PROCEEDINGS

OF THE

BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

FOR THE

YEAR ENDING AUG. 31, 1901

MEETING OF SEPT. 21, 1900.

The Board of Trustees of the University of Illinois met at the Sherman House, Chicago, Ill., at 1:30 o'clock p. m., Friday, Sept. 21, 1900.

The members present were Messrs. Bayliss, Bullard, Hatch, Mc-Kay, McLean and Smith, and Mrs. Flower, Mrs. Carriel and Mrs. Abbott; those absent were Governor Tanner and Messrs. Fulkerson and Nightingale. President Draper was present.

The secretary presented the minutes of the meeting of June 12, 1900. The minutes were approved as presented, but the secretary was instructed to change the third line from the end of paragraph number two in the rule regarding "Leave of Absence" (see page 382) by striking out the word "same" before the word "salary" and inserting after the word "salary" the words, "of his grade."

PURCHASE OF WEST DIVISION HIGH SCHOOL PROPERTY FOR COLLEGE OF MEDICINE.

Dr. Quine and Dr. Steele of the College of Medicine were then heard with regard to a proposed purchase of the West Division High School property in Chicago for the use of the College of Medicine.

The subject was referred to a special committee, consisting of Mrs. Flower and Messrs. Bullard and Smith, together with the president of the board, Mr. McLean, and the committee was instructed to report at the December meeting of the board, or earlier, if in its judgment further consideration of the matter by the board should not be so long deferred.

COMMUNICATIONS FROM PRESIDENT DRAPER.

CHAMPAIGN, ILL., Sept. 21, 1900.

Io the Board of Irustees:

1. Pursuant to authority given at the June meeting of the board, I have made appointments of the following instructors and assistants for work in the University, and report the same for your information and approval:

Mr. Fred Conrad Koch, Instructor in Chemistry, at \$80.00 per month, for ten months.

Mr. Ira Harris Derby, Instructor in Chemistry, at \$75.00 per month, for ten months.

Mr. Otokar Ludwig Prohaska, Assistant in Chemistry, at \$50.00 per month, for ten months.

Mr. William Maurice Dehn, Assistant in Chemistry, at \$50.00 per month, for ten months.

Mr. Albert Leroy Marsh, Assistant upon the State Water Survey, at \$50.00 per month for 12 months.

Mr. Nathan Austin Weston, Instructor in Economics, at \$80.00 per month, for ten months.

Mr. Hugh Joseph Graham, Assistant in Rhetoric, part time, at \$40.00 per month, for ten months.

Mr. Lewis Archibald Robinson, Assistant in Mathematics in the Preparatory School, at \$40.00 per month, for ten months.

Mr. Roy H. Slocum, Assistant in Theoretical and Applied Mechanics, at \$50.00 per month, for ten months.

Mr. Arthur R. Johnston, Assist in Chemistry, part time, at \$20.00 per month, for ten months.

These appointees have all begun work. It is quite possible that two or three additional instructors or assistants may be required. If so, they will be arranged for as is practicable.

No appointment of an instructor upon the violin has been made, because of the difficulties we have heretofore experienced in that department, and because of the scarcity of competent persons.

The appointments reported by the president were approved at the salaries and for the terms named.

2. At the desire of the school of music, I recommend that the following rule be adopted: "All students in music at the University shall be required to pay an additional tee of \$1.50 each semester, which fee shall entitle such students to one ticket each for all concerts in the concert course of the Choral Society of the University, and students paying this fee shall pay no fee for work in the chorus."

The recommendation was referred to the Committee on Students' Welfare.

3. I recommend the appropriation of \$500.00 to Judge O. A. Harker for expenses and services as lecturer, and organizer and presiding judge of the most courts in the College of Law for the last University year; and also the same sum for the coming year, to be paid at the end thereof.

An appropriation of \$500.00 was made to pay Judge Harker for services rendered last year. The consideration of his further employment to have charge of the moot courts of the College of Law and of the employment of lecturers in that College was referred to the Committee on Instruction for report at the next meeting of the Board. 4. I recommend the appropriation of \$200.00 for equipment in the physilogical laboratory. Professor Kemp's work is proving to be of a very high order, and he has come to be an important factor in the science work of the University. He has been exceedingly patient in the matter of equipment in his laboratory. He feels, as does Dean Forbes, and myself, that a reasonable addition to his equipment, can no longer be delayed.

The appropriation was made.

5. I recommend the appropriation of \$100.00 for the equipment in the department of botany; and also the sums of \$100.00 to the same department to cover ordinary expenses. The latter was in some way inadvertantly omitted from my recommendations at the June meeting.

The appropriations were made.

6. I recommend the approval of the following changes among the officers and employés of the College of Medicine, as recommended by the executive faculty of that College:

That Mr. W. H. Brown be appointed superintendent at the rate of \$125.00 per month from September 1st, in place of Mr. N. M. Verry, resigned.

That Mr. B. F. Jenkins be appointed superintendent of the dispensary at \$40.00 per month in place of Doctor C. C. O'Byrne, resigned; this appointment to take effect the first of August.

That the officers of the College be authorized to employ one nurse for surgical clinics at \$30.00 per month; and one nurse for surgical clinics, half time, at \$15.00 per month.

That Doctor M. M. Babcock be paid at the rate of \$25.00 per month including board and room, as assistant to Doctor Rachelle Yarros, in the department of obstetrics.

That Miss Rowlands be appointed dispensary nurse at \$40.00 a month.

The recommendations of the foregoing paper were adopted.

7. At the June meeting of the Board, I was requested to ask Capt. D. H. Clark to remain as military professor at the previous terms, and, if he declined, to secure the detail of an officer from the regular army as professor of military science. Capt. Clark having declined, 1 accorgingly communicated with the Secretary of War and inquired whether it would be practicable for the department to detail an officer from active service to such a position. I was advised that it would not be, and thereupon requested the Secretary to suggest to me the names of suitable officers who were upon the retired list. This he did, and the result was an interview with Major Edmund G. Fechét, at which was arranged that a detail should be applied for. This was done, and the application was granted and Major Fechét has already entered upon his duties. His service is to be at no expense to the University.

I may add that this officer has been in the service of the United States 40 years, having entered at the beginning of the Civil War, and at the close thereof having been transferred to the regular army. He was retired in 1898. His military service seems to have been a distinguished one, and his experience has certainly been large.

This statement is made for your information, and no action thereupon seems necessary.

No action was deemed necessary on this statement.

§ 8. I recommend that the Committee on Buildings and Grounds be directed to investigate whether some more efficient plan for police and fire protection at the University can not be devised; and, if it seem practicable to do so, that the committee report the details of such plan.

The recommendation was adopted.

9. The University is seriously embarrassed by the loss of the building which was destroyed by fire in June. The best arrangements which we are able to make in order to relieve the embarrassment are altogether inadequate. A considerable part of the instruction and laboratory work in the College of Engineering will have to be omitted for the year, and the want of a gymnasium seriously interferes with both physical training and military work.

In my judgment, a committee should at once take up the question of what we are to do concerning University needs in connection with the approaching session of the General Assembly.

I recommend that such committee be appointed, with instructions to consider thoroughly the whole subject and report thereupon at the next meeting of the board.

The recommendation was adopted and President McLean appointed Messrs. Bullard, Bayliss, and Smith as such committee.

10. The attendance at the summer term this year was 115 as against 148 last year. It is the common remark that the students were more substantial in character, and better prepared, than those of last year. The work seems to have been prosecuted to the general satisfaction of all concerned.

The appropriation for this work by the Board of Trustees was \$2,000.00. The term fees amounted to \$700.00. The payments for instruction amounted to \$2,700.00. The advertising was charged to the advertising account, and probably amounted to \$500.00, so the University was really out of pocket about \$2,500.00 by reason of the maintenance of the summer's work.

The question ought to be settled now, or at least very soon, whether we shall continue this venture as a permanent feature of our University work. 1 do not think we ought to attempt to do this without materially enlarging the scope of the work and strengthening the instruction. The attendance can undoubtedly be enlarged by this process.

It is not difficult to see why the attendance fell off this year as against last year. It was because we were unable to add to the offerings, and because the normal schools and other prominent institutions opened summer terms. We can easily recover this loss and considerably enlarge the attendance by enlarging our offerings and making the announcements earlier. There is, at least, some satisfaction in having felt the ground under our feet and gained some confidence as to what we can certainly do.

I think all will agree with me that we should either give up this enterprise, or enlarge it. On the whole, I am in favor of going on with it, and strengthening it. We need to procure a few workers from outside, and to cater specially to students, and to teachers; and we need also to organize a more complete system for managing and energizing the whole undertaking. This can easily enough be done if we can have the money with which to do it.

It is quite possible that we can procure a special appropriation for the purpose of meeting the expenses of this work, but we cannot wait until we know the result of an application for such appropriation before we decide what we shall do and begin to make our announcements.

I am in favor of deciding now that we will put at least \$5,000.00 into the work of the Summer Term for 1901, and that the maintenance of a summer term shall become a permanent part of University policy, and I so recommend.

This recommendation was adopted and the appropriation was made.

11. I present herewith the estimates of the Dean of the College of Agriculture and Director of the Agricultural Experiment Station for the next quarter, and recommend that they be approved, and appropriations made therefor as follows:

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FOR COLLEGE.	FOR EXPERIMENT STATION.
General- \$1,000 00 Agronomy	Estimates for quarter ending Dec. 31, 1900. From general fund— \$1,650 00 Publications 1,200 00 Agronomy 600 00 Animal industry 200 00 Dairy husbandry 100 00 Horticulture 500 00 Office and incidentals 200 00
From surplus of last year— For furniture and apparatus 1,000 00	Total
From special appropriation— For building of silos	Equipment of agricultural build- ing 900 00

Appropriations were made in accordance with the estimates of the foregoing papers.

12. The annual national convention of Agricultural Colleges and Experiment Stations will be held at New Haven, Connecticut, in November. We are entitled to one delegate representing the College, and one representing the Experiment Station. It seems to me that we should be represented in important meetings whenever practicable, and I think this one exceedingly important. I should like it if both the agricultural and mechanical sides of our work could be represented. It is usual for the agricultual and mechanical colleges, as well as the experiment stations of the State universities to be represented at this meeting, and it is coming to be more common to see that representatives attend from the mechanical departments as well as from the agricultural.

I suggest that you authorize such representation, and authorize me to make suitable arrangements about it.

It was voted that President McLean be appointed a delegate from the University to the convention named above and that President Draper appoint one or two other delegates-

13. The registration at the opening of the University is large beyond all precedent. Up to last night, considerably more than 600 new students had been registered at the seat of the University. I suppose the new students in the College of Medicine, and the School of Pharmacy, will reach quite 300. The growth is very evenly distributed throughout nearly all of the departments, and practically all of the departments are overruning. Many of them are crowded beyond their capacity for instruction. It is apparently imperative that three or four additional instructors be employed, and I ask your authority to arrange for them.

As an item of interest, and to the end that a suitable record may be made, I advise you that the attendance of freshmen and sophomore students in the military department will apparently reach 500, and that it has been determined to make a regimental organization. This will consist of two battalions, of three companies each. The whole will be commanded by a cadet lieutenantcolonel, and each of the battalions by a major. Application has been made to the War Department for additional arms and supplies.

A. S. DRAPER, President.

Authority was given to secure additional instructors as needed.

The presentation of these papers was interrupted by a hearing given to Captain D. H. Clark.

After the hearing Mr. Smith offered the following resolution which was adopted:

Whereas, Captain D. H. Clark of the United States army, was employed by the University of Illinois, as Professor of Military Science and Tactics for the ten months beginning September 1, 1899, and

Whereas, Said Captain Clark discharged the duties of such professorship to the full satisfaction of the Board of Trustees of said University, for said term, and

Whereas, Said Captain Clark is unwilling to remain in the service of said University at such salary as the said Board is willing to pay,

Therefore, Resolved by the Board of Trustees of said University that it consents to the retirement of said Captain Clark from such service with regret.

Mr. Smith moved that the University pay Captain Clark \$360.00 to cover the amount of commutations regularly received by a captain in active service but not received by him while detailed for service at the University.

Mr. Bayliss moved as a substitute to refer the whole question as to what, if anything, should be paid Captain Clark to the Committee on Finance, with instructions to report at the next regular meeting of the Board.

Mr. McKay moved to amend to the effect that the Board order the payment of \$539.75 to Captain Clark, the sum to be receipted for by him in full of all demands against the University.

On this amendment the roll was called and the amendment was lost by the following vote: Yeas—Mr. McKay, Mrs. Carriel and Mrs. Abbott; nays—Messrs. Bayliss, Bullard, McLean, Smith and Mrs. Flower; absent—Governor Tanner and Messrs. Fulkerson, Hatch and Nightingale.

The substitute was then adopted.

On motion of Mr. Smith \$100.00 was appropriated for the benefit of the Athletic Association.

The Secretary then presented the Treasurer's report which had already been examined by the Finance Committee:

TREASURER'S REPORT.

Е.	G.	Кеітн,	TREASURER,	IN	ACCOUNT	WITH	THE	UNIVERSITY	OF	ILLINOIS,

JUNE 30, 1900.

1000		Dr.		
1900 March		Balance		\$ 94,681 62
April	5	Received from U. S. Treasurer for Agricultural Experiment fund	\$ 3.750 00	
	16	Received from S. W. Shattuck, for credit School of Pharmacy fund	485 65	
	16	Received from S. W. Shattuck, for credit School of		
	25	Medicine fund Received from S. W. Shattuck, paid warrants for	3,887 00	
May	5	credit of general fund Received from S. W. Shattuck, for credit of School of	3,055 87	
		Medicine fund Received from S. W. Shattuck, for credit of School of	4,659 05	
		Pharmacy fund	444 92	
		credit of general fund	3,000 00	
	21	Received from treasurer College of Physicians and Surgeons, for credit College of Medicine fund Received from Treasurer State of Illinois, for credit	8,000 00	
		of general fund	89,600 00	
	31	Received from S. W. Shattuck, paid warrants for credit of general fund	2, 191 44	
				119,073 93
		~		\$213,755 55
1900		Cr.		
June	30	By amount paid out of general fund as per list of war- rants herewith	\$88,368 52	
	30	By amount paid out of Agricultural Experiment Sta-	3,942 09	
	30	tion fund as per list of warrants herewith By amount paid out of School of Medicine fund as per		
	30	By amount paid out of College of Medicine fund as	44,206 83	
		per list of warrants herewith By amount paid out of School of Pharmacy fund as	1,105 67	
		by amount paid out of Laboratory of Natural History	3,250 82	
	ου	fund as per list of warrants herewith	176 05	
		Balances-		\$141,049 98
		General fund School of Medicine fund	\$64,796 08 359 88	
		Laboratory of Natural History fund	474 80	
		Agricultural Experiment Station fund College of Medicine fund	2,444 71 6,894 33	
i			\$74,969 80	
		School of Pharmacy fund (overdraft)	2,264 23	\$72,705 57
			. —	
		· ·		\$213,755 55
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Respectfully submitted,

E. G. KEITH, Treasurer.

The Finance Committee made the following report:

UNIVERSITY OF ILLINOIS, Sept. 11, 1900.

To the Board of Irustees of the University of Illinois:

Your Finance Committee begs leave to report that it has examined the vouchers submitted by the Business Manager for the quarter ending June 30, 1900, on which warrants have been issued as follows:

Nos. 2,551 to 3,450, inclusive, general University, \$88,817.48; Nos. 1 to 8, inclusive, Illinois State Laboratory of Natural History, \$2,626.03; Nos. 243 to 392, inclusive, Agricultural Experiment Station, \$5,509.83; Nos. 111 to 139, inclusive, School of Pharmacy, \$2,680.29; Nos. 511 to 657, inclusive, School

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of Medicine, \$41,906.20; Nos. 1 to 87, College of Medicine, \$2,737.83. Total for the three months to June 30, 1900, \$141,917.66.

We have found that the above vouchers are in due form and are properly receipted, except the following vouchers not presented at this time, which have been reported missing:

General University-No. 3,176, Commercial Electric Co., \$14.50; No. 3,217, Garlock Packing Co., \$30.82; No. 3,441, Bausch & Lomb Optical Co., \$198.72.

Agricultural Experiment Station—No. 303, W. H. Conn. \$10.00; No. 304, Fred A. Claypoole, \$8.37; No. 306, Guy Roberts, \$19.00; No. 342, H. M. Baker, oats, \$9.00; No. 361, H. M. Baker, oats, \$3.60.

School of Medicine-No. 515, W. M. Newman, \$50.00: No. 514, J. M. Meyers, \$50.00; No. 541, E. J. Clemons, \$25.00; No. 544, H. H. Sherwood, \$25.00; No. 639, DePauw Palladium, \$6.00; No. 647, The Student, \$4.50.

College of Medicine-No, 27, College Cosmus, \$3.00; No. 37, College Current Co., \$10.00; No. 48, The Ranger, \$9.00.

The financial report, together with vouchers of the Illinois State Laboratory of National History for the quarter ending March 31, 1900, have also been examined and found correct.

The Treasurer's reports for the quarter ending March 31, 1900, showing a balance of cash on hand, \$94,681.62, and for the quarter ending June 30, 1900, showing a balance of cash on hand, \$72,705.57, have also been examined and found correct.

Respectfully submitted.

F. M. MCKAY,

THOS. J. SMITH,

Finance Committee.

STATE LABORATORY OF NATURAL HISTORY.

The vouchers for the expenditures for the State Laboratory of Natural History for the quarter ending June 30, 1900, were presented by the Secretary and referred to the Finance Committee.

The Secretary also presented the Report of the director of the State Laboratory, Prof. Forbes, for the two-years ending Aug. 21, 1900.

URBANA, ILL., Sept. 20, 1900.

Io the Board of Irustees of the University of Illinois.

The work of the State Laboratory of Natural History during the past two years has consisted, as heretofore, essentially of a continuation of the natural history survey of the State. The field work has been conducted mainly from the Biological Station as a center, and has been limited to the aquatic zoölogy and botany of the State. Work was resumed last year upon a systematic and thoroughgoing study of the fishes of the State, carried on by methods in some respects new and peculiar. This ichthyological work is all directed to-wards the conclusion of an elaborate report upon the fishes of the State which I have for some years had in hand, and a considerable part of the manuscript for which is already prepared.

Mr. Wallace Craig occupied the Biological Station for nearly one year, mainly engaged on a study of the local distribution of the different species of fish in the Station field, their movements, their habits, and their relations generally. For this work I had a large number of stationary nets prepared, of uniform size and character. These were placed in different situations and visited at regular intervals, the catch being in each case examined as to species and number of specimens of each. Seines of various sorts were used at the same time in connection with these stationary nets, a series of operations being carried on throughout the year, part of the time, of course, under the ice. The whole product of the work has been tabulated and studied with a ice. view to arriving at general results. A paper on this subject will presently be ready for the press.

With the removal of the Station equipment to Meredosia in April, 1899, similar work was undertaken there and has been carried on since that time with certain interruptions for work outside the Station field. Extensive trips have been made by a wagon party equipped for aquatic work of streams, under the charge of Mr. Thomas Large, ichthyologist of the State Laboratory. One such party is now in the field in the western and southern part of the State. A large number of collections have also been made by high school principals and science teachers in various parts of the State and sent to the State Laboratory in aid of this ichthyological survey. Sets of collecting apparatus and materials for the preservation of fishes were prepared at the Laboratory and offered for use, by correspondence, to those whom we thought likely to be interested and helpful in this work, with the inducement of a named series of the specimens collected to be returned to the local public school. This proposition has been enthusiastically accepted, and the plan has worked admirably in every way.

A beginning in the preparation of illustrations for the ichthyological report was made this summer, Miss Hart, the artist of the State Laboratory, spending a considerable part of the season at Meredosia, where the aquarium was established with a continuous flow of water to keep fishes alive, and from these colored drawings were made under the constant supervision of Mr. Large, accurate in technical detail, and true to life in color and general appearance. A reproduction of these exquisite drawings by a method in keeping with their quality will call for a special appropriation of some thousands of dollars, but will give us a more finished series of plates of American freshwater fishes than has yet been published. It is my purpose to illustrate every species by such a plate, with black and white figures additional to exhibit technical characters.

The so-called plankton work of the survey has also been steadily proseeuted under the immediate direction of Dr. Kofoid. Upon his appointment last August to the department of zoölogy in the University of California, I secured for him a leave of absence until January I, to enable him to complete an analysis, tabulation, and discussion of the results of this work, accumulated during the last five years, and to prepare manuscript for publication. This is by far the largest and most valuable body of work on the minute plant and animal life of a river system which has ever been brought together, and the publication of this paper will contribute in a very notable way to the progress of knowledge in this department.

Work on aquatic insects has been more or less systematically pursued by Mr. Hart, and a paper jointly prepared by himself, Mr. C. C. Adams, formerly a laboratory assistant, and Prof. J. G. Needham, now of Lake Forest University, is in my hands for publication.

As several years have elapsed since the last distribution of natural history specimens to public schools, during which many thousand of named duplicates have been accumulated, I began last winter preparations for another distribution of surplus material, and sent to 20 schools a first installment of such collections. This installment consisted of marine and fresh-water specimens in alcohol and formalin, the marine material being that derived from the Exposition aquarium at the close of the Columbian Exposition, and the fresh-water specimens being accumulated in the course of our regular work. Several months' work of one assistant was devoted to this distribution and preparations for a much larger distribution of insects and other dried specimens. This work will be finished during the present winter.

The publications of the State Laboratory during the last two years comprise nine bulletin articles, containing 238 pages and illustrated by six plates. These articlee are purely technical, valuable to students of their subjects, but of comparatively little immediate educational utility. The ichthyological report on the other hand, will be prepared with a view to presenting an exhaustive statement of our knowledge concerning the species of fishes of the State from the standpoint of the ichthyologist, but also all the facts and inferences concerning our native fishes of interest to the fisherman, the science teacher, the amateur student, and the ordinary intelligent citizen.

The rapidly growing interest in nature study, and the urgent and increasing call for materials available to the science teacher lead me to believe that the State Laboratory may do education a service at this time by giving its periodical publications a different form and direction. While brief technical papers should undoubtedly be published from time to time as new results of merely scientific value are obtained, I intend that our principal bulletin articles shall be prepared with the needs of the science teacher and the advanced science student especially in mind. A considerable demand has, in fact, already sprung up for such bulletin articles as we now publish, college professors especially seeking for them eagerly as a means to a knowledge of the zoölogy and botany of their immediate neighborhoods.

Increased activity in publication has enabled us in the last two years to establish a larger and much more valuable system of exchange than heretofore, especially with European scientific societies and institutions. We are now receiving in exchange for our State Laboratory bulletin 181 periodical scientific publications, of which 59 are American, 28 are British, or British colonial, 26 are German, 16 are French, 12 Italian, and the remaining 40 are Russian, Swedish, Norwegian, Danish, Dutch, Hungarian, Portuguese, Egyptian, South American and Japanese.

Dr. C. A. Kofoid has tendered to me his resignation of his position as assistant in the State Laboratory of Natural History, a position which, in his case, involved the superintendency of the Biological Station, and the nominal rank of an assistant professor of zoölogy in the University. This resignation is in consequence of an appointment received by him as assistant professor of zoölogy in the University of California. With the leave until January 1st, kindly granted to him on our behalf by the University of California, I can to advantage dispense with a Station superintendent for the remainder of the present appropriations period, and I recommend that his resignation be accepted, and that for the present no appointment be made to the vacancy thus created. His withdrawal from active Station work has necessitated some redistribution of service among the remaining members of the Laboratory staff; and I have to report for your approval the following list of assignments and salaries for the fiscal year now current: Thomas Large, Ichthyological assistant, at \$85 a month; H. C. Forbes, Business Agent and Librarian, at \$100 a month, and Mary J. Snyder, Secretary, and Lydia M. Hart, Artist, on the same terms as last year.

I assume that the foregoing brief statement will serve the purpose of the Board as a guide to such action as I may have from time to time to request of them, but, according to my usual custom, I have undertaken the preparation of a more detailed and comprehensive report and discussion of our operations for general circulation, and I have to request, as heretofore, the privilege of substituting such a comprehensive paper for the present preliminary report in the transactions of the Board of Trustees. A special edition of this biennial report, as you will remember, I am accustomed to print in pamphlet form for general distribution to those likely to be interested in our work.

Respectfully submitted,

S. A. FORBES, Director.

The Committee on Students' Welfare presented the following report which was approved:

CHICAGO, Sept. 21, 1900.

Io the Board of Trustees of the University of Illinois:

Your Committee on Students' Welfare begs leave to report that it is desirable that milk should be furnished by the University Dairy for use at the Dining Hall in pint and half-pint bottles, to be brought to the tables and lunch counter with seals unbroken, and that the same be sold at the lunch counter for three cents per half-pint and five cents a pint. The Committee also directs that a dietary list be hung on the north wall of the Dining Hall.

Respectfully submitted,

MARY T. CARRIEL, LUCY L. FLOWER, THOS. J. SMITH, Committee on Students' Welfare.

The Committee on Agriculture presented the following report which was approved and appropriations were made as therein recommended:

CHICAGO, Sept. 21, 1900.

Io the Board of Irustees of the University of Illinois:

The Committee on Agriculture begs leave to recommend that, as the balance of last year's agricultural fund was, July 1st, as follows: United States fund, \$3,536.17; endowment fund, \$617.88; farm fund, \$1,916.74; total, \$6,070.79; and, as \$5,000.00 of this was appropriated at the last meeting, the balance \$1,070.79 be appropriated for the purchase of apparatus, refrigerating plant, etc., for the agricultural building.

The balance of Experiment Station funds, July 1st, was \$663.46, of which \$97.21 has been expended during the current quarter, leaving \$566.25. There will come to the Experiment Station from the State Board of Agriculture for analysis of fertilizers the sum of \$350, which together with the balance makes \$916.25. Your Committee recommends that this amount be appropriated for equipment of the College of Agriculture, and in addition thereto any balance which may exist at the end of the present quarter.

It is estimated that the income of the College of Agriculture the present year will be as follows: U. S. \$12,500.00; interest on endowment fund, \$13,500.00; farm fund, \$3,000.00. Total, \$29,000.00. Of this amount there will be required for salaries \$13,608.00, leaving for maintenance \$15,320.00. Of this last amount there has been appropriated for the current quarter \$3,900.00. Your Committee recommends that the salaries for instructors in domestic science be paid from farm receipts.

Your Committee further recommends that the silos recently constructed be paid for from the special appropriation of \$2,000.00, and that for this purpose \$400.00, or so much thereof as may be needed, be appropriated.

Your Committee also recommends that the cattle barn and the house occupied by Professor Davenport be wired for electric lighting and that \$200.00 from the same fund be appropriated for this purpose.

The Committee also recommends that an appropriation of \$600.00 be made to supply steam heat for the agricultural building, the money to be paid from balances not otherwise appropriated. Respectfully submitted,

ALICE ASBURY ABBOTT, MARY T. CARRIEL, THOMAS J. SMITH,

Committee on Agriculture.

The Committee on Buildings and Grounds presented the following report which was approved:

CHICAGO, Sept. 21, 1900.

Io the Board of Irustees of the University of Illinois:

Your Committee on Buildings and Grounds to which was referred a petition of the Mayor, Board of Local Improvement and certain property owners of the city of Champaign, to the effect that the University aid in opening a street on the south side of the city limits of Champaign from Wright street west to Fourth street, begs leave to report that in the opinion of your Committee the benefits of the said streets would be enjoyed by the said property owners, and that, as they have the means within themselves to open the street, there is no occasion for the University to give land for one-half of said street, as the petitioners request.

We look upon it as true that the University authorities are in sympathy with the spirit of improvement exhibited in both the cities of Champaign and Urbana, and that it will aid important improvements where its aid is necessary to the success of the undertaking, and where there is a compensating benefit to the University, either directly or indirectly. For the reasons above stated we recommend that the Board of Trustees do not comply with the request of the petitioners, and that the Secretary of the Board notify the petitioners of the action of this Board in regard thereto. Respectfully submitted,

> S. A. BULLARD, THOS. J. SMITH, MARY T. CARRIEL, LUCY L. FLOWER, Committee on Buildings and Grounds.

COAL CONTRACT.

The Committee on Buildings and Grounds made the following report of its action with regard to contracting for coal for the ensuing year:

CHICAGO, Sept. 21, 1900.

To the Board of Trustees of the University of Illinois.

Your Committee on Buildings and Grounds to which was referred the purchase of coal for the year ending Aug. 31, 1901, begs leave to report as follows:

Your Committee decided to call for approximately 6,000 tons of pea coal to be delivered during the year, and early in July caused the following call for bids to be published for ten days in the two daily papers of Champaign and the one of Urbana. In addition thereto your Committee sent type-written copies of the same call to 34 firms and companies which supply our mine coal in this State—all at the time known to your Committee.

PROPOSALS FOR COAL.

The Committee on Buildings and Grounds of the University of Illinois will receive, till 10:00 o'clock a. m., July 17, 1900, sealed proposals for 6,000 tons, more or less, of best Illinois coal to be delivered f. o. b. cars at Urbana, or Champaign, Ill., for the University of Illinois. The coal will be of size known as pea coal and will pass through a 1^{1}_{2} inch screen and over a ${}^{3}_{8}$ screen.

The coal will be delivered with regularity between Sept. 1, 1900, and Aug. 31, 1901, as needed by the University for heating, lighting and power purposes. Bids for smaller amounts than the whole will be preferred so that at least two contracts may be made.

Quality and price will be considered in awarding the contracts.

A bond or other satisfactory guarnty will be required for the fulfillment of the contract, subject to conditions over which the contractor has no control.

The right is reserved to reject any and all proposals.

Proposals will be addressed to W. L. Pillsbury, Secretary, Urbana, Ill.

S. A. BULLARD,

SPRINGFIELD, ILL., July 15, 1900.

0. A. D

Chairman.

Your Committee on July 17, the day set for opening bids, received proposals from seven parties for a full or partial supply of coal.

After a consideration of the proposals the contract was awarded to the Riverton Coal Co., of Chicago, for \$1.20 per ton, to be delivered in Champaign, f. o. b. cars.

Your Committee caused the following report to be sent to all parties who had sent in proposals for coal:

SPRINGFIELD, ILL., Aug. 3, 1900.

The Committee on Buildings and Grounds of the University of Illinois, desire to make a statement to those who submitted proposals for coal.

The Committee takes this occasion to thank those who submitted proposals and desires to assure all that it has been the endeavor of the committee to give to each a fair and open opportunity to bid, and due and fair consideration of the proposals submitted. The committee, on July 17, received the following sealed proposals, which were opened and considered in a meeting of the committee the same day at the University:

O'Gara, King & Co., Chicago, best quality Centralia nut\$1 36 per ton O'Gara, King & Co., Chicago, best quality Centralia pea 1 21 per ton E. E. Fleming, Springfield, Riv- erton coal as specified 1 25 per ton	J. A. Reeves, Champaign, 3,000 tons best pea from mines, nine miles east of Carterville, Ill\$1 90 per ton 3,000 tons best pea from mines of St. Louis and Big Muddy Coal Co., Hurricane mines, near Carterville
Riverton Coal Co., Chicago,	Sunnyside Coal Co., Chicago,
coal as specified from River-	steam nut from mines near
ton mines	Carterville

After consideration of the proposals it was voted by the committee to award the contract to the Riverton Coal Co., Chicago, on their giving bond and entering into contract.

Respectfully submitted,

S. A. BULLARD, Chairman.

The committee entered into a contract with the Riverton Coal Co. after the company had filed a bond for \$2,000 for the faithful performance of their part of the contract. Both a copy of the contract and the bond have been filed in the office of the secretary of this board. We submit a copy of the contract herewith and desire to have it printed as a part of this report.

CONTRACT MADE FOR COAL IN DUPLICATE.

It is hereby agreed by and between the Riverton Coal Co., of Chicago, Ill., and the University of Illinois, located at Urbana, Ill., that:

(1) The said Riverton Coal Company shall furnish to the University six thousand (6,000) tons, more or less, as the said University of Illinois may elect, of best quality of pea coal from the mines of Riverton, Illinois, the said pea coal to be of such sized pieces as to pass over a 3-8 inch screen and through a I_2 inch screen in the ordinary process of separating lump from screened coals at the mines.

(2) The coal shall be delivered on the Wabash railroad tracks at Champaign, Ill., between the dates of this instrument and Aug. 31, 1901, in such amounts and at such times as may be required for use by the said University of Illinois as per instructions from said University.

(3) It is understood and agreed that if the said Riverton Coal Co. fails to furnish coal of quality and quantity stated as needed for use in the heating, lighting, and power plant of the said University of Illinois, then the said Riverton Coal Co. shall pay the difference between the cost of the fuel, which the University of Illinois may buy and the contract price stated herein as and for liquidated damages.

In order to make less probable a dearth of coal at the University, both parties hereto shall endeavor to keep constantly in the coal bins of the University heating plant and in bunkers near the railroad tracks at least two weeks' supply of coal for the heating plant of the said University.

(4) It is understood and agreed that the shipments under this contract shall be subject to strikes, blockades, shortage of cars, and other causes beyond the control of the said Riverton Coal Company; but the said Riverton Coal Company shall make every possible endeavor to avoid loss to the University by any of the above causes. (5) The University of Illinois shall pay for the coal at the price of \$1.20 per net ton delivered at Champaign, railroad weights to govern in all settlements.

The said University will pay the freight on coal as received and deduct the amount from the bill for coal at each monthly settlement.

Payments for coal delivered each month will be made by the 20th day of the following month.

Dated this 6th day of August, 1900.

RIVERTON COAL COMPANY,

By J. A. Agee, Vice President and General Manager. UNIVERSITY OF ILLINOIS,

Per S. A. Bullard, Chairman Committee on Buildings and Grounds. Respectfully submitted,

> S. A. BULLARD, T. J. SMITH, MARY T. CARRIEL, LUCY L. FLOWER,

Committee on Buildings and Grounds.

On motion of Mrs. Abbott it was voted to appoint a committee to consider measures looking to the appointment of a member of the Faculty of the University to the position of State Geologist, in order that the University may be authorized to undertake an economical survey of the State, thus doing work for which it is qualified and which will be of inestimable value to the citizens and taxpayers of the State.

The business manager then made the following report, which was received. The report had already been examined by the Finance Committee. See p. 7.)

BUSINESS MANAGER'S REPORT.

UNIVERSITY OF ILLINOIS, Sept. 11, 1900.

Alexander McLean, President Board of Irustees, University of Illinois: SIR: I have the honor to hand you herewith the following financial statements and papers:

Faper A is a statement of the current appropriations, June 30, 1900.

Paper B is a statement of the State appropriations, June 30, 1900.

Paper C is a statement of the United States fund. June 30, 1900.

Paper D is a statement of the Laboratory of Natural History appropriation, June 30, 1900.

Paper E is a statement of the Agricultural Experiment Station appropriation, June 30, 1900.

Paper F is a statement of the School of Pharmacy appropriations, June 30, 1900.

Paper G is a statement of the School of Medicine appropriations, May 1, 1900, and of the College of Medicine appropriations, from May 1, 1900, to June 30, 1900.

Paper H is an estimate of receipts and expenses for the twelve months ending June 30, 1901.

Paper I is a list of appropriations the Board is requested to make at this time for the three months ending Dec. 31, 1900.

Paper L is a report of receipts for the three months ending June 30, 1900.

June, 30, 1900.	Appropriated.	Expended.
Salaries for instruction State. U.S. Fund. Salaries for services { State. U.S. Fund. State. Buildings and grounds. Freel and lights Stationery and printing. Preparatory School Repair shop. College of Agriculture. Departments. Laboratories. Library and apparatus. Incidentals	$\begin{array}{c} 96, 556 \ 36\\ 20, 222 \ 61\\ 1, 683 \ 46\\ 17, 105 \ 44\\ 913 \ 03\\ 494 \ 28\\ 353 \ 46\\ 5, 000 \ 00\\ 3, 751 \ 00\\ 1, 224 \ 82\\ 1, 769 \ 55\\ 5, 501 \ 11\\ 77 \ 20\\ \end{array}$	$\begin{array}{c} \$ \ 6,786 \ 49 \\ 96,356 \ 36 \\ 20,222 \ 61 \\ 1,683 \ 46 \\ 17,105 \ 44 \\ 7913 \ 03 \\ 494 \ 28 \\ 353 \ 46 \\ 5,000 \ 03,751 \ 00 \\ 3,751 \ 00 \\ 3,751 \ 00 \\ 3,751 \ 00 \\ 1,224 \ 82 \\ 1,769 \ 51 \\ 1,501 \ 11 \\ 77 \ 20 \\ 1.548 \ 58 \end{array}$
Sundries. Closed out Blue print room. Boiler inspection. Commencement E. Snyder Department of Students' Aid. Furniture and fixtures. Greenhouse. Library School Minnesota lands. South farm High School Athletic Meet. President's expenses State Fair exhibit	$\begin{array}{r} 131 53 \\ 13 35 \\ 304 02 \\ 70 55 \\ 115 57 \\ 82 55 \\ 202 88 \\ 212 10 \end{array}$	$\begin{array}{c} 841 \ 96\\ 338 \ 84\\ 50 \ 00\\ 148 \ 20\\ 680 \ 00\\ 131 \ 53\\ 304 \ 02\\ 70 \ 55\\ 115 \ 57\\ 62 \ 52\\ 022 \ 88\\ 212 \ 10\\ 143 \ 60\\ 275 \ 47\end{array}$
	\$166, 398 01	\$166, 398 01

PAPER A-CURRENT APPROPRIATIONS.

PAPER B-STATE APPROPRIATIONS.						
1897-1899.	Received.	Expended.	Balance.	Assigne	,be	
Cabinets	\$2,000 00	\$2,000 00	<u></u>		<u> </u>	
Chemical Laboratory equipment	\$5,000 00	\$4,940 59	\$59 41	\$59	41	
Fire protection	\$2,000 00	\$2,000 00				
Library	\$20,000 00	\$20,000 00				
Taxes on Minnesota lands	\$3,600 00	\$3,464 85	\$135 15	\$135	15	
Apparatus and materials— Closed out. Astronomical Observatory. Botany and horticulture. Chemistry. Geology. Physiology. Zoölogy.	937 89 1,043 16 450 00	$\begin{array}{c} 1,255 02 \\ 854 58 \\ 1,017 08 \\ 405 84 \\ 1,100 00 \\ 277 84 \end{array}$	\$114 98 83 31 26 08 44 16 122 16	83 26 44 	31 08 16 16	
1899-1901. Engineering equipment— Architecture Civil engineering Mechanical engineering Physics Laboratory Electrical engineering Theoretical and applied mechanics and municipal and sanitary engineering College	3,000 00 1,500 00 3,000 00	512 92 2, 787 67 1, 315 37 2, 980 70 967 23 87 48	\$ 97 59 87 08 212 33 154 63 19 30 32 77 162 52 \$766 22	19	08 33 63 30 77 52	

1899-1901.		Rece	eived. I	Expended.
Salaries, etc.— Closed out Salaries for instruction Salaries for services Accredited schools. Advertising, postage, etc. Alumni Association. Art and design Board expenses Buildings and grounds. College of Literature and Arts. Furniture and fixtures Fuel and lights. Heating apparatus. College of Law Lectures Library supplies. Illinois Field Illini Coratorical contest. Preparatory School. Photographic equipment Physical training School of Music State Fair exhibit. Water supply. Overdraft.		4, 2, 3, 10, 2, 3, 10, 2, 1, 1, 1, 5, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	775 30 486 41 531 37 424 42 131 77 17 00 145 88 131 77 17 00 145 88 131 13 981 31 064 99 225 11 74 60 588 68 67 444 05 226 2000 00 102 03 122 200 120 70 477 61 151 83 000 00 934 98 870	
1809-1900.	Received	Expended.		Assigned
Taxes on Minnesota lands	\$2,000 00	\$1,575 30	\$424 30	\$2,000 0
Shop Practice	\$2,000 00	\$1,899 41	\$100 59	\$100 5
Cabinets	\$1,000 00	\$567 52	\$432 48	\$432 4
Fire protection	\$1,000 00	\$307 96	\$692 04	\$694 0
Pavements and walks	\$3,000 00	\$4,809 95	. <u></u>	<u></u>
Vaccine Laboratory	\$1.200 00	\$1,011 47	\$188 53	\$188 5
Water survey	\$3,000 00	\$1,302 35	\$1,697 65	\$1,697 6
Buildings and grounds, etc	\$5,000 00	\$5,000 00	<u></u>	
Drainage, fencing and barns	\$2,000 00	\$1,951 93	\$48 07	\$48 0
Agricultural Building	\$75,000 00	\$61,127 28	\$13,872 72	\$13,872 7
Water plant	\$10,000 00	\$1,257 08	\$8,742 02	\$8,742 0
Furnishing Electrical Building— Electrical engineering department Mechanical engineering department	\$500 00 500 00	\$436 64 331 64	\$ 63 36 168 36	\$ 63 3 168 3
	\$1,000 00	\$768 28	\$231 72	\$231 7
Electric wiring, etc	\$3,000 00	\$2,095 40	\$904 60	\$904 6
	1			
Endowment Fund interest— Agricultural College General	\$11,862 79 11,862 80	\$11,244 91 11,862 80	\$617 88	\$617 8

Paper B-State Appropriations-Concluded.

1900.]

1899-1900.	Received.	Expended.	Balance.	Assigned.
General Agricultural College	\$12,500 00 12,500 00	712,500 00 8,963 83	\$3,536 17	\$3.536 17
	\$25,000 00	\$21,463 83	\$3,536 17	\$3,536 17

PAPER C-UNITED STATES FUND.

PAPER D-LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended.	Balance.	Assigned.
General balance July 1. 1896 Closed out. Diseases of insects	\$ 253 66 8,400 00 1,500 00 \$10,153 08	8,400 00 1,499 30		
1897-1899.	Appro- priated.	Expended.	Balance.	Assigned.
Salaries and assistants. Field, office, and incidentals. Library. Bulletins Report of Entomologist. Biological Experiment Station	3,000 00 3.000 00 1,500 00	2,971 26 2,967 39 1,295 74 500 00 6,000 00	32 61 204 26	32 61 204 26

PAPER E-AGRICULTURAL EXPERIMENT STATION.

1899–1900.	Appropriated.	Expended.
General Fund- Salaries. Labor Publications. Postage and stationery. Freight and express. Heat. light and water Chemical supplies. Seeds. plants and sundries. Fertilizers Fortilizers Fools, implements and machinery. Furniture and fixtures. Scientific apparatus. Live stock Traveling expenses. Contingent expense. Buildings and repairs	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} \$6. 457 9\\ 2. 947 6\\ 1. 452 1\\ 247 6\\ 115 7\\ 120 0\\ 123 1\\ 574 8\\ 25\\ 561 5\\ 302 6\\ 241 8\\ 126 2\\ 357 3\\ 593 5\\ 189 6\\ 125 7\\ 349 9\\ \hline \end{array}$
Farm Fund— Labor Sundries	\$441 55 98 18	\$441 5 98 1
	\$539 73	\$539 7

[Sept. 21,

PAPER F-SCHOOL OF PHARMACY.

1899–1900.	Appropriated.	Expended.
Salaries for instruction Salaries for services Buildings and grounds Fuel and lights Stationery and printing Laboratories. Incidentals Advertising Furniture and fixtures.	875 00 2,553 16 496 89 145 78 869 50 291 75 573 83	$\begin{array}{c} $$5,306 & 00\\ $375 & 00\\ $2,553 & 16\\ $496 & 89\\ $145 & 78\\ $869 & 50\\ $291 & 75\\ $573 & 83\\ $15 & 66\\ \hline \\ $$10, 627 & 57\\ \end{array}$

PAPER G-SCHOOL OF MEDICINE.

July 31, 1899, to April 30, 1900.	Appropriated.	Expended.
Salaries for instruction	$\begin{array}{c} 6,873\ 82\\ 17,183\ 97\\ 2,627\ 31\\ 586\ 85\\ 3,362\ 31\\ 942\ 53\\ 28,380\ 97\\ 181\ 40\\ 6,117\ 34\\ 1,895\ 64\\ \end{array}$	$\begin{array}{c} \$ 5,928 31 \\ 6,873 82 \\ 11,183 97 \\ 2,627 31 \\ 556 85 \\ 3,362 31 \\ 942 53 \\ 28,380 97 \\ 181 40 \\ 6,117 34 \\ 1,895 64 \\ 2,393 73 \\ 295 23 \\ \hline \end{array}$

PAPER G-COLLEGE OF MEDICINE.

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April 30, 1900, to June 30, 1900.	Appropriated.	Expended.
Salaries for instruction Salaries for services. Buildings and grounds Fuel and lights. Stationery and printing Apparatus and materials. Incidentals Advertising Furniture and fixtures.	$\begin{array}{c} 1,095 57\\ 84 50\\ 163 38\\ 120 67\\ 336 96\\ 71 59\\ 207 50 \end{array}$	\$ 656 66 1,095 57 84 50 163 38 120 67 336 96 71 59 207 50 1 00 \$2,737 83

1900.

PAPER L-RECEIPTS BY THE		FOR THE THREE MONTHS ENDING
	JUNE 30, 1900.	

University fees	\$9,619 30	
Preparatory School fees	2,270 75	
Diploma fees		
Locker fees	314 95	
School of Pharmacy	975 86	
School of Medicine.	8,546 05	
College of Medicine	1.425 00	
Confege of medicine	1,425 00	
Agricultural College	951 94	
Agricultural Experiment Station	510 29	
Repair shop	76 93	
Repair shop Mechanical department	. 54 30	
Fuel and lights	141 60	
Chemical laboratory	1,040 54	
Electric laboratory	5 00	
Vaccine laboratory	26 95	
Laboratory of applied mechanics	9 00	
General engineering drawing		
Library Sabol		
Library School Edward Snyder fund, interest	13 45	
Edward Shyder fund, interest	35 48	
Incidentals	35 48	
Rent of farm house	150 00	
Rent of south farm	1,500 00	
Minnesota land contracts, interest	71 31	
Minnesota land contracts, principal	5,805 10	\$34,387 26

Paper M is a list of general University vouchers presented for audit, being 2,551 to 3,450, inclusive.

Paper N is a list of the Laboratory of Natural History vouchers presented for audit, being 1 to 8, inclusive.

Paper O is a list of the Agricultural Experiment Station vouchers pre-sented for audit, being 243 to 392, inclusive.

Paper P is a list of the School of Pharmacy vouchers presented for audit, being 111 to 139, inclusive.

Paper Q is a list of the School of Medicine vouchers presented for audit, being 511 to 657, inclusive, and a list of the College of Medicine vouchers presented for audit, being 1 to 87, inclusive.

The Board is requested to make appropriations in addition to those named in Paper I as follows:

Interest for six months on the Edward Snyder fund, \$237.50.

For expense in fitting up the University café, \$500.00.

Respectfully submitted, S. W. SHATTUCK,

Business Manager.

On motion of Mr. Smith appropriations were made as follows in accordance with the request of the Business Manager:

Board expenses Salaries for instruction. Salaries for services Buildings and grounds Fuel lights and electric power Stationery, printing, etc. Advertising and postage Repair shop. Agricultural department Departments Laboratories Library and apparatus. Incidentals Furniture and fixtures. Heating apparatus Water supply.	$\begin{array}{c} 40,000 & 00\\ 6,000 & 00\\ 1,000 & 00\\ 500 & 00\\ 500 & 00\\ 600 & 00\\ 3,000 & 00\\ 3,000 & 00\\ 1,000 & 00\\ 550 & 00\\ 550 & 00\\ 500 & 00\\ 500 & 00\\ 500 & 00\\ 500 & 00\\ \end{array}$	- -
Blue print room. Library School	200 00	\$59.500 00
School of Pharmacy College of Medicine Agricultural Experiment Station	\$ 6,000 00 20,000 00 4,500 00	30, 500 00
		\$90,000 00

APPROPRIATIONS FOR THE THREE MONTHS ENDING DEC. 31, 1900.

Also for interest on Edward Snyder fund, \$237.50; and for fittings in University café, \$500.00.

On motion of Mrs. Flower the Committee on Buildings and Grounds was instructed to ascertain the cause of the dampness in the west room in the basement of the Library Building, and to determine and report to the board what measures were necessary to prevent such dampness.

The following was sent to the Secretary by Mrs. Abbott under date of Sept. 22, with the statement that its presentation at the meeting of the board was overlooked:

The Committee on Pharmacy would recommend that Mr. G. W. Bennett, of Urbana, be elected to serve on the Advisory Board of the College of Pharmacy for the term ending June 30, 1905.

MARY T. CARRIEL, ALICE ASBURY ABBOTT.

The board adjourned. W. L. PILLSBURY, Secretary.

ALEXANDER MOLEAN, President.

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