the close of each semester. The student will be required to furnish a bond signed by two taxpayers of the State of Illinois acceptable to the Comptroller of the University.

On the recommendation of President James and on motion of Superintendent Blair, the proposed regulations as to ownership, sale, and rental of microscopes in the College of Medicine were approved, and the Comptroller was authorized to put the proposed scheme into effect.

At this point, Mr. Meeker joined the members of the Board and, after hearing the reading of the actions previously taken, recorded his vote in the affirmative in each case.

PETITION FOR AN ACADEMIC COLLEGE IN CHICAGO.

(11) A petition to the Trustees and President of the University of Illinois from certain school teachers and others in the city of Chicago that the Trustees shall open an academic college, a branch of the University of Illinois, in the city of Chicago.

Mrs. Mary K. Plumb and Miss Eleanor M. Mahany appeared before the Trustees and presented a petition signed by 3,300 teachers in the Chicago schools, that the Trustees establish such a department in Chicago.

No action was taken on this subject.

EXHIBIT AT PANAMA-PACIFIC EXPOSITION.

(12) A request from Francis G. Blair, State Superintendent of Public Instruction, for an appropriation of \$1,500 to provide for an exhibit of the University in the Education Department of the State of Illinois for the Panama-Pacific Exposition.

On the recommendation of President James and on motion of Mr. Meeker, this appropriation was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

HOSPITAL BILLS FOR OTTO KREIGLE.

(13) A recommendation from Prof. White that bills amounting to \$288.50, for hospital services, etc., be paid for Otto Kreigle, an electrician in the employ of the University, who was injured by falling into the pit in the room where we ordinarily store the electric test car. An operation proved necessary, but Mr. Kreigle has since recovered and is back at work. He offers the following receipt to the Trustees:

Received from the Board of Trustees of the University of Illinois, the sum of \$288.50, the amount agreed upon as settlement in full of all claims which I hold against the Board of Trustees of the University of Illinois for injuries received while in the employ of said board as electrician on the 9th day of September, 1914.

On motion of Mr. Meeker, the Comptroller was authorized to pay the hospital and other bills amounting to \$288.50, for Mr. Kreigle. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

ROOM FOR SALE OF ICE CREAM.

(14) A letter from Prof. H. A. Harding, head of the Department of Dairy Husbandry, recommending that an enclosed balcony be placed over the low masonry structure in the angle between the dairy wing and the west central division of the Agricultural Building which formerly contained the stock pavilion, thus providing a room for the retail sale of ice cream made by the Dairy Department in the course of its experimental work. The plan is approved by Dean Davenport and the blue print submitted by Prof. White shows the estimated cost of the work to be \$870. It is proposed to provide for the expense out of Dairy Funds.

On the recommendation of President James and on motion of Mr. Meeker, the sum of \$870 was appropriated as requested, provided the agricultural budget and the dairy appropriation when approved can provide for the expense. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

LEAVE OF ABSENCE FOR DR. WHITING.

(15) A recommendation from Dean Davenport that sick leave of absence, with pay, be granted to Dr. A. L. Whiting, until the close of the present semester, unless he should find himself able to return sooner to his University work.

On motion of Superintendent Blair, this recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

DIRECTORY OF MATRICULANTS.

(16) A report of the present status of the Matriculants' or University of Illinois Directory.

The directory will contain the names of all former students and of all persons who have ever been connected with the Faculty and Staff of Administration, approximately 25,000, supplying information as to the years of residence at the University, degrees, occupation, and present address. Names will be arranged alphabetically and geographically—in the latter case, grouped by cities and states. The directory will contain about twelve hundred pages. Three thousand copies of this book may be printed for about \$4,500.

On motion of Mr. Meeker, the price of the directory was fixed at \$1.50 a volume, and the Comptroller of the University was authorized to let the contract for the printing of 3,000 copies of the volume as soon as the copy is ready. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

LAWES MEMORIAL, ROTHAMSTED EXPERIMENT STATION.

(17) A letter from the Dean of the College of Agriculture recommending that the sum of \$500 be appropriated from the receipts of the Experiment Station as a contribution to the building of the Lawes Memorial at Rothamsted, England, in consideration of which a complete set of the Rothamsted Memoirs will be presented to the library of the University of Illinois.

On the recommendation of President James and on motion of Mr. Hoit, the sum of \$500 was appropriated for the Lawes Memorial. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

REQUEST FOR BIRD PRESERVE.

(18) A letter from Prof. Ward, enclosing one from Prof. Smith, in regard to the necessity for a bird preserve near the University:

URBANA, ILL., October 21, 1914.

MY DEAR PRESIDENT JAMES: During the past few years there has been much discussion concerning the difficulties encountered by this department in giving instruction that involves field work by virtue of the destruction of natural growth in the surrounding country. I am sending you herewith a letter from Prof. Smith. This was written last spring when he was trying to do instructional work in the course in ornithology. I talked it over with you informally at that time.

Feeling it was possible for him to be overinfluenced by trivial difficulties at the time the course started, I laid it aside and requested him to let me know later how the matter looked. There has been since then sufficient time for any temporary feeling of inconvenience to disappear and for us to get a definite view of the permanent conditions as they exist after the changes on which he comments. He feels that the situation is no better than he thought it was at that time and in some respects is even worse than it seemed to him then.

The number of birds available for study was far smaller last spring, during the summer, and this fall than it ever has been before. The situation is serious because the demand for instruction in this line is real and is increasing. The high school teacher is expected to know the birds and to give instruction to students in ornithology. Much emphasis is laid upon bird study in the work of elementary grades and no textbook in nature study can be used or no course be properly given without spending considerable time on this phase of the topic. It is hardly necessary to add that birds are now regarded as important agents in reducing and holding in check the insect enemies of our crops and gardens. The farmer and gardener has come to look upon them as his friends and allies and to consider that teaching in our schools is far from adequate when proper attention is not devoted to them.

Some way or other the University must protect its possibilities of instruction in this direction. If the patch of woodland northeast of the town were to be destroyed or to be opened to the ravages of hogs there would be no point within any reasonable distance at all for the study of bird-life. It is because I fear this condition which would result in the total elimination of our bird study, that I am writing you again about this matter. I think the letter of Prof. Smith is so clear and conservative that it ought to be kept and that at some convenient time the matter ought to be given definite consideration in providing for University facilities. Would it not be a good thing for Prof. Smith to discuss the matter at some time before the Board of Trustees for example?

Very sincerely yours,

HENRY B. WARD.

[Prof. Smith's Letter.]

March 16, 1914.

DEAR PROF. WARD: I wish to call attention to the fact that the very last accessible places which furnished conditions attractive to the majority of the birds that come during the earlier part of the season have now been "cleaned up" and made valueless for the work with a bird class. Houses have taken the place of bushes on the Reasoner place and the hedges have been destroyed and now the Cemetery has been renovated by the complete destruction of all the hedges, brush patches, and neglected corners which furnished the only conditions attractive to many varieties of birds that were formerly abundant here but can no longer be found in places within reach of bird classes.

With a wonderful increase in the interest in bird life throughout the State and country it seems strange that the University which is so progressive in many lines should be so utterly lacking in interest in this direction.

Four or five acres adjacent to the Forest or including part of it could be easily planted with shrubbery and trees that would supply food and protection to many of our earlier visitors and be of great advantage to our bird classes.

There have not been less than 50 students annually in these classes for a number of years and, as many of them teach in the schools of the State later on, the benefit resulting in this important phase of conservation activities in the State is hardly likely to be overestimated.

Unless something is done very soon to improve conditions for field work here or to provide transportation to suitable places our attempts to give courses in bird work will be largely farcical.

Very truly,

F. SMITH.

On motion of Superintendent Blair, these letters were received for record and the matter was referred to Mrs. Busey and the Committee on Agriculture for consideration and report.

REQUEST FOR ORGANIZATION OF A TROOP OF CAVALRY.

(19) A letter from Mr. J. D. White, Captain of the First Cavalry, commanding Troop B, endorsed by Maj. F. D. Webster, Professor of Military Science, concerning the organization of a troop of Cavalry in connection with the University Cadet Brigade:

URBANA, ILL., December 1, 1914.

President Edmund J. James, University of Illinois, Urbana, Ill.

SIR: I have been informed that a number of universities have, at the suggestion of the War Department, organized troops of cavalry or batteries of artillery of the National Guard of their respective states. In doing this they extend their military training to include mounted as well as dismounted work.

As there are no vacancies in the Illinois National Guard for mounted organizations I wish to suggest that Troop B, 1st Cavalry, Illinois National Guard, be taken in by the University. The students who wish can enlist and be furnished with all clothing and equipment by the State. Those who do not care to enlist, but who wish mounted training, could no doubt be taken care of in some manner.

The only expense to the University or State would be to furnish horses to drill with, and as the troop would drill at night the horses could be used by the Military Department of the University during the day. The troop is now composed of more than 50 per cent students of the University, and arrangements can be made to make the organization almost completely a University body.

The University would have the services of this troop on occasions of ceremony, cadets could use the equipment for mounted drill, if so desired, and it would give many students who are interested in mounted work a chance to get a more extended training. The regiment of which this troop is a part is composed of twelve troops and is commanded by Col. Milton J. Foreman of Chicago, and is considered one of the best mounted organizations in the organized militia. I have spoken to Col. Foreman regarding this subject and he expressed himself as being highly pleased with the proposition, and is very anxious to have it carried through.

One of the officers of the troop, Wilber J. Carmichael, is a member of the University Faculty, and was a Major in the University Regiment during his student days.

I would also request authority to use the Stock Judging Pavillion for the mounted drill of Troop B one night a week, if it can be conveniently arranged. For the present we may be able to rent horses for this purpose but funds would only be available for about one mounted drill each month. It is also thought that the organization of a riding club might be advisable.

Should you look with favor on this letter I will be glad to go further into the matter with you, in conjunction with the Commandant.

Very respectfully,

J. D. WHITE.

Captain 1st Cavalry; Commanding Troop B.

[First Endorsement.]

Military Department, December 2, 1914. Respectfully transmitted to President James. I heartily concur in the suggestions of Capt. White and hope they can be carried out.

F. D. WEBSTER.

Major of Infantry, Professor of Military Science.

This communication was received for record and referred to the President of the University for consideration and report.

MINNESOTA LAND CONTRACT.

(20) A letter from the Comptroller announcing that the last payment on the northeast quarter of the northwest quarter of section 4 (containing 39.91 acres) and the southeast quarter of the northwest quarter of section 4 (containing 40 acres) in the county of Kandiyohi, in the state of Minnesota, had been received, amounting to \$128.40.

This last payment, like the others, must be turned into the State Treasury, and will become part of the endowment fund of the University of Illinois, on which interest is paid by the State under the act of 1897.

On motion of Superintendent Blair, this payment was accepted, and the President and Secretary of the Board of Trustees were authorized to execute a deed to this property.

REQUEST FOR ASSIGNMENT OF LAND.

(21) A letter from the Dean of the College of Agriculture in regard to the assignment among the various University interests of the 320-acre tract of land lying east of the South Farm, and which was recently purchased.

This communication was referred to the Committee on Agriculture for consideration and report.

LEAVE OF ABSENCE FOR PROF. MUMFORD.

(22) A request from Prof. Herbert W. Mumford for leave of absence on half pay for the purpose of advanced study for one year beginning September 1, 1915, in accordance with the statutes of the University on that subject.

On motion of Mrs. Busey, this application was granted, provided the President of the University can make satisfactory arrangements for Prof. Mumford's work during this absence.

APPOINTMENT OF PROFESSOR KUNO MEYER.

(23) A recommendation that the President of the University be authorized to appoint Dr. Kuno Meyer visiting Professor of Celtic Languages and Literature, for the second semester of the academic year 1914-15; his remuneration to be charged to the appropriation for the salary of Prof. Frechet who was detained in France by the outbreak of the present war.

On motion of Superintendent Blair, this recommendation was approved.

MARGARET LANGE JAMES LOAN FUND.

(24) A letter from the President of the University to the Board of Trustees concerning the endowment of a student's loan fund for young women, to be called the Margaret Lange James Loan Fund:

URBANA, ILL., December 8, 1914.

To the Board of Trustees of the University of Illinois:

You are probably aware that Mrs. James was very much interested in the welfare of the students of the University of Illinois, and that she concerned herself much with personal and individual, as well as general, cases and problems. She was especially interested in helping to increase the facilities, opportunities, and privileges for young women. She expressed to me, some years ago, a desire that we should provide for the nucleus of a loan fund for students, preferably women, to which other people might be invited to contribute.

In accordance with her wishes, therefore, I am making to you the following proposition.

I will present to the Trustees of the University of Illinois the sum of \$5,000 to be loaned at the rate of five per cent per annum to students, preferably women, who have completed two full years of work in the University of Illinois, and who, by their character, intellectual capacity, and physical vigor give distinct promise of rendering valuable service to their day and generation—this fund to be known as the Margaret Lange James Student Loan Fund.

This offer is made on the condition that the Board of Trustees on their part will agree:

1. To maintain the principal of this fund intact.
2. To pay semi-annually the sum of \$125, during the term of her natural life, to my daughter, Helen Dickson James.
3. To add after her death the income of the fund to the principal.

I recommend that this proposition be referred to the Finance Committee of the board for consideration and report.

EDMUND J. JAMES.

On motion of Superintendent Blair, this offer was referred to the Finance Committee for consideration and acceptance.

POLICY CONCERNING INCOME AND BUDGET.

(25) The following statement:

It will be necessary for the Board of Trustees to decide shortly as to what policy they will adopt concerning the requests from the Legislature at the coming session for the support of the University.

I recommend that the Trustees ask the Legislature to appropriate the proceeds of the mill tax in a lump sum to the Trustees of the University of Illinois, for the maintenance and extension of the University.

The following buildings have been approved by the Board of Trustees in the order in which they are placed and with the sums indicated, the latter including in some cases the estimate of the cost of furnishing, made by the Supervising Architect.

1. Chemical Laboratory	\$300,000
2. Addition to the Commerce Building	150,000
3. Vivarium and Insectary	50,000
4. Addition to Natural History Building	75,000
5. Building for the School of Education	150,000
6. Building for engineering and Ceramics, including reconstruction of mechanical engineering laboratory and extension of mining engineering laboratory, completion of the Transportation Building, etc.	225,000
7. Woman's Residence Hall	110,000
8. Music Building (chiefly provided for by Capt. Smith's gift)	250,000
Total	\$1,310,000

In addition to these buildings, the University should provide for a section of the new Library Building (\$250,000), for the beginning of a new plant for the College of Agriculture and Experiment Station (\$250,000), for a School of Pharmacy Building (\$100,000), and for teaching hospital (\$250,000), to be completed as soon as it is possible to obtain the necessary funds.

No action was taken in this matter.

EXHIBITS AT PANAMA-PACIFIC EXPOSITION.

(26) A statement of the arrangements that have been made for the various exhibits of the University at the Panama-Pacific Exposition, including:

1. An exhibit to be placed in the exhibit of the Bureau of Agriculture of the Federal Government.
2. An exhibit of the College of Agriculture in the Illinois exhibit under the care of the Illinois Commission.
3. An exhibit of the University Library in the exhibit of the American Library Association.
4. An exhibit of photographs in the exhibit of the United States Bureau of Education.
5. An exhibit of a model of the University grounds and buildings in the educational exhibit of the State of Illinois.

No action was taken concerning this statement.

DEDICATION OF ORGAN IN AUDITORIUM.

(27) A statement that the organ for the Auditorium had been finally placed in position and dedicated for use on December 3, 1914, with a concert by Prof. Charles Heinroth, of the Carnegie Institute at Pittsburg.

The organ seems to be satisfactory, although there are some difficulties in the way of its functioning, owing to the dampness of the air in the basement of the Auditorium. An effort is making to adjust this difficulty at the present time.

No action was taken in this matter.

APPROVAL OF MINUTES.

The Secretary presented the minutes of the meetings of November 14, 1914, and December 3, 1914. On motion of Mr. Hoyt, the minutes were approved as printed above on pages 136-154-155, inclusive.

APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented for record the following list of appointments made by President James to fill vacancies in positions provided for in the budget:

Briggs, Evelyn L., Stenographer in the Office of the Comptroller, at a salary of fifty-five dollars (\$55) a month, beginning November 1, 1914, subject to the rules of the Civil Service Commission. (November 28, 1914.)*

Carothers, H. C., Student Assistant in Anatomy in the College of Medicine, for the first semester of the academic year 1914-15, to give nine hours service a week, at a salary of seventy-five dollars (\$75) for the semester. (November 20, 1914.)

Dame, Louis, Student Assistant in Anatomy in the College of Medicine, for the first semester of the academic year 1914-15, to give six hours service a week, at a salary of fifty dollars (\$50) for the semester. (November 20, 1914.)

Hartwell, B. O., Student Assistant in Anatomy in the College of Medicine, for the first semester of the academic year 1914-15, to give nine hours service a week, at a salary of seventy-five dollars (\$75) for the semester. (November 20, 1914.)

Heacock, E. M., Assistant in Anatomy in the College of Medicine, for the first semester of the academic year 1914-15, to give nine hours service a week, at a salary of fifty dollars (\$50) for the semester. (November 20, 1914.)

Jones, Mabel, Temporary Cataloger in the Library, at a salary of sixty-five dollars (\$65) a month, beginning December 1, 1914, or as soon as she reports for

* The date in parenthesis is the date on which the appointment was made by the President of the University.

duty and continuing until further notice, subject to the rules of the Civil Service Commission. (December 7, 1914.)

Lewis, H. F., Private Research Fellow in Pharmaceutical Chemistry, with a stipend of five hundred dollars (\$500) for the current academic year, to be paid by Dr. J. H. Beal. (July 22, 1914.)

Lewis, Thurlow G., Clerk of the Practise Court of the College of Law for the current academic year, at a salary of one hundred dollars (\$100) for the year, payable in two installments, one at the end of each semester. (December 7, 1914.)

Little, Roger F., Lecturer on Elementary Law, for the second semester of 1914-15, with a remuneration of two hundred fifty dollars (\$250) for the semester. (December 2, 1914.)

McCoy, Henry J., Student Assistant in Chemistry in the College of Medicine, to give nine hours instruction and the time needed for preparation each week, at a remuneration of one hundred forty dollars (\$140) for the year, payable in two installments, one at the end of each semester. (December 7, 1914.)

Mills, Guy G., Instructor in Civil Engineering, beginning February 1, and continuing until June 15, 1915, at a salary of one hundred dollars (\$100) a month. (November 27, 1914.)

Steitz, Carmen F. H., Stenographer in the Water Survey, at a salary of sixty-five dollars (\$65) a month, beginning November 1, 1914, subject to the rules of the Civil Service Commission. (November 18, 1914.)

Stevens, Hulda, Assistant in Physical Training for Women, for five months beginning February 1, 1915, at a salary of eighty dollars (\$80) a month. (December 7, 1914.)

Welden, N., Student Assistant in Anatomy in the College of Medicine, for the first semester of the academic year 1914-15, to give six hours service a week, at a salary of fifty dollars (\$50) for the semester. (November 20, 1914.)

This report was received for record.

The board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.