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SECOND BIENNIAL REPORT

of the

IOWA STATE BOARD OF EDUCATION

to the

GOVERNOR

and the

THIRTY-FIFTH GENERAL ASSEMBLY

FOR THE BIENNIAL PERIOD ENDING
JUNE 30, 1912

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IOWA STATE BOARD OF EDUCATION

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Chas. R. Brenton.....Dallas Center
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TERM EXPIRES JULY 1, 1915.

James H. Trewin.....Cedar Rapids
Roger Leavitt.....Cedar Falls
Edw. P. Schoentgen.....Council Bluffs

TERM EXPIRES JULY 1, 1917.

A. B. Funk.....Spirit Lake
Geo. T. Baker.....Davenport
*H. M. Eicher.....Washington

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Faculty Committee—James H. Trewin, A. B. Funk, D. D. Murphy.
Building Committee—P. K. Holbrook, Edw. P. Schoentgen, Geo. T. Baker.
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* H. M. Eicher was appointed by the Governor to fill the vacancy caused by the resignation of Thos. D. Foster, and his appointment and term of office are subject to the approval of the Senate of the Thirty-fifth General Assembly.

LETTER OF TRANSMITTAL

DES MOINES, IOWA, SEPTEMBER 25, 1912.

To His Excellency, B. F. Carroll, Governor of Iowa.

Sir: In accordance with section Nineteen of Chapter One Hundred and Seventy of the Acts of the Thirty-third General Assembly, I herewith transmit to you a report of the observations and conclusions of the Iowa State Board of Education respecting each of the institutions under its control, including also its report to the Legislature. This report contains also the reports of the executive officers of the several institutions under the control of the Board.

Very respectfully,

J. H. TREWIN,

President.

REPORT OF BOARD

To His Excellency, B. F. Carroll, Governor of Iowa.

Sir: At the time the first report of this Board was submitted, only a few months had elapsed for the board to study its problems and organize for its work. It was a reasonable request, therefore, that the Board made, namely that more time than had already elapsed should be allowed for a study of the more important problems confronting it, before anything like a definite policy should be announced.

In making this request for more time, special reference was had to the problem of the coordination of the institutions committed to the Board's care. It was recognized from the beginning that the legislature had this problem primarily in mind when this Board was established. The joint legislative committee which made a study of the whole matter and whose report ultimately led to the creation of this Board, made that document specific on this point. The debate preceding the passage of the bill, and numerous letters from leaders in the Thirty-third General Assembly, received since the Board's program was announced, prove conclusively that one of the chief reasons for the creation of a single board was to get rid of needless and expensive duplications, and to cause these state-owned and state-supported institutions to cease being rivals and become cooperating units in a comprehensive system of higher education.

The institutions as they exist today are the natural outgrowth of the system under which they have grown up. Governed by separate boards, each developed without much thought of the other, and the General Assembly had not time during its brief sessions to do more than get a superficial knowledge of the entire situation. It became more and more apparent, however, as time went on, that unjustifiable duplications existed, and that the institutions instead of being cooperating units in a general system, were to all intents and purposes rivals of each other. It was to put an end to these rivalries that this Board was created.

The Board early determined not to act hastily in this matter. There were those who urged immediate consideration of this problem, but it was deemed wise to wait until the members should have an opportunity to know for themselves something of the work each institution was attempting and what duplications were justifiable and what unjustifiable. The subject was discussed formally and informally—in board meetings and outside; it was discussed with business men, legislators and educators as opportunity offered. Finally, a majority of the Board came to feel that two existing duplications were without justification and positively harmful, not only from the standpoint of the useless expenditure of money, but because their existence begat weakness and hindered progress. These duplications were, first, in engineering, as between the University and the State College of Agriculture and Mechanic Arts, and, second, in liberal arts, as between the University and the Teachers College.

DUPLICATIONS IN ENGINEERING.

Let us consider briefly the reasons which led the Board to concentrate engineering at Ames and liberal arts at the University.

It was found that the engineering department at the State College of Agriculture and Mechanic Arts was founded in 1868, that the value of the plant and equipment at the present time is approximately \$550,000.00, salary budget 60,000.00, number of professors 24, instructors 16, students 589. The University College of applied Science was founded in 1905. The value of the plant and equipment is \$201,000.00, salary budget \$36,000.00, number of professors 8, instructors 10, students 168. It should be stated in this connection that engineering was taught after a fashion at the State University for many years, but the College of Applied Science as now organized was established in 1905. While, theoretically, engineering might more logically have been established originally and exclusively at the University, the fact is that it was not so established, and not having been thus established, we question the wisdom of attempting to establish it when it was actually established, only seven years ago, especially in view of the fact that the State already possessed at Ames a department of engineering which had demonstrated its capacity to accomplish good work in this field.

Prior to 1905, the University budget in engineering had never been as much as \$6,000.00 per annum. Immediately upon the

establishment of the College of Applied Science on the present basis, other departments sadly in need of development had to stand aside. For example, three years ago the budget of the great department of English was only \$8,000.00. The neglect of the College of Medicine was well-nigh disgraceful. Had the money devoted to the building up of the College of Applied Science been spent on departments already established, the University would be better off today and would have more students.

The contention that engineering cannot be adequately developed at the College of Agriculture and Mechanic Arts, is not tenable. The work which this institution has done up to the present time speaks for itself. It numbers among its alumni men who have done some of the most notable tasks accomplished in engineering in recent years. Incident to the courses in agriculture and in veterinary medicine, there are at Ames, and there always must be, strong courses in the sciences, in English, and in the modern languages. The courses at the University and at Ames in the several departments of engineering parallel each other absolutely. If there be anything in the argument referred to, then the best plan, under the conditions that obtain in Iowa, is to do what has been done in medicine and law, that is to raise the standards of admission to, say, two years of college work, outline it, and let prospective students in engineering take their preparatory work at the University or wherever they choose. We do not look upon this argument as practical. Some of the best engineering schools in America are not connected with universities, nor do they maintain extensive cultural courses. The Massachusetts Institute of Technology, the Troy Polytechnic Institute, and the institution at Bethlehem, Pennsylvania, are separate and apart from colleges of liberal arts.

It is to be stated, moreover, in favor of the engineering department at Ames, that it has touched the commercial and industrial life of this state as the department at the University has not touched it.

Therefore, because the Board firmly believes that it is absolutely unjustifiable for the state to maintain within 125 miles of each other two engineering schools covering practically the same field, and for the further reason that the federal statute makes it obligatory to maintain engineering at Ames, it has been decided to

discontinue the College of Applied Science at the University and concentrate the engineering work at Ames.

Another thing must not be forgotten, namely that where duplications such as these are maintained, the result invariably is that neither college approximates the highest standards. If two colleges of engineering were continued, it would be the duty of this Board to request of the legislature a large sum for additional equipment at Iowa City, to be available immediately; and it would be no less the duty of the legislature to vote the money; for, in anticipation of the action taken, the appropriations for this department have been held down to the lowest point.

DUPLICATIONS AT THE TEACHERS' COLLEGE.

The Iowa State Normal School was established in the early 70's to train teachers for the common schools, and for many years it was, strictly speaking, a normal school. Latterly it became ambitious to extend its field to the granting of collegiate degrees, and it has gone even to the extent of offering graduate work. The legislative committee of which the late Senator Whipple was the distinguished chairman, severely criticised this branching out on the part of the normal school as a direct subversion of the real purpose for which this institution was founded; and the Board believes the criticism is justified. This duplication leads to extravagance, and moreover, the work required for the collegiate degree at the Teachers' College is not equal to that required in our standard colleges. The University is the natural place for a school of education of college grade. There exist there, and there must always exist, strong departments in modern and ancient languages, mathematics, history, philosophy, psychology, and in each of the sciences, together with expensive libraries, laboratories and museums. It costs in salaries alone to maintain the college of liberal arts at the University \$167,805.00 annually. Why should the state duplicate this work within eighty miles of the University?

It was wrong, moreover, because in thus developing itself into a college, the normal school could not but neglect the real work for which it was established. All of the authorities consulted agree touching the proper place for a school of education of collegiate grade in a state scheme of education. Without exception, they place it at the State University. The truth of the matter was most happily expressed by President Van Hise of the University of Wisconsin, when he said: "A college of education as a

thing apart from a college of liberal arts is unthinkable. The only possible way by which the normal school at Cedar Falls could satisfactorily give the work of a college of education would be for it to become also a college of liberal arts, and thus duplicate the very central work of the University." The facilities for the training of teachers for the rural and elementary schools of Iowa are inadequate, and the Board recommends to the legislature the establishment of additional normal schools to aid in this great work, perhaps the greatest which the state has to do. This recommendation is in line with that made by the Better Iowa Schools Commission, appointed under the authority of the State Teachers' Association.

With the two-fold purpose, therefore, of doing away with unjustifiable duplications, and of advancing the best interests of education in Iowa by having Cedar Falls concentrate its best efforts on the training of teachers for the rural and elementary schools, the Board decided to discontinue at the Teachers College all courses in education and in liberal arts which extend beyond the sophomore year, and to take over this work in its entirety at College of Education at the State University.

HOME ECONOMICS.

The work in Home Economics now being carried on at the State College of Agriculture and Mechanic Arts is to be transferred to the University for the following reasons:

First, to avoid duplications which must otherwise be created. There are at the University at the present time approximately eight hundred young women who are clamoring for the establishment of a department of home economics. Moreover, this subject should be pursued in connection with a wide range of subjects in liberal culture which already exist at the University, but which do not and cannot without further expensive duplication, exist at the College of Agriculture and Mechanic Arts. There is also at the University a college of fine arts, and this, in connection with a strong college of liberal arts, is a most valuable adjunct for those interested in household arts. Besides, many of those studying home economics expect to become teachers, and it is desirable that they should take advantage of the opportunities offered by a college of education.

It is evidently not understood by the public generally that the home economics course at the State College of Agriculture is a purely technical course designed to prepare young women to teach this subject. It is not a home-makers' course, as many seem to believe, primarily designed to aid young women from the farm toward better housekeeping. It is a teachers' course. No one can enter it who has not mastered the requirements insisted upon for entrance to the standard colleges. Formerly a home-makers' course of two years existed at this institution, but it was abolished years ago by the former board of trustees, and this strictly college course was established in lieu thereof.

Second: There is still another reason. It is the aim of the Board to introduce at the State College of Agriculture and Mechanic Arts short courses in all of the departments of agriculture, and, in connection with the engineering department, work along trade school lines. One of the great defects of our educational system is that very little is being done, either in the public schools or the colleges, for that great body of young people who cannot take the time to master the entrance requirements for admission to standard colleges. They leave the public school before they enter the high school, which as now constituted is intended to be the vestibule of the college. Without in any way disturbing the high standards of college work now existing at the State College of Agriculture and Mechanic Arts, it is the intention of this Board to utilize this great plant for the benefit of the young men from the farms who can spare only a short time for this work, and give them an opportunity to do work along practical lines, and to do the same thing for the young men seeking to develop themselves along mechanical lines. As it is now, the boys outnumber the girls at this institution four to one. When the plan outlined shall have been carried out, they will outnumber them ten or more to one—a condition which we do not deem satisfactory, to say nothing about duplication. The extension work in home economics will be carried forward by the extension department of this institution as hitherto. The extension work in home economics and the college course have been practically separate from the beginning.

IOWA SYSTEM OF HIGHER EDUCATION AS RE-ORGANIZED.

While the changes made by the Board in the courses of study and degrees granted at the several institutions are very important in eliminating duplications and thus abolishing hurtful rivalries and competition for students and support, yet these changes have not in the slightest degree impaired the usefulness of any of these institutions to the people of Iowa. For the first time in its history, the function of each institution is carefully defined, and each will hereafter be expected to devote its best efforts to development and growth within its proper sphere. A progressive policy of conservation is quite as desirable in education as in natural resources. It must be remembered that there are reactionaries in education as well as in any other line of endeavor, and the Board is not surprised that there are those who are afflicted with doleful forebodings as to the disastrous results of its action. The action of the Board does not constitute any just grounds for complaint; on the contrary, when this action has been carefully studied and rightly understood, and when its far-reaching beneficial results are fully appreciated, it will be apparent to thoughtful people that the discussion of this subject which has been going on in the state for over ten years, has gradually led to a result which, while without harm to the individual institutions, is of enormous advantage to the people of Iowa and to the youth who desires to pursue a higher education. The discontinuance of the grab-bag methods of securing appropriations for the institutions by numerous contesting lobbies in which the faculty members and trustees of the several institutions and their interested friends took part, and the substitution in lieu thereof of a business-like method of presentation of the needs of the institutions by the Board of Education and the Finance Committee, are matters of no small importance. Faculties of the institutions are now expected to give their attention to the duties for which they were appointed, appearing before legislative committees only by request of the board of education or of committees of the General Assembly, to give information regarding subjects upon which they possess special knowledge.

It has been found that under the management of a single board, with the Finance Committee devoting its entire time to the fiscal

administration of the institutions, great savings have been effected in both purchases and expenditures. The details of these savings could be given if space allowed.

The same sensible business-like methods should be applied to the establishment of curricula and to the coordination of the educational work. It is well known that educators are prone to wander far afield and to encroach upon other fields, thus producing duplications of work and sometimes conflicts, not only with the departments in other institutions, but with departments in the same institution. A watchful eye should be upon each institution and each department thereof, for the purpose of keeping it reasonably within the proper sphere of its operations. At the same time, it must be distinctly understood that each institution and each department, within its proper sphere, should be permitted to exercise in education the largest amount of autonomy consistent with the welfare of the whole. The Board understands its function to be that of a governing body for all of the institutions and not that of an administrative body, especially as regards the educational affairs of the institutions.

The Board regrets that its action will inconvenience to some extent a number of students and some members of the faculties now in the institutions, and that it may also disturb hitherto pleasant personal relations; but the plain path of duty to the people of Iowa, and the execution of the work for which it was admittedly created, required it to proceed, not along lines of the least resistance, but along lines indicated by the action of the General Assembly; and it is the confident judgment of the Board that this course will in the end be of inestimable benefit to the educational system of Iowa.

EDUCATION MUST BE UNIVERSAL.

In dealing with all these institutions, the Board has had in mind the function which it should by all means perform in aiding to make education universal and universally better. In the language of that great educator, Horace Mann, who wisely laid the foundations of elementary schools in Iowa:

“Education must prepare our citizens to become municipal officers, legislators, or competent judges of legislation,—in fine, to fill all the manifold relations of life. For this end, it must be universal. The whole land must be watered with the streams

of knowledge. It is not enough to have, here and there, a beautiful fountain playing in palace gardens; but let it come like the abundant fatness of the clouds upon the thirsting earth."

It is the duty and the province of the Board, under the law, to determine general educational policies; and in the conscientious performance of this duty, the Board has brought about the changes referred to. Speaking as definitely as the circumstances will permit, these changes result as follows:

1. ENGINEERING.

There are, and have been for the last several years, approximately 700 students pursuing college courses in engineering in Iowa. The institution at Ames had at one time about that number of students, and it is and will necessarily be equipped to take care of that number. It goes without saying that the people of Iowa by concentrating all their efforts on one engineering school can make a better one than they could make by dividing their efforts between two. It is well known that to attain the highest efficiency in any line of educational effort, there must be created an atmosphere which pervades and is peculiar to that line of work; and a spirit of enthusiasm must be breathed not only by the faculty, but by the student body. Naturally, this spirit can be made much stronger with a large faculty and student body than with a small one.

We have, and shall continue to have, at the College of Agriculture and Mechanic Arts, a large engineering school with a strong faculty. The splendid professional spirit which has always existed at that institution will be intensified, and the people of Iowa will have cause to be prouder than ever of their engineering school. Besides, every competent student who desires may have the benefit of training in this institution. The constant stream of new students who in the future will pursue their studies in these institutions will not be deprived of any rights or privileges which students now have; on the contrary, they will have still greater opportunities for achievement, and the students in the several departments of the institutions temporarily affected by these changes will little note nor long remember the local and sentimental considerations and the disappointments which now influence them. It is expected that the splendid student body so affected will willingly suffer some personal inconvenience, and that

they will, for the common welfare, yield their sentiment for the school which they have been attending.

The buildings erected at Iowa City at a cost of \$170,000.00 for the use of the College of Applied Science, can readily be adapted to other purposes at small expense, so that there is no appreciable loss in that respect. The state will save in expenditure for engineering approximately the salary budget of this institution, as well as the cost of heating, lighting and maintaining the building and keeping up its equipment. The educational institutions of Iowa as finally established should not be ephemeral, but should last for all time; and when this is taken into consideration, the savings made year by year are of great consequence, especially in view of the fact that there are so many lines of educational endeavor which strongly appeal for development.

2. DUPLICATION IN LIBERAL ARTS COURSES.

The Whipple Committee in its report to the General Assembly pointed out wasteful duplications in the liberal arts work at Ames and at Cedar Falls, as follows:

First: That the State College of Agriculture and Mechanic Arts was offering a so-called general science course and granting a degree therefor, and that this general science course was a direct duplication of work which already existed and properly belonged at the University. The effect of offering this course was to catch students who should go to the University where better and more extensive courses in general science are maintained. There never has been any large number of students in this course, the present number being about eighty. These students will be admitted to similar courses in the University, without examination and on the credits already obtained at the College of Agriculture and Mechanic Arts, so that they will not be seriously inconvenienced, and can, if they so desire, after the expiration of the present year, continue and complete their education at the University where the facilities for pursuing the liberal arts course are superior to those at Ames.

Second: The committee also pointed out and condemned the action of the State Teachers College, which had then but recently been taken, in offering a four years liberal arts course leading to a degree, and also in offering a post graduate course in education. In this connection, it is pertinent to the state that a school of

education of college rank had for many years been maintained at the University, and that it had a faculty and was equipped for the purpose of offering the collegiate courses which might be desired by persons intending to pursue the profession of teaching. Before the establishment of the liberal arts course at the Normal School, a large number of students who had completed the two year course at that institution naturally went to the University for the purpose of completing their education and obtaining the appropriate degree. The rivalry between the college of education thus established at Cedar Falls and the school of education at the University has been quite as apparent as has that between the two colleges of engineering.

The action of the Board simply discontinues at the Normal School the collegiate work which was introduced in 1904, and which covers the senior and junior years. In doing this, it brings the Normal School back to the field which it was designed to cover when it was established, and which it did undertake to cover until about eight years ago. On consideration of this matter, it is apparent that if there had been a central authority in charge of these institutions, this departure would never have been permitted.

The Normal School has done a notable work and is entitled to great credit, yet it is to be regretted that its entire energies were not concentrated upon the development of the rural and other elementary schools,—a field which offers incomparably greater and more inspiring work, and which has been largely neglected in the development of all educational systems.

The Board is deeply impressed with the compelling importance of the adoption at this institution of a policy which shall reach with intense force the rural and elementary schools; and to that end, it has requested President Seerley to propose a plan for the reorganization of that institution within the scope of its functions as defined by the Board.

PRESIDENT SEERLEY'S RECOMMENDATIONS.

President Seerley stated to the Board that while he regretted its action, he acquiesced therein; and he has submitted the following recommendations which have been approved by the Board:

“That all student contingent fees be abandoned, and that there be secured from the next General Assembly appropriations sufficient to supply the sum usually furnished from such sources. In making this change, the possible enrollment will be indeterminate and the work done thus restricted. By doing away with these student contingent fees, I feel confident that the present attendance could be saved if not increased. If this should not be done and the attendance should decline, the college treasury would suffer a large deficit. It will take some time to overcome the public attitude that this sudden reduction of courses will produce toward the Teachers College. If Iowa really wants to do something generous for teachers that go into the ranks of elementary workers, this is the place to begin.

“That all students holding honor scholarships from high schools shall be permitted to transfer them to the State University without sacrifice, after completing the two years at the State Teachers College.

“That the State Teachers College be authorized to organize a course of two years in which elementary teacher training shall not be the purpose, but in which later preparation for high school teaching shall be the object, such students to be granted the diploma of the junior college with the understanding that they will be accepted at the State University for further liberal arts study, or, if they desire, for training as high school teachers, according to plans adopted at the State University. (Note. Approved, with the understanding that the course referred to shall put emphasis upon preparation for teaching rather than upon pure liberal arts work.)

“That at least two competent rural school agents with special capability as platform speakers on the problems of elementary and rural education, be employed to conduct a campaign for a better teacher training situation in the rural schools. The special service assigned these public workers should include, primarily, the se-

curing of students for these rural teacher courses, and, secondarily, the assisting in teachers' and patrons' meetings.

"That a Rural Teacher Department be organized as a separate work at the State Teachers College, and that a competent director be appointed to devote himself to this special undertaking; that the rural school agents before mentioned be connected with this department and that all the instruction in the elementary and special lines required shall be under their supervision; that all kinds of industrial, agricultural and other practical work suitable for such class of students be projected, and that their education and training have as a particular aim the fitting of special workers for modern rural schools, conditions and needs."

President Seerley also made other recommendations, as follows:

"That the taking effect of the change be postponed for one year." There appears to be no sufficient reason for granting this request, because contracts with students for carrying on their work beyond the Sophomore year will be carried out at the University where there are ample facilities therefor.

"That the training department be continued as a model school, for the benefit of the community and of the college." The action of the board did not discontinue this department and there was no thought of so doing.

"That the Faculty be directed to grant B. Di. diplomas to such students as have completed Freshman and Sophomore work, without regard to their qualifications to receive state certificates as trained teachers, and that all such students be granted unconditional admission to the Junior Class of the State University. That the Faculty be directed to grant M. Di. diplomas to such students as have completed Freshman, Sophomore and Junior work, such diplomas granting admission to the Senior Class of the State University. These matters of transfer are of the greatest importance just now as the situation exists."

These degrees were discontinued by this Board on the recommendation of President Seerley and certificates substituted in lieu thereof. The Board deems it more consistent to issue certificates for the work referred to. As to the request for authority to enter the senior classes of the State University, this will be granted to such students as are now in the institution at Cedar Falls, and

have completed the two-years' work heretofore provided; but necessarily in carrying out the purposes of the Board, it cannot be granted to students in the future. President Seerley also made a recommendation in regard to the issuance of diplomas to students who have taken the larger part of their courses at the State Teachers College; but this is a matter of detail which need not be taken up in this report, and which we hope to have worked out in conjunction with the University, so as to be satisfactory to all concerned.

President Seerley also makes a recommendation and presents a strong argument in favor of the minimum salary law for teachers in the rural schools, but this is a matter for the legislature and not for any action by the Board.

President Seerley in summing up, makes the following statement: "That a suitable special appropriation for this intensive undertaking be provided and that extraordinary efficiency be made the notable aim of this special effort. The time seems now to be ripe for such legislation, organization and co-operation in order to undertake to do for the country school teacher what is now recognized as being important for the kindergartner, the primary teacher and the grade teacher. The Teachers College is ready to give large attention to this special field if the State Board of Education provides the ways and means."

In its strong desire to aid the work of improvement of the rural and elementary schools, the board cordially endorses this recommendation, and in another part of this report has asked the General Assembly for appropriations for the purpose of carrying it out. The Board feels that with the efforts of this splendid institution directed toward the country and elementary schools, rapid and notable progress will be made in the solution of this great problem, and that the result will be an awakening of the people themselves to the urgent necessity of consolidating their schools and making them stronger and more efficient by the employment of better teachers at higher wages, and by furnishing better facilities for school purposes.

3. TRANSFER OF HOME ECONOMICS WORK.

As set forth in another part of this report, there is practically no occasion for girls to attend the institution at Ames, except to take a technical course in Home Economics. It is imperative that a collegiate course in Home Economics be established at the University. Other universities are doing it, and privately endowed colleges are doing it, and this demand must be met. So in considering this problem, the Board confronted the question as to whether it would inaugurate another duplication. There is a two years course in Home Economics at the State Teachers College, and the Extension Work in Home Economics is retained at Ames conducted by the Extension Department. The transfer of the collegiate course in Home Economics to the University will afford opportunity for a large number of girls who are taking collegiate courses to study Home Economics; and at the same time, by reason of the liberal arts and teachers' training courses at the University, it will enable others who are especially interested in Home Economics to secure a much broader and more satisfactory education.

The Home Economics Building at Ames can readily be used for other purposes without any great amount of loss. The equipment can be moved without serious loss or damage. It is the intention of the Board to use the engineering building at Iowa City for the department of Home Economics, as it can readily be adapted to the purpose.

It has been claimed in some quarters that this collegiate department should be maintained at Ames for the benefit of the farmers, but the University is for the benefit of the farmers of Iowa as well as all others. All the institutions are to serve all the people of the state regardless of their occupations.

THE RESULTS AIMED AT.

To sum up: The Board looks forward, first, to a University at Iowa City with a college of liberal arts second to none; a graduate college which shall attract earnest men and women, affording them ample facilities for advanced study and research work; a college of fine arts; a college of medicine and homeopathic medicine thoroughly equipped to give the most efficient training in medicine, the main object being quality rather than quantity; colleges of law, dentistry and pharmacy of which we shall all be proud; and a college of education equal to the best. A university working

along these lines can have no excuse for claiming that it has been emasculated because it has given up its college of engineering. Several of the greatest universities in this country do not possess colleges of engineering, and none of the great universities of the continent of Europe possess them.

Second, an institution at Ames which shall be the greatest technical institution in the Mississippi Valley along the lines of agriculture, engineering and veterinary medicine, with college standards as high as the highest, and, supplementary to this, work along agricultural short course and trade school lines which shall bring the beneficent influences of this institution within reach of all those who have only so much as a little time to devote to fitting themselves to do well some of the ordinary work which the world always has to do in great abundance.

Third, a system of normal schools second to none, for the training of teachers for the rural and elementary schools of this state—institutions where there may be opportunity to work out some of the manifold educational and social problems incident to the symmetrical development of a state like our own.

HOW TO LOOK AT THIS PROBLEM.

No one can comprehend this problem who approaches it from any narrow or selfish viewpoint, personal or institutional. It is unfortunate that we have this problem to deal with. These institutions ought to be all together at one place, but it is idle to talk of this. The problem entrusted to the Board was to so correlate these institutions, situated in different places, separately organized, and hitherto separately governed, as to make of them a symmetrical, logical system of education.

There can be no doubt that in attempting a solution of this problem of co-ordination the Board was doing not only what was expected of it, but what has come to be a necessity. The whole matter is admirably summed up in a letter recently received from Senator James A. Smith, who has been one of the leading spirits in the General Assembly for more than fifteen years. He wrote:

“It was just exactly this kind of work that the legislature expected the Board of Education to take up and perform. The legislature could look on in a helpless sort of way and realize perfectly well that things were not as they should be in connection with the three institutions. They could see the wastefulness of rivalry that was unjustified and of duplications that were worse than folly;

and yet they were helpless in the brief period during which the sessions lasted to bring about any betterment of conditions. There was not a member of the appropriations committee which listened to the hearings of the different institutions but who knew these things and finally became convinced that the only way to remedy them was through one board with large power to act. Had you not done just exactly what you have done, you would have failed to do your duty."

Many other senators and representatives who assisted in passing the bill creating this Board have written in the same vein.

That there would be opposition to anything that might be proposed in the way of co-ordination was easily foreseen. An eminent educational authority writing of this Board and the work before it, shortly after the law creating it had gone into effect, said:

"If this Board can deliver these institutions from the rivalries of the past and from the temptations to low standards and to political influences, and coordinate the three institutions into serving effectively the state system of education, it will have accomplished one of the most notable tasks of our generation, and will receive the gratitude of each one of these institutions and of the people of Iowa. To achieve this result will be no simple task. It will call for wise judgment, for expert educational knowledge, for patience and for courage. To accomplish the ends sought, not only the members of the Finance Committee, but the members of the Board must give time and thought to the state's educational problems. No citizen of an American commonwealth has been called to a more interesting or a more important duty than have the members of the Iowa State Board of Education. They will have to deal sooner or later not only with the ambitions of rival institutions and of short-sighted individuals, but with the sentimental loyalty of alumni and with the clashing interests of different localities. It will be part of the work of this Board to train the people of Iowa to a new educational patriotism, whose ideal is not devotion to a single institution, but to the education of the whole people."

With an eye single to the interests committed to its care, the Board has sought to so coordinate these institutions as to make them serve effectively the state system of education, and abolish rivalries. We believe that the plans outlined, if carried out, will

give a system of education in Iowa far in advance of anything we have ever possessed. Each institution will be a co-operating unit in a scientific system. The rivalries that have hampered the institutions in the past will cease; each institution will do its own particular work unvexed and unhampered by any of the others. The personal disappointments and hurts incident to a change like this will speedily pass away, and at the end of a decade we shall all wonder why we so long tolerated the expensive and inefficient system which vexed legislators and hindered true progress.

The Board has tried to deal frankly with this whole matter. Had the easiest course been sought, this coordination question would have been postponed indefinitely and boastful claims would have been filed for credit in small matters. The next easiest thing to do would have been to postpone the announcement of this program until after the adjournment of the legislature, but such a course would have been unworthy of the Board, for it would have been dishonest toward the legislature and unfair to the institutions. Further postponement would have been unwise. Therefore, the Board announces its program and awaits with confidence the verdict of a fair-minded people with the facts before them.

To the members of the General Assembly and to the people of Iowa, we say: We have given our best efforts to the working out of this problem; we have sought the best non-partisan expert opinion obtainable; we have done what the 33rd General Assembly virtually directed should be done. If this was all a mistake and a blunder, if it is desired to continue these rivalries and duplications, then the Board has been acting under a misapprehension of its duty and of the real purpose for which it was created. It is not beyond the fact to say that all over the country thoughtful educators have been watching the working out of this problem in Iowa, hoping to see this state point the way out of the difficulties incident to the original error of having several institutions of higher learning instead of one—a condition which the expert in higher education of the Bureau of Education at Washington described as the “cumulatively unwholesome and extravagant rivalry of state-supported institutions.”

The board can have no other interest than the welfare of the State. We are not impatient of criticism; the only thing asked is that this matter shall not be considered from any selfish or sentimental standpoint. Much has been said latterly concerning how

public questions ought to be approached—that selfishness should have no part in the decisions of statesmanship, that the greatest good to the greatest number should be the rule of action everywhere. Can we not approximate this ideal in dealing with this great question? Should not the institutions themselves try to look at this problem from the standpoint of the whole? They are individually and collectively the property of the people of Iowa. They are not owned exclusively by the comparatively few who have enjoyed and are now enjoying the state's bounty, nor by the localities in which the institutions happen to be located. Under the plan of coordination outlined, no opportunity now existing to secure an education has been in any wise curtailed; on the contrary, the facilities for securing an education have been increased, and the advantages which these institutions have to offer will be brought home to a much larger number of people than ever before.

METHOD OF PROCEDURE.

A brief statement relative to the method by which the Board reached its conclusions will not be out of place. Practically three years have been devoted to the working out of this problem. As the various phases of it became clearer, a plan of procedure was outlined and then carefully worked out, and finally put in the form of a tentative report by the Finance Committee to the Board. When this had been done, this report was submitted, in advance of its presentation to the Board, to a number of the leading educators of the country, with the request that they examine it carefully, in connection with the catalogs of the institutions, and render an opinion on it. Inasmuch as this tentative report states the problem and the argument in favor of the recommendations of the Board, it is presented in full, and a thorough study of this document is respectfully requested. (See Exhibit A.)

The men to whom this report was submitted are as follows:

Dr. Kendrick C. Bobcock, Specialist in Higher Education of the National Bureau of Education at Washington, D. C.

Dr. Henry S. Pritchett, President of the Carnegie Foundation for the Advancement of Teaching, and formerly President of the Massachusetts Institute of Technology.

About ninety per cent of public school pupils never enter the high school. Many who do enter go through in a desultory sort of way without receiving much, if any, benefit.

Hitherto the high schools have been shaped primarily to fit students to enter college. It is perfectly natural that this should have been the case. When America's system of public schools was launched, only those who were ambitious to enter the learned professions thought of higher education. If anything like an extensive course of training was entered upon, it was with this end in view. Naturally enough, the high school when it came into existence was looked upon as the vestibule of the college. But today people are everywhere thinking about the great body of young people who do not go to college, who cannot go to college, and who perhaps ought not to go to college. **Something must be done** for them. It is not the province of this Board to say what the public schools shall be or do, but it is the province of this Board in dealing with the institutions under its control, and especially with the College of Agriculture and Mechanic Arts, to pay attention to the demand for short courses in agriculture, the trades, and other industries—a demand which is very widespread at the present time in this state. Without any thought of lowering the professional standards which exist in these institutions, provision ought to be made to give instruction to those who, for one reason or another, cannot master the requirements insisted upon for entrance upon college courses, or who do not care to do so. A beginning in this direction was made by authority of the legislature in the establishment of the two years course in agriculture, admission to which is granted to students who have not had the benefit of high school training. Not so many students have entered this course as were expected to enter. It may be that the plans for this course were too ambitious. The University of Wisconsin has a short course in agriculture extending over two years of fourteen weeks duration each year, the aim being to bring students directly from the farms at a time when farm work is slack, and give them the most practical instruction possible. Last year there were approximately one thousand students enrolled in this course, and Dean Russell gives it as his opinion that this has done more to keep the Wisconsin boy on the Wisconsin farm than any other agency in the State of Wisconsin. Attendance upon this course is not confined to students of school age or anything like it. Its

advantages are sought by agriculturists of practically all ages. The College of Engineering might with profit, we think, establish a similar course which should aim to teach some of the ordinary trades. It is the young person who does not know how to do well some work which the world wants done who is most in danger of becoming a human derelict. Iowa is as yet too much an agricultural state to expect trade schools to spring up in the cities. For the time being at least, the only place where this want can be supplied is in connection with the engineering department at Ames.

The subject of agricultural and trade school extension work is discussed elsewhere under other heads.

PROFESSIONAL SCHOOLS.

Throughout the world, standards of professional schools tend to increase. This is a tendency to be welcomed. Lawyers, doctors, dentists and engineers work in fields where mistakes are costly, and in some instances without remedy. To insist that no one not thoroughly competent shall enter these professions is to guard the citizen in the most important relations and situations of life. It is idle to point out, as some do when arguing against the high standards for professional schools, someone who has attained notable success without systematic training or thorough education. Exceptional men they are, and while they may prove rules, they do not make them. If an incompetent person is licensed to practice any of the learned professions, someone in authority has failed of his duty.

Believing the principles above set forth to be sound, this Board is doing all in its power to strengthen the professional colleges, and progress along these lines has been marked.

MEDICINE.

Instruction in medicine at the University is now on a most satisfactory basis. As pointed out by the President in his report, the College of Medicine, by virtue of well-equipped laboratories, facilities for clinical teaching, advancement toward individual instruction, and the elevation of standards of admission and gradua-

tion, has, in the most progressive period in medicine, been kept in the small group of Class A medical colleges. Several of the laboratories in the College of Medicine are as complete and well manned as can be found anywhere. The hospital, which now has a capacity of 175 beds, furnishes ample clinical material for the present student body. Occupants of the leading chairs are nearly all in residence. Some time ago, the Board voted to consolidate the chairs of surgery, eye, ear, nose, throat, and obstetrics in the Homeopathic College of Medicine with similar chairs in the College of Medicine. This action was taken, first, because there is no material difference between the schools along these lines. Surgery—and surgery in its broad sense includes eye, ear, nose, throat and obstetrics—is not sectarian. Throughout Europe this is the practice. Our neighboring state of Minnesota recently took similar action. Second: Through this arrangement, students of homeopathy will see a larger number of cases and a greater variety than they have hitherto been able to see. Third: The only possible way other than this whereby students in homeopathy could be adequately served would be to spend a large sum of money in additional hospital facilities, salaries, etc.—an expenditure not deemed justifiable. Efforts have been made to create the impression that the Board has abolished the College of Homeopathic Medicine. Nothing could be further from the truth. The essential chairs of this college remain, and they will be strengthened in every possible way. If this action is accepted in the spirit in which it was taken, students desirous of studying Homeopathic Medicine in Iowa will, under the present arrangements, be better served than they have ever been in the history of this state.

COLLEGE OF LAW.

As set forth in the First Biennial Report, the work of this college was increased by approximately fifty per cent, bringing the college, in work required, practically up to the standard of the best law colleges of the country. By the addition of one professor, this additional work has been carried by the faculty. The attendance has increased the past year, and it will be necessary before a great while to add another member to the faculty.

The Dean resigned two years ago, and the President of the University made a careful search for a new dean, but was unable, within the limited time, to find for the permanent position a person

who was satisfactory; and therefore he secured the services of Mr. Austin Scott, of the faculty of the Harvard School of Law, who for one year acted acceptably as dean. Meanwhile, careful search was made for a permanent dean, and one was at last found in Henry W. Dunn, a thoroughly trained lawyer who had been in active practice as a member of the Boston bar. During the present year, the college is progressing very satisfactorily under his administration, the faculty working harmoniously and enthusiastically. As set forth in another part of this report, the salaries of the professors in this college should be raised. In fact, the students' fees are almost equal to the salary budget, and the state should be willing to contribute such additional sum as will secure and retain the services of first class men.

The standard of admission in the College of Law should be raised before long. It is the purpose of the Board to progress gradually by raising the standard to include at least one year of college work, and eventually to include two years, as is now required by the college of medicine.

The Board is satisfied that the bench and bar, as well as the business interests of the state, which are in constant need of good lawyers, will approve of this action, because the affairs committed to the care of lawyers are of great and increasing importance, and no one should be permitted to practice law until he has a good fundamental education as well as good training in the profession. Besides, the course as already existing is found to be too difficult for many of the students coming directly from the high schools.

BUSINESS ADMINISTRATION AND CARE OF PHYSICAL PROPERTY.

The business administration at each of the institutions is exceedingly satisfactory. The administrative work has been systematized as much as possible, and the care and up-keep of the physical properties at Iowa City, Ames and Cedar Falls are in charge of thoroughly trained and competent experts. Many thousands of dollars are saved annually by reason of the work of these men. The plant at Vinton is not of sufficient magnitude to war-

rant the employment of a man for this particular work, but the men at the other institutions have willingly aided the superintendent in effecting not a few economies and improvements.

MEDICAL INSPECTION.

The Board feels that there should be a system of medical inspection at the several institutions, which shall not only insure sanitary conditions of the buildings and grounds, but which shall also provide careful inspection of the places where students are housed and fed. In addition, there should be a careful supervision of the students themselves, to the end that no student afflicted with tuberculosis or any other contagious or infectious disease should in any wise spread it among his companions. The Board proposes to do this next year if the funds are available.

EMERGENCY FUND.

The Board would respectfully recommend to the General Assembly the creation of an emergency fund of \$30,000.00, to enable the College of Agriculture and Mechanic Arts to meet the emergencies which may and are likely to arise in connection with the college work during the next two years. It is impossible now to tell in what branches of the work these emergencies may occur; hence a general fund is requested, to be made available, with the consent of the Executive Council, whenever needed. For example, an emergency might occur in connection with some new disease of animals, such as the disease which is reported to have destroyed two million dollars worth of horses in Kansas last summer. Or, an emergency might occur in connection with some plant infection, or a peculiar condition of the soil, or in connection with an unusual season having influence upon drainage; or, easily an emergency might occur in some line which it is now utterly impossible to think of. The interests concerned are so enormous that it would seem to be a great mistake to fail to provide for their protection if need arise.

LEGISLATIVE ASKINGS.

In the matter of legislative askings, the Board has pursued the same policy followed two years ago. It has taken up the askings of the several institutions, first through the Finance Committee and later as a board, to the end that we may come to the General Assembly with what we regard as the amounts essentially neces-

sary to provide the means whereby these institutions can carry forward the work in hand and enter upon such new fields of endeavor as the interests of the state demand.

Radical reductions in the amounts asked by these institutions have been made, and yet after this has been done, the sums asked for remain large. The Demands of the public in matters educational are tremendous. Never before in our history has there been such a demand on the part of the people themselves for increased expenditures for education. For the most part, the increased appropriations which this Board requests are for the purpose of meeting the demand that the practical benefits of scientific attainment be brought home to the largest possible number, through the instrumentality of short courses, extension work and the like. These askings are presented in detail for each institution.

TRADE SCHOOLS AND TRADE SCHOOL EXTENSION WORK.

Urgent representations in favor of establishing trade schools and trade school extension work at the Iowa State College have been made to the State Board of Education by the Iowa Manufacturers' Association, by the representatives of organized labor in Iowa, and by the authorities of the college. At the annual meeting of the Iowa State Manufacturers' Association, the following resolution was adopted:

"Resolved, that we, the manufacturers of Iowa, hereby call upon the legislature of Iowa, and the State Board of Education, to provide for mechanic arts extension work, and correspondence study, having the same relation to the Mechanic Arts Division of the State College, which the agricultural extension work has to the Agricultural Division."

President A. L. Urick of the Iowa State Federation of Labor has made similar representations to the Board.

The members of the State Board of Education, including the Finance Committee, have been investigating, independently, the general question of industrial education for the State, and agree

cordially with the views expressed by the manufacturers and by the representatives of labor.

Hence, the Board has decided to ask the legislature of Iowa to appropriate \$50,000.00 per year to establish trade schools and trade school extension work at the Iowa State College

We believe this to be one of the most important projects ever undertaken along educational lines in our State.

THE PRESENT ECONOMIC SITUATION IN IOWA.

All students of the present economic situation in Iowa agree that the state is about to experience a very large and important development of her manufacturing industries. Such a development is absolutely essential to the best interests of the State. During the ten years from 1900 to 1910 the State of Iowa lost ten per cent of its strictly rural population, which is now no larger than it was thirty years ago. No state can develop properly in one line alone, and the agricultural interests of Iowa will be benefited at least equally with others by a development of our mechanical industries commensurate with our standing in agriculture. In fact, many of the problems of agriculture can be solved properly only in a state which has a symmetrical, all around development, in agriculture, in manufacturing, in commerce and in mining.

That there is to be a great manufacturing development in Iowa is not a matter of theory alone. Already much has been accomplished along this line. Mr. Wrightman, the secretary of the Iowa State Manufacturers' Association, states that between 1900 and 1911 the annual value of manufactured products in Iowa increased from \$133,000,000 to \$325,000,000, a percentage of increase many times that in the raw agricultural products of the State. Soon the annual values of our manufactured products will largely exceed even the value of the year's raw products of Iowa's rich farms. Moreover, it is only the industrial development of the state, occurring in our larger cities, which has prevented a material, almost fatal, loss in our population between 1900 and 1910.

AN OUTLINE FOR A STATE-WIDE SYSTEM OF INDUSTRIAL EDUCATION FOR IOWA.

A state-wide system of industrial education for Iowa would provide effectively and efficiently for all the principal demands of

the state upon industrial schools. Eventually, it must provide for educating fifty per cent more youth than are at present attending all the high schools of Iowa.

First: It must provide for the training of the great mass of the youth who engage in the several trades, in such a way as to make them efficient workmen, equipped with such knowledge of modern science as is required in this present day of wonderful industrial scientific development, and further equipped with such general practical education as will enable them to make the most out of their lives. Only in this way can we secure state or national efficiency, and that happiness and comfort of the individual which are inalienably his right.

A trade school course and trade school extension courses will constitute the most effective beginning in Iowa in this sort of training, and must always remain a most important part of it. It is especially adapted to Iowa conditions, since we have such a large number of comparatively small cities which cannot afford to hire experts or provide expensive equipment for the work. The extension classes and correspondence study work should eventually enable every youth or adult engaged in the mechanical industries of Iowa to continue his educational training while earning his daily living.

Second: A state-wide system of industrial education should provide more extensive technical training for considerable bodies of highly expert workmen and foremen, to meet the demands of special industries in different localities. This will call for the gradual development of quite a number of trade schools in the state, each serving effectively a particular locality. These trade schools will not need to be established in any particular locality until the demand there has become so real as to be accompanied by a willingness to pay for a very considerable part of the expense. However, these trade schools should receive state aid, and be under general state supervision in addition to direct control by local boards, so that they may fit in properly with a state-wide system of industrial education.

The experience of the world has demonstrated clearly that no single trade school can serve a state, and that any individual trade school can properly serve only one community. We must have a whole system of trade schools to meet Iowa's need.

Third: There are many scientific problems of modern industrial development which require for their solution scientific laboratories and equipment, and technical skill of the highest order, such as cannot properly be provided by the individual manufacturer. Hence, the State should provide a state engineering experiment station, devoted to the service of the state in solving our technical problems. A beginning has already been made in the present Engineering Experiment Station at the Iowa State College, but its resources are at present too limited to enable its work to be very effective.

Fourth: The State will need a considerable number of expert engineers, of managers, of business promoters, and of owners and operators; for all of whom the best educational training is a complete professional course in engineering. The professional course at present given at the Iowa State College should be supplemented and modified by the introduction of instruction along lines of business engineering, so as especially to train the graduates of the engineering college for taking part in the general industrial and engineering development of the state.

Finally, it may be added that to secure the best results in a proper system of state-wide education for Iowa, all the four lines of work enumerated must be centered under one management, and at one institution. There is no doubt whatever that the continuation of a policy of division, with no relation between the scattered efforts at industrial education in the State, would be a very real and great disaster for Iowa. "United we stand, divided we fall" is especially true of industrial education for Iowa at the present time.

PLANS FOR A TRADE SCHOOL AND TRADE SCHOOL EXTENSION IN IOWA.

The plans for trade school extension in Iowa include:

First: A trade school extension department at Ames, maintaining headquarters for the state work, under the auspices of the engineering department at Ames.

Second: The gradual development of district headquarters in the more important industrial cities of the state.

Third: The establishment, first in the principal industrial centers of the state, and then in the smaller industrial towns, of continuation classes, meeting at such intervals as may later be

decided upon, but not less frequently than once per week, in which the youth and the adults engaged in the several trades may secure systematic instruction in such subjects as are best adapted to their needs, while, at the same time, continuing their daily work. These classes will be taught by experts, sent from the nearest district headquarters at regular intervals.

Fourth: The development of correspondence study along industrial lines, for the benefit of such individual youth and adult workmen as cannot attend the continuation classes.

Fifth: It will undoubtedly prove advisable, as the work develops, to supplement the trade school work above outlined by special features, such as special courses of instruction or lectures, given by experts, along particular industrial lines, at different points in the state.

Sixth: The object of the trade school proper will be to provide training courses for stationary engineers and artisans who desire to engage in the various trades. Like the agricultural work, this should be developed and maintained in connection with the State College of Agriculture, until it is adequately cared for in connection with the public school educational system. It is especially adapted to young men who have passed the high school age and who have not the advantage of a high school or perhaps a secondary school education, but who may easily become competent skilled workmen.

WHAT ENGINEERING TRADE SCHOOL EXTENSION WOULD MEAN TO AN INDUSTRIAL COMMUNITY IN IOWA.

What engineering extension might mean for Iowa can best be judged from what it has already accomplished in a sister state in one industrial community. Wisconsin has the enviable distinction of being the first state to adopt engineering extension. A study of the Wisconsin work shows that in one district alone—the Milwaukee District—800 men are enrolled in the industrial extension department of the University of Wisconsin. In that one district, four organizers and four regular instructors have been engaged in the work during the past year. In addition, seven other instructors have assisted for portions of the time in giving instruction in special lines of work, including such subjects as Contract Law, Business Management, Accounting, etc. In addition to these,

five men of the regular University Faculty have given courses in special subjects, such as Heating and Ventilation, Industrial Teaching, and the like. In addition to this, six men prominently connected with the business interests of the city have given talks before the classes. What Wisconsin has accomplished in this one district is an indication of what Iowa may do with trade school extension when the work is properly developed. The work accomplished in Wisconsin has been of the greatest importance and value. Iowa can certainly do as well, and should do better.

APPROPRIATION NEEDED FOR TRADE SCHOOLS AND TRADE SCHOOL EXTENSION WORK.

The amount asked by the State Board of Education for the establishment of this work in Iowa is \$50,000.00 per year. This estimate was carefully made, after full consultation with the authorities in Wisconsin, who have so successfully developed this work in that State. We believe it to be the least possible amount which it is advisable to set aside for this work. We confidently hope that the work will so develop as to absolutely require the investment of larger sums of money for the best interests of Iowa, but we believe that with an appropriation of \$50,000.00 per year the work can be set on its feet, can be made to accomplish a great good, and can be put in position to show by its results whether or not it will be wise to extend it further.

SUMMARY OF APPROPRIATIONS RECOMMENDED FOR THE UNIVERSITY.

A—Increase of appropriations

	Increase per Annum
(1) Support Fund.....	\$ 65,000.00
(2) Repair and Contingent.....	15,000.00
(3) Library	5,000.00
(4) University Extension.....	15,000.00
	<hr/>
	\$100,000.00

B—Special appropriations for two years, 1913-1915

	Annual for 1913-15	Total for biennium 1913-15
(1) Equipment and supplies.....	\$ 7,500.00	\$ 15,000.00
(2) Equipment of buildings and buildings partially equipped.....	35,000.00	70,000.00
(3) Purchase of additional land.....	25,000.00	50,000.00
(4) Paving, sidewalks and campus.....	5,000.00	10,000.00
(5) 1,000 feet of underground tunnel at \$10.00 per foot, connecting the Central Heating Plant with the Hospital Heating Plant.....	5,000.00	10,000.00
Total special appropriations for the biennium....		\$155,000.00

THE UNIVERSITY.

The time covered by this report marks a notable period of advance at the University, both in right spirit and in material equipment. As the Board has become more intimately acquainted with its task of government, it has increasingly realized the significance of right spirit. Hard work, high aspirations, and loyalty are quite as important in progress as new buildings and material things, and in all of these the University has made good headway.

Devotion to the fundamental purposes of the University on the part of students and faculties has been coupled with better salaries for the instructional staff and increased facilities for teaching. The College of Medicine, for example, with the opening of the new wing to the University Hospital with its splendid laboratories, has taken a place among the few great medical colleges in this country. Similar progress has been made by the College of Law, and to a less extent, by the College of Liberal Arts. Higher efficiency is obvious, and this efficiency is caught swiftly by the schools of the state; and this, in turn, means that, either directly or indirectly, every home in Iowa is made better because of it.

Again, the University shows encouraging progress in attendance. The incoming classes have shown unprecedented increase. For example, the incoming class of 1912 is approximately 75 per cent. larger than the corresponding class of 1910. The Board feels that the liberality of the Thirty-fourth General Assembly has amply justified itself.

In general, the Board has aimed to be constructive, to lift up the quality of the work in each field which the University now touches, rather than to expand the scope of the institution. Frankly, it is not the purpose of the Board at present to extend the scope of the University, except as may necessarily be incident to the success of what has already been undertaken. It is the judgment of the Board, however, that the time has come when by a systematic effort more direct contact should be made between the University and the people of the state. The proper function of the University is three-fold: (1) instruction; (2) investigation for the advancement of knowledge; and (3) the carrying out of knowledge to the people of the state. The last function has been denied, practically, to the University.

The recommendations concerning the needs of the University for the biennium 1913-1915 are outlined in detail by the President of the University and are a part of this report.

BRIEF STATEMENT IN SUPPORT OF RECOMMENDATIONS FOR APPROPRIATIONS.

- (1) Educational Support Fund, Increase.....\$99,000.00

This increase is needed especially for the following purposes:

First: For the increase of salaries to the heads of departments and for additions to the faculties which are necessarily incident to the rapid increase in attendance, the sum of \$25,000.00 is required. When we consider the competition which the University must meet from other state universities in the Middle West, this sum is the minimum which should be considered. For example, the bar of the State will not be satisfied with the College of Law at the University unless the instruction offered there is of a high order. Men who are qualified to give such instruction cannot be had on salaries which are merely at the bread line of the cost of living. An increase of \$500.00 in the salary of each professor of law is imperative. A similar need exists among the other colleges of the University.

Second: In continuing at the University the work of the department of Domestic Science, which is now at the Iowa State Agricultural College, the budget of the department, which amounts to \$16,630, is transferred to the budget of the University. In view of the fact that there are now between seven and eight hundred girls at the University, additional instruction will undoubtedly be needed at once in this work. It is recommended, therefore, that this budget be increased to \$21,000.00.

Third: The work of the School of Education, which is to influence in a vital manner the secondary schools of the state, must be an inseparable part of a strong College of Liberal Arts, and of a Graduate College.

A College of Liberal Arts and a Graduate College are now maintained at the University at an annual cost in salaries of about \$200,000.00. By centering at the University all the work of professional education which aims to train teachers for the high schools, principals, and school superintendents, a vast duplication in liberal arts and graduate instruction is rendered unnecessary at the Iowa State Teachers College. The desire of the Board is that the funds of the State Teachers College be devoted to the problem of the rural schools and of the grade schools, which is the largest educational problem in Iowa. The problem, then, of the secondary schools, which can be handled at lowest cost at the University, is centered at the University. At the present time, there are approximately 230 students registered in courses in professional education at the University. In order now to meet the demand which the change of the Board contemplates, an additional support of \$16,000.00 annually is required by the School of Education at the University. Some years will be required for a complete adjustment of this plan, but in the long run this increase at the University will be offset many fold by the savings incident to duplication at the State Teachers College, and the sum thus saved will be directed toward the improvement of the rural and grade schools.

Fourth: Following the desire of the Board that the University should carry out knowledge directly to the people of the State, special attention is called to the need that this work begin with the political and social sciences. In the opinion of the Board, the state will profit by scientific knowledge of politics and social life quite as much as it will profit by scientific knowledge of agriculture. First, the departments covering these fields at the University must be greatly strengthened; second, these departments must touch vitally the life of the state. For this purpose \$14,000.00 is asked.

That the other states in the Middle West have realized the need for progress in this field by their state universities is suggested by the following data with regard to their respective departments of Economics and Sociology.

	Professors	Associate Professors	Assistant Professors	Instructors	Total
Wisconsin	8	1	4	5	18
Illinois	5	1	3	2	11
Minnesota	3		6	2	11
Michigan	4		1	5	10
Ohio	4	1	2	3	10
Nebraska	4	2	1	1	8
Iowa	2		2		4

Fifth: The establishment of a psychopathic hospital in the State of Iowa is only a matter of time. Such a hospital in a state is an agent for the conservation of life beyond the realization of those who have not given the matter careful study. The recommendation that the work be started at the University hospital by way of a psychopathic ward is here especially emphasized. Such a ward will serve the clinical teaching facilities of the

College of Medicine, and it will serve the state in the prevention of insanity. This ward may be established with the hearty cooperation of the Board of Control of State Institutions, at a cost of \$6,000.00.

Sixth: The sum of \$6,000.00 annually is asked for the increased support of the College of Fine Arts and of the College of Dentistry. In Dentistry, particularly, is there need of advancement. This profession is making headway similar to that of medicine, and the College of Dentistry at the University must improve its facilities or frankly admit that it is not in the first rank.

Seventh: Because of the extension of the plant of the University, no argument is here necessary for the recommendation that \$11,000.00 annually be added to the support fund for the purchase of coal and for the wages of employes.

Deduction: In making the recommendations given above for an increase in the support fund, attention is called to the fact that these recommendations amount to approximately \$99,000.00. From this amount has been deducted the sum of \$34,000.00, which is approximately the salary budget of the College of Applied Science, leaving a total of \$65,000 which is asked for the support fund.

(2) Repair and Contingent Fund Increase.....\$15,000.00

The need for an increase in the repair and contingent fund seems to the Board obvious. For many years this fund at the University has been inadequate. The result is that many of the buildings are in poor repair. It is in the interests of economy that the University buildings should be kept in good repair. The value of these buildings is about two million dollars. The Board asks that this fund, which for the last biennium amounted to \$40,000.00, be increased to \$70,000.00. With this increase the percentage on the investment for up-keep is 1.7%. This percentage is much lower than that figured by business concerns with similar equipment.

(3) Library Fund, Increase.....\$ 5,000.00

In the Colleges of Law, of Medicine and of Dentistry, the library facilities are quite inadequate. The Board believes that an increase in the library fund of \$5,000.00 annually is justifiable.

(4) Fund for Extension Work, Increase.....\$15,000.00

In almost any field covered by the University there is opportunity to carry out the knowledge of that field to the state. The entire state is the rightful campus of the University. For example, the sum of \$10,000.00 annually could scarcely be more wisely spent by the state than in providing, in cooperation with the municipalities and school districts of Iowa, for an examination of the mental and physical equipment of the school children, and for a proper adjustment between this equipment and the work which the children are set to do. Again, supplementing the work of the State Inspector of High Schools, the University could be of direct service to the high schools by establishing a closer relation between the

school of Education and these schools. Another feature of this work of extension is the publication of information bulletins.

The University of Wisconsin began the task of carrying the information of the University directly to the people of the state by means of an appropriation of \$35,000.00 annually. This appropriation was later increased to \$100,000.00. The Board believes that the sum of \$15,000.00 provided for this work at the University is sufficient for a beginning.

SPECIAL APPROPRIATIONS.

The reasons for the special appropriations which are asked for the University need not here be supplemented. No increase is asked in the fund for equipment and supplies, which amounts to \$15,000.00. Neither is any increase asked in the fund for paving, sidewalks and campus, which amounts to \$10,000.00. The renewal of these funds, however, is imperative. The Board is impelled to ask for an increase of the fund for equipment of new buildings and buildings partially equipped from \$40,000.00, as granted by the Thirty-fourth General Assembly, to \$70,000.00 for the biennium. During the biennium of 1913-1915, an unusual demand will arise for the increase of this appropriation. Of first importance is the equipment of laboratories for the household arts. For this purpose at least \$10,000.00 will be needed. In the College of Liberal Arts, the departments of Physics and Chemistry need increased support. Each of these departments is in a building quite inadequately equipped. At the University Hospital a ward for the obstetrical department should be provided; also more adequate laboratories for surgical pathology. Another strong claim upon this fund comes from the College of Dentistry, another from the College of Fine Arts. The entering class in 1912 is about 75 per cent larger than the entering class of 1910 on which the last biennium was figured. With this increase, additional equipment such as microscopes and laboratory tables is needed in nearly all of the laboratories; and new chairs and desks are needed in nearly every building.

The woman's building now nearing completion must be furnished out of this fund. The sum asked for is not adequate to the needs of the biennium.

Land. The problem of the acquisition of land about the University campus is one which must be struggled with for many years to come. The acquisition of the remainder of the blocks in which the hospitals and the medical laboratories are located, and

of the block north of the Armory is first in order. The block north of the Armory is greatly needed as an athletic ground for the girls of the University. The properties in these blocks, which have not as yet been acquired by the University, may be had for approximately \$125,000.00. The Board asks that the sum of \$50,000.00 be granted for the purchase of land during the next biennium.

Extension of Tunnel. The recommendation that \$10,000.00 for the biennium be granted for the construction of an underground tunnel to connect the central heating plant with the hospital heating plant, is one of the utmost importance.* The University Hospital with its 175 beds for patients is filled to its limit practically all of the winter. This building should not be dependent for its heat upon a single heating plant which might at any time break down. The Board considers it of the utmost importance that this underground tunnel be constructed at once.

SUMMARY OF APPROPRIATIONS RECOMMENDED FOR THE STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS.

A. Maintenance of all branches of work—Annual.

	Increase
(1) Educational Support Fund.....	\$125,000.00
(2) Agricultural Extension.....	50,000.00
(3) Two-Year and other Agricultural Short Courses.....	12,500.00
(4) Agricultural Experiment Station.....	50,000.00
(5) Trade Schools and Trade Schools Extension Work.....	50,000.00
(6) Engineering Experiment Station.....	5,000.00
(7) Good Roads	10,000.00
(8) Veterinary Practitioners' Course.....	5,000.00
(9) Veterinary Investigations.....	10,000.00
(10) Repair and Contingent Fund.....	10,000.00
	<hr/>
	\$327,500.00

B. Biennial Item to be made permanent.

- (11) Item of \$8,000.00 appropriated by Chapter 200, Laws 1911, annually for a period of two years for agricultural extension work to be made a permanent annual appropriation, beginning July 1, 1913.

C. Special appropriations, one-half of which aggregate may be used each year of the biennial period.

(12)	Additional equipment for departments, including furnishings for the new chemical laboratory and other buildings to be erected during the coming biennial period (1912-13, \$75,000.00 not permanent).....	75,000.00
(13)	Market Milk Equipment.....	10,000.00
(14)	Public Grounds Improvements (1912-13, \$35,000.00 not permanent)	15,000.00
(15)	Heating Plant Equipment, including Steam Lines.....	50,000.00
(16)	Water Works.....	5,000.00
(17)	Sewage Disposal Extension Plant.....	5,000.00
(18)	Enlargements of buildings and small additional buildings	40,000.00

BRIEF STATEMENT IN SUPPORT OF RECOMMENDATIONS FOR
APPROPRIATIONS.

(1) Educational Support Fund, Increase.....\$125,000.00

The increase is needed especially for three purposes:

First: To permit increasing salaries of some teachers. It is a fact that professors' and instructors' salaries in this institution are low compared with corresponding salaries in other institutions of same grade and even some of lower grade. For example, Heads of Departments here receive considerably less than \$3,000 per year, while such positions in other state colleges pay \$3,000 or more. The Dean of one department receives only \$2,700, while the corresponding position in another state college where the responsibility is not greater and equipment no better, pays \$4,500. Some instructors, assistant professors and associate professors are paid less than many high school teachers receive. The low salaries are a distinct hardship in view of the long continued gradual increase in cost of living, and in view of the fact that salaries in other lines have been increasing. Salaries should be increased on an average of 10 to 20 per cent.

Second: Increase is needed to provide larger amounts of money for necessary expenses of departments due to increasing number of students. The number of freshmen in 1909-10, when estimates were made for last budget, was 498, whereas the number of freshmen this year is 839, or about 70 per cent increase. Excluding the young women students, the increase is about 50 per cent. The large Freshman class of the present year indicates what may be expected in upper classes one or two years hence. This must mean the employment of additional teachers and larger expenditures for materials.

Third: Increase is desired to provide a wider scope of subjects for instruction. New courses are constantly being introduced by the subdivision of older ones and on account of the development of the sciences. For example, next year it is proposed to establish a course in Sanitary Production of Milk and Milk Inspection. Work of this kind is greatly

needed in Iowa as shown by bacteriological and chemical examinations of milk sold in cities and towns and by reports of epidemics which have been caused by impure milk. Certain other new courses are also in contemplation.

(2) Agricultural Extension, Increase.....\$50,000.00

This work has proven highly popular and of great service in carrying practical information and better methods to the farmer and his family on the farm and in the farm home and in the public schools. The demand for it has practically doubled in the past six months. The work is being organized on a better educational basis. Instruction is given in from thirty to forty short courses in every part of the state in farmers' institutes, county fairs, corn and colt shows, boys' and girls' clubs, and at county demonstration farms. Several counties have organized in co-operation with this college and the U. S. Department of Agriculture in employing a county agricultural adviser to give his whole time to agricultural instruction in each county. Probably half the counties in the state will wish to organize on this plan during the coming biennial period. The college should be in position, and have the funds, to co-operate. A state supervisor of county agents will be employed under arrangements already made to aid in organizing and conducting this work.

(3) Agricultural Short Courses, Increase..... 12,500.00

This work includes the two-year course in agriculture, and it is proposed to widen its scope so that this class of work may serve four to five hundred additional students. Such work will need to be maintained until the public school system of the state is prepared to offer similar instruction.

No more serious, faithful and earnest students come to this institution than those who have enrolled in the two-year course now being given. The College is rendering a great service to this class of young people whose circumstances are such that they are not able to take advantage of full four-year courses.

(4) Agricultural Experiment Station, Increase..... 50,000.00

It would be difficult to overstate the importance of the work of the Agricultural Experiment Station and its great service to the agricultural interests of the state and nation. This work furnishes the basis for agricultural education and extension. There is no greater industrial problem in the state than to find out and establish the best agricultural methods—those that will increase the output of the soil, multiply the state's resources, and maintain a heritage of unimpaired productiveness. Other and older states have failed to observe these fundamentals, to their enormous loss. A careful survey of the soils of the state is of fundamental importance. Dr. Hopkins, the eminent soils investigator of Illinois, recently said to the Iowa Bankers' Association, that on the basis of the present provision for this work, it will take Iowa more than 100 years to make a comprehensive soil survey. And he said that the state could

well afford to appropriate \$100,000 per year for 10 years to complete this work.

Other lines of agricultural research work which are of vital importance include economical meat production with its close relation to success in agriculture, engineering investigations with the possibility of improving the construction and sanitation of the farm home and other farm buildings, improvement of plants by means of breeding and selection so that yields may be largely increased, and other equally important subjects.

(5) Trade Schools and Trade School Extension Work

New Appropriation 50,000.00

The need for this work, and its proposed character, are fully stated elsewhere. This item is considered more important than any other of the increases for the Engineering Division.

(6) Engineering Experiment Station, Increase..... 5,000.00

The present appropriation is not sufficient to permit the employment of men capable of carrying on independent research work on their own initiative. The importance of the Engineering Experiment Station is becoming more and more recognized with the rapid development of manufacturing and other engineering industries of the state.

(8) Good Roads, Increase..... 10,000.00

(Appropriation for 1912-1913, \$10,000.00)

The work of the Highway commission has grown so rapidly that the funds now provided have proved inadequate, and the Commission is prevented from responding to a large number of requests for help which are received from road officers throughout the state. Even with the increased appropriation recommended, the amount thus used in this state would appear small as compared with corresponding funds in other states.

(9) Veterinary Practitioners Course, New Appropria-

tion 5,000.00

(10) Veterinary Investigations, New Appropriation... 10,000.00

It is proposed with the aid of these funds to provide special short courses of instruction for all veterinary practitioners of the state, and thus to offer them the latest knowledge concerning the development and use of serums, toxins, vaccines, and numerous new scientific tests, the use of new instruments, and the latest theories and developments in the rapidly increasing stock of veterinary knowledge.

It is proposed also to conduct special investigations of certain diseases that are more or less new and that are causing heavy losses to our live stock industry and threaten to become far more serious. Among these diseases are "paraplegia" or "breaking down," "rhinitis" or "snuffles," "hog cholera," and others. The value of live stock in Iowa runs high in the millions of dollars, and it would be a wise precaution to provide the

best trained investigator who can be obtained, allowing him to go wherever necessary to familiarize himself with live stock conditions throughout the state and to learn what has been accomplished elsewhere that is applicable to the needs of this state.

(11) Repair and Contingent Fund, Increase..... 10,000.00

(The appropriation for the year 1912-13 is \$36,000 and it was the same last year and the year before.)

An increase is now needed to assist in keeping in good condition the increased number of buildings and larger amount of equipment, steam lines, etc., installed on account of the rapid growth of the institution.

One large item requiring attention is the basement of the old agricultural building. This commodious space could be made use of by finishing the basement, enlarging its windows, and changing the level of some water and sewer pipes which are now suspended between the floor and ceiling.

(12) Making Permanent Appropriation for Extension

Work provided in Chapter 200, Laws of 1911.... 8,000.00

The need of this fund has been amply demonstrated, and its reappropriation on permanent basis is recommended in connection with the increase for agricultural extension work under item No. 2.

(13) Additional Equipment, etc..... 75,000.00

(Corresponding item for present year \$75,000, which is not a permanent appropriation.)

This is needed for the purchase of scientific apparatus, class room, laboratory and office furniture, and equipment, especially for the chemical laboratory which it is expected will be erected during the coming biennial period.

(14) Market Milk Equipment, New Appropriation.... 10,000.00

This is recommended to enable the college to give instruction in the production and handling of wholesome, sanitary milk, and to train dairy inspectors such as are now being demanded by large cities and some small cities. The need of educational work along this line is apparent in almost all states, but especially in Iowa where the dairy interests are so large and where so little has been done along this line. An examination of 23 samples of milk from about ten different cities in Iowa indicates the great need of better methods in connection with this industry. The bacterial count per cu. cm. ran as high as six million, with numerous samples considerably above one million. Such large infection indicates excessive contamination and poor methods of handling. The subject has a close relationship to the public health. This fund would provide sanitary stabling quarters, milk room and equipment, being a complete, small, practical plant which will serve as a valuable lesson for a large number of dairy farmer visitors as well as the students in the agricultural division.

(15) Public Grounds Improvements 15,000.00

(Corresponding item for 1912-13 was \$35,000.00 which was not a permanent appropriation.)

This item provides for further developing the plan of improving the campus, especially its roads.

(16) Heating Plant Equipment including steam lines.. 50,000.00

This item would provide for tunnels for supply pipes and electric wiring to new buildings, two 500 horse-power boilers and stokers and other equipment for same, smoke stack, new roof for power house, etc.

(17) Waterworks 5,000.00

This includes the balance necessary to construct new well and provide equipment, shelter and filters. For a long time the supply of water has been furnished almost entirely from one well, and with the breaking of the pump in that well a few weeks ago, the college was placed in a very difficult and dangerous condition. Even with the well working at its best it has been impossible at times to keep a reserve of water in the large storage tank, and when temporary means were installed for pumping water, there were times when the buildings were not supplied. It is now proposed to install a duplicate well with equipment as indicated.

(18) Sewage Disposal Plant..... 5,000.00

It is proposed to enlarge the present plant by constructing new gravel beds and possibly new septic tanks, on account of the large additional flow which is due to the growth of the institution.

(19) Enlargement of Buildings and Small Additional Buildings 40,000.00

This sum would provide relief from much over-crowding of class rooms, laboratories and shops. Among the improvements proposed are the following, with estimates:

A repair shop for the Department of Grounds.....\$ 6,000.00

(Carpenter, plumber and paint supplies require considerable storage space, and this is now provided in several different buildings where the space is needed for other purposes. It is costly to the Department to have its supplies and headquarters for its men located at different places, and undoubtedly some loss of materials results. Also there is additional fire risk to college buildings used for teaching purposes by the storage of such articles as paints.)

One dairy farm horse barn.....\$ 1,700.00

(It is desired to remove horses from the dairy barn for sanitary reasons, as well as the very important reason that additional room for dairy stock is required in the main barn.)

Special quarters for dairy farm bulls.....	1,425.00
(The necessity of maintaining several breeds of cattle for instruction purposes makes it desirable to provide separate quarters for bulls.)	
Poultry houses.....	1,350.00
(Additional poultry houses are needed to provide for the instruction of the larger classes in poultry husbandry.)	
Agricultural Engineering Annex	10,000.00
(The agricultural engineering department is in need of suitable quarters for storing and demonstrating large tractors and other heavy machinery, and the largely increased enrollment in this department makes it necessary that larger quarters be provided for shop work in blacksmithing.)	
Students' Quarters, cattle shed, and judging pavilion..	10,000.00
(The location of the dairy farm about a mile away from the college campus makes it necessary that a shed or pavilion be provided for stock judging and demonstration work at the dairy farm. It is also desirable that students' quarters be provided there for the accommodation of students that may be assigned to the work of caring for stock and obtaining practical instruction.)	
Shelter for Rattler and Grinding Machines.....	950.00
(It is proposed to build a small addition to the Structural and Hydraulic Laboratory at a point which will not disfigure the building, to accommodate the rattler and grinding machines of the Civil Engineering Department.)	
Mechanical Engineering Storage Quarters.....	1,000.00
(This is needed for storage of foundry frames and other material used in the shops, and to provide for the foundry rattler.)	
Outside kiln and shed for Ceramics.....	1,000.00
(The chief need for this is due to the fact that kilns are now in space used also for other purposes, and when the blast is on, there is so much heat as to make other work uncomfortable, if not impossible.)	
Engineering Annex	5,000.00
(This is one of the most urgent of these minor items. It is intended to provide an addition to the Engineering Annex so designed as to be part of a future larger extension and in full harmony with the building. It would accommodate the power station of the electrical department and the electrical and civil engineering shops.)	
Other minor improvements	1,575.00

APPROPRIATIONS IN OTHER STATES.

WISCONSIN.

Actual expenses of the College of Agriculture and Agricultural Experiment Station for the year 1912-13 (excluding Home Economics)\$411,000.00

ILLINOIS.

Amount appropriated for the present biennial of the Agricultural College and Experiment Station.....\$952,300.00

Only \$153,000.00 of this is for buildings, and \$20,000.00 for land, the balance being for salaries, maintenance, ordinary expenses, special investigations and equipment.

The State provides a special fund of \$22,500.00 for hog cholera.

NEW YORK.

For the State College of Agriculture, the legislature this year will be asked to provide for one year's maintenance.....\$500,000.00

An additional amount for enlarging present buildings and constructing new ones.....\$300,000.00

An appropriation for another large building may be added.

This Agricultural College now has 1183 students, besides some post-graduates, which may bring the total attendance to 1300, besides one-course students.

The above items are in addition to Federal Funds.

The maintenance item from the state for this college for the present year is.....\$341,000.00

The New York State Veterinary College receives from the State \$45,000.00 as compared with \$27,000.00 in Iowa—about the same number of students.

MINNESOTA.

Disbursement for the Agricultural College and Experiment Station for the year 1911-12 for general purposes.....\$357,000.00

Appropriations for buildings and equipments, 1912-13.....\$284,200.00

In addition to this, large appropriations are made for sub-stations and demonstration farms.

NEBRASKA.

Special appropriations for hog cholera.....\$15,000.00

The items above refer to appropriations for agricultural work. None of these institutions has as many agricultural students as at Ames. Appropriations made for this College are for Agriculture, Engineering and all other purposes.

APPROPRIATIONS FOR THE STATE TEACHERS' COLLEGE.

President Seerley has made the following recommendations in regard to the appropriations for the State Teachers' College for the coming biennium:

1. Support Funds Required.

(a) Additional Teachers Fund, annually.....	\$23,500.00
(b) Additional Contingent Fund, annually.....	17,500.00
(c) Additional Summer Term Fund, annually.....	6,500.00
	\$47,500.00

2. Special Funds Required.

(a) Furniture Fund for New Training School Building and new Emergency Hospital.....	\$ 5,500.00
(b) Paving Fund needed to complete the Quadrangle....	1,800.00
	\$ 7,300.00

The discontinuance of fees charged students who attend this institution is entirely justified, because these young people are poorly paid and every inducement should be offered them to take the training which is absolutely necessary to prepare themselves for their work. We believe that with an effective organization for the development of the country schools, to be brought about as referred to in another part of this report, the attendance at Cedar Falls will be larger than ever before.

Notwithstanding the fact that the last two years of collegiate work are discontinued, it is the desire and earnest purpose of the board to direct the work of this institution along the lines indicated, and to increase the attendance and make the institution stronger than ever before in its particular field. Therefore, the services of the members of the faculty will be needed for the purpose of carrying on and developing other lines of work, and taking care of the students who will undoubtedly be brought into that institution.

Furthermore, it is to be said that students of this class are entitled to and should receive the benefit of the very best instruction which can be found for that purpose. Work of this kind cannot be done by inexperienced and inferior teachers; and for this reason

it is the desire of the Board to keep in the institution all the strong members of the faculty to the end that the best instruction may be given to this class of students.

In this connection, it must be remembered that, until additional normal schools are established and developed, the burden of properly preparing teachers for the rural and elementary schools will rest upon the State Teachers' College; and even with all its splendid facilities and efficient faculties, it will be able to perform this work for only a comparatively small number of those who are actually needed. When the details of the work proposed for this institution are further worked out, it may be that the Board will desire to change the amount of appropriations asked for. It is the intention to request the General Assembly to appropriate an amount sufficient for the needs of this institution in carrying out this important line of work, and at the same time maintaining the excellence of the work now being done there, within the scope of the functions of this institution as now defined.

COLLEGE FOR THE BLIND.

The Thirty-fourth General Assembly intrusted to this Board the government of the institution known as the College for the Blind, located at Vinton. This action was probably taken because the legislature regarded this institution as primarily an educational institution and therefore decided that it properly belonged under the Board of Education.

Very early the Board became impressed with the fact that its members knew very little about such institutions, and it was therefore deemed wise to appoint a committee to make a systematic study of similar schools for the purpose of determining, first, what was being done in this particular field by other institutions, and second, whether our Iowa institution was doing its work according to the best standards. The committee thus appointed, consisting of Senator Funk and Messrs. Brenton and Leavitt and the members of the Finance Committee, visited the following institutions: The Ohio School for the Blind at Columbus, the Western Pennsylvania School for the Blind at Pittsburgh, the Eastern Pennsylvania School for the Blind at Overbrook, the New York

Institute for the Blind at New York City, and the Perkins Institute at Boston.

As a result of this study, it appeared that, while our Iowa institution, considering its equipment and the amount of money expended, is doing just as good work as it is possible to do, nevertheless the fact remains that Iowa is not in the front rank in this particular department of education. Reference being had to the report submitted by Superintendent Eaton, it will be seen that the per capita allowance for the Iowa School for the Blind, to-wit, \$282.50 per annum, is less by \$81.30 than the average of twenty-one institutions whose reports have been studied, namely: those of Texas, Colorado, Montana, Utah, Idaho, Missouri, Illinois, Nebraska, Washington, Wisconsin, Maryland, Kentucky, Kansas, Michigan, California, South Dakota, Oregon, and two each in New York and Pennsylvania.

It should be said, and we do say that, taking into consideration the amount of money at its disposal, Iowa is getting more for a dollar than is being obtained in any of the institutions visited by the Board's committee. But we should not be content with this state of affairs. The support fund should be increased in the sum of \$7,600.00 annually, making a total of \$40,000.00 instead of \$32,400.00. Two thousand dollars should be added to the appropriation of one thousand dollars previously granted for the installation of a well and the equipment of the same, so that the institution may be sure of a plentiful supply of pure water, the appropriation of one thousand dollars having been found entirely inadequate. The sum of \$3,000.00 should be appropriated for the contingent fund.

The uses to which the additional support fund should be put are: First, an increase of salaries for teachers, in order that the very best instruction possible in this field may be given at our institution; second, the College is lacking in equipment. If the needs along this line were to be met at once, it would require a much larger sum than the one indicated; but this is a matter which can be taken care of gradually.

Buildings. The main building at this institution is old, and while strongly built, contains as now arranged much waste room and is sadly in need of repair. The Board's architect was recently directed to examine this building carefully and, after con-

sultation with the superintendent, to submit plans for its remodeling, in order to make it serve the needs of present day instruction in this field. The tentative plans submitted by the architect would if carried out make this building modern and fire-proof, and the Board strongly urges upon the General Assembly an appropriation sufficient to carry out these plans, namely sixty-five thousand dollars.

The men in charge of the institutions visited by the Board's committee are a unit in saying that the ideal method of taking care of blind pupils is the cottage system. They declare that only by means of this system can pupils be taught that self-reliance which comes from dependence upon one's self for the ordinary everyday duties of life. For example, where this system is in vogue and not more than twenty pupils are housed in a single unit, pupils of both sexes are required to take care of their own rooms, and in some instances to wait upon their own tables; and it has been found that they do these things quite well. Where a school is maintained upon the institutional plan, this is manifestly impossible, and these experts say that when students come out from institutionally conducted schools they are often quite helpless, and, becoming discouraged, go backward rather than forward.

The plans which the Board has in mind for the ultimate solution of the problems of this school are:

First, the remodeling of the old building as suggested above, this building to be used for administrative and teaching purposes and to house the major portion of the teaching force and the older pupils.

Second, the erection of a kindergarten building where the younger pupils could be housed, cared for and taught separately from the older students. An appropriation of \$50,000.00 for this purpose is asked for, to be made available in 1914.

Third, the separation of the sexes, as far as possible.

While not material, perhaps, the name of this institution should be changed. The term "College" is a misnomer. What the institution really aims to do is to give to blind children an education similar to that given in the public schools, including the high school, with special instruction in music for those who display talent along this line. The Iowa School for the Blind would be

a much more appropriate designation than the Iowa College for the Blind.

For a more detailed statement as to the work being done and the needs of this institution, the exhaustive report of the superintendent is cited.

(EXHIBIT A.)

To the Iowa State Board of Education.

GENTLEMEN:—The time is approaching when the biennial report of the Board to the General Assembly must become an object of consideration. In the report two years ago the Board virtually pledged itself to say something definite concerning the coordination of the three institutions of higher learning entrusted to its care by the Acts of the Thirty-third General Assembly. The three years which have passed have been none too long for a study of the whole situation, but has the time not now arrived when some definite plan should be decided upon? In other words, are the institutions to continue practically as they have been in the past—separate institutions, each conducting its work without any special thought of the others, or, shall the Board undertake to explicitly define the function of each to the end that they may in reality constitute what will be to all intents and purposes a single institution?

Other states wiser than our own, it would now seem, elected to do this at the beginning. The Iowa State Board of Education is in no wise responsible for the past, but the people of Iowa have a right to look to it for the future. The intent of the Legislature which called this Board into being is exceedingly plain.

This is primarily the Board's problem. The institutions themselves, bound by traditions, and with that personal and institutional pride which is altogether natural, can scarcely be expected to do otherwise than strive to keep everything they now have and add to it if possible. This was illustrated in the course of the deliberations of the Committee of Fifteen. That committee did the major portion of its work admirably, but the committee on the functions of the three institutions has never made a report, and probably never will. Is it not clearly the duty of the Board now to define the scope of each of the three institutions and to coordinate their activities into one cooperating whole for the service of the State?

Your Finance Committee, with what ability and energy it possesses, has given much time and thought to this problem and has sought advice from expert sources wherever it was possible to do so. We are thoroughly convinced that it is possible to work out a scheme of coordination that will put an end to unjustifiable duplications now costing the state, needlessly, many thousands of dollars, and in the end serve the educational needs of the commonwealth far better than they are now being served.

Everywhere this question is being asked: "What is an efficient system of schools for an American commonwealth?" As has been well said, this is a problem of the entire country and necessarily it is one in relation to which all other questions of the Board must be viewed.

The purpose of this paper is to present certain recommendations in an effort to be helpful toward the solution of some of these problems. With this end in view, we desire to state, first, as we see them, a few of the fundamental and essential qualifications which stand out in a right system of schools.

1. The schools of Iowa, from the elementary grades to the University, should each be a part of a consistent system, cooperating in a general plan.

2. The elementary schools are today the universal agency of the state to give to every boy and girl the elements of a simple and thorough training. We must look to these schools to continue in this function and to pledge themselves to greater simplicity, sincerity and thoroughness.

3. As life in Iowa becomes more diverse, we must provide not only for the general elementary education of the great mass of youth, but we must provide also the means by which each individual may become an effective economic unit. In other words, the vocational school must become almost as universal as the elementary school.

4. The three institutions of higher learning in Iowa must train almost wholly for a limited group of professions, no matter what system of school exists. It is in the interests of society to get its professional men and women at this high line; and society, in our judgment, will continue to hold high the conditions for admission to the professions.

There are in Iowa 677,000 boys and girls of school age. Sixty thousand of these are in the high schools of the state. Less than 7,000 of these are in the three institutions of higher learning. How is Iowa to make each of the 677,000 an effective economic unit as well as an intelligent member of a self-governing democracy? Since the days of the Greek Republic the task has been tried and we believe that no intelligent man today is ready to dogmatize upon it. We must all do some straight thinking, and, working together, proceed slowly, grasping the problem as a whole.

Experience indicates that there must be in every strong community not only a high school for those looking toward professional life, but also a vocational school for those looking toward business and the trades. Both of these must articulate with the elementary schools. No rigid lines may today be drawn between the high school and the vocational school; and all of these schools, in the very nature of the case, must be local. Further, these schools must give the great mass of young citizens thinking ability, a right conception of civic duty, and a vocational start at an age not to exceed eighteen. It is clearly hopeless to look to the higher institutions of learning as a training place for the great mass of men and women. The problem is overwhelming in its significance.

The first step in the solution of the problem, undoubtedly, is to eliminate all confusion as to the function of each of the three institutions at the head of the system. These institutions, taken as a whole, constitute the state's chiefest public service corporation and its primary source of guidance in education. They must strengthen, supplement, and develop the work of all, or fail in the purpose of their existence. They are organically one institution and not three, and surely as long as any rivalry exists among the parts, Iowa is educationally crippled. If the top of the school system of the state is not clear in its purpose, we may expect confusion reaching down into the primary grades.

Let us consider, first, then, the future of the three institutions of higher learning. Each one of them—the Iowa State Teachers College, the State Agricultural College, and the University of Iowa—has been organized as a separate institution. Each has developed with little reference to the others. No unifying principle has existed as a basis of their growth; for, until the present Board was created, there was no adequate authority to compel the recognition of such principle.

The result of this isolated growth is that, while the work at each institution has been, on the whole, creditable, the rivalry and competition among them have led to waste and useless duplication, lowering the standard which might have been attained. In other words, the State should have for its expenditure upon higher education three cooperating centers, each serving the interests of the state under a single defensible plan, and not three independent centers competing with one another. The present arrangement is (1) extravagant, and (2) it leads to weaknesses which are avoidable.

The Thirty-third General Assembly of Iowa has created the adequate authority for progress along lines of coordination and, in our judgment, the time has come for the exercise of this authority. There is obligation now on the part of the three institutions to assist the Board in fulfilling its purpose, even though some sacrifice on the part of each is thereby necessitated. There is obligation that each of the institutions should view itself as a contributing and cooperating member of an organic whole. Institutional interests must be subservient to the larger conception of the educational welfare of Iowa. Clearly the time has come when we must choose between the institutional point of view and the state point of view; and unless we choose the latter, even with a single Board in control, we are without guiding principle for healthy educational development consonant with the needs of the people of Iowa. On the other hand, it is quite important that the Board keep in mind in all of its considerations—

1. That the present status of the three institutions must be viewed not alone as an abstract or hypothetical problem of coordination, but also in the light of its historical development.

2. That all the forces, geographical, personal, political, and sentimental, which have shaped the present development, must be thoroughly considered, because these forces will continue to influence further development. The Board should not unnecessarily antagonize these forces, but rather, in so far as possible, enlist them along right lines.

3. That no genuine constructive work can be done without positive moral courage. The Board should give to the people of Iowa full reasons for any actions which it may take in fulfillment of its duty and then trust the result to the fair-mindedness of these people.

STATEMENT OF PROBLEMS.

This study does not include an analysis of all of the problems which the Iowa State Board of Education might reasonably consider today in a well-balanced system of education for the state. It dwells upon the most significant of these problems and by way of recommendation goes so far as, in our judgment, it would be wise to go at this time. These problems are—

I. *Duplication of work in engineering at the Iowa State College and at the University.*

To a consideration of this situation the following data concerning the two departments of engineering are significant:

	Date of Founding	Value of Plant and Equipment	Salary Budget	FACULTIES		No. of Students Enrolled
				Profs.	Instrs.	
Iowa State	1862	\$550,000	\$60,000	24	16	589
University	1905*	201,059	36,460	8	10	165

In the nature of engineering courses offered, degrees are granted at Ames in Mechanical, Civil, Electrical and Mining Engineering. Similar work is offered at the University in Mechanical, Electrical, Chemical and General Engineering. What solution, now, in view of the foregoing facts, is most expedient?

It is unfortunate, perhaps, that engineering was not originally and solely developed at the University. A college of applied science is an essential factor in nearly every great university. Our own University will not be ideally complete without one. The present problem is to deal with what is, rather than what might have been.

The historical development of the work in engineering at Ames is an element in the problem which must be given due weight. The data given above shows the advantages of the work in engineering at the Agricultural College in age, equipment, and in number of present students. The Iowa State College has abundantly illustrated that good work in this field can be accomplished at this institution.

A further reason why the engineering of the two institutions should be consolidated at the Agricultural College is that far less friction, personal and sentimental, will be aroused by this procedure. In the interests of Iowa today it is vastly more important that the three institutions be rightly coordinated than that its interests in instruction in engineering be located at Ames or at the University.

* The department of Engineering has existed for many years at the University, but the above date indicates the time when the College of Applied Science as now organized was established.

All things considered, therefore, we recommend, in order that this co-ordination be accomplished, that the College of Engineering at the University be completely discontinued and that a sound college of engineering be further developed at Ames.

II. *The second problem relates to the training of teachers for the public schools of Iowa and to the duplication in this field between the Iowa State Teachers College and the University.*

In the public mind, especially in Iowa, there is confusion as to the function of a normal school. By very general consent, substantiated by wide practice in the United States, the following definition of a state normal school is accepted:

"A state normal school is a professional school of secondary grade established, maintained and administered by the state for the purpose of training teachers. It should be superimposed upon the high school and should require two years of academic and professional work in about equal proportion, its main purpose being to develop scholarly habits, professional knowledge, mental attitude and teaching power in the teachers of the elementary schools."

The normal school, as a professional school, should be differentiated from a department of education of a college or university. The function of the former is to train elementary school teachers and of the latter to train secondary school teachers and school administrators. A normal school is not a high school or college. It is distinctly professional and cannot be substituted for the one or the other.

In the state of Iowa an excellent normal school has been developed in the State Teachers College. In recent years a college department of education has also been fostered at this institution, resulting in duplication of similar work at the University. This duplication, again, leads to extravagance and a lowering of quality in the work. At the State Teachers College there are now 499 students registered in college work in education beyond the sophomore year. At the University 290 are carrying similar work. These students will presumably become high school teachers and school administrators.

At the Teachers College there are 1,645 students in true normal courses, preparing to serve in elementary school work.

At the present time there are employed in Iowa 16,000 teachers in the rural schools and elementary grades. About 5,000 new teachers are needed annually in order to maintain this number. Surely Iowa needs teachers professionally qualified for this work, teachers who see in a clear light the need of hitching our rural schools to rural life. In the secondary or high school field and in the field of school administration there are employed in the state about 4,000 teachers. About 300 new teachers are needed annually in order to maintain this number. If Iowa is to hold its own in social rank with other states, these teachers must have college training as well as professional training in education. Already many of the higher positions are open only to those who, in addition to a college course, have pursued a year or more of graduate study. In states where

legislation has defined the way, as in California, college graduation is required of all secondary school teachers; and this is the usual requirement today among city school boards.

In order now to supply the demand in Iowa for secondary school teachers and school administrators, one of two courses is open to the Iowa State Board of Education.

1. To develop a thorough college of liberal arts at the Teachers College in connection with professional courses in education. Such development necessitates strong departments in the modern and ancient languages, in philosophy, in psychology and in each of the sciences. It necessitates extensive laboratories, and museums.

2. To centralize at the University all of the training of high school teachers and of school administrators.

Reasons for the latter course on the part of the Board are:

First. That a strong college of liberal arts already exists at the University and must continue to exist at the University. The annual cost of this work in salaries to professors and instructors is \$167,805.

Second. That the facilities for professional training in education are thoroughly established at the University and by comparatively slight increase in expenditure would be adequate to supply the entire demand.

Third. That advanced and graduate courses in the various liberal arts subjects are established at the University, enrolling 223 graduate students, most of whom expect to teach. To duplicate these courses at the Teachers College would be futile extravagance.

Fourth. That the most potent educational need in Iowa today is a supply of properly trained teachers for the rural and elementary schools. To meet the demand in this field will more than exhaust the present resources of the Teachers College. This institution should not only bend all of its energies to this mission, but it should encourage the establishment of several additional institutions in other parts of the state to aid in the same service. There are in Iowa 16,000 teachers in the elementary field and to work out the problems in connection with their task is a century's solid struggle. With this division of this field, the University would, in connection with the colleges of Iowa, work intensively upon the secondary problem.

Fifth. That this general plan of coordination is in line with the resolutions of the National Educational Association (Report of the Committee of Seventeen, 1907). It is approved also by Dr. Kendrick C. Babcock, Specialist in Higher Education in the Bureau of Education at Washington; by Dean James E. Russell, of Teachers College, Columbia University, and by Dr. Henry S. Pritchett, President of the Carnegie Foundation.

In view of these considerations, we recommend that the function of the Iowa State Teachers College be to train teachers for the rural and elementary schools; and that all work in professional educational training and in liberal arts beyond the sophomore year, or two years beyond a four-year high school course, be discontinued.

III. *Duplication of work in liberal arts at the State Agricultural College and at the University.*

Under the proposed plan of coordination, the function of the State Agricultural College will be almost exclusively to serve agriculture and the profession of engineering in Iowa. Naturally this work will necessitate certain duplications in courses with the University courses in mathematics, in English, in modern language and in economics. Such duplications now exist and they should continue to exist with this restriction: At the State Agricultural College they should each serve as a means of efficiency to a professional course and not as a part of a separate and general culture course. In other words, it is clearly not wise for the state to support a college of liberal arts at Ames and to duplicate this work at the University. At the Agricultural College today 82 students are enrolled in a general science course, leading to the degree of Bachelor of Science. This work has been fused with the classical course at the University where 1,107 students are enrolled in a similar course, leading to the degree of Bachelor of Arts and continuing naturally, for those who desire it, into graduate study.

We recommend that all work usually embraced in a liberal arts course be supplementary and subservient to the aim of professional courses in agriculture and engineering at the State Agricultural College and that no liberal arts degree (Bachelor of Science or Bachelor of Arts) be granted at that institution.

Under this last recommendation, we include also the courses in domestic science at the Agricultural College, in which there are at present 148 students enrolled. This work should be transferred to the University, first, because domestic science for women should be pursued in connection with a wide range of subjects in liberal culture. These now exist at the University. Second, in justice to the increasing number of women at the University (now 795 in attendance), this field of instruction must be established at an early date. Third, the Board has committed itself to the development of a college of fine arts at the University and this in connection with a strong college of liberal arts is a most valuable adjunct for those interested in household arts.

A summary of the recommendations made above follows:

1. That all work in engineering be centered at the Agricultural College. This change will affect 165 students at the University of Iowa.
2. That all courses in professional education and in liberal arts now existent in the Iowa State Teachers College which extend beyond the sophomore year be discontinued. This change will affect 499 students.
3. That all courses in General Science and in Domestic Science at the State Agricultural College be discontinued and that the field of household arts be opened at the University. This change will affect 148 students in domestic science and 82 in general science at the Agricultural College.

All of these changes recommended raise immediately questions of minor importance. It is not wise, in our judgment, to confuse the main issues of the proposed plan by a consideration at this time of details. These

changes will go a very long way toward bringing the three institutions into right relations to one another, and toward accomplishing the main purpose for which the Iowa State Board of Education was created. In general, we recommend that the plan as outlined go into effect in toto in September, 1913.

EXHIBIT B.

DEPARTMENT OF THE INTERIOR.

BUREAU OF EDUCATION.
WASHINGTON.

August 26, 1912.

My Dear Sir:

In accordance with your request I have studied carefully the memorandum which you sent me outlining a tentative plan for the coordination of the three institutions of higher learning under the control of the Iowa State Board of Education. It impresses me as a lucid, logical, and courageous statement of a very difficult problem which confronts other states as well as Iowa, and as offering a solution which is timely, equitable, judicious, and practicable. I have watched for many years the development of the complex situation in Iowa and in some ten or twelve other states having similar conditions, with growing surprise that the people of these states should continue to tolerate such cumulatively unwholesome and extravagant rivalry of state-supported institutions.

In recent years public sentiment has demanded more and more insistently in these states that the resources for higher education, which have been poured out with astonishing generosity, shall be applied so as to secure businesslike economy in equipment and administration, efficiency and inspiration in teaching and in research, and vital relation to the present and future needs of great and progressive commonwealths. The tentative plan of coordination proposed by your memorandum would, it appears to me, go far towards meeting such reasonable demands. It would secure a wise adjustment of the different state agencies for higher education in Iowa, and would constitute a real contribution to a movement for higher educational efficiency, with deep significance for other states.

The principles involved in the proposed readjustment are sound. The state as a whole, exercising a sort of popular sovereignty in higher education, must determine where and how its highest purposes in education are to be wrought out. It must meet the proper demands for diversification of opportunity without waste and with loyalty to noble standards.

It must in large measure disregard past tendencies in the opposite direction and securely establish a unified, consistent, harmonious policy of organization and administration, capable of indefinite expansion. It must require the subordination of the claims of priority of establishment, the ambition of individuals, institutions, and localities, and the exigencies of politics, to the larger good through the long decades.

To an outside observer no adequate reason appears for the state to maintain two colleges of education in competition or two colleges of engineering, any more than for it to maintain rival medical or law schools. Pushing these arguments a little further, it might be well for a state like Iowa to consider the advisability of refraining from the establishment of specialized courses leading to degrees in marine engineering, mining engineering, architecture, etc., in which other states, with superior natural advantages, have already developed strong courses with admirable equipment and have attracted sufficiently large bodies of students to give vigorous impetus and professional spirit to the work. The proposal to confine the work of the Iowa State Teachers College to the preparation of teachers for the rural and elementary schools in which there is acute need for better teachers in large numbers, seems unquestionably wise. Even if this institution were crowded to its full capacity for this intermediate work there would still be urgent need for similar schools in other parts of the great State of Iowa.

By way of summary, I am convinced that the execution of the plan which you have suggested, or of one not greatly unlike it in substance, with firmness and consideration, would be approved in the long run as both farsighted and statesmanlike.

I have the honor to be

Very truly yours,

KENDRICK C. BABCOCK,
Specialist in Higher Education.

EXHIBIT C.

THE CARNEGIE FOUNDATION
FOR THE ADVANCEMENT OF TEACHING.
576 FIFTH AVENUE.

Santa Barbara, Cal., Aug. 19, 1912.

Dear Sir:

Your letter of August 14th, enclosing memorandum has just been received and I will answer it in a few days as soon as I have time to study it thoroughly. I write this now so that you may understand if I should be delayed a few days, it will be on account of press of work.

I can answer, I think, without misgiving, one question you ask in your letter, namely: "Would it be feasible or wise to attempt to develop at the University a school of engineering of distinctly higher grade than the one at Ames?" My answer to this is unequivocally that it would be neither feasible nor wise to make such an attempt. It is perfectly natural that the University should feel that to take over the College of Applied Science will emasculate the University, but this is pure sentiment. The University will always retain strong departments of physics and chem-

istry. Its work in science will be just as dignified as if it were spread over the field of engineering, and it will be no more emasculated than it would be if you cut off the department of Greek. The fact is in this matter, you must not expect unbiased judgment from your professors. They stand too near the question, but all experience has shown that the attempt to maintain two schools of engineering, one of which is a graduate school, or a school of research, or whatever it calls itself, is an impossibility. You would have the same old competition. As you know, I have always believed that the right solution was to leave the engineering at the University and make of the Agricultural College a pure agricultural school, but if that solution is impossible, then it is wiser to concentrate your engineering at one place.

I will answer your letter in detail in a few days.

Yours sincerely,

HENRY S. PRITCHETT.

EXHIBIT D.

Santa Barbara, Cal., Aug. 26, 1912.

Dear Sir:

I received some five or six days ago your letter of August 14th, containing a memorandum to be submitted to the Board of Education by the Finance Committee, suggesting a plan for the coordination of the three institutions of higher learning under control of the State Board.

I may say that with the general conclusions summarized on page 14 of this memorandum, I in the main agree. I venture to give below such variations from this plan as seem to me most important.

This memorandum is especially admirable because it views the state's system of education as one thing, and undertakes to relate these higher institutions to the state system as a whole.

In the matter of the duplicate engineering schools, there can be no difference of opinion in the committee's conclusion that the present duplication is absolutely unjustifiable, and that it leads not only to waste, but to unwholesome rivalry and that it ought to stop. If the whole matter could be gone into anew, the situation would never occur. The problem is to readjust the matter now in the best practicable way.

There are strong educational reasons for leaving the school of engineering in the University, but two of these reasons are pre-eminent.

In the first place the school of applied science in the present day is on the university basis, it is educationally at home in our American universities as they are now organized.

But the strongest reason of all for leaving the teaching of engineering to the University, is that only in this way will the teaching of agriculture have a fair chance. The school of agriculture and the school of engineer-

ing are educationally incongruous. The school of agriculture ought to teach pre-eminently the trade of farming. Even though it does research work in its experimental station and conducts certain classes of high order, its primary function ought to be not the training of agricultural teachers, but the training of farmers, and the cultivation of the means by which the scientific knowledge in a practical form can be put into the hands of farmers. The greater part of this work is not on a professional plane. Students of agriculture ought not be required to comply with the same academic standards as those who expect to enter the profession of engineering.

The engineering school on the other hand, as I have said a moment ago, is distinctly a professional school on a university basis.

The two kinds of education are incongruous and do not go well together. The engineering school under such conditions always tends to overshadow the school of agriculture. It appeals to the students who come to the school as being something higher than agriculture, and many of them who come to the school with the intention of following an agricultural calling are led off into engineering.

Where they are associated together, the agricultural school tends to become a training place for agricultural teachers. Very few of the graduates of such school go into actual farming. How many graduates of the Iowa Agricultural and Mechanical College are actually engaged in operating farms? Very few indeed in comparison to those who are in the profession of engineering. My impression is that more lawyers than farmers have come from the Agricultural College graduates, but its chief work is and has been for some time, the training of engineers for Iowa and more particularly for nearby states. The cheapness of living and the rather low standards which existed before the creation of this board, operated to draw students from other states.

In my judgment the interests of agriculture will be subserved by making the agricultural college a straight out school of agriculture, with entrance requirements suited to the needs of those who wish to become practical farmers. I should not make these academic requirements for admission higher than the equipment afforded by the elementary school. If the state of Iowa desires to help agriculture and to train men for the farms, the way to do it is to make of the agricultural college a straight school of agriculture, and to spend some of the money which would be saved from the abolition of the engineering school in the establishment and maintenance of experimental farms, so situated as to be convenient to the farmers of the whole state. So long as the school of engineering and the school of agriculture are yoked together, the team will pull unevenly, and mainly on the engineering side. The tendency will always be felt to have standards in engineering that are too low and standards in agriculture that are too high. The output of graduates of such an institution will consist as the graduates of Iowa Agricultural and Mechanical College have consisted in the past, almost altogether of engineers and other professional men. Those who have taken the agricultural courses and have graduated in them, will be found generally filling professors' chairs or employed in technical work in the Department of

Agriculture. The great and important reason for separating the engineering school from the agricultural school is to give the school of agriculture a fair chance.

Let us consider the matter from the standpoint of the University. While the natural place for the school of engineering is in the University, nevertheless it is quite unfair to insist that such a school is necessary for the existence of a strong University. None of the great universities of Europe, Berlin, Paris, Vienna, Munich, for example, include in their faculties a school of applied sciences. No educational theory is more fallacious than the pronouncement so common in our country that a university must teach everything. The University of Iowa will be just as truly a university without the school of engineering as it is today without the school of theology. However true it is that the University is the natural home of the school of applied sciences, and however valuable such schools may be to a particular state, the claim that the lack of the school of applied sciences prevents an institution from being a strong University, is untenable. The fact is, the State of Iowa would not be seriously affected, either industrially or otherwise, if it had no school of applied sciences within its borders. Iowa is not a manufacturing or mining state, it is primarily an agricultural state. It does not need a great number of engineers within its borders. The engineering profession today is overcrowded, and the State of Iowa is surrounded by good engineering schools. This is no argument against maintaining one such school of high order, but in my judgment the state would educationally and industrially be better off with no engineering school, and with a University growing along good lines, and the agricultural school developed in such a way as to train men for actual farming, than it would be under any arrangement which couples engineering and agriculture together.

I can well understand that there are difficulties in the way of an ideal solution. An outsider is, however, naturally enforced to speak from the standpoint of educational efficiency. What the difficulties are he does not know. It is now just fifty years since the passage of the first Morrill bill which created the Agricultural and Mechanical Colleges. In the light of the experience which we have had, there is now the opportunity to build an agricultural school which shall really minister to agriculture. It seems to me that the State of Iowa has here an exceptional opportunity to build an agricultural school in the widest and most practical sense. In my judgment that will turn out to be impossible if agriculture and engineering are to remain yoked together.

The problem of the normal school seems in some respects more easy of solution. Whether wisely or unwisely, the normal school has become in our American states the accepted method of training teachers for the elementary school. The normal school in Iowa should, in my judgment, give itself absolutely to this work, which is perhaps the most important educational work which the state has to do. The school ought also to abandon absolutely, in my judgment, the giving of college degrees and the offering of a course in arts. Whether a single institution can effec-

tively train the teachers for a great state like Iowa, is a detail which I assume does not need to be considered here.

The matter of duplication of general courses between the college of agriculture and the arts college of the University is not a matter of serious moment under any conception of their functions. The same general subjects, English, mathematics, chemistry, must be taught at both. It should be made clear, however the differentiation is finally made, that no courses leading to degrees shall be duplicated. The mere taking of English or of physics at both places has no significance from the standpoint of unwholesome duplication.

I venture to add a word concerning the personal issues which will be raised in this effort. The teachers in these three schools, particularly in those departments which are directly affected, will be under great anxiety until these interests are settled. It is greatly to be desired that this situation may not be allowed either to work injustice to the teachers, nor yet that these interests affect too much the settlement of a great question. It is asking too much of any human being under such circumstances to take an unprejudiced and judicial view of such a question. The teachers whose places may be vacated by a certain administrative action will not be able in many instances to view that action impartially and fairly. It will be equally a serious mistake to treat these teachers unfairly and unjustly. It will be still more serious if their fears and disappointments are to determine the solution of a great public question. The State of Iowa can well afford to take such action as will enable these men until adjustment is made to be secure against sudden and harsh changes. On the other hand, the State of Iowa cannot afford to settle a great educational question in the wrong way in order to avoid the disappointments which the right solution might cause. It will cost the state far more in the long run to make the wrong educational solution than it would to take care of all these teachers for all the rest of their natural lives. I venture to hope, therefore, that the Board will take into account the uncomfortable situation in which many of these teachers will be brought by this re-organization, and that it will deal generously and fairly with them, but at the same time I hope that the Board will feel itself strong enough to serve first the people of Iowa. It is to them that all three institutions belong, and it is their interest which is to be conserved by any change which may be attempted.

Very truly yours,

HENRY S. PRITCHETT.

EXHIBIT E.

UNIVERSITY OF MISSOURI,
COLUMBIA.

OFFICE OF THE PRESIDENT.

August 10, 1912.

My Dear Sir:

Some days ago I received your favor of July 23d and a copy of your proposed report to the Iowa State Board of Education. I have read and reread the report with great interest, and have carefully examined the catalogues of the three state institutions in charge of your Board. I now feel that I can make my comment rather brief. I agree with the report from beginning to end, and only wish to supplement it by a few suggestions as follows:

1. I am pleased to note that the report is not only influenced by logic but by the history of the situation and the present facts as well. Logically, the school of engineering should be at the University, but under your conditions I see no reason why the University should now proceed to develop a school of engineering unless it is to be made of distinctly higher grade than the one at Ames and to emphasize strongly engineering research, a great field which so far has been very much neglected. Doubtless your schools of law and medicine at Iowa City will soon be requiring at least two years of college work for admission, if they are not already doing so. A school of engineering based upon such entrance requirements and extending over three or four years of applied scientific and technical studies, would be justifiable, whereas the typical college of engineering offering identical work with that offered at Ames, does not seem to be justified.

2. Your recommendation that the advanced college work in academic subjects should not be offered at Teachers College, seems to me sound; and I venture to suggest one argument in support of it which is not referred to in your report. There are so many students of the freshman and sophomore college grades that to have the academic work distributed over several state institutions is not necessarily an uneconomic arrangement; but the number of students in any of our states doing advanced college and graduate academic work is so small that it is very much more economical to handle it all in one institution. In our University, which is about the size of the University of Iowa, we rarely have to section classes that are intended primarily for juniors, seniors and graduates. But we have to section classes that are intended primarily for freshmen and sophomores, even our classes in Greek. I claim, therefore, that the state is not wasting money in having our state normal schools do freshman and sophomore collegiate academic work, but it is wasting money in permitting those schools to hold on to a few students of junior and senior college grade when they could be accommodated at the State University with practically no additional expense.

3. I have never been able to understand why the State Agricultural College should be made responsible for the development of special education for women. Work in domestic science should be associated with the general scientific and literary work which women naturally take as part of a college education. Such work should be well developed at the State University. Further, I can see no excuse for the maintenance of a general science curriculum at the State College of Agriculture and Mechanic Arts. Such a plan is too evidently meant to catch students who normally belong to the College of Arts and Science of the University.

In looking over the catalogue of the State College of Agriculture and Mechanic Arts, I find that there is maintained a School of Music, or a School of Music is affiliated with the College. Now, again, it seems to me clear that while some instruction in music is well enough as a cultural element in any vocational curriculum, a school of music if maintained should be maintained as part of a school of fine arts at the University. I find no reference to this in your report, perhaps because the School at Ames is only affiliated with the State College.

I cannot too strongly endorse the general spirit and content of your report to the State Board of Education. I believe that if the Iowa Board will carry out these recommendations it will render an important educational and economic service to the State of Iowa and to the entire country, because more than one other state is beset with similar problems.

I congratulate you most heartily on the report proposed.

Very sincerely yours,

A. ROSS HILL.

EXHIBIT F.

New York, Sept. 11, 1912.

My Dear Sir:

The proposal of the State Board of Education of Iowa for correlating the work of the higher educational institutions of that state, is received.

I have carefully read the same and considered the suggestions made.

Upon the whole, considering the inherent difficulties of the situation, it seems to me that you have made as wise a decision as is practicable. The position you take regarding the function of the normal school, limiting its work to the preparation of teachers for the elementary and ward schools, is fundamentally sound. The successful preparation of teachers for this class of schools is a task sufficiently large to occupy the entire energies of the Cedar Falls school, and a normal school should be content with this work and regard it as one of far-reaching importance.

The placing of the College of Education with the University is also wholly sound. A College of Education as a thing apart from a College of Liberal Arts is unthinkable. The only possible way by which the normal school at Cedar Falls could satisfactorily give the work of a

College of Education would be for it to become also a College of Liberal Arts, and thus duplicate the very central work of the University.

Placing the College of Engineering at the State College in Iowa and the work in Domestic Science at the University is probably the best you can do. It is a misfortune that the University and the State College are separate, and in depriving the University of engineering work and the Agricultural College of domestic science work, you are merely paying a part of the penalty of having two institutions instead of one.

Since, from a practical point of view, it is probably impossible to consolidate the University and the State College, it seems to me that you have made the best compromise securable under existing conditions. The larger number of the engineers are at the State College, therefore place the Engineering at that institution. Much the larger number of women are at the University, therefore place domestic science there.

Very truly yours,

CHARLES R. VAN HISE,
President University of Wisconsin.

EXHIBIT G.

STATE OF NEW YORK, EDUCATION DEPARTMENT.

COMMISSIONER'S ROOM.

Albany, Sept. 4, 1912.

My Dear Sir:

I have your favor of August 30th, concerning the plan for the coordination of the institutions of higher learning under the control of the Iowa State Board of Education.

I ought to have answered your earlier letter, but did not return from Europe until the second week in August, and have been very busy and not quite as well as usual since then.

It is extremely experimental, if not sensational, to undertake to coordinate under one management three educational institutions of essentially different purposes and certainly very different plans, and of somewhat different grade. I have no confident opinion about the outcome. In my judgment the outcome will be ultimately unsatisfactory unless the members of the board of trustees and particularly those who exercise the most vital influence in administration, are large enough and strong enough to know what each department in each institution requires, and are able to put each in its right place, give it what it needs, and hold it there. After all, this can not be done except by a large dependence upon the presidents of the several institutions, and in turn that will be worse than worthless unless the presidents are men to be depended upon. I happen to know that certain of them are men to be depended upon if they are allowed independence of judgment and action, but how it will work with

the scheme now in operation in Iowa is, to say the least, problematical. I wish the whole scheme in each institution well, with all my heart, but I must be excused from any very confident opinions upon matters that have so little basis of human experience in advanced school administration.

Very sincerely yours,

A. S. DRAPER.

EXHIBIT H.

TEACHERS' COLLEGE.

COLUMBIA UNIVERSITY, NEW YORK.

OFFICE OF THE DEAN.

September 23, 1912.

My Dear Sir:

In reply to your letter of the 16th instant, I beg to say that no one who is not intimately familiar with the local situation in Iowa is competent to judge on all the points submitted in your memorandum. I assume, however, that you are asking advice on the more general problems in order that you may settle the specific ones in the way most agreeable to all concerned. My answers, therefore, have reference to the general policy applicable to any State, rather than to the adjustment which may best fit Iowa.

1. The foundation of all our educational system is the elementary school. In most states the elementary school is rural. Everywhere it is conceded that our rural schools are lamentably deficient, chiefly so because teachers are poorly trained and ill-equipped to give instruction that fits into farm life. We are slowly coming to realize that a rural school is bound to fail if it is run on the lines of the city elementary school. The present situation is largely due to the fact that our normal schools have been working on city lines. I say that without intending to criticize the normal schools. They have been obliged to meet the most pressing demands, and the call from the city has so far been the most insistent and remunerative. But I am convinced that from this time on rural teachers will be better paid and that those who are thoroughly fitted for the work will be in great demand. In my judgment, therefore, the chief task of the normal school in the next generation will be to ascertain how to train teachers for rural schools, to educate rural communities to the point of demanding a suitable rural education and to elevate the professional position of the rural teacher. All this is a great work—probably the greatest educational work ever attempted in this country. It is the most interesting and inspiring task that has ever been proposed to any body of educators. Any institution fortunate enough to be permitted to enter upon it is to be congratulated.

2. The training of teachers for high schools and of administrative officers should be superimposed upon a sound collegiate foundation. It is useless to talk of professional training for persons who do not have a good academic training. In fact, the ordinary college course is insufficient. High school teachers need *specialized* information, in precisely the way that lawyers, engineers or farmers need specialized information. The ordinary Arts course does not give that kind of training. Hence the criticism of those who advocate normal school training as a corrective, and of those who would remedy defects by a post-graduate course in academic studies. Both are right and both are wrong. What is wanted is a general education as broad and liberal as circumstances will permit; next, specialization along the lines which the teacher will follow; then training to develop technical skill in teaching.

3. It needs no demonstration that the cheapest way for any state to train its secondary teachers is in connection with the State University. Every department of such an institution is already equipped to give the first steps in the preparation of the high school teacher. The diversity of interests in secondary education makes imperative a wide range of studies. The necessary subjects can be given, of course, anywhere, but when a state needs only a few hundred teachers a year it is not good financial policy to duplicate collegiate courses for a few when they must be given in a university for many. Moreover, it is no easy task to build up a thoroughly good Arts course even in one institution; to say nothing of the difficulty and indirect loss involved in trying to maintain two or more such courses under one general management. If the two were equally good the chances are that both would be inferior; while with the funds expended upon two, one good school might be maintained. In other words, I regard the separation of the Arts work into two institutions as tending to lower the quality of both, or as increasing unduly the expense of what the state needs.

4. The chief criticism of the University as a training school for teachers is that it restricts itself to the academic work and opposes all professional interests. We should have no law school, or medical school, or engineering school, worthy of respect if these schools were relegated to the position of departments in a college and the administration vested in the typical college faculty. Professional work presupposes specialized knowledge—mechanics as well as physics, statute law as well as economics and ethics, pathology as well as physiology. So the teacher needs to study every subject in the light of its uses in the school-room and from the viewpoint of the school pupil. Next comes the practical application of his knowledge in actual school work, as guided and determined by sound educational theory and practice. Unless the University is prepared to do for the teachers what it does for the engineer, the lawyer, and the physician, the training of teachers might better be entrusted to the normal school—better a poor training along right lines, than something supposedly better directed away from the proper goal. I believe that a School of Education should be a part of every State University, that it should have charge of the instruction in specialized academic courses and give the theoretical and practical courses in second-

ary education and school management, and that it should have access to a real school or school system for the same reasons that a clinic and a hospital are needed in connection with a medical school.

5. In my scheme, the normal school should confine itself to the training of teachers for elementary schools. In order to save expense, until the school becomes unduly large, I would have both phases of elementary education (rural and urban) taught in the same institution, but there is enough difference in point of view and in spirit to warrant two distinct courses—one for rural teachers, the other for teachers in city schools. Of course, there would be much overlapping, but in some way rural teachers must be made to feel that they are in no sense inferior to city teachers. The creation of a proper attitude of mind and the infusion of high ideals are quite as important in teacher training as anywhere else in the world—much more important, in fact, than in most other vocations and professions. Hence, I would do everything possible to exalt the work of the rural teacher, as compared with the teaching in city schools; and for similar reasons I would dignify the study of elementary education in general. Such a process is most difficult in a university atmosphere. Almost to the present day collegiate conventions and traditions have succeeded in strangling the training of secondary teachers. In many universities the process is still going on, but it can be overcome, and the university association can be made a source of strength in the training of secondary teachers and school administrators. I doubt if it is possible in the elementary field. Fortunately, the great number of teachers needed annually in elementary schools makes it quite as economical to segregate them in a special institution. Hence, the separate normal school.

6. So far as the situation in Iowa is concerned, I think the normal school has been fully justified in training secondary teachers, but my opinion is based on the wretchedly poor support given to the department of education in the University. The moment the University is prepared to treat secondary education as it treats other professional work, that moment the normal school can go over body and soul to the greater task of meeting the needs of the state in elementary education. The elementary field, including rural education, offers incomparably the greater and more inspiring work, but it will need all the ingenuity and self-sacrifice of the normal school faculty, coupled with the strongest support that your board can give, to educate the state to a realization of its dependence upon the elementary teacher (rural as well as urban) for the conveyance to the people of that culture and scientific knowledge which the University and the Agricultural College are designed to afford.

I realize that this is a long letter; perhaps too long to be of any use to you, but I am greatly interested in what you are doing, and would gladly be of some service to you. According to my present plans, I expect to be in the central west late in October, and if you can use me in any way you are free to command.

I am

Sincerely yours,

JAS. E. RUSSELL.

FINANCIAL AND EXPENSE REPORT
OF THE
Board and Finance Committee
FOR THE
BIENNIAL PERIOD 1910-12

Endowment Fund College of Agriculture;
Mileage, Per Diem and Expense of the Members of the Board;
Salaries and Expense of the Finance Committee and Employes;
General Office Expenses

ENDOWMENT FUND OF IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS

At the close of the last biennial period, the Endowment Fund of the Iowa State College of Agriculture and Mechanic Arts stood as follows:

Farm mortgages.....	\$686,750.00
Cash in hands of Treasurer of State.....	27.97
Total	<u>\$686,777.97</u>

During the biennial period there was added to this fund the sum of \$40.00 received from the sale of donated land in Story County to W. C. Foster on June 3, 1911, making the total amount of this fund at the date of this report \$686,817.97.

The movement of this fund during the biennial period has been as follows:

Loans in force June 30, 1910.....	\$686,750.00
Loans repaid during the biennial period.....	124,700.00
Balance	<u>\$562,050.00</u>
Loans made during the biennial period.....	121,750.00
Loans in force June 30, 1912.....	<u>\$683,800.00</u>
Cash in hands of Treasurer of State.....	3,017.97
Total	<u>\$686,817.97</u>

In addition to this, loans amounting to \$128,400.00 have been renewed for periods ranging from one to ten years.

For quite a good many years loans from this fund were made at five per cent interest. During the past two years almost all the loans made and renewed have been at the rate of five and one-half per cent.

All interest due at the close of this biennial period has been paid.

Included in the above loans is one for \$2,500.00 dated June 25, 1912, on which the cash was not drawn from the treasury until July 8, 1912.

PER DIEM, MILEAGE AND EXPENSE.

For the office of State Board of Education from July 1, 1910, to June 30, 1912, inclusive. Paid from appropriations under Chapter 170, Sections 10 and 11, acts of the Thirty-third General Assembly, and Chapter 192, Sections 28 and 29, Acts of the Thirty-fourth General Assembly.

To Whom Paid— Member of the Board of Education	Messages, Stenog- raphers, Etc.	Per Diem	Mileage	Amount
J. H. Trewin, president	\$ 403.77	\$ 735.00	\$ 140.48	\$ 1,279.25
A. B. Funk		714.00	282.50	996.50
D. D. Murphy		686.00	364.20	1,050.20
George T. Baker		595.00	184.68	779.68
Charles R. Brenton		322.00	136.26	458.26
P. K. Holbrook		588.00	252.76	840.76
E. P. Schoentgen		511.00	231.18	742.18
T. D. Foster		28.00	10.80	38.80
Roger Leavitt		245.00	55.68	300.68
Totals	\$ 403.77	\$ 4,424.00	\$ 1,658.54	\$ 6,486.31

FINANCE COMMITTEE—SALARIES, MILEAGE AND EXPENSE.

For the office of Finance Committee of the State Board of Education from July 1, 1910, to June 30, 1912, inclusive. Paid from appropriation under Chapter 170, Sections 10 and 11, Acts of the Thirty-third General Assembly.

To Whom Paid— Members of the Finance Committee	Salaries	Traveling Expenses	Releasing Mortgages Etc.	Amount
W. R. Boyd, chairman	\$ 7,000.00	\$ 2,965.17		\$ 9,965.17
Thos. Lambert	7,000.00	3,189.88		10,189.88
D. A. Emery, secretary	7,000.00	593.39	\$ 9.06	7,602.45
Totals	\$ 21,000.00	\$ 6,748.44	\$ 9.06	\$ 27,757.50

INSPECTOR OF SECONDARY SCHOOLS—SALARIES AND MILEAGE.

For the office of Inspector of Secondary Schools of the State Board of Education, from July 1, 1910, to June 30, 1912. Paid from appropriation under Chapter 170, Sections 10 and 11, Acts of the Thirty-third General Assembly.

To Whom Paid	Salary	Traveling Expenses	Amount
F. C. Ensign, 13 months at \$183.33-----	\$ 2,383.33	\$ 1,174.68	\$ 3,558.01
P. E. McClenahan, 11 months at \$166.66-----	1,833.33	564.97	2,398.30
Totals -----	\$ 4,216.66	\$ 1,739.65	\$ 5,956.31

EMPLOYEES—SALARIES, MILEAGE AND EXPENSE.

For the office of the State Board of Education from July 1, 1910, to June 30, 1912, inclusive. Paid from appropriation under Chapter 170, Sections 10 and 11, Acts of the Thirty-third General Assembly.

To Whom Paid	Salary	Traveling Expenses	Amount
J. W. Bowdish, auditor and accountant, 2 years at \$150 per month-----	\$ 3,600.00	\$ 321.50	\$ 3,921.50
Lida M. Erwin, stenographer and file clerk, 14 months at \$75.00; 10 months at \$85.00 per month-----	1,900.00	1.70	1,901.70
Millicent Warriner, stenographer, 8 months, 21 days, at \$65.00 per month-----	570.00		570.00
Jennie Sonnenschein, stenographer extra-----	52.50		52.50
Blaise and Blaise, stenographer extra-----	73.80		73.80
Eleanor M. Hutchinson, stenographer extra-----	4.50		4.50
Totals -----	\$ 6,200.80	\$ 323.20	\$ 6,524.00

TRAVELING EXPENSES—FINANCE COMMITTEE AND EMPLOYEES.

For the Iowa State Board of Education from July 1, 1910, to June 30, 1912, inclusive. Also including traveling expenses of members of Finance Committee, and Inspector of Secondary Schools, which had not been allowed at date of last report. Paid from appropriation under Chapter 170, Section 10, of the laws of the Thirty-third General Assembly.

Date	To Whom Paid and For What Purpose	Amount
1909	W. R. BOYD— September 1, Iowa City to Cedar Rapids, .57; B. and D., Burkley, 1.00; telephone, Seerley, Cedar Falls, .40; Raymond, Iowa City .25; Stuckslager, Lisbon, .20; 2d, Cedar Rapids to Cedar Falls and return, 2.34; D., Burr Hotel, .50; S., cafe, 35; bus, .15; street car, .10; 3d, stenographer, 1.00 4th, Cedar Rapids to Iowa City and return 1.15; D., cafe, .40, telephone, Trewin, Earlville, .30; telephone Dr. Storms, Ames, .60; telegram, Dr. Storms, Ames .40; 19th, telephone, Lambert, Sabula, .50; 20th, Iowa City to Cedar Rapids and return, 1.15; lunch, cafe, .40; telegram, Baker, .25; 21st, Cedar Rapids to Iowa City and return, 1.15; D. and S., Burkley, 1.00; telegram, Proudfoot, .25; telephone, Cedar Falls, .40; 22d, Cedar Rapids to Cedar Falls, 1.17; Cedar Falls to Des Moines, 2.15; D., Cedar Falls,	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Burr, .50; S., G. W. dining car, .85; telephone, Cummings, Lisbon, .35; street car, .20; 23rd, Des Moines, Chamberlain, B., .50; D., .50; S., .75; lodging, 2.00; street car, .20; 24th, Des Moines to Iowa City, 2.41; Iowa City to Cedar Rapids, .57; lodging, Des Moines, Chamberlain, 2.00; B. dining car, .70; Iowa City, Burkley, D. and S., 1.00; telegram, Ellsworth, .25; 27th, Cedar Rapids to Iowa City and return, 1.15; Cedar Rapids to Ames, 2.14; Iowa City, Burkley, B., .50; S., .30; lodging, Ames, College Hall, .75; 28th, Ames to Des Moines, .74; B., College Hall, .25; S., Des Moines, Chamberlain, .85; lodging, 1.50; telegram, Cummings, .25; street car, .10; 29th, Des Moines, Chamberlain, B., .50; D., .60; S., .75; 30th, Des Moines to Iowa City, 2.41; D., dining car, .75; S., Iowa City, Burkley, .50; lodging, 1.00	\$ 46.12
	October 1, Iowa City to Cedar Rapids, .58; B., .50, D., .50, Iowa City, Burkley; 2d, 1 ten-trip book between Iowa City and Cedar Rapids, 5.00; Cedar Rapids to Iowa City, first trip, Iowa City to Cedar Rapids, second trip, D., .40, S., .50, Iowa City Cafe; 4th, Cedar Rapids to Iowa City, third trip, Iowa City to Des Moines, 2.41; D. and S., Iowa City, Burkley, 1.00; lodging, Des Moines, Chamberlain, 1.50; 5th, Des Moines, B., .50, D., .50, S., .75, lodging, 1.50, Chamberlain, street car, .20; 6th, Des Moines, B., .45, D., .60, S., .75, lodging, 1.50, street car, .30; 7th, Des Moines to Ames and return, O. & N. W., 1.48; Des Moines, Chamberlain, B., .60, S., .85, D., Ames, .40; lodging, Des Moines, Chamberlain, 1.50; street car, .20, telegram, Trewin, .25; 8th, Des Moines, B., .50, D., .60, S., .75, L., 1.50, Chamberlain, street car, .20; Com. Record book, 1.25; 9th, Des Moines, B., .50, D., .50, Chamberlain; 10th, spent day with friends; 11th, Des Moines to Iowa City, 2.41; Iowa City to Cedar Rapids, fourth trip, D., R. I. dining car, .85; S., Iowa City, Burkley, .50; street car, .10; 12th, Cedar Rapids to Cedar Falls, 1.17, Cedar Falls, D., .50, S., .50, L., .50, Burr Hotel; street car, .20; 13th, Cedar Falls to Des Moines, 2.15; Cedar Falls, B., .50, D., .50, Burr Hotel; S., Great Western dining car, .85; L., Des Moines, Chamberlain, 1.50; Tel. Nurse O. R., .40; street car, .10; 14th, Des Moines to Ames, .70; Des Moines, B., .50, D., .65, Chamberlain; Ames, S., .30, lodging, .75; College Hall; street car, .20; 15th, Ames to Cedar Rapids, 2.14; B., Ames, .25, D., .30; College Hall; 16th, Cedar Rapids to Iowa City and return, 5th and 6th trips, D., Iowa City, cafe, .45; stenographer, .75; 17th, Tel. Seerley, I. C., .25; 18th, Cedar Rapids to Iowa City, 7th trip, Iowa City, D., .40, S., .50, cafe; lodging, 1.00, Burkley; stenog., .50; Ex. from Des Moines office, .45; 19th, B., .35, L., .50, S., .50, cafe, Iowa City, lodging, Iowa City, Burkley 1.00; 20th, Iowa City, B., .50, D., .50, L., 1.00, Burkley; Tel., Lambert, Ames, .60; 21st, Iowa City to Cedar Rapids, 8th trip, Iowa City, B., .50, D., .50, Burkley; S., .40, cafe, Tel., Lambert, Ames, .60; 22d, stenographer, .75; 25th, Tel. McChesney, .25; 26th, Cedar Rapids to Iowa City and return, 9th and 10th trip, Iowa City, D., .50, S., .40, cafe; tel. Lambert, Chicago, .50 and Lambert, Sabula, .30; 27th, Cedar Rapids to Cedar Falls, 1.17, S. and L., Cedar Falls, 1.00; Tel. Iowa City-Ames, .40; Pres. McLean, .25; Thos. Schloss, .40; Cedar Rapids to Ames, 1.74; B. and D., Cedar Falls, 1.00; S., G. W. dining car, .85; lodging, Ames Hotel, .50; street car, .20; Tel., Stanton, .50; street car, Ames, .10; 29th, Ames to Iowa City, 3.11; B., .50, Ames Hotel; D., .50, Des Moines cafe; S., .35, lodging, Iowa City, Burkley, 1.00; street car, .10; 30th, ten-trip book, Iowa City-Cedar Rapids, 5.00; Iowa City to Cedar Rapids, 1st trip, Iowa City, B., .50, D., .50, Burkley; Tel., Flexner, .50; Tel., Lambert, .70; stenographer, .75; 31st, telegram, Lambert, Ackley, .50; telephone, Lambert, Ackley, .55	85.66
	November 2d, Cedar Rapids to Iowa City, 2d trip, Iowa City, D., .50, S., .50, L., 1.00, Burkley, 3d, Iowa City, B., .50, D., .50, Burkley, L., 1.00; 4th, Iowa City to Coralville, .05; Coralville to Iowa City, .05; inspect dam, .10; Iowa City, B., .50, D., .50, S., .50, L., 1.00, Burkley; 5th, Iowa City to Cedar Rapids, 3rd trip; Iowa City, B., .50, D., .50, Burkley; 6th, stenographer, 1.50; 8th, stenographer, 1.00; 9th, Cedar Rapids to Cedar Falls, 1.17; Cedar Falls, S., .50, L., .50, Burr Hotel; street car, .10; 10th, Cedar Falls, B., .50, D., .50, S., .50, L., .50, Burr Hotel; street car, .30; telegram, McChesney, Iowa City, .25; 11th, Cedar Falls to Cedar Rapids, 1.17; Cedar Falls, B., .50, D., .50, S., .40, Burr Hotel; street car, .20; 12th, Cedar Rapids to Iowa City, 4th trip, Iowa City, D., .50, S., .50, L., 1.00, Burkley; stenographer, .50; 13th, Iowa City to Cedar Rapids, 5th trip; Iowa City, B., .50, D., .50, S., .50, Burkley; telegram, Emery	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Ottumwa, .25; 15th, Cedar Rapids to Iowa City, 6th trip, Iowa City, D., .50, S., .50, L., 1.00, Burkley; telephone, Lambert, at Sabula, .60; 16th, Iowa City to Des Moines, 2.41; Iowa City, B., .50, D., .50, S., .50, Burkley; Des Moines, L., 1.50, Chamberlain; 17th, Des Moines to Ames, .70, Ames to Des Moines, .70; Ames, B., .25, D., .25, College Hall; Des Moines, S., .75; L., 1.50, Chamberlain; 18th, Des Moines to Iowa City, 2.41; Des Moines, B., .40; R. I. dining car, D., .90; Iowa City, S., .50, L., 1.00, Burkley; 19th, Iowa City, B., .50, S., .50, L., 1.00, Burkley; 20th, Iowa City to Cedar Rapids, 7th trip, Iowa City, B., .50, D., .50, S., .50, Burkley; 2d, Cedar Rapids to Iowa City, 8th trip; Iowa City, S., .50, L., 1.00, Burkley, Tel. Swisher, Iowa City, .25; sleeper, 1.50; stenographer, 1.00; 23rd, Iowa City to Des Moines, 2.41; Des Moines to Ames, .70; R. I. dining car, B., .75; lunch, cafe, .55, S., .25, L., .75, College Hall; 24th, Ames to Cedar Rapids, 2.14, Ames, B., .25, C. & N. W. dining car, D., .85; 26th, Cedar Rapids to Iowa City, 9th trip, Iowa City, D., .50, S., .50, L., 1.00, Burkley; telephone, Cedar Rapids, .25; 27th, Iowa City to Cedar Rapids, 10th trip, Iowa City, B., .50, D., .50, S., .50, Burkley, telephone, Trewin, .25; 29th, Cedar Rapids to Des Moines, 2.88; Des Moines, D., .60, S., .75, L., 1.50, Chamberlain; street car, .10; 30th, Des Moines to Iowa City, 2.41; Des Moines, B., .45, cafe, D., .90, R. I. dining car, S., .50, L., 1.00, Burkley, Iowa City	71.90
	December 1st, ten-trip mileage book between Iowa City and Cedar Rapids, 5.00; Iowa City to Cedar Rapids, 1st trip; B., .50, D., .50, Burkley, stenographer, .50; 2d, at Cedar Rapids, preparing for board meeting, stenographer, 1.00; 3d, Cedar Rapids to Iowa City, 2d trip, Iowa City, D., .80, cafe, S., .50, L., 1.00, Burkley; 4th, Iowa City to Cedar Rapids, 3rd trip, Iowa City, B., .30, D., .50, Burkley Cafe; .85, Ames, Ames Hotel, L., .50, street car, .10; 21st, Ames, Ames Hotel Des Moines, 1.50; 6th, Des Moines to Ames, .74, Ames to Des Moines, .74, Des Moines, B., .40, West Cafe, Ames, D., .25, College Hall, Depot, S., .45; L., 1.50, Chamberlain, street car, .20; 7th, Des Moines, B., .45, D., .25, S., .75, L., 1.50, Chamberlain; street car, .20; 8th, Des Moines, B., .50, D., .25, S., .75, L., 1.50, Chamberlain; street car, .20; 9th, Des Moines to Iowa City, 2.41, Iowa City to Cedar Rapids, 4th trip, depot cafe, B., .45; R. I. dining car, D., .98; I. C. Cafe, S., .50; 10th, board meeting at Cedar Rapids; 11th, stenographer, .75; 13th, Cedar Rapids to Cedar Falls, 1.17; Cedar Falls to Cedar Rapids, 1.17; Cedar Falls D., .50 Burr Hotel; S., .50, cafe; street car, .20; 14th, Cedar Rapids to Iowa City, 5th trip, Iowa City to Davenport, 1.08; Iowa City, D., .40; cafe, Davenport, S., .75, L., 2.00, Davenport Hotel; 15th, Davenport to Des Moines, 3.49; B., .60, Davenport Hotel; sleeper, Davenport to Des Moines, 1.50; 16th, Des Moines to Ames, .74, Rock Island dining car, B., .65; Des Moines, D., .60, Chamberlain; Ames, S., .50, L., .50, Arlington; 17th, Ames to Cedar Rapids, 2.14; Cedar Rapids to Iowa City, 6th trip, Ames, B., .50, Arlington; N. W. dining car, D., .80, I. C., S., .50, L., 1.00; Burkley; street car, .10; 18th, Iowa City to Cedar Rapids, 7th trip, Iowa City, B., .50, D., .40, S., .40, cafe; telephone, Trewin, Cedar Rapids, .25; 20th, Cedar Rapids to Iowa City, 8th trip; Iowa City, D., .50, S., .50, L., 1.00, Burkley; telephone, 772 C. R., .25; 21st, Iowa City, B., .50, D., .50, S., .50, L., 1.00, Burkley; 22d, Iowa City to Cedar Rapids, 9th trip, Iowa City, B., .50, D., .50, Burkley; telephone, Cedar Falls, .60; 23rd, stenographer, 1.00; 24th, Cedar Rapids to Iowa City, 10th trip; one ten-trip mileage book between Iowa City and Cedar Rapids, 5.00; Iowa City to Cedar Rapids, 1st trip, Iowa City, D., .30, S., .30, cafe; 27th, Cedar Rapids to Iowa City, 2d trip; Iowa City to Cedar Rapids, 3rd trip; Iowa City, D., .50, S., .50, Burkley; telephone, Dr. Guthrie, .60, telephone, Emery, .50; 28th, stenographer, 2.50; 29th, telephone, Bowdish, 20, stenographer, 2.50; 31st, Cedar Rapids to Iowa City, 4th trip; Iowa City to Cedar Rapids, 5th trip; Iowa City, D., .30, cafe; telephone, Prof. Patrick, .25; stenographer, 1.00	75.61
1910	January 1st, Cedar Rapids to Muscatine, 1.19; Muscatine to Iowa City, .78; Iowa City to Cedar Rapids, 6th trip; Muscatine, D., .60; restaurant, Iowa City, S., .50, Burkley; 2d, Cedar Rapids to Iowa City, 7th trip; Iowa City to Davenport, 1.08; Davenport, S., .75, L., 1.50, The Davenport, telephone, Cedar Rapids, .25; 3rd, Davenport to Peoria and return, buying coal for S. U. I., charged to University; Davenport to Cedar Rapids, 1.50; Davenport, B., .65, S., .75;	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	the Davenport; 4th, Cedar Rapids to Iowa City, 8th trip, Iowa City, D., 50, S., 50; L., 1.00; Burkley; 5th, Iowa City to Davenport, 1.08; Iowa City, B., .50; Burkley, D., .50, Davenport, S. 75; L., 1.50; Kimball, cab, .25; telephone Davenport, .40; telephone Lambert, Ames, 1.10; telephone Cedar Rapids, .65; Jan. 6, Davenport, B., .75; D., 75; S., 75; L., 1.50; Kimball, telephone Lambert, 1.00; 7th, Davenport to Iowa City, 1.08; Davenport, B., 75; D., .75; Kimball, Iowa City, S., 50; L. 1.00, Burkley; 8th, Iowa City to Cedar Rapids, 9th trip, Iowa City, B. .50; D. .50, Burkley; 9th, Cedar Rapids to Iowa City, 10th trip, Iowa City to Davenport, 1.08; Davenport, S. .75; L. 1.50; Kimball, telephone Trewin Iowa City to Cedar Rapids, .25; 10th, Davenport to Iowa City, 1.08; Davenport, B. .75; D. 75; Kimball, S. 50, L. 1.00, Iowa City, Burkley; 11th, Iowa City, B. .50, D. 50; S. 50, L. 1.00, Burkley; 12th, one ten-trip book between Cedar Rapids and Iowa City, 5.00, Iowa City to Cedar Rapids, 1st trip, Cedar Rapids to Iowa City, 2d trip, Iowa City to Des Moines, 2.41, Iowa City, B. .50; Burkley, Des Moines, L. 2.00; Chamberlain, R. I. dining car, S. .80, stenographer .50; 13th, Des Moines, B. .50, D. .60, S. .65, L. 1.50, Chamberlain, street car, .20; 14th, Des Moines to Iowa City 2.41, Des Moines, B. .45, R. I. dining car, D. .90, Iowa City, S. .50, L. 1.00; Burkley, street car .10; 15th, Iowa City to Cedar Rapids, 3rd trip, Iowa City, B. .50, D. 50, Burkley; 17th, Cedar Rapids to Iowa City, 4th trip, Iowa City, D. .50, S. .50, L. 1.00, Burkley; 18th, Iowa City to Cedar Rapids, 5th trip, Cedar Rapids to Ames 2.14, Iowa City B. .50, D. .50, Burkley, O. & N. W. dining car, B. .50, D. .50, Burkley; O. & N. W. dining car, S. 85, Ames, L., .50, Arlington; 19th, Ames, B. .50, S. .50, L. .50, Arlington; 20th, Ames to Des Moines, .70, Ames, B. .50, Arlington, Des Moines, D. .50, S. .65, cafe, L. 1.50, Chamberlain, street car, .20; 21st, B. .50, D. .65, S. .70, L. 1.50, Chamberlain, Des Moines, street car .20; 22d, Des Moines to Iowa City 2.41, Iowa City to Cedar Rapids, 6th trip, Des Moines, B. .40; Iowa City, D. .50, S. .40; 24th, Cedar Rapids to Iowa City, 7th trip, Iowa City, D. .30; S. .40, L. 1.00, Burkley, telephone Wilcox, I. O., .25, telephone Lambert .65; 25th, Iowa City, B. .50, D. .50, S. .50, L. 1.00, Burkley; 26th, Iowa City to Cedar Rapids, 8th trip, Iowa City, B. .50, D. .40, S. .30, Burkley; 27th, Cedar Rapids to Iowa City, 9th trip, Iowa City, S. .50; L. 1.00, Burkley; 28th, Iowa City, B. .50, D. .45, S. .50, L. 1.00, Burkley; 29th, Iowa City to Cedar Rapids, 10th trip, Iowa City, B. .50, D. .40, Burkley; 31st, ten-trip mileage book, 5.00, Cedar Rapids to Iowa City, 1st trip, Iowa City to Des Moines 2.41, Iowa City, D. .50, S. .50, Burkley; L. 1.50, Des Moines, Chamberlain	\$ 99.85
Feb. 1st,	Des Moines, cafe, B. .40, D. .45, S. .75, L. 1.50; street car	
2d,	Des Moines, Chamberlain, cafe, B. 40, D. .50, S. .65, L. 1.50, street car .20; 3rd, Des Moines to Iowa City 2.41; Des Moines, Chamberlain, B. .45, Rock Island dining car, D. .90, Iowa City, Burkley, S. .50, L. 1.00, street car, Des Moines, .10; 4th, Iowa City to Cedar Rapids, 2d trip, Iowa City, B. 50, D. 30, S. .40; 5th, Chicago Account University & State College, telephone McChesney .25; 6th, Chicago Account State College and University; 7th, Chicago & Milwaukee Account University and Iowa State College; 8th, Cedar Rapids to Iowa City, 3rd trip, Iowa City to Cedar Rapids; 4th trip, Iowa City, Burkley, D. .40, S. .50; 9th, Cedar Rapids to Cedar Falls, 1.17, Cedar Falls, S. .50, L. .50, stenographer, 1.00; 10th, Cedar Falls to Cedar Rapids 1.17, Cedar Falls, cafe, B. .50, D. .50, Cedar Rapids, S. 50, L. .50, Montrose, street car .20, bus .15, 11th, Cedar Rapids to Iowa City, 5th trip; Cedar Rapids, Montrose, B. .50, D. .50, S. .50, L. 1.00; 12th, Iowa City to Cedar Rapids, 6th trip, Iowa City, Burkley, B. .50, D. .50, S. .50; 13th, Cedar Rapids to Iowa City, 7th trip, Iowa City, Burkley, L. 1.00; 14th, Iowa City to Des Moines 2.41, Iowa City, Burkley, B. .50, Rock Island dining car, D. .50, Des Moines, Chamberlain, L. 1.50; 15th, Des Moines to Ames .70, Ames to Des Moines .70, Des Moines, Hartford, B. 45, Ames, Arlington, D. .50, Des Moines, Royal cafe, S. 70, Chamberlain, L. 1.50, street car .10; 16th, Des Moines, Chamberlain, B. .40, Royal Cafe, D. .45, S. 70, L. 1.50, street car .10; 17th, Des Moines, Kirkwood, B. .45, Royal Cafe, D. .40, S. 75, Chamberlain, L. 1.50, street car .20; 18th, Des Moines, Kirkwood Cafe, B. 40, Royal, D. .45, S. .50, street car .10; 19th, with friends; 20th, with friends; 21st, Des Moines to Iowa City 2.41; C. R. I. & P. dining car, D. .95, Iowa City, Burkley, S. .50, L. 1.00, street car .10; 22d, Iowa City to Cedar Rapids, 8th trip, Iowa City, Burkley, B. .50, D. .50; 23rd, Cedar Rapids to Iowa City, 9th trip, Iowa	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	City, Burkley Cafe, D. .30, S. .50, L. 1.00; 24th, Iowa City, Burkley, B. .50, New Westm., D. .50, S. .50, Burkley, L. 1.00; 25th, Iowa City to Des Moines, 2.41, Iowa City, Burkley, B. .50, cafe, D. .30, C. R. I. & P. dining car, S. .85, Des Moines, Chamberlain, L. 2.00; 26th, Des Moines to Cedar Rapids, 2.88, Des Moines Kirkwood Cafe, B. .45, C. & N. W. dining car, D. .90, street car, .10; 28th, Cedar Rapids to Iowa City, 10th trip, mileage book, C. R. & I. C. Ry. 5.00, Iowa City to Cedar Rapids, 1st trip; stenographer, 1.50	\$ 71.56
Mar. 1.	Cedar Rapids to Iowa City, 2d trip, Iowa City to Cedar Rapids, 3rd trip, Iowa City, Burkley Cafe, D. .30, S. .50, telegram Miss Donovan, Milwaukee, .50, stenographer 1.00; 2d, board meeting at Cedar Rapids, telephone Prof. Arey, Cedar Falls .40, rent of typewriter 1.00; 3rd, telegram, Senator Funk .40, telephone Prof. Patrick, Iowa City .25, telephone McChesney, Iowa City .25; 4th, Cedar Rapids to Iowa City, 4th trip, Iowa City to Cedar Rapids 5th trip, Cedar Rapids to Spirit Lake 4.47, Iowa City, Burkley Cafe, D. .30, S. .40, sleeper, Cedar Rapids to Spirit Lake 1.50; 5th, Spirit Lake to Cedar Rapids, 4.47 (conference with Senator Funk); Estherville (Orleans) B. .50, S. .50, sleeping car 1.50; 6th, Cedar Rapids to Iowa City, 6th trip, Iowa City, Burkley, L. 1.00; 7th, Iowa City to Des Moines 2.41, Des Moines to Ames, C. & N. W. .74, C. R. I. & P. dining car, B. .65, Ames, Arlington, D. .50, Des Moines, Chamberlain, S. .80, L. 1.50, street car Des Moines .20, Ames to Des Moines .70; 8th, Des Moines to Iowa City 2.41, Iowa City to Cedar Rapids, 7th trip, Des Moines, Chamberlain, B. .50, C. R. I. & P. dining car, D. .90, Iowa City, Burkley, S. .50, street car .10; 9th, Cedar Rapids to Iowa City, 8th trip, Iowa City, Burkley, D. .50, S. .50, L. 1.00; 10th, Iowa City to Cedar Rapids, 9th trip, Cedar Rapids to Cedar Falls 1.17, Cedar Falls to Cedar Rapids 1.17, C. R. Ry. Eating House, B. .50, Cedar Falls, Burr Hotel, D. .50, Iowa City, Burkley, L. 1.00, C. R. Ry. Eating House S. .50, street car .20; 11th, Mileage Book C. R. & I. C. Ry. 5.00, Iowa City to Cedar Rapids, 1st trip; Iowa City, Burkley, B. .50, D. .50, S. .40; 12th, Cedar Rapids to Iowa City, 2d trip, Iowa City to Cedar Rapids, 3rd trip, Iowa City, Burkley Cafe, D. .30, S. .40; 14th, Cedar Rapids to Ames 2.14, Ames, Arlington, D. .50, S. .50, L. .50, street car .20; 15th, Ames to Des Moines .70, Ames, Arlington, B. .50, D. .50, Des Moines, Chamberlain, S. .75, L. 2.00, street car .20; 16th, Des Moines, Chamberlain, B. .50, Kirkwood Cafe, D. .75, S. .65, Kirkwood, L. 2.00, street car Des Moines, .20; 17th, Des Moines to Iowa City 2.41, Des Moines, Chamberlain, B. .40; C. R. I. & P. dining car, D. .75, Iowa City, Burkley, S. .50, L. 1.00, street car .10; 18th, Iowa City to Cedar Rapids, 4th trip, Iowa City, Burkley, B. .50, D. .50, S. .50; 19th, stenographer 1.00; 20th, Cedar Rapids to Iowa City, 5th trip, Iowa City, Burkley, L. 1.00, Relekards, S. .45; 21st, Iowa City to Cedar Rapids, 6th trip, Cedar Rapids to Des Moines 2.88, Iowa City, Burkley Cafe, B. .45, D. .40, S. .45, sleeper Des Moines 1.50; 22d, Des Moines to Ames .70, Des Moines, Pure Food Cafe, B. .40, Ames, Arlington, D. .50, S. .50, College Hall, L. .75, street car .20; 23rd, Ames, College Hall, B. .25, Arlington D. .50, College Hall, S. .25, L. .75, street car .10; 24th, Ames to Des Moines .70, Ames, College Hall, B. .25, Arlington, D. .50, Des Moines, Chamberlain, S. .65, L. 1.50, street car .20; 25th, Des Moines to Iowa City 2.41, Des Moines, Chamberlain, B. .40, D. .60, S. .70, Iowa City, Burkley, L. 1.00, street car .20; 26th, Iowa City to Cedar Rapids, 7th trip, Iowa City, Burkley Cafe, B. .45, D. .50, S. .40; 28th, Cedar Rapids to Iowa City, 8th trip, Iowa City, Burkley, S. .50, L. 1.00, Burkley Cafe, D. .30; 29th Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 30th, Iowa City to Des Moines 2.41; Iowa City, Burkley, B. .50, D. .50, Des Moines, Chamberlain, S. .65, L. 1.50; 31st, Des Moines to Ames, .70, Des Moines, Chamberlain, B. .40, D. .60, Ames, Arlington, S. .50; College Hall, L. .75; street car .20	\$ 101.04
April 1st,	Ames, B. .50, S. .50, Arlington, D. .50, L. .75, College Hall, street car .15; 2d, Ames to Des Moines .70, Des Moines to Iowa City 2.41, Iowa City to Cedar Rapids, 9th trip, Ames, B. .50, Arlington, D. .90, C. R. I. & P. dining car, S. .45, Iowa City, Burkley, street car .10; 4th, Cedar Rapids to Iowa City, 10th trip, Iowa City to Des Moines 2.41, Iowa City, Burkley, D. .30, S. .85, Rock Island dining car, Des Moines, L. 1.50, Chamberlain, telephone Wilcox, Iowa City, .25, telegram, Miss Purmort .25; 5th,	

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TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Des Moines to Ames, O. & N. W. .74, Ames to Des Moines .74, Des Moines, B. 40, L. 1.50, Chamberlain, Ames, D. .50, S. .50, Arlington, street car .10; 6th, Des Moines to Iowa City 2.41, Des Moines, B. 40, Kirkwood, D. 90, Rock Island dining car, Iowa City, S. .50, L. 1.00, Burkley, street car Des Moines .10; 7th, Iowa City, B. .50, S. .50, L. 1.00; 8th, Iowa City, B. 40, D. .50, S. .40, Olympian Cafe, L. 1.00, Burkley; 9th, mileage book O. R. & I. C. Ry. 5.00, Iowa City to Cedar Rapids, 1st trip, Iowa City, B. .45, D. .50, S. .45, Olympian Cafe; 11th, Cedar Rapids to Iowa City, 2d trip, Iowa City to Cedar Rapids, 3rd trip, Iowa City, D. .45, Olympian Cafe; 12th, Cedar Rapids to Cedar Falls 1.17, Cedar Falls, D. .45, Cafe, S. .50, L. .50, Burr Hotel, telephone Lambert, Cedar Falls, .40; telephone Prof. Condit, .40; telephone, Mr. McOhesney Iowa City, .25, street car Cedar Falls .10; 13th, Cedar Falls to Cedar Rapids 1.17, Cedar Rapids to Iowa City, 4th trip, Cedar Falls, B. .50, Burr Hotel, Iowa City, D. .50, S. .50, L. 1.00; 14th, Iowa City to Des Moines 2.41, Iowa City, B. .50, Burkley, Des Moines, D. .50, S. .75, L. 1.50, Chamberlain, street car, Des Moines .10; 15th, Des Moines to Ames, O. & N. W. .74, Ames to Cedar Rapids 2.14, Ames, B. .50, Arlington D. .80, O. & N. W. dining car, street car, Ames .10-----	\$ 51.94
	May 9th, Cedar Rapids, stenographer, 1.50, 13th, Cedar Rapids to Iowa City, 5th trip, Iowa City, Burkley Cafe, D. .30 (with friends during remainder of stay in Iowa City); 14th, Iowa City to Cedar Rapids, 6th trip; 16th, Cedar Rapids to Iowa City, 7th trip (did not go to hotel, entertained by friends); 18th, Iowa City to Cedar Rapids, 8th trip; 20th, Cedar Rapids to Iowa City, 9th trip; Iowa City, Burkley, D. .50 (remainder of stay, until 23d, private house, no expense); 23d, Iowa City, Burkley, D. .50, S. .50, L. 1.00; 24th, Iowa City to Cedar Rapids, 10th trip; Cedar Rapids to Cedar Falls 1.17; Iowa City, Burkley, B. .50, D. .50; Cedar Falls, Burr, S. .50, L. .50; 25th, Cedar Falls, Burr, B. .50, S. .50, L. .50, street car .20; 26th, Cedar Falls to Cedar Rapids 1.17; Cedar Falls, Burr, B. .50, D. .50; Cafe, S. .40; 27th, Cedar Rapids to Iowa City, 1st trip, mileage book O. R. & I. C. Ry. 5.00; Iowa City, Burkley, D. .50, S. .50, L. 1.00; 28th, Iowa City to Cedar Rapids, 2d trip, Iowa City, Burkley, B. .50, D. .50; telegram John M. Fisk, New York .60; 31st, Cedar Rapids to Iowa City, 3d trip; Iowa City, Buner Cafe, D. .50; Burkley, S. .50; L. 1.00-----	\$ 22.34
	June 1st, Iowa City to Des Moines 2.41; Iowa City, Burkley Cafe, D. .50; C. R. I. & P. dining car, S. .90; Des Moines, Chamberlain, L. 1.50; 2d, Des Moines to Iowa City, 2.41; Des Moines, Chamberlain, B. .50; C. R. I. & P. dining car, D. .75; Iowa City, Burkley Cafe, S. .40; L. 1.00; 3d, Iowa City to Cedar Rapids, 4th trip, Iowa City, Burkley, B. .50 4th, Cedar Rapids to Iowa City, 5th trip; Iowa City to Cedar Rapids, 6th trip; Iowa City, Burkley, D. .40, S. .35; 6th, Cedar Rapids to Iowa City, 7th trip; Iowa City to Cedar Rapids, 8th trip; Iowa City, Burkley Cafe, D. .30, S. .50; 7th, Cedar Rapids to Iowa City, 9th trip; Iowa City, Burkley, D. .50, S. .50; L. 1.00; 8th, Iowa City, Burkley, B. .50; Burkley Cafe, D. .40, S. .50, L. 1.00; 9th, Iowa City to Cedar Rapids, 10th trip; Cedar Rapids to Cedar Falls, 1.17, Iowa City, (Iowa Cafe) B. .35 Cedar Falls, Burr, S. .50, L. .50; 10th, Cedar Falls to Cedar Rapids 1.17; Cedar Falls, Burr's Hotel, B. .50, D. .50; street car Cedar Falls .20, telephone Cedar Rapids .40; 11th, mileage book Cedar Rapids and Iowa City Ry. 5.00; Cedar Rapids to Iowa City, 1st trip; Iowa City to Cedar Rapids, 2d trip; Iowa City, Burkley Cafe, D. .30, S. .35; 13th, Cedar Rapids to Iowa City, 3d trip; Iowa City, Burkley, D. .50, S. .50, L. 1.00, telegram, Mr. Foster at Ottumwa, .33; telegram Mr. Fisk .31; 14th, Iowa City, Burkley, B. .50, D. .30, S. .50, L. 1.00; 15th, Iowa City to Cedar Rapids, 4th trip; Iowa City, Burkley, B. .50, D. .50, S. .40; 16th, Cedar Rapids to Ames, 2.14; Ames to Des Moines .84; Des Moines to Iowa City 2.41; Ames, College Cafe D. .25; Des Moines, Chamberlain, S. .75; Iowa City, Burkley, L. 1.00, street car Ames .10; sleeper Des Moines to Iowa City 1.50; 17th, Iowa City, Burkley, B. .50, S. .50, L. 1.00; Burkley Cafe, D. .30; 18th, Iowa City to Cedar Rapids, 5th trip, Iowa City, Burkley, B. .50, D. .50, telegram, Mr. Foster, Ottumwa, .25, 20th, Cedar Rapids to Iowa City, 6th trip; Iowa City, Burkley, D. .50; S. .50, L. 1.00; telegram Mr. Foster, Ottumwa, .34; stenographer, .75, Iowa City to Cedar Rapids, 7th trip; Iowa City, Burkley, B. .50, D. .50, S. .40; 22nd, Cedar Rapids to Iowa City, 8th trip; Iowa City to	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Cedar Rapids, 9th trip; Iowa City, Burkley Cafe, D. .50, S. .50; 23d, went to Washington and New York, expenses charged to University and Agricultural College; 30th, Cedar Rapids to Iowa City, 10th trip; Iowa City, Olympian Cafe, D. .45; Burkley, S. .50, L. 1.00—	\$ 64.55
July 1st,	Iowa City, Olympian Cafe, B. .45, D. .50, S. .35, spent night at private house; 2d, Iowa City to Cedar Rapids, 1st trip; mileage book Cedar Rapids and Iowa City Railway, 5.00; Iowa City, Burkley Cafe, B. .40, Olympia D. .55, S. .40; 5th, Cedar Rapids to Iowa City, 2nd trip; Iowa City, Burkley, D. .30; Iowa City to Cedar Rapids, 3d trip; 6th, Cedar Rapids to Ames, 2.14; Chicago & Northwestern dining car, B. 75; Ames, Arlington, D. .50, S. .50, street car .20; (spent night with friends); 7th, Ames to Des Moines .70; Ames, Arlington, B. .50; Des Moines (Mrs. Newton) D. .50, Victoria, L. 1.50; telegram, McChesney .25; 8th, Des Moines to Iowa City 2.41; Rock Island dining car, breakfast .65; Iowa City, Burkley, D. .50, S. .50, L. 1.00; 9th, Iowa City to Cedar Rapids, 4th trip; Iowa City, Burkley, B. .50, Burkley Cafe, D. .30, S. .40; 11th, Cedar Rapids to Iowa City, 5th trip; Iowa City, Burkley, D. .50, Olympia S. .45; 12th, Iowa City, Burkley, B. .50, S. .50, L. 1.00; St. James, D. .50; 13th, Iowa City to Des Moines, 2.41, Iowa City, Burkley, B. .50; Des Moines, Chamberlain, D. .70, S. .50; Victoria, L. 1.50, street car, .20; 14th, Des Moines, Kurtz Cafe, B. .45; 15th, Des Moines to Iowa City 2.41, Iowa City to Cedar Rapids, 6th trip; Des Moines, Kurtz Cafe, B. .50; C. R. I. & P. dining car, D. 1.00; Iowa City, Olympian Cafe, S. .50; street car .10; 16th, Cedar Rapids to Iowa City, 7th trip; Iowa City to Cedar Rapids, 8th trip; Iowa City, Merchants' Cafe, D. .45; telegram, Murphy .33; 18th, Cedar Rapids to Iowa City, 9th trip; Iowa City, Olympian Cafe, D. .50; Burkley, S. .50, L. 1.00; 19th, Iowa City, Burkley, B. .50, Lone Tree (S. U. I. business), D. .45, S. .50, L. 1.00; 20th, Iowa City to Des Moines, 2.41, Iowa City, Burkley, B. .50; Des Moines (Mrs. Newton), D. .50, Chamberlain, S. .70, (spent night with friends). Street car .10; 21st, Des Moines to Ames .74; Ames to Council Bluffs, 3.18; Ames, depot cafe, B. .50, Arlington, D. .50, C. & N. W. diner, S. .80, Council Bluffs, Grand, L. 2.00, chair car (no seats in coach) .50; telephone, McChesney, 1.10; telephone Schoentgen .45; 22d, Council Bluffs (Grand) B. .65, D. .75, L. 2.00 (supper with friends); 23d, Council Bluffs to Iowa City, 5.28, Council Bluffs, Grand, B. .60, D. .70, S. .80; sleeper Council Bluffs to Iowa City 2.00; 24th, Iowa City to Cedar Rapids, 10th trip, left Sunday, July 24th, for Montreal, account S. U. I., returned to Iowa City July 29th; 29th, Iowa City, Burkley, S. .50; L. 1.00; 30th, Iowa City to Cedar Rapids, 1st trip; mileage book C. R. & I. C. Ry. Co., 5.00; Iowa City, Burkley, B. .50; D. .45; S. .40 (Olympia)	\$ 75.81
August, 1st;	Cedar Rapids to Iowa City, 2d trip; Iowa City, Burkley, L. 1.00 Merchants Cafe, D. .45, S. .50; 2d, Iowa City, Burkley, B. .40, L. 1.00, Olympian, D. .50, S. .50; 3d; Iowa City, Burkley, L. 1.00, Merchants Cafe, B. .40, Olympian Cafe, D. .45, S. .50; 4th; Iowa City to Cedar Rapids, 3d trip; Iowa City, Burkley Cafe, B. .40, D. .30; 5th; Cedar Rapids to Ames 2.14, Ames to Des Moines .74, C. & N.-W. dining car, B. .75, Ames Depot cafe, D. .40, Des Moines, Kirkwood, S. .70, Chamberlain, L. 1.50, telegram Prof. MacBride .25, street car .20; 6th, Des Moines to Iowa City, 2.41, Iowa City to Cedar Rapids, 4th trip; Des Moines Kurtz Cafe, B. .50, Rock Island dining car, D. .90, Iowa City Merchants cafe, S. .40; 7th; Cedar Rapids to Ames 2.14; Ames, Depot Cafe, B. .45, Mrs. Sloss, D. .50, S. .35, sleeping car, Cedar Rapids to Ames 1.50, street car .10; 8th Ames to Des Moines .74, Depot Cafe, Ames, S. .40, Ames Hotel, B. .50, D. .50, Des Moines, Elliott, L. 1.00; 9th; Des Moines to Iowa City 2.41, Rock Island dining car, B. .70, Iowa City, Burkley, L. 1.00, Merchants Cafe, D. .45, S. .50; 10th, Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Cedar Falls 1.17, Iowa City, Merchants Cafe, B. .45, D. .50, Cedar Falls, Burr Hotel, S. .50, L. .50, telephone, McChesney, Mason City .50, night letter, Mr. Baker .25; 11th, Cedar Falls to Cedar Rapids 1.17, Cedar Falls, Burr, B. .50, D. .50, Jordan's Cafe, S. .50, street car .20; 12th, Cedar Rapids to Iowa City, 6th trip; Iowa City, Burkley, S. .50, L. 1.00, telegram, McChesney, Clear Lake, .25; 13th, Iowa City to Davenport, 1.08, Davenport to Iowa City, 1.08, Iowa City to Cedar Rapids, 7th trip; Iowa City Merchants Cafe, B. .50, telephone, Consolidated Coal Co., Colfax .80, telegram, McChesney .25, telephone,	

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TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Geo. T. Baker, .25; 14th, telephone, Dr. Stanton, .60; 15th, Cedar Rapids to Ames 2.14, Ames to Des Moines .70, C. & N.-W. dining car, B. .65, Ames, Mrs. Sloss, D. .50, Depot Cafe, S. .50; 16th, Des Moines to Grinnell 1.10, Des Moines, Kurtz Cafe, B. .45, D. .40, Grinnell Cafe, S. .50, L. .75; 17th, Grinnell to Iowa City, 1.31, Iowa City to Cedar Rapids, 8th trip; C. R. I. & P. dining car, B. .70, Iowa City, Burkley, D. .45, S. .40, L. 1.00; 18th, Cedar Rapids to Iowa City, 9th trip; Iowa City, Merchants Cafe, D. .45, S. .50 Burkley, L. 1.00; 19th, Iowa City to Cedar Rapids, 10th trip; Iowa City, Burkley Cafe, B. .45, D. .50; 20th, mileage book, 10-trip, C. R. & I. C. Ry. 5.00, Cedar Rapids to Iowa City, 1st trip; Iowa City to Cedar Rapids, 2d trip; Iowa City Merchants Cafe, D. .40, S. .45; 22d Cedar Rapids to Ames 2.14, Ames, Arlington, D. .50, Mrs. Sloss, S. .50, street car .20; 23d, Ames, Ames Hotel, B. .50, S. .50, Depot Cafe, D. .45, street car .30; 24th, Ames to Des Moines .70, Des Moines to Iowa City 2.41, Ames, Mrs. Sloss, B. .35, Depot Cafe, D. .45, Kirkwood Cafe, S. .75; 25th, Iowa City, Merchants Cafe, B. .45, D. .40, S. .50, L. 1.00; 26th, Iowa City, Merchants Cafe, B. .40, D. .45, Burkley, S. .50, L. 1.00; 27th, Iowa City to Davenport 1.08, Davenport to Iowa City 1.08, Iowa City to Cedar Rapids Rapids, 3d trip; Rock Island dining car, B. .80, Davenport, Davenport Hotel, D. .75, Iowa City, Merchants Cafe, S. .45; 29th, Cedar Rapids to Iowa City, 4th trip; Iowa City to Cedar Rapids, 5th trip; Iowa City Merchants Cafe, D. .45, S. .40; 30th, Cedar Rapids to Iowa City, 6th trip; Iowa City, Merchants Cafe, D. .45, S. .50, L. 1.00; 31st, Iowa City to Muscatine .77, Muscatine to Iowa City .77, Muscatine, Commercial Cafe, D. .60, Iowa City, Merchants Cafe, S. .50, Burkley, L. 1.00	\$ 90.18
September 1st,	Iowa City, Burkley, L. 1.00, Merchants Cafe, B. .40, D. .45, S. .50; 2d, Iowa City, Burkley, B. .50, D. .50, L. 1.00, Mrs. Leach, S. .40; 3d, Iowa City to Cedar Rapids, 7th trip; Iowa City, Burkley, B. .50, Mrs. Leach, D. .40; 4th, Cedar Rapids to Iowa City, 8th trip; Iowa City, to Davenport, 1.08 (Peoria Coal business for State University of Iowa; expenses outside of Iowa charged to the University); 5th, Davenport to Iowa City 1.08, Rock Island dining car, S. .70, Iowa City, Burkley, L. 1.00; 6th, Iowa City to Cedar Rapids, 9th trip; Iowa City, Merchants Cafe, B. .40, S. .45, Mrs. Leach, D. .50; 7th, at Cedar Rapids, board meeting; 8th, at Cedar Rapids, board meeting; 9th, Cedar Rapids to Iowa City, 10th trip; Iowa City, Olympia, S. .50, Burkley, L. 1.00; 10th, mileage book, C. R. & I. C. Ry. Co. 5.00, Iowa City to Cedar Rapids, 1st trip; Iowa City, Merchants Cafe, B. .45, Mrs. Leach, D. .50, S. .35, telegram, Miss Creelman .40; 12th, Cedar Rapids to Iowa City, 2d trip; Iowa City to Davenport 1.08, Iowa City, Mrs. Leach, D. .50, Davenport, Kimball, S. .90, L. 1.50, telegram, Mr. Lynch, Peoria .25; 13th, Iowa City to Cedar Rapids, 3d trip; Cedar Rapids to Iowa City, 4th trip; Iowa City, Merchants Cafe, B. .45, S. .50, Burkley, L. 1.00, night letter, Carnegie Foundation .50, Stenographer, Annual Report 2.75; 14th, Iowa City, Burkley, L. 1.00, Merchants Cafe, B. .40, Mrs. Leach, D. .50, S. .35; 15th, Iowa City, Burkley, L. 1.00, Merchants Cafe, B. .40, St. James, D. .50, Mrs. Leach, S. .40; 16th, Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Iowa City, 6th trip; Iowa City, Merchants Cafe, B. .40, D. .45, Mrs. Leach, S. .40, Burkley, L. 1.00; 17th Iowa City, Merchants Cafe, B. .40, S. .45, Burkley Cafe, D. .35; 19th, Cedar Rapids to Ames, 2.14, C. & N.-W. dining car, S. .95, telephone President Seerley, .40, telephone, Secretary McChesney, .25, telegram, Supt. Sloss, .25; 20th, Ames, Mrs. Sloss, B. .35, D. .50, S. .35; 21st, Ames to Des Moines, .70, Ames, Mrs. Sloss, B. .35, Kurtz Cafe (Des Moines), D. .50, S. .60 (spent night with friends), street car Des Moines, .20; 22d, Des Moines (with friends), B. D. L., Kirkwood, S. .75, street car, .20; 23d, Des Moines (B. D. L. with friends), Kurtz Cafe, D. .50, street car, .10; 24th Des Moines to Ames, C & N.-W., .74, Ames to Cedar Rapids, 2.14, Cedar Rapids to Iowa City, 7th trip; Iowa City to Cedar Rapids, 8th trip; C. & N. W. dining car, D. .90, Iowa City, Merchants Cafe, S. .45; 26th, Cedar Rapids to Iowa City, 9th trip; Iowa City (Olympian Cafe), S. .50, Burkley, L. 1.00; 27th, Iowa City to Des Moines, 2.41, Des Moines to Ames, .70, Iowa City, Olympian B. .50, Des Moines, Kurtz Cafe, D. .50, Ames, Depot Cafe, S. .45, Mrs. Sloss, L. .75; 28th, Ames to Des Moines, .70, Ames, Mrs. Sloss, B. .35, D. .50, Des Moines, Kirkwood, S. .60, L. 1.00; 29th, Des Moines to Ames, .74; Ames to Cedar Rapids, 2.14, Ames, Depot Cafe, S. .50, Des Moines, Kurtz Cafe, B. .45, D. .50; 30th, Cedar	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Rapids to Iowa City, 10th trip; mileage book C. R. & I. C. Ry., 5.00, Iowa City, Olympian, D. .50, Mrs. Leach, S. .35, Burkley, L. 1.00..	\$ 70.95
October 1st,	Iowa City to Cedar Rapids, 1st trip; Iowa City to Davenport, 1.08, Davenport to Iowa City, 1.08, Iowa City, Merchants Cafe, B. .40, Olympian, S. .50, Davenport, Davenport Hotel, D. .60; 3d, Cedar Rapids to Iowa City, 2d trip; Iowa City, Olympian, D. .45, S. .50, Burkley, L. 1.00, telephone, Lambert, .60; 4th Iowa City to Des Moines, 2.41, Iowa City, Merchants Cafe, B. .40, Mrs. Leach, D. .50, Des Moines, Savery, S. .75, L. 1.50; 5th, Des Moines to Ames, .70, Ames to Des Moines, .70, Des Moines, Savery, B. .50, L. 1.50, Ames, Mrs. Sloss, D. .50, S. .35, telegram, Holbrook, .40; 6th, Des Moines to Iowa City, 2.41, Des Moines, Savery, B. .50, Rock Island dining car, D. .90, Iowa City, Olympia, S. .50, Burkley, L. 1.00, street car Des Moines, .10; 7th, Iowa City, Burkley, B. .50, L. 1.00, Mrs. Leach, D. .50, Merchants Cafe, S. .45; 8th, Iowa City to Cedar Rapids, 3d trip, Iowa City, Burkley, B. .40, Olympian Cafe, D. .45, S. .40; 9th, Cedar Rapids to Iowa City, 4th trip; Iowa City to Cedar Rapids, .5th trip; Iowa City, Olympia, S. .50; 10th, Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip; Cedar Rapids to Cedar Falls, 1.17, Iowa City, Mrs. Leach, D. .50, Cedar Falls, Burr Hotel, S. .50, L. .50; 11th, Cedar Falls to Marshalltown, .99; Cedar Falls, Burr, B. .50, D. .50, C. & N.-W. dining car, S. .85, Marshalltown, Pilgrim, L. .75, street car, .20, telephone, Cedar Rapids, .40; 12th, Marshalltown to Ames, .75; Ames to Des Moines, C. & N.-W., .74, Ames, Ames Hotel, B. .50, D. .50, Ames, Depot Cafe, S. .60, Des Moines, Savery, L. 1.50, telegram, McChesney, .25, street car, .20; 13th Des Moines to Iowa City, 2.41, C. & N.-W. dining car, B. .75; Iowa City, Merchants, D. .50, Burkley, S. .50, L. 1.00; 14th, Iowa City to Cedar Rapids, 8th trip; Iowa City, Merchants, B. .40, S. .45, Olympia, D. .45; 15th, at Madison, Wisconsin, visiting University of Wisconsin to 18th; 19th, Cedar Rapids to Iowa City, 9th trip; Iowa City, Merchants Cafe, D. .45, S. .40, Burkley, L. 1.00; 20th, Iowa City, Merchants Cafe, B. .40, Mrs. Leach, D. .50, S. .35, Burkley, L. 1.00; 21st, Iowa City, Burkley, B. .45, Mrs. Leach, D. .50, S. .35, L. 1.00; 22d, Iowa City to Cedar Rapids, 10th trip; Iowa City, Burkley, B. .40, Merchants, D. .40, S. .45; 23d, Cedar Rapids to Des Moines, 2.88 sleeper Cedar Rapids to Des Moines, 1.50; 24th, Des Moines to Ames, .70, Des Moines, Evans Cafe, B. .40, Ames, Depot Cafe, D. .40, S. .50, College Hall, L. .75, street car, Des Moines, .10, street car, Ames, .15; 25th, Ames, College Hall, B. .25, Mrs. Sloss, D. .50, S. .35, College Hall, L. .75, street car, Ames, .10; 26th, Ames, Mrs. Sloss, B. .35, D. .50, L. .75, Ames Hotel, S. .50; 27th Ames to Cedar Rapids, 2.14, Cedar Rapids to Iowa City, 1st trip, mileage book, Cedar Rapids and Iowa City R. R., 5.00, Iowa City to Cedar Rapids, 2d trip; Iowa City, Olympia Cafe, D. .45, Merchants, S. .40; 29th, Cedar Rapids to Iowa City, 3d trip; Iowa City, Mrs. Leach, D. .50, S. .35, telephone President Seerley, Cedar Falls, .40; 31st, Cedar Rapids to Iowa City, 4th trip; Iowa City, Mrs. Leach, D. .50, S. .35, Burkley, L. 1.00, telephone McChesney, Iowa City, .25	\$ 74.81
November 1st,	Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Ames, 2.14, Iowa City, Burkley Cafe, B. .40, Olympia, D. .45, C. & N.-W. dining car, S. .85, Ames, Ames Hotel, L. .50; 2d, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, street car, .20; 3d, Ames to Des Moines, .70, Des Moines to Ames, .70, Ames, Ames Hotel, B. .50, Des Moines, Evans Cafe, D. .45, Ames, Depot Cafe, S. .45, Ames Hotel, L. .50, street car, .10; 4th, Ames to Cedar Rapids, 2.14, Ames, Ames Hotel, B. .50, C. & N. W. dining car, D. .75, street car, .10; 5th Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip; Iowa City, D. .50, S. .40, telephone, McChesney, Iowa City, .25; 7th, Cedar Rapids to Iowa City, 8th trip; Iowa City, Burkley, L. 1.00, Merchants Cafe, D. .40, S. .45; 8th, Iowa City to Cedar Rapids, 9th trip; Iowa City, Merchants Cafe, B. .40, Olympia, D. .50; 9th, Cedar Rapids to Cedar Falls 1.17, Cedar Falls to Cedar Rapids, 1.17, Cedar Falls, Burr Hotel, D. .50, S. .50, street car, .20; 10th, (left for the east on a tour of inspection of Eastern Colleges with President Trewin), returned 21st; 22d, Cedar Rapids to Iowa City, 10th trip; Iowa City, Olympia, B. .40, S. .50, Merchants Cafe, D. .45, Burkley, L. 1.00; 23d, Iowa City to Cedar Rapids, 1st trip; mileage book C. R. & I. C. Ry. Co., 5.00, Iowa City, Olympia, B. .45, S. .50, D. .50; 25th Cedar Rapids to Iowa City, 2d trip; Iowa City, Olympia, D. .50, S. .45, Burkley, L. 1.00; 26th, Iowa	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	City to Cedar Rapids, 3d trip; Iowa City, Merchants Cafe, B. .40, Olympia, D. .45, S. .40; 28th, Cedar Rapids to Ames, 2.14, Ames, Ames Hotel, D. .50, S. .50, L. .50, street car, .30; 29th Ames to Des Moines, .70, Des Moines to Grinnell, 1.10, Ames, Ames Hotel, B. .50, Des Moines, Depot Cafe, D. .45, Grinnell, Chapman, S. .50, L. .75; 30th, Grinnell to Iowa City, 1.41, C. R. I. & P. dining car, B. .75, Iowa City, Mrs. Leach, D. .50, Olympia, S. .45, Burkley, L. 1.00	\$ 44.92
December 1st,	Iowa City, Burkley, L. 1.00, Merchants, B. .45, S. .40, Mrs. Leach, D. .50; 2d, Iowa City to Cedar Rapids, 4th trip; Cedar Rapids to Des Moines, 2.88; Iowa City, Burkley, B. .45, S. .40, Olympia, D. .55, sleeper Cedar Rapids to Des Moines, 1.50; 3d, Des Moines to Marshalltown, 1.16, Des Moines, Evans Cafe, B. .45, D. .50, C. & G. W. buffet car, S. .60, Marshalltown, Pilgrim Hotel, L. .75, bus at Marshalltown, .25; 4th, Marshalltown to Cedar Rapids, 1.42, C. & N. W. dining car, B. .65; 5th, Cedar Rapids to Ames, 2.14, Ames to Des Moines, .70, Ames, Ames Hotel, D. .50, Des Moines, Evans Cafe, S. .50, Cargill, L. 1.00, street car, Des Moines, .15, 6th, Des Moines to Iowa City, 2.41, Des Moines, Evans Cafe, B. .45, D. .40, Iowa City, Burkley, S. .50, L. 1.00; 7th, Iowa City to Cedar Rapids, 5th trip; Iowa City, Merchants, B. .40, D. .40, Olympia, S. .55; 8th, Cedar Rapids to Cedar Falls, 1.17, Cedar Falls, Burr Hotel, D. .50, S. .50, L. .50, street car, .20; 9th Cedar Falls to Cedar Rapids, 1.17, Cedar Falls, Burr Hotel, B. .50, D. .50, street car .20; 10th, Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip, Iowa City, Merchants Cafe, D. .40, S. .45; 12th, Cedar Rapids to Iowa City, 8th trip; Iowa City, Olympia, S. .50, Burkley, L. 1.00; 13th, Iowa City, Burkley Cafe, B. .40, S. .45, St. James, D. .50, Burkley, L. 1.00; 14th, Iowa City to Des Moines, 2.41; Iowa City, Burkley Cafe, B. .40, Des Moines, Christy Cafe, D. .45, Evans Cafe, S. .50, Cargill, L. 1.00; 15th, Des Moines to Ames, .70, Des Moines, Kirkwood Cafe, B. .45; Ames Depot Cafe, D. .40, Ames Hotel, S. .50, L. .50; street car, .20, telephone, Governor, Des Moines, .25; 16th, Ames to Cedar Rapids, 2.14; Ames, Depot Cafe, B. .50, D. .45, telegram Ames, .25; 17th, Cedar Rapids to Iowa City, 9th trip; Iowa City to Cedar Rapids, 10th trip; Iowa City, D. .50, S. .35; 19th, Cedar Rapids to Cedar Falls, 1.17; Cedar Falls to Cedar Rapids, 1.17, Cedar Rapids to Iowa City, 1st trip; Cedar Falls, Oxford Cafe, D. .40, Iowa City, Olympia, S. .50, Burkley, L. 1.00, street car, .20, telephone Dr. Dean, Iowa City, .25, telephone, McChesney, Iowa City, .25; 20th, Iowa City to Cedar Rapids, 2d trip; mileage book Cedar Rapids and Iowa City Railway, 5.00, Cedar Rapids to Spirit Lake, 4.47 (to confer with Senator Funk), Iowa City, Merchants Cafe, B. .45, Olympia, D. .50, S. .45, sleeper Cedar Rapids to Spirit Lake, 1.50; 21st, Spirit Lake to Council Bluffs (to confer with Messrs. Schoentgen and Holbrook), 4.41, Estherville, Orleans Hotel, B. .50; Spirit Lake, Antlers Hotel, D. .50, S. .50, Hotel Worthington, L. .75, telegram, Holbrook, .40, sleeper Spirit Lake to Council Bluffs, 1.50; 22d, Council Bluffs, Grand, B. .75, D. .65, S. .60, L. 1.50; 23d, Council Bluffs to Des Moines, 2.83, Des Moines to Grinnell, 1.10, Council Bluffs, Grand, B. .65, Des Moines, Evans Cafe, D. .45, Grinnell, Monroe, S. .50, L. .75; 24th, Grinnell to Iowa City, 1.31, Iowa City to Cedar Rapids, 3d trip; C. R. I. & P. dining car, B. .75; Iowa City, Mrs. Leach, D. .50, S. .35; 26th, Cedar Rapids to Iowa City, 4th trip; Iowa City, Burkley, L. 1.00; 27th, Iowa City, Olympia, B. .40, D. .45, Mrs. Leach, S. .35, Burkley, L. 1.00; 28th, Iowa City to Des Moines, 2.41; Iowa City, Merchants, B. .40, Olympia, D. .50, Rock Island dining car, S. .80, Des Moines, Chamberlain, L. 1.50; 29th, Des Moines, Kurtz Cafe, B. .50, Mrs. Newton, D. .50, Kirkwood, S. .70, Chamberlain, L. 1.50, street car, .20; 30th, Des Moines to Iowa City, 2.41, Des Moines, Kurtz Cafe, B. .45, Depot Cafe, D. .45, Iowa City, Olympia, S. .50, spent night with friends, street car, .10, telegram McChesney, .25; 31st, Iowa City to Cedar Rapids, 5th trip; Iowa City, Merchants, D. .45	\$ 102.28
1911	January 2d, Cedar Rapids to Ames, 2.14, Ames, Ames Hotel, L. .50, C. & N. dining car, S. .80; telegram Ames, .25; 3d, Ames, Ames Hotel, B. .50, L. .50, College Hall, D. .25, street car, .20; 4th, Ames to Des Moines, .72; Ames, Ames Hotel, B. .50, College Hall, D. .25, Des Moines, Chamberlain, L. 1.50, Evans Cafe, S. .50, street car, .20; 5th, Des Moines, Kurtz Cafe, B. .50, D. .50, Evans Cafe, S. .55, Chamberlain, L. 1.50, street car, .15; 6th, Des Moines, Kurtz Cafe, B. .45, Mrs. Newton, D. .50, Chamberlain, S. .75, L. 1.50, street	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	car, .20; 7th, Des Moines to Cedar Rapids, 2.88, Des Moines, Bismark, B. .60; Capitol Lunch, D. .25, Chamberlain, S. .75, sleeper Des Moines to Cedar Rapids, 1.50; 8th, telephone Prof. Wilcox, Iowa City; 9th, Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip; Iowa City, Mrs. Leach, S. .35 (lunch with friends), telephone McChesney, I. C. .25; 10th Cedar Rapids to Iowa City, 8th trip, Iowa City to Cedar Rapids, 9th trip; Iowa City, Mrs. Leach, D. .50, Merchants, S. .40, telephone Lambert, Cedar Falls, .40, telephone Trewin, Cedar Rapids, .25; 11th Cedar Rapids to Iowa City, 10th trip; Iowa City to Cedar Rapids, 1st trip; mileage book, C. R. & I. O. Ry., 5.00, Iowa City, Mrs. Leach, D. .50, Merchants Cafe, S. .45; 12th, Cedar Rapids to Iowa City, 2d trip; Iowa City, Burkley, L. 1.00, Mrs. Leach, D. .50, S. .35, telephone Cedar Rapids (960), .25, telephone, Baker, Davenport, .25; 13th, Iowa City to Davenport, 1.08, Davenport to Iowa City, 1.08, Iowa City, Merchants, B. .40, S. .40, Burkley, L. 1.00 (lunch with friends at Davenport); 14th, Iowa City to Davenport, 1.08, Davenport to Iowa City, 1.08, Iowa City to Cedar Rapids, 3d trip; C. R. I. & P. dining car, B. .65, Iowa City, Olympia, S. .40; 16th, Cedar Rapids to Ames, 2.14, Ames, Ames Hotel, L. .50, C & N. W. dining car, S. .85, telegram, Ames, .25, telephone Prof. Wilcox, Iowa City, .25; 17th, Ames to Des Moines, .74, Ames Ames Hotel, B. .50, S. .50, College Hall, D. .25, Des Moines, Cargill, L. 1.00, street car, .10; 18th, Des Moines to Grinnell, 1.10, Des Moines, Kurtz Cafe, B. .45, D. .45, Grinnell, Monroe Hotel, S. .50, L. .75, street car, .10; 19th, Grinnell to Iowa City, 1.31, C. R. I. & P. dining car, B. .65, Iowa City, Mrs. Leach, D. .50, S. .35, Burkley, L. 1.00; 20th, Iowa City to Cedar Rapids, 4th trip; Iowa City, Merchants, B. .35, Burkley, D. .30, Olympia, S. .50; 23d, Cedar Rapids to Iowa City, 5th trip; Iowa City to Des Moines, 2.41, Iowa City, Mrs. Leach, D. .50, Rock Island dining car, S. .80, Chamberlain, L. 1.50, telegram Des Moines, .25; 24th, Des Moines to Iowa City, 2.41, Des Moines, Kurtz Cafe, B. .45, Mrs. Newton, D. .50, Iowa City, St. James Hotel, L. 1.00, Olympia, S. .45; 25th, Iowa City, Merchants, B. .35; Mrs. Leach, D. .50, S. .35; St. James L. 1.00; 26th, Iowa City to Des Moines, 2.41; Iowa City, Merchants, B. .40; Mrs. Leach, D. .50; C. R. I. & P. dining car, S. .85; Chamberlain, L. 1.50; 27th, Des Moines to Grinnell, 1.10; Des Moines, Bismark, B. .55, Capitol, D. .25; Grinnell, Monroe, S. .50, L. .75; street car, .10; 28th, Grinnell to Iowa City, 1.31; Iowa City to Cedar Rapids, 6th trip; C. R. I. & P. dining car, B. .60; Iowa City, Mrs. Leach, D. .50, S. .35; telephone, John G. Bowman, Davenport, .45; 30th, Cedar Rapids to Des Moines, 2.88; C. & N. W. dining car, S. .85; Des Moines, Chamberlain, L. 1.50; 31st, Des Moines, Chamberlain, S. .70, L. 1.50; Kurtz Cafe, B. .45, Capitol Lunch, D. .40; street car, .15	87.67
February 1st,	Des Moines, Kurtz Cafe, B. .45, Capital Lunch, D. .35, Bismark, S. .65, Chamberlain, L. 1.50, street car, .20; 2d, Des Moines, Kurtz Cafe, B. .40, Mrs. Newton, D. .50, Chamberlain, S. .70, L. 1.50, street car, .15; 3rd, Des Moines, Kurtz Cafe, B. .45, Capital Lunch, D. .15, Chamberlain, S. .65, L. 1.50, street car, .15; 4th, Des Moines to Iowa City, 2.41; Iowa City to Cedar Rapids, 7th trip; C. R. I. & P. dining car, B. .65; Iowa City, Merchants, D. .40, Olympia, S. .45; 6th, Cedar Rapids to Iowa City, 8th trip; Iowa City to Des Moines, 2.41; Iowa City, Olympia, D. .45, C. B. & Q. dining car, S. .85, Chamberlain, L. 1.50, Des Moines, Kurtz Cafe, B. .40, Mrs. Newton, D. .50, Chamberlain, S. .65, L. 1.50, street car, .20; 8th, Des Moines to Council Bluffs, 2.83; Des Moines, Kurtz Cafe, B. .40, Savery, D. .60; Rock Island dining car, S. .80; Council Bluffs, Grand, L. 1.50; telegram, Campus to Foundation, New York, .60; 9th, Council Bluffs to Ottumwa, 4.28, Council Bluffs, Grand, B. .50, D. .50, S. .50, street car, .20; sleeper, Council Bluffs to Ottumwa, 1.50, telegrams, McChesney, .80; 10th, Ottumwa to Cedar Rapids, 2.11, Cedar Rapids to Iowa City, 9th trip; Ottumwa, Ballingall, B. .50, D. .50, McElroy Restaurant, S. .45, Iowa City, St. James, L. 1.00, street car, .20; 11th, Iowa City to Cedar Rapids, 10th trip; Iowa City, Merchants, B. .40, Mrs. Leach, D. .50, S. .35; 13th, Cedar Rapids to Iowa City, 1st trip; Iowa City to Colfax, 1.95, mileage book, C. R. & I. O. Ry., 5.00, Iowa City, Mrs. Leach, D. .50; Colfax, Colfax Hotel, S. .50, L. 1.50; 14th, Colfax to Des Moines, .46, Colfax, Colfax Hotel, B. .50, Des Moines, Mrs. Newton, D. .50, S. .35; Chamberlain, L. 1.50; street car, .20; 15th, Des Moines to Ames, .72; Des Moines, Kurtz Cafe, .35; Mrs. Newton, D. .50; Ames, Ames Hotel, S. .50, L. .50, street car, .20; 16th, Ames to Des Moines, .72; Ames, Ames Hotel, B. .50, D. .50, S. .50;	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Des Moines, Chamberlain, L. 1.50, street car, .15; 17th, Des Moines to Iowa City, 2.41; Iowa City, to Cedar Rapids, 2d trip; Des Moines, Kurtz Cafe, B. .40, D. .45, Olympia, S. .45, street car, .10; 18th, Cedar Rapids to Iowa City, 3rd trip; Iowa City to Cedar Rapids, 4th trip; Iowa City, Mrs. Leach, D. .50, S. .35; 19th, Telephone, McChesney, .25; 20th, Cedar Rapids to Iowa City, 5th trip; Iowa City, St. James, D. .50, S. .50, L. 1.00; 21st, Iowa City to Des Moines, 2.41, Iowa City, St. James, B. .50, Grinnell, Monroe, S. .50, L. .75; Telegram, Porf. Cummings, .25; telephone, Sloss, Ames, .25; (wreck on C. R. I. & P., Train No. 17, compelled passengers to remain at Grinnell until morning of 22d), 22d, Grinnell, B. .50, Des Moines, Mrs. Newton, D. .50, Kurtz Cafe, S. .55; Chamberlain, L. 2.00, street car, .20; 23rd, Des Moines, Bismark, B. .50, Mrs. Newton, D. .50, Chamberlain, S. .70, L. 2.00, street car, .20; 24th, Des Moines, Chamberlain, B. .50, S. .70, L. 1.50; Capitol Lunch, D. .30, street car, .20; 25th, Des Moines to Iowa City, 2.41; Iowa City to Cedar Rapids, 6th trip; Iowa City, Mrs. Leach, D. .50, S. .35, C. R. I. & P., B. .70; 27th, Cedar Rapids to Iowa City, 7th trip; Iowa City to Cedar Rapids, 8th trip; Iowa City, Olympia, D. .45, 28th, Cedar Rapids to Iowa City, 9th trip; Iowa City, St. James, D. .50, L. 1.00; Olympia, S. .45-----	91.17
	March 1st, Iowa City to Cedar Rapids, 10th trip, Cedar Rapids to Iowa City, 1st trip; mileage book, Cedar Rapids and Iowa City Ry., 5.00, Iowa City, St. James, B. .50; Olympia, D. .45, S. .35; (spent night in S. U. I. Hospital); 2nd, had breakfast in hospital; Olympia, Iowa City, D. .45; Merchants, S. .40; (spent night at S. U. I. Hospital); 3rd, Iowa City to Cedar Rapids, 2nd trip; Iowa City; breakfast in Hospital; St. James, D. .50, S. .40, Olympia, L. .90; 4th, ill at Cedar Rapids; 6th, ill at Cedar Rapids; telephone, McChesney, .25, night letter to John G. Bowman, N. Y. City, .60; 7th, ill at Cedar Rapids, telephone, McChesney, .25; 8th, Cedar Rapids to Iowa City, 3rd trip; Iowa City to Cedar Rapids, 4th trip; Iowa City, D. .50, S. .35; 9th, ill at Cedar Rapids, telephone, McChesney, .25; 10th, ill at Cedar Rapids, telephone, McChesney, .25, telegram, Dr. Jepson, Sioux City, .40; 11th, ill at home; 13th, ill at home; 14th, Cedar Rapids to Ames, 2.14; Ames to Des Moines, .72; C. & N. W., dining car, B. .65; lunch with friends; Des Moines, Chamberlain, S. .65, L. 1.50; street car, .10; 15th, Des Moines, Kurtz Cafe, B. .45; Mrs. Newton, D. .50, S. .35; Chamberlain, L. 1.50; street car, .20; 16th, Des Moines to Iowa City, 2.41 Des Moines, Kurtz Cafe, B. .40; Bismark, D. .50, Iowa City, Olympia, S. .45, street car, Des Moines, .10; 17th, Iowa City, Merchants, B. .40, Mrs. Leach, D. .50, S. .35; 18th, Iowa City to Cedar Rapids, 5th trip; Iowa City, Merchants, B. .40, Olympia, D. .45, S. .50; 19th, Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip; Iowa City, Mrs. Leach, S. .35; 20th, Cedar Rapids to Ames, 2.14; C. & N. W. dining car, S. B. .50, Mrs. Sloss, D. .50, S. .35, L. .50; 22nd, Ames to Des Moines, stenographer, .75; 5th, Cedar Rapids to Des Moines, 2.88; sleeper, .72; Ames, Mrs. Sloss, B. .35; Des Moines, Savery Cafe, D. .50, S. .50; Chamberlain, L. 1.50; street car, .20; 23rd, Des Moines, Kurtz Cafe, B. .45 Mrs. Newton, D. .50, S. .35; Chamberlain, L. 1.50; street car, .20; 24th, Des Moines to Iowa City, 2.41; Des Moines, Kurtz Cafe, B. .40, D. .45, Iowa City, Burkley, S. .50, L. 1.00; street car, .10; 25th, Iowa City to Cedar Rapids, 8th trip; Iowa City, Merchants, B. .45; Olympia, D. .40, S. .45; 26th, Telephone, McChesney, Iowa City, .25; 27th, Cedar Rapids to Iowa City, 9th trip; Iowa City to Des Moines, 2.41; Iowa City, Olympia, D. .45; C. R. I. & P. dining car, S. .85, Chamberlain, L. 1.50, telegram, Des Moines, .25; 28th, Des Moines to Ames, .72; Ames to Des Moines, .72; Des Moines, Kurtz Cafe, D. .40; (Lunch with friends); Des Moines, Chamberlain, S. .60, L. 1.50; street car, .10; Night letter Senator Funk, .40; 29th, Des Moines, Chamberlain, B. .50; Mrs. Newton, D. .50; Kurtz Cafe, S. .45; Chamberlain, L. 1.50; street car, .20; 30th, Des Moines, Kurtz Cafe, B. .40; Savery Cafe, D. .50, S. .40; Chamberlain, L. 1.50; street car, .20; 31st, Des Moines to Grinnell, 1.10; Des Moines, Kurtz Cafe, B. .40, Savery Cafe, D. .50, Grinnell, Monroe, S. .50, L. .75; street car, .20-----	64.54
	April 1st, Grinnell to Iowa City, 1.31, Iowa City to Cedar Rapids, 10th trip; C. R. I. & P. dining car, B. .65; Iowa City, D. .50, S. .35; 3rd, Cedar Rapids to Iowa City, 1st trip; Iowa City to Des Moines, 2.41; mileage book, Cedar Rapids and Iowa City Ry., 5.00; Iowa City, Burkley, D. .50; Rock Island dining car, S. .85; Des Moines, Chamberlain, L. 1.50; 4th, Des Moines, Chamberlain, B.	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	.55, L. 1.50; Mrs. Newton, D. .50; Savery Cafe, S. .70; street car, .20; 5th, Des Moines, Chamberlain, B. .50, L. 1.50; Mrs. Newton, D. .50, S. .35; street car, .20; 6th, Des Moines, Chamberlain, B. .50, L. 1.50; Savery Cafe, D. .50, S. .55; street car, .20; 7th, Des Moines, Savery Cafe, B. .50; Chamberlain, S. .60, L. 1.50; Capitol, lunch, .25, street car, .20; 8th, Des Moines to Iowa City, 2.41, Iowa City to Cedar Rapids, 2d trip, Des Moines, Kurtz Cafe, B. .45; lunch on train, .50; Iowa City, Olympia, S. .50; street car, .10; 9th, Cedar Rapids to Des Moines, 2.88; sleeper, Cedar Rapids to Des Moines, 1.50; 10th, Des Moines, Savery Inn, B. .50; Mrs. Newton, D. .50; Chamberlain, S. .55, L. 1.50; street car, .20; 11th, Des Moines, Chamberlain, B. .50, L. 1.50 Savery Cafe, D. .50, S. .60; street car, .20; 12th, Des Moines, Chamberlain, B. .45, S. .60, L. 1.50; Savery Cafe, D. .50; street car, .20; 13th, Des Moines to Ames, .72; Des Moines, Kurtz Cafe, B. .40; Ames, College Hall, D. .25; Ames Hotel, S. .50; L. 1.50; street car, .20; 14th, Ames to Cedar Rapids, 2.14; Ames, Ames Hotel, B. .50, D. .50, S. .50; street car, .20; 15th, Cedar Rapids to Iowa City, 3rd trip; Iowa City to Cedar Rapids, 4th trip; Iowa City, Olympia, D. .50, telephone, Prof. Weller, .25; 17th, Cedar Rapids to Cedar Falls, 1.17, Cedar Falls, Burr Hotel, B. .50, S. .50, L. .50; telephone, Iowa City, .60; street car, .20; 18th, Cedar Falls to Cedar Rapids, 1.17; Cedar Falls, Burr Hotel, B. .50, S. .50; lunch with friends; street car, .20; 19th, Cedar Rapids to Iowa City, 5th trip; Iowa City, Burkley, L. 1.00; Colonial, D. .50, S. .50 20th Iowa City, Colonial Cafe, B. .45, D. .50, S. .45; (spent night with friends); 21st, Iowa City to Cedar Rapids, 6th trip; Cedar Rapids to Iowa City, 7th trip; Iowa City, Colonial, B. .45; (spent night with friends); 22d, Iowa City, (spent day and night with friends); 24th, Iowa City to Cedar Rapids, 8th trip; Cedar Rapids to Iowa City, 9th trip; (breakfast with friends); Iowa City, Colonial, D. .50, S. .50; (spent night with friends); 25th, Iowa City to Cedar Rapids, 10th trip; mileage book, Cedar Rapids and Iowa City Ry. Company, 5.00; Iowa City (breakfast with friends); Colonial, D. .50, S. .45; 26th, Cedar Rapids to Ames, 2.14; Ames to Des Moines, .72; C. & N. W. dining car, B. .65; Ames, College Cafe, D. .25; Des Moines, Chamberlain, S. .65, L. 1.50; street car, .20; 27th, Des Moines to Iowa City, 2.41; Des Moines, Kurtz Cafe, B. .40; lunch on train, C. R. I. & P., .50; Iowa City, St. James, L. 1.00; Colonial, S. .50; street car, .10; 28th, Iowa City, Colonial, B. .45, D. .50, S. .45; St. James, L. 1.00; 29th, Iowa City to Cedar Rapids, 1st trip; Iowa City, Colonial, B. .45, D. .50, S. .40; telephone, McChesney, .25	82.83
May 1st,	Cedar Rapids to Des Moines, 2.88; Des Moines to Ames, .72; C. & N. W. dining car, B. .60; Des Moines, Savery Cafe, D. .50; Ames, Ames Hotel, S. .50, L. .50; street car, .20; 2d, Ames to Des Moines, .74; Ames, Ames Hotel, B. .50, S. .50; (lunch with friends); Des Moines, Chamberlain, L. 1.50; street car, .20; 3rd, Des Moines, Chamberlain, B. .60, L. 1.50; Mrs. Newton, D. .50; Savery Cafe, S. .65; street car, .20; 4th, Des Moines to Iowa City, 2.41; Des Moines, Chamberlain, B. .65; lunch on C. R. I. & P. train, .50; Iowa City, Colonial, S. .55, St. James, L. 1.00; street car, .10; 5th, Iowa City, Colonial, B. .45, D. .50, S. .50; Burkley, L. 1.00; 6th, Iowa City to Cedar Rapids, 2nd trip; Cedar Rapids to Ames, 2.14; Iowa City, Colonial, B. .45, D. .50; C. & N. W. dining car, S. .85; (spent night with friends); telephone, McChesney, .25; 8th, Ames to Cedar Rapids, 2.14; Ames, Depot Cafe, B. .40; telephone, Sloss, Ames, .60; 9th, Cedar Rapids to Iowa City, 3rd trip; Iowa City, Colonial, D. .45, S. .50; Burkley, L. 1.00; 10th, Iowa City to Cedar Rapids, 4th trip; Cedar Rapids, to Cedar Falls, 1.17; Iowa City, Colonial, B. .45, D. .50; Cedar Falls, Burr Hotel, S. .50, L. .50; 11th, Cedar Falls to Marshalltown, .99; Cedar Falls, Burr Hotel, B. .50, College Tea House, D. .75; C. G. W. dining car, S. .65; Marshalltown, Pilgrim, L. 1.00; telegram, Stanton, Ames, .25; street car, .20; 12th, Marshalltown to Ames, .75; Ames, Ames Hotel, B. .50, S. .50, L. .50; College Hall, D. .25; Bus Marshalltown, .25; street car, .30; 13th, Ames to Cedar Rapids, 2.14; Ames, Ames Hotel, B. .50 C. & N. W. dining car, D. .90; street car, .10; 15th, Cedar Rapids to Iowa City, 5th trip; Iowa City, Colonial, D. .50, S. .45, Burkley, L. 1.00; 16th Iowa City, Colonial, B. 15; Burkley, D. .50, S. .50, L. 1.00; telegram to Senator Funk, .60; 17th, Iowa City to Colfax, 1.95; Iowa City, Colonial, B. .45, D. .50; Colfax, Hotel Colfax, S. .75, L. 1.50; 18th, Colfax to Des Moines, .46; Colfax, Hotel Colfax, B. .50; Des Moines, Chamberlain, D. .50, L. 1.50; Kurtz Cafe, S. .85; street car, .20; 19th, Des Moines to Iowa City, 2.41; Iowa	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	City to Cedar Rapids, 6th trip; Des Moines, Chamberlain, B. .50; lunch on train, .50, Iowa City, Colonial, S. .45; 20th, Cedar Rapids to Iowa City, 7th trip; Iowa City, D. .50, S. .45; 21st, Cedar Rapids to Des Moines, 2.88; sleeper, Cedar Rapids to Des Moines, 1.50; 22nd, Des Moines, Chamberlain, B. .55, S. .75, L. 1.50; Mrs. Newton, D. .50; telegram, J. G. Bowman, .40; street car, .20; 23rd, Des Moines to Ames, .74; Ames to Des Moines, .74; Des Moines, Chamberlain, B. .50, L. 1.50, Kurtz Cafe, D. .45, Ames, supper with friends, street car, .20; 24th, Des Moines to Grinnell, 1.10, Des Moines, Chamberlain, B. .60, Savery Cafe, D. .50, Chamberlain, S. .75, Grinnell, Monroe, L. 1.00, street car, .20; 25th, Grinnell to Iowa City, 1.31, Iowa City to Cedar Rapids, 8th trip, C.R.I. & P. dining car, B. .70, Iowa City, Burkley, D. .50, S. .50; 26th, Board meeting at Cedar Rapids, telephone, McChesney, .25, telephone, Wilcox, .25; 27th, Cedar Rapids to Iowa City, 9th trip; Iowa City to Cedar Rapids, 10th trip; Iowa City, Burkley, S. .50; 28th, telephone, Wilcox, .25; telephone, McChesney, .25; 29th, Cedar Rapids to Iowa City, 1st trip; mileage book, Cedar Rapids and Iowa City Railway Company, 5.00; Iowa City, Burkley, D. .50, S. .50; 30th, telephone, Bruce Frances, Cedar Falls .40; 31st, Cedar Rapids to Iowa City, 2nd trip; Iowa City, Burkley, D. .50, S. .50, L. 1.00.	91.52
June 1st,	Iowa City, Burkley, B. .45, D. .50, S. .50, L. 1.00; 2nd, Iowa City, Burkley, B. .40, D. .50, S. .50, L. 1.00; 3rd, Iowa City to Cedar Rapids, 3rd trip; Iowa City, Burkley, B. .45, D. .50; Colonial, S. .45; telephone, Prof. Mitchell, Clinton, .50; telephone, Thos. Lambert, Sabula, .50; 5th, Cedar Rapids to Iowa City, 4th trip; Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Cedar Falls, 1.17; Iowa City, Colonial, D. .50, S. .40; Cedar Falls, Burr Hotel, L. .50; telephone, Thos. Lambert, Sabula, .50, telephone Cedar Falls, .40; bus Cedar Falls .15; 6th, Cedar Falls, Burr Hotel, B. .50, S. .50, L. .50; street car .20; telephone Mitchell, Cedar Rapids .25; 7th, Cedar Falls to Cedar Rapids 1.17; Cedar Rapids to Des Moines 2.88; Cedar Falls, Burr Hotel, B. .50; C. & N. W. dining car, S. .90; Des Moines, Victoria, L. 1.50; telephone Iowa City .25, telephone, Baker, Davenport, .60; 8th, Des Moines, Victoria, B. .45, L. 1.50; Savery Cafe, D. .50, S. .65; street car .20; 9th, Des Moines to Iowa City 2.41; C. R. I. & P. dining car, B. .65; Iowa City, Burkley, D. .50, S. .50, L. 1.00; 10th Iowa City to Cedar Rapids, 6th trip; Iowa City, Burkley, B. .45, D. .50; Colonial, S. .45; telephone, McChesney, .25; 11th, Cedar Rapids to Des Moines, via C. M. & St. P., 3.05; sleeper, Marion to Des Moines, 1.50; telephone, McChesney, .25; 12th, Des Moines, Depot Cafe, B. .35; Elliott, L. 1.00; Chamberlain, S. .65; (lunch with friends); 13th, Des Moines to Iowa City, 2.41 Iowa City to Cedar Rapids, 7th trip; C. R. I. & P. dining car, B. .70; Iowa City, Burkley, D. .50, S. .50; 14th, Cedar Rapids to Iowa City, 8th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.25; 15th, Iowa City to Des Moines, 2.41; Iowa City, Burkley, B. .50; Des Moines, Savery Cafe, D. .50, S. .60; Victoria, L. 1.25; telephone, Stanton, Ames, .25; street car, .10; 16th Des Moines to Ames, C. & N. W., .74; Des Moines, Savery Cafe, B. .45; Ames, College Cafe, D. .25; Ames Hotel, S. .50, L. .50; street car, .20; 17th, Ames to Cedar Rapids, 2.14; Ames, Ames Hotel, B. .50; C. & N. W. dining car, D. .85; street car .10; 19th, Cedar Rapids to Iowa City, 9th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.00; telephone, McChesney, .25; 20th, Iowa City to Davenport, 1.08; Davenport to Iowa City, 1.08; C. R. I. & P. dining car, B. .55; Davenport, Kimball Cafe, D. .40; Iowa City, Burkley, S. .50, L. 1.00; 21st, Iowa City to Cedar Rapids, 10th trip; Iowa City, Colonial, B. .35, D. .45, S. .45; 22nd, Cedar Rapids to Ames, 2.14; Ames to Des Moines, .74; Ames, Ames Hotel, D. .50; Des Moines, Victoria, L. 1.25; Savery Cafe, S. .55; street car, .20; 23rd, Des Moines to Grinnell, 1.10, Des Moines, Victoria Cafe, B. .40; Savery Cafe, D. .50; Grinnell, Monroe, S. .50, L. .75; street car, .20; 24th, Grinnell to Iowa City, 1.31; mileage book C. R. & I. C. Ry., 5.00; Iowa City to Cedar Rapids, 1st trip; C. R. I. & P. dining car, B. .65; Iowa City, Burkley, D. .50, S. .50; telephone, Trewin, .25; 27th, Cedar Rapids to Iowa City, 2nd trip; Iowa City to Cedar Rapids, 3rd trip; Cedar Rapids to Cedar Falls, 1.17; Iowa City, Burkley, D. .50; Cedar Falls, Burr Hotel, S. .50, L. .50; telephone, McChesney, .25; street car, .10; 28th, Cedar Falls, Burr Hotel, B. .50, S. .50, L. .50; Tea Room, D. .50; Bus .25; street car, .20; telegram, F. W. Beckman, .25; 29th, Cedar Falls to Cedar Rapids, 1.17; Cedar Rapids to Iowa City, 3rd trip; Cedar Falls, Burr Hotel, B. .50; Iowa City, Burkley, D. .50, S. .50, L. 1.25; telephone, Trewin, Cedar Falls, .40; 30th, Iowa City to	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Davenport, 1.08; Davenport to Iowa City, 1.08; Iowa City to Cedar Rapids, 4th trip; C. R. I. & P. dining car, B. .65; Davenport, Kimball, D. .40; Iowa City, Burkley, S. .50 parlor car, Davenport to Iowa City (no seats in coaches) .25	94.79
July 1st,	Cedar Rapids to Vinton, .47; Vinton to Cedar Rapids, .47; Vinton (meals at College) bus to College, .25; 3rd, Cedar Rapids to Iowa City, 5th trip; Iowa City to Cedar Rapids, 6th trip; Iowa City, Burkley, D. .50, S. .50; 4th, telephone McChesney .25; telephone Patrick .25; 5th, Cedar Rapids to Iowa City, 7th trip; Iowa City to Cedar Rapids, 8th trip; Iowa City, Mrs. Leach, D. .50; Colonial, S. .50; 6th, Cedar Rapids to Ames, 2.14; Ames, Ames Hotel, D. .50, S. .50, L. .50; street car .30; telephone Cedar Rapids .60; 7th, Ames to Cedar Rapids, 2.14; Cedar Rapids to Iowa City, 9th trip; O. & N. W. dining car, B. .65; Iowa City, Burkley, D. .50, S. .50, L. 1.25; telegram Schoentgen, .40; 8th, Iowa City to Cedar Rapids, 10th trip; Iowa City, B. .45, D. .50, S. .50; 9th, telephone, McChesney, .25; 10th, Cedar Rapids to Iowa City, 1st trip; mileage book C. R. & I. C. Ry. 5.00; Iowa City, Burkley, D. .50, S. .50, L. 1.25; 11th, Iowa City to Des Moines 2.41; Des Moines to Cedar Falls 2.15; C. R. I. & P. dining car, B. .60; Des Moines, Savery Cafe, D. .50; C. & G. W. dining car, S. .85; Cedar Falls, Burr Hotel, L. .50; bus, Iowa City, .25; telegram, Miss Erwin, .25; street car, .10; 12th, Cedar Falls to Marshalltown, .99; Cedar Falls, Burr, B. .50; Tea Room, D. .50; C. G. W. dining car, S. .85; Marshalltown, Pilgrim, L. 1.00; street car, .20, telephone McChesney .25, 13th Marshalltown to Ames .75; Ames, Ames Hotel, B. .50, S. .50, L. .50 (dinner with friends), street car .30, telephone McChesney .60; 14th, Ames to Council Bluffs, 3.18; Ames, Ames Hotel, B. .50, D. .50; C. & N. W. dining car, S. .85; Council Bluffs (spent night with friends); street car .20; seat in parlor car Ames to Council Bluffs (no seat in coaches), .70; 15th Council Bluffs to Iowa City, 5.24; Council Bluffs D. .90, S. .70; sleeper Council Bluffs to Iowa City, 1.50; 16th, Iowa City to Cedar Rapids, 2nd trip; C. R. I. & P. dining car, B. .75; 17th, Cedar Rapids to Iowa City, 3rd trip; Iowa City to Cedar Rapids, 4th trip; Iowa City, Burkley, D. .50, S. .50; 18th, Cedar Rapids to Iowa City, 5th trip; Iowa City to Colfax, 1.95 Iowa City, Mrs. Leach, D. .50; Colfax, Hotel Colfax, S. .75; L. 2.00; telegram, Knapp, .25; seat in parlor car, (no seat in coaches) .55; 19th, Colfax to Des Moines, .48; Colfax, Hotel Colfax, B. .75; Des Moines, Savery Cafe, D. .50, S. .70; Victoria, L. 1.25; street car, Des Moines, .20; 20th, Des Moines to Ames, C. & N. W., .74, Ames to Cedar Rapids, 2.14; Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip; Des Moines, Baltimore, B. .35; C. & N. W. dining car, D. .85; Iowa City, Burkley, S. .50; street car, Ames and Des Moines, .15; telegram, J. E. Robinson, .25; 21st, Cedar Rapids to Vinton and return, .94; meals at institution; 22nd, Cedar Rapids to Iowa City, 8th trip; Iowa City to Cedar Rapids, 9th trip; Iowa City, Burkley, D. .50; telephone, McChesney, .25; telephone, Dr. Dean, .25; telegram, relative to Dean Russell, Madison, .50; 23rd, Cedar Rapids to Chicago, 4.55; sleeper, Cedar Rapids to Chicago, 1.50; (24th, did not transact college business, except telephone, as noted below); telephone, Dean Richards, Madison, .75; 25th, Chicago to Madison, Wis., 2.60; Chicago, Lexington Hotel, B. .50; Tip Top, D. .60; C. & N. W. dining car, S. .85; (spent night with friends); street car, .30; 26th, Madison to Chicago, 2.60; C. & N. W. dining car, S. .85; Chicago, Lexington Hotel, L. 2.00; street car Madison .25; 27th, Chicago to Cedar Rapids, 4.55; sleeper, Chicago to Cedar Rapids, 1.50; Cedar Rapids to Iowa City, 10th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.25; 29th, mileage book, Cedar Rapids & Iowa City Ry. Co., 5.00; Iowa City to Cedar Rapids, 1st trip; Iowa City, Burkley, B. .50, D. .50, S. .50; 31st, Cedar Rapids to Iowa City, 2nd trip; Iowa City, Burkley, D. .50, S. .50, L. 1.25	105.39
August 1st,	Iowa City, Burkley Hotel, B. .50, D. .50, S. .50, L. 1.25; 2nd, Iowa City, Burkley Hotel, B. .50, D. .50, S. .50, L. 1.25; 3rd, Iowa City to Cedar Rapids, 3rd trip; Iowa City, Burkley, B. .50, D. .50; Colonial, S. .45; telephone, Dr. Seerley, Cedar Falls, .60; 4th, Cedar Rapids to Iowa City, 4th trip; Burkley, Iowa City, B. .50, D. .50; night letter to McChesney, .50; (Left on vacation trip; returned August 16th); 16th, Cedar Rapids to Iowa City, 5th trip; Iowa City, Burkley, D. .50, S. .50; (spent night with friends); telegram, McChesney, .25; 17th, Iowa City to Cedar Rapids, 6th trip;	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>Iowa City, D. .50, S. .50; 18th, Cedar Rapids to Iowa City, 7th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.00; 19th, Iowa City to Cedar Rapids, 8th trip; Iowa City, Colonial, B. .40; Burkley, D. .50, S. .50; 20th, Cedar Rapids to Chicago 4.55, (this trip to appear before U. S. Postal Commission in New York City, in the interest of College publications); sleeper, Cedar Rapids to Chicago 1.50; 21st, Chicago to New York, 21.00; Chicago, Great Northern Hotel, B. .60; L. S. & M. S. dining car, D. .90, S. 1.15; L. S. & M. S. sleeper Chicago to New York 5.00; telegram Dr. Prentiss .75; 22d, New York City, Park Ave. hotel, L. 2.00; N. Y. C. & H. R. dining car, B. .75; St. Denis Cafe, D. 1.00, S. 1.25; street car .60; stenographer 1.00; 23d, New York to Chicago 15.00; Utica to Lake Clear 3.78; New York, St. Denis Cafe, B. .60, D. .75; N. Y. C. dining car, S. .85; sleeper New York to Lake Clear 2.00; telephone Dr. Le Wald .60; 24th, Lake Clear to Utica 3.78; N. Y. C. Cafe car, B. .60, D. .75; L. S. & M. S. dining car, S. 1.00; sleeper Utica to Chicago, 4.00; 25th, Chicago to Iowa City 4.00; Chicago, Great Northern Cafe, B. .50; C. R. I. & P. dining car, D. .85; Iowa City, Burkley, S. .50, L. 1.00; 26th, Iowa City to Cedar Rapids, 9th trip; Iowa City, Colonial, B. .40, S. .45; Burkley, D. .50; 28th, Cedar Rapids to Iowa City, 10th trip; Iowa City to Cedar Rapids, 1st trip; Cedar Rapids to Chicago 4.55; mileage book C. R. & I. C. Ry. Co. 5.00; Iowa City, Burkley, D. .50, S. .50; sleeper Cedar Rapids to Chicago 1.50; 29th, Chicago to Cedar Rapids 4.55; Chicago, Great Northern, B. .75, D. .80, S. 1.00; telephone .20; street car .40; sleeper Chicago to Cedar Rapids 1.50; 30th, Cedar Rapids to Iowa City, 2d trip; Iowa City to Grinnell, 1.31; Iowa City, Colonial, B. .40, D. .50; Grinnell, Monroe, S. .50, L. .75; 31st, Grinnell to Des Moines 1.10; Des Moines, Chamberlain, B. .50, D. .60; Savery, S. .70, L. 1.50; street car .20</p>	\$ 128.57
Sept. 1st,	<p>Des Moines to Ames, C. & N.-W., .74; Ames to Cedar Rapids 2.14; Des Moines, Evans Cafe, B. .50; C. & N. W. dining car, D. .85; Cedar Rapids to Iowa City, 3rd trip; Iowa City to Cedar Rapids, 4th trip; Iowa City, Colonial, D. .45; Burkley, S. .50; 3rd, telephone Mr. Lambert, Sabula .60; 4th, Cedar Rapids to Des Moines 2.88; Des Moines, Savery, S. .60, L. 1.50; Mrs. Newton, D. .50; street car .10; 5th, Des Moines to Iowa City, 2.41; Des Moines, Savery, B. .50, D. .50; Kirkwood, S. .60; Iowa City, Burkley, L. 1.25; street car Des Moines .20; 6th, Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Vinton .47; Iowa City, Colonial, B. .45; Burkley, D. .50; Vinton (meals and lodging at college); telephone McChesney .20; 7th, Vinton to Cedar Rapids .47; Vinton (meals at College); 8th, Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip; Iowa City, Burkley, D. .50, S. .50; 9th, Cedar Rapids to Iowa City, 8th trip; Iowa City to Cedar Rapids, 9th trip; Iowa City, Colonial, D. .50, S. .50; 11th, Cedar Rapids to Iowa City, 10th trip; Iowa City to Cedar Rapids, 1st trip; mileage book, Cedar Rapids and Iowa City Ry. 5.00; Cedar Rapids to Cedar Falls 1.17; Iowa City, Colonial, D. .50; Cedar Falls, Burr, S. .50, L. .50; street car .10; 12th, Cedar Falls to Vinton .70; Vinton to Cedar Rapids .47; Cedar Falls, Burr Hotel, B. .50, D. .50; Vinton, supper at college; telephone McChesney .50; telegram Lambert .40; 13th, Cedar Rapids to Iowa City, 2nd trip; Iowa City to Des Moines 2.41; C. R. I. & P. dining car, D. .90; Des Moines, Savery, S. .65, L. 1.50; telephone McChesney .25; telephone Bowdish .70; street car .10; 14th, Des Moines to Ames .74; Des Moines, Savery, B. .50; Ames, Depot Cafe, D. .40; Mrs. Sloss, S. .50; street car .20; telephone Bowdish .25; 15th, Ames to Des Moines .74; Ames, Mrs. Sloss, B. .50; Des Moines, Savery, D. .50, S. .60, L. 1.50; street car .20; 16th, Des Moines, Hartford, B. .40, Mrs. Newton, D. .50; (spent night with friends), street car .10; 17th, (spent Sunday with friends); 18th, Des Moines to Colfax .46; Des Moines, Savery, D. .50, S. .60; Colfax, Hotel Colfax, L. 1.50; street car .20; 19th, Colfax to Iowa City 1.95; Colfax, Hotel Colfax, B. .75; C. R. I. & P. dining car, D. .85; Iowa City, Burkley, S. .50, L. 1.25; 20th, Iowa City to Cedar Rapids, 3rd trip; Iowa City, Burkley, B. .50, D. .50, S. .50; 21st, Cedar Rapids to Iowa City, 4th trip; Iowa City, Colonial, D. .45, Burkley, S. .50, L. 1.25; 22nd, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.25; telegram Murphy .56; 23rd, Iowa City to Cedar Rapids, 5th trip; Iowa City, Colonial, B. .40, Burkley, D. .50, S. .50; 24th, telephone Mr. McChesney .25; 25th, Cedar Rapids to Iowa City, 6th trip; Iowa City to Davenport 1.08; Davenport to Iowa City 1.08; C. R. I. & P. dining car, B. .65, D. .85, S. .50; 26th, Cedar Rapids</p>	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	to Cedar Falls 1.17; Cedar Falls to Vinton .70; Cedar Falls, Burr Hotel, D. .50; Vinton (meals and lodging at Institution), street car .20; telegram, Emery .25; 27th, Vinton to Cedar Rapids .47; Cedar Rapids to Iowa City, 7th trip; Iowa City to Des Moines 2.41; Iowa City, Colonial, D. .50, Rock Island dining car, S. .85; Des Moines, Chamberlain, L. 1.50; 28th, Des Moines to Ames, C. & N. W. .74; Des Moines, Chamberlain, B. .55, Mrs. Newton, D. .50, Ames, Ames Hotel, S. .50, L. .50, street car Des Moines .10, street car Ames .20; 29th, Ames to Cedar Rapids 2.14; Ames, Ames Hotel, B. .50; C. & N. W. dining car, D. .75; day letter Pres. Seerley .35; street car .10; 30th, Cedar Rapids to Iowa City, 8th trip; Iowa City to Cedar Rapids, 9th trip; Cedar Rapids to New York 24.55; Iowa City, Colonial, D. .40, sleeper Cedar Rapids to Chicago 1.50 (trip to visit colleges for Blind, as per resolution of Board of Education) \$	109.70
Oct. 1st,	Chicago, Great Northern Hotel, B. .65, D. .75, S. .75; L. 2.00; sleeper Chicago to Columbus 2.00; 2d, Columbus, Neil, S. .80; (other meals at Institution), telegram Pittsburg Institution .50; sleeper Columbus to Pittsburg 1.75; baggage .10; street car .40; 3d, Pittsburg, Fort Pitt, B. .90, S. .45; street car .30, telegram Philadelphia .40; sleeper Pittsburg to Philadelphia 2.00; baggage .05 4th, Philadelphia, St. James, B. .95; Pennsylvania dining car, S. 1.25 (dinner at Institution); New York, Woodstock, L. .3.00; street car .40; telegram New York .25; baggage .10; 5th, New York to Boston 4.00; New York, Woodstock, B. .70, D. .90; state room on boat 2.00; telephone Flexner .20; street car .50; 6th, New Eng. Nav. Co. steamer, B. .80; Boston, Nottingham, S. .1.10, L. 2.50; street car .40; 7th, Boston to New York 6.75; Boston, N. E. Cafe, B. .65, N. Y. N. H. & H. dining car, D. .1.20; New York Herald Square, S. .80, L. 2.50; street car .40; night letter McChesney .60; 8th, New York to Cedar Rapids 19.55; New York, Herald Square, B. .65, Penn. dining car, D. 1.20, S. 1.25; sleeper N. Y. to Chicago 5.00; 9th, Penn. dining car, B. 1.00; Chicago Great Northern, D. .75, S. .80; Baggage .10; sleeper Chicago to Cedar Rapids 1.50; street car .30; 10th, Cedar Rapids to Iowa City, 10th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.25; 11th, mileage book C. R. & I. C. Ry. Co. 5.00; Iowa City to Cedar Rapids, 1st trip; Cedar Rapids to Des Moines 2.88; Iowa City, Colonial, B. .45; Burkley, D. .50; C. & N. W. dining car, S. .85; Des Moines, Savery, L. 1.50; 12th, Des Moines, Savery, B. .45, L. 1.50; Mrs. Newton, D. .50; street car .20; 13th, Des Moines to Ames .74; Ames to Cedar Rapids 2.14; Cedar Rapids to Iowa City, 2d trip; C. & N. W. dining car, D. .85 (breakfast with friends), Iowa City, Colonial, S. .45, Burkley, L. 1.25; street car .10; 14th, Iowa City to Cedar Rapids, 3rd trip; Iowa City, Burkley, B. .40, D. .50, S. .50; 15th, telephone, Mr. Eaton, Vinton .25; 16th, Cedar Rapids to Cedar Falls 1.17; Cedar Falls to Marshalltown 1.00; Cedar Falls, Burr, B. .50; C. G. W. dining car, S. .90; Marshalltown, Pilgrim, L. 1.00; Cedar Falls, street car .20; Marshalltown, bus (raining) .25; 17th, Marshalltown to Ames .75; Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50; street car .30; 18th, Ames to Des Moines .74; Ames, Ames Hotel, B. .50; Des Moines, Mrs. Newton, D. .50; Chamberlain, S. .65, L. 1.50; street car .20; 19th, Des Moines to Iowa City 2.14; Des Moines, Chamberlain, B. .50; R. I. dining car, D. .85; Iowa City, Burkley, S. .50, L. 1.25; street car .15; 20th, Iowa City, Colonial, B. .40, D. .50; Burkley, S. .50, L. 1.25; 21st, Iowa City, Colonial, B. .40, D. .50, S. .50, L. 1.25; 22d, Iowa City to Cedar Rapids, 4th trip; Iowa City, Burkley, B. .50, D. .50; day telegram Joseph Newton, Boston .90; answer, night letter .60; 23d, Cedar Rapids to Iowa City, 5th trip; Iowa City, Colonial, D. .45; Burkley, S. .50, L. 1.25; 24th, Iowa City, Burkley, B. .40, D. .50, S. .50, L. 1.25; 25th, Iowa City to Vinton (Rock Island) 1.11; Vinton to Cedar Rapids .47; Iowa City, Colonial, B. .40; Vinton, dinner at Institution, Depot Cafe, S. .45; bus .25; 26th, Cedar Rapids to Ames 2.14; Ames to Des Moines .74; C. & N. W. dining car, B. .60; Ames, Ames Hotel, D. .50; Des Moines, Savery, S. .60, street car .20; 27th, Des Moines to Iowa City 2.41; Des Moines, Savery, B. .45; C. & N. W. dining car, D. 1.00; Iowa City, Burkley, S. .50, L. 1.25; street car .10; 28th, Iowa City to Cedar Rapids, 6th trip; Iowa City, Colonial, B. .40; Burkley, D. .50, S. .50; 30th, Cedar Rapids to Iowa City, 7th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.25; 31st, Iowa City to Des Moines 2.41; C. R. I. & P. dining car, B. .75; Des Moines, Chamberlain, S. .60, L. 1.50; Mrs. Newton, D. .50; bus Iowa City .25; street car .20.	\$ 154.34

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
Nov. 1st,	Des Moines to Ames .74, Ames to Des Moines .74, Des Moines Chamberlain, B. .65, S. .75, L. 1.50; street car fare .10; 2d, Des Moines Chamberlain, B. .65, S. .60, L. 1.50; Mrs. Newton, D. .50; street car fare .20; 3rd, Des Moines to Iowa City 2.41; Des Moines, Chamberlain, B. .50, O. R. I. & P. dining car, D. .85; Iowa City, Burkley, S. .50, L. 1.25; street car fare .10; 4th, Iowa City to Cedar Rapids, 8th trip; Iowa City, Colonial, B. .40, Burkley, D. .50, S. .50; 5th, telephone Lambert, .50; 6th, Cedar Rapids to Iowa City, 9th trip; Iowa City to Cedar Rapids, 10th trip; telephone Lambert .50, telephone McChesney .25; 7th, Cedar Rapids to Ames 2.14, Ames to Des Moines .74; Ames, Ames Hotel, D. .50; Des Moines, Savery, S. .60, Chamberlain, L. .1.50; street car, Ames .20, street car, Des Moines .10; 8th, Des Moines to Chicago 7.00; Des Moines, Chamberlain B. .40, S. .60, Mrs. Newton D. .50; street car .20, sleeper Des Moines to Chicago 2.00; 9th, Chicago, Great Northern, B. .65, Tip Top Inn, D. .65, Sherman House, S. 1.15, L. 3.00; street car fare .40, baggage .10; 10th, Chicago to Iowa City 4.60; Chicago, Hotel Sherman, B. .60, O. R. I. & P. dining car, D. .90; Iowa City, Burkley, S. .50, L. 1.25; street car .10, sleeper .75; 11th, Iowa City to Cedar Rapids, 1st trip; mileage book, C. R. & I. O. Ry. 5.00; Iowa City, Colonial, B. .45, D. .40; 12th, telephone Dr. Seerley .40; telephone Dr. Guthrie .40, telephone J. M. Fisk .25; 13th, Cedar Rapids to Cedar Falls 1.17; Cedar Falls to Cedar Rapids 1.17; Cedar Rapids to Iowa City, 2d trip; Cedar Falls, Inn, D. .50, Burr Hotel, S. .50; Iowa City, Burkley, L. 1.25; telephone Dr. Albert .60, telegrams for nurses .50, telegram McChesney .25, telephone Elgin for nurse .55; 14th, Iowa City to Des Moines 2.41; Iowa City, Colonial, B. .40, Burkley, D. .50, O. R. I. & P. dining car, S. .80, Des Moines, Chamberlain, L. 1.50; 15th, Des Moines to Ames .68; Des Moines, Chamberlain, B. .45, Ames, Mrs. Sloss, D. .50, S. .35, L. .50; street car .10; 16th, Ames to Cedar Falls 1.75; Ames, Mrs. Sloss, B. .35, C. & G. W. dining car, D. .75, Cedar Falls, Exmore Cafe, S. .45; street car .15; 17th, Cedar Rapids to Iowa City, 3rd trip; Iowa City, Burkley, D. .50, S. .50, L. 1.25; 18th, Iowa City to Cedar Rapids, 4th trip; Iowa City, Colonial, B. .40, Burkley, D. .50; 20th, Cedar Rapids to Iowa City, 5th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.25; telephone Dr. Seerley .40; 21st, Iowa City to Des Moines 2.41; Iowa City, Burkley, D. .50, Colonial, B. .40; Des Moines, Chamberlain, S. .75, L. 1.50; 22d, Des Moines, Chamberlain, B. .40; Mrs. Newton, D. .50, S. .50, L. 1.50; street car .20; 23d, Des Moines to Ames .74, Ames to Cedar Rapids 2.14; Des Moines, Chamberlain, B. .45, street car .10; 24th, Cedar Rapids to Cedar Falls 1.17, Cedar Falls to Vinton .70; Cedar Falls, Burr, D. .50; street car .20, telephone Supt. Eaton, Vinton .25; 25th, Vinton to Cedar Rapids .47, Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip; Iowa City, Colonial, D. .40, S. .45; telephone McChesney .25, telephone Mrs. Bennett, Mt. Vernon .25; 26th, Cedar Rapids to Marshalltown 1.30; Marshalltown, Stoddart, L. .75, S. .35; 27th, Marshalltown to Des Moines 1.49, Des Moines to Grinnell 1.10; Des Moines, Chamberlain, S. .40, Boeckenhoff, D. .45, Grinnell, Monroe, S. .50, L. .75; bus .25, street car .20, telephone, Mrs. Bennett, Mt. Vernon .25; 28th, Grinnell to Iowa City 1.31; Grinnell, Monroe, B. .50, Iowa City, Burkley, D. .50, S. .50, L. 1.25; 29th, Iowa City, Burkley, B. .45, D. .50, S. .50, L. 1.25; 30th, Iowa City to Cedar Rapids, 8th trip; Iowa City, Colonial, B. .40	\$ 110.87
Dec. 1st,	Cedar Rapids to Iowa City, 9th trip, Iowa City to Cedar Rapids, 10th trip; Iowa City, Burkley, S. .50; 2d, Cedar Rapids to Iowa City, 1st trip, Iowa City to Cedar Rapids, 2d trip; Iowa City, Burkley, D. .50, S. .50; mileage book, C. R. & I. O. Ry. 5.00; 4th, Cedar Rapids to Iowa City, 3rd trip, Iowa City to Cedar Rapids, 4th trip; Iowa City, Burkley, D. .50, Colonial, S. .45; telephone Trewin .25; 5th, Cedar Rapids to Cedar Falls 1.17, Cedar Falls to Cedar Rapids 1.17; Cedar Rapids to Iowa City, 5th trip; Cedar Falls, Burr Hotel, D. .50, Cedar Rapids, Depot Cafe, S. .50, Iowa City, Burkley, L. .1.25; telephone, Eaton, Vinton .25; 6th, Iowa City to Des Moines 2.41; Des Moines to Ames .74; Iowa City, Burkley, B. .45, D. .40, O. R. I. & P. dining car, S. .85, Ames, Mrs. Sloss, L. .75; 7th, Ames to Des Moines .74; Ames, Mrs. Sloss, B. .35, D. .50, Des Moines, Chamberlain, S. .65, L. 1.50; street car .20; 8th, Des Moines to Iowa City 2.41; Des Moines, Kurtz Cafe, B. .35, Rock Island dining car, D. .85, Iowa City, Burkley, S. .50, L. .1.25; street car .10; 9th, Iowa City to Cedar Rapids, 6th trip; Iowa City, Colonial, B. .40, Burkley, D. .50, S. .50; 11th, Cedar	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>Rapids to Iowa City, 7th trip, Iowa City to Cedar Rapids, 8th trip; Iowa City, Burkley, D. .50, S. .50; 12th, Cedar Rapids to Cedar Falls 1.17, Cedar Falls to Des Moines 2.16; Cedar Falls, Burr Hotel, D. .50, C. G. W. dining car, S. .75, Des Moines, Chamberlain, L. 1.50; street car .20; 13th, Des Moines to Ames .74; Des Moines, Chamberlain, B. .45, Des Moines, Mrs. Newton, D. .50, Chamberlain, S. .60, Ames, Ames Hotel, L. .50; street car .20; 14th, Ames to Des Moines, .72; Ames, Ames Hotel, B. .50, College Cafe, D. .25, Des Moines, Savery, S. .60, L. 1.50; street car .20; 15th, Des Moines to Iowa City 2.41, Iowa City to Cedar Rapids, 9th trip, Rock Island dining car, B. .65; Iowa City, Burkley, D. .50, S. .50; telephone, Davidson & Bros. (over time) .80; 16th, Cedar Rapids to Iowa City, 10th trip, Iowa City to Cedar Rapids, 1st trip, mileage book, C. R. & I. C. Ry. 5.00; Iowa City, Colonial, D. .45, Iowa City, Burkley, S. .50; 18th, Cedar Rapids to Iowa City, 2nd trip, Iowa City to Des Moines 2.41; Iowa City, Colonial, D. .50, C. R. I. & P. dining car, S. .85, Des Moines, Chamberlain, L. 1.50; 19th, Des Moines, Chamberlain, B. .45, S. .50, L. 1.50, Des Moines, Mrs. Newton, D. .50; street car .20, telephone, Lambert, Ames .25; 20th, Des Moines to Iowa City 2.41; Des Moines, Chamberlain, B. .50, Des Moines, Mrs. Newton, D. .50, on train, S. .50, Iowa City, Burkley, L. 1.25; street car .20; 21st, Iowa City to Cedar Rapids, 3d trip, Cedar Rapids to Vinton .47; Iowa City, Colonial, B. .45, D. .50; 22d, Vinton to Cedar Rapids .47, Cedar Rapids to Iowa City, 4th trip; Iowa City, Colonial, D. .50, S. .50, Iowa City, Burkley, L. 1.25; 23d, Iowa City to Cedar Rapids, 5th trip; Iowa City, Colonial, B. .40, D. .45, S. .40; 25th, telephone Fisk, Iowa City .25; telephone, Eaton, Vinton (messenger) .50; 26th, Cedar Rapids to Iowa City, 6th trip, Iowa City to Cedar Rapids, 7th trip, Cedar Rapids to Sioux City 6.41; Iowa City, Colonial, D. .45, S. .50; telephone Fisk .25, sleeper Cedar Rapids to Sioux City 1.50; 27th, Sioux City to Onawa .74, Onawa to Omaha 1.65; Omaha to Cedar Rapids 5.57; C. & N. W. dining car, B. .75, S. .65, Sioux City, West Hotel, D. .50; sleeper Omaha to Cedar Rapids 1.50, parlor car, Sioux City to Omaha (no seats) .65; 28th, Cedar Rapids to Iowa City, 8th trip; C. & N. W. dining car, S. .50, Iowa City, Colonial, D. .40, S. .40, Burkley, L. 1.25; 29th, Iowa City, Colonial, B. .40, D. .35, S. .45; Burkley, L. 1.25; 30th, Iowa City to Cedar Rapids, 9th trip; Iowa City, Burkley, B. .35, Colonial, D. .40, S. .45</p>	\$ 99.67
1912	<p>Jan. 1st, Cedar Rapids to Ames 2.14; C. & N. W. dining car, S. .75, Mrs. Sloss, Ames, L. .50; street car .05, telephone Supt. Sloss .50; 2d, Ames to Des Moines .74; Ames, Mrs. Sloss, B. .50; Des Moines, Chamberlain, S. .60, L. 1.50, Mrs. Newton, D. .50; street car .20, telephone .10; 3rd, Des Moines, Chamberlain, B. .50, S. .75, L. 1.50, Savery, D. .50; street car .20; 4th, Des Moines to Iowa City 2.41, Des Moines, Chamberlain, B. .45, C. R. I. & P. dining car, D. .75; Iowa City, Burkley, S. .40, L. 1.00; street car .10; 5th, Iowa City, Burkley, B. .40, D. .40, S. .40, L. 1.00; 6th, Iowa City to Cedar Rapids, 10th trip; Iowa City, Burkley, B. .40, Colonial, D. .45, S. .35; 7th, telephone Lambert, .50; 8th, Cedar Rapids to Iowa City, 1st trip; mileage book Cedar Rapids and Iowa City Ry. Co., 5.00, Iowa City, Colonial, D. .45, S. .40, Burkley, L. 1.00; 9th, Iowa City to Cedar Rapids, 2d trip; Iowa City, Burkley, B. .45, Colonial, D. .40, S. .45; 10th, Cedar Rapids to Cedar Falls, 1.17, Cedar Falls to Marshalltown, 1.00, Cedar Falls, Oxford Cafe, D. .50, C. & G. W. dining car, S. .90, Marshalltown, Pilgrim, L. .75, street car .10; 11th, Marshalltown to Ames .75, Marshalltown Pilgrim B. .50, Ames, Mrs. Sloss, D. .50, S. .50, L. .50, bus, .25, street car, .15, telephone, J. S. Sherman, .30; 12th, Ames to Cedar Rapids, 2.14, Ames, Mrs. Sloss, B. .50, Ames Hotel, D. .50, C. & N. W. dining car, S. .60, street car, .10; 13th, Cedar Rapids to Iowa City, 3d trip; Iowa City to Cedar Rapids, 4th trip; Iowa City, Colonial, D. .40, S. .45, telephone, Fisk, .25; 14th, telephone D. D. Murphy, .40, telephone, Thomas Lambert, .50; 15th, Cedar Rapids to Iowa City, 5th trip; Iowa City, Colonial, D. .40, S. .45, Burkley, L. 1.00; 16th, Iowa City, Burkley, B. .35, L. 1.00, Colonial, D. .40, S. .45; 17th, Iowa City to Des Moines, 2.41, Iowa City, Colonial, B. .40, D. .45, C. R. I. & P. dining car, S. 1.00, Des Moines, Chamberlain, L. 1.50; 18th, Des Moines, Chamberlain, B. .50, D. .60, S. .50, L. 1.50, street car, .20; 19th, Des Moines to Ames, .74, Ames to Cedar Rapids, 2.14, Cedar Rapids to Iowa City,</p>	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	6th trip; Des Moines, Chamberlain, B. .50, Ames, Depot Cafe, D. .50, Iowa City, Burkley, S. .50, L. 1.00, street car .15; 20th, Iowa City to Cedar Rapids, 7th trip; Iowa City, Burkley, B. .40, Colonial, D. .40, S. .35, telephone, Eaton, Vinton, .25, telephone, Lambert, Sabula, .50; 21st, telephone, Sloss, Ames, 1.05, charges made for overtime, telephone, Murphy, Elkader .40; 22d, Cedar Rapids to Vinton .47, Vinton to Cedar Rapids .47, telephone Trewin .25, telephone Lambert .50; 23rd, Cedar Rapids to Iowa City, 8th trip; Iowa City to Cedar Rapids, 9th trip; Iowa City, Colonial, D. .40, S. .40, telephone, McChesney, .25; 24th, Cedar Rapids to New York, 28.55, sleeper, Cedar Rapids to Chicago, 1.50; 25th, Chicago, C. & N.-W. Cafe, B. .50, (lunch with friends), L. S. & M. S. dining car, S. 1.15, berth Chicago to New York, 5.00; 26th N. Y. C. dining car, B. .75, D. 1.00, S. 1.00; 28th, New York, Herald Square, S. .80, L. 3.00; 29th, New York, Herald Square, L. 3.00; Cafe, B. .60, D. .1.15, S. 1.00, telephone Professor Pearson (Albany), 1.40, street car .30; 30th, New York, Cafe, B. .65, D. .80, S. 1.00, street car .30, telephone .25, sleeper New York to Washington 2.00; 31st, Washington, D. C. Hamilton, B. .75, D. .75, S. .75, L. 2.00; street car, .40	\$ 127.53
February 1st,	Washington, D. C., Shoreham, B. .75, D. .65, S. 1.10, L. 3.00, street car, .20, cab, 1.00; 2d, Washington, D. C., Shoreham, B. .65, D. .60, S. 1.25, L. 3.00, street car, .40, night letter to W. J. McChesney, .60; 3d, Washington to Philadelphia and return, 6.00, Washington, D. C., Cafe, B. .65, D. .75, S. 1.00; Philadelphia, Walton, L. 2.00, street car, .20; 4th, Washington, Shoreham, S. 1.00, L. 3.00, Cafe, B. .60, D. 1.00, street car .40; 5th, Washington, D. C., Shoreham, B. .60, D. .65, S. 1.00, L. 3.00, street car, .25, telegram, McChesney, .60; 6th, Washington, Shoreham, B. .65, D. .50, B & O. dining car, S. 1.10, street car, .40, sleeper Washington to Chicago, \$4.50; 7th, Chicago to Des Moines, 7.00, B. & O. dining car, B. .75, D. .95, Chicago, Great Northern, S. 1.00, telegram, McChesney at Iowa City, .40, sleeper Chicago to Des Moines, 2.00, cab, Chicago, .50; 8th, Des Moines to Iowa City, 2.41, Iowa City to Cedar Rapids, 10th trip; Des Moines, Savery, B. .50, C. R. I. & P. dining car, D. .85, Iowa City, Burkley, S. .50, street car, .10; 9th, Cedar Rapids to Iowa City, 1st trip; mileage book C. R. & I. C. Ry. Co., 5.00, Iowa City, Burkley, D. .50, L. 1.00, S. .50; 10th, Iowa City to Cedar Rapids, 2d trip; Iowa City, Burkley, B. .45, D. .50, S. .50; 12th, Cedar Rapids to Iowa City 3d trip; Iowa City, Burkley, S. .50, L. 1.00; 13th, Iowa City to Des Moines, 2.41, Des Moines, Chamberlain, S. .65, L. 1.50, C. R. I. & P. dining car, B. .70, Mrs. Newton, D. .50, bus, 25, street car, 20; 14th, Des Moines to Ames, .74, Des Moines, Chamberlain, B. .50, Ames, College Hall, D. .25, S. .25, Ames Hotel, L. .50, street car, 10; 15th, Ames to Des Moines, .74, Ames, Ames Hotel, B. .50, Des Moines, Savery, D. .50, S. .50, Randolph, L. 1.50, street car, .10; 16th Des Moines to Iowa City, 2.41, C. R. I. & P. dining car, B. .70, Iowa City, Burkley, D. .50, S. .50, L. 1.00; 17th, Iowa City to Cedar Rapids, 4th trip; Iowa City, Burkley, B. .40, D. .30, S. .50; 18th, telephone, Flak, Iowa City .25; 19th, Cedar Rapids to Iowa City, 5th trip; Iowa City, Students' Union, D. .30, S. .35, Burkley, L. 1.25; 20th, Iowa City, Burkley, B. .40, D. .50, S. .50, L. 1.25, telephone, Supt. Sloss, Ames, .60; 21st, Iowa City, Burkley, S. .50, L. 1.25, Students' Union, B. .30, D. .30; 22d, Iowa City to Cedar Rapids, 6th trip; Cedar Rapids to Rochester, Minn., 2.75, Iowa City, Burkley, B. .40, D. .30, S. .50, sleeper Cedar Rapids to Owatonna, Minn., 1.50, telephone, Lambert, Ames, .60; 23d, Rochester to Iowa City via West Liberty, 4.89, Owatonna, Owatonna, B. .60, S. .60, Rochester, Cook, D. .75, bus, Owatonna (2), .50, Bus Rochester (2), .50, sleeper Owatonna to West Liberty, 2.00; 24th, Iowa City to Cedar Rapids, 7th trip; Iowa City, Burkley, B. .40, Students' Union, D. .30, S. .35; 26th, Cedar Rapids to Iowa City, 8th trip; Iowa City to Davenport, 1.08, Iowa City, Burkley, D. .30, S. .50, Davenport, Kimball, L. 2.00, telephone, McChesney, .25; 27th, Davenport to Iowa City 1.08, Iowa City to Cedar Rapids, 9th trip; Davenport, Kimball, B. .60, Iowa City, Burkley, D. .30, S. .50, street car, .10, telephone, Supt. Eaton, Vinton, .25; 28th, Cedar Rapids to Vinton, .47, (meals at college); 29th, Vinton to Cedar Rapids, .47, Cedar Rapids to Iowa City, 10th trip; Iowa City to Cedar Rapids, 1st trip; mileage book C. R. and I. C. Ry., 5.00, Iowa City, Burkley, D. .50, S. .50, telephone, Supt. Eaton at Vinton, .25	\$ 128.89

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
March 1st,	Cedar Rapids to Vinton .47, Vinton, meals and lodging at College; 2d, Vinton to Cedar Rapids, .47, Cedar Rapids to Iowa City, 2d trip; Iowa City to Cedar Rapids, 3d trip; Iowa City, Burkley, D. .30, S. .50; 3d telephone, Mr. Baker, Davenport, .50; 4th, Cedar Rapids to Iowa City, 4th trip; Iowa City to Des Moines, 2.41, Iowa City, Burkley, D. .50, C. R. I. & P. dining car, S. .95, Des Moines, Chamberlain, L. 1.50; 5th, Des Moines to Iowa City, 2.41, Des Moines, Chamberlain, B. .45, C. R. I. & P. dining car, D. .85, Iowa City, Burkley, S. .50, L. 1.25, street car, 10; 6th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.25, night letter, Pearson, New York, .60; 7th, Iowa City to Cedar Rapids, 5th trip; Iowa City, Bon Ton, B. .40; Burkley, D. .50, S. .50; 8th, Cedar Rapids to Ames, 2.14, C. & N.-W. dining car, B. .60, Ames, Ames Hotel, D. .50, Mrs. Sloss, S. .50, L. .50, street car, .20; 9th, Ames to Cedar Cedar Rapids, 2.14, Ames, Mrs. Sloss, B. .50, C. & N.-W. dining car D. .75, street car, .05; 10th, telephone, Lambert, Des Moines, .70, telephone, Bowman, Iowa City, .25; 11th, Cedar Rapids to Des Moines, 2.88, Des Moines to Cedar Falls, 2.16, Des Moines, Savery, D. .35, C. G. W. dining car, S. .90, Cedar Falls, Burr, .50, street car, 10; 12th, Cedar Falls to Cedar Rapids 1.17, Cedar Falls, Burr, B. .50, D. .50, Cafe, S. .50, night letter, I. S. Pepper, Washington, D. C., .60; 13th, telephone, McChesney, Iowa City (2), .50; telephone, Leon Brown, Des Moines, .70, stenographer, 1.50, telephone, Eaton, Vinton, .25; 14th, Cedar Rapids to Iowa City, 6th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.00; 15th, Iowa City, Burkley, B. .35, College Union, D. .30, S. .50, L. 1.00; 16th, Iowa City to Cedar Rapids, 7th trip, Iowa City, Merchants, B. .40, D. .40, Burkley, S. .50, telephone, University Hospital, .25; 18th, Cedar Rapids to Iowa City, 8th trip, Iowa City, Merchants, D. .35, S. .50, L. 1.25, telephone, Pres. Bowman, .25, telephone, McChesney, .25; 19th, Iowa City, Burkley, B. .40, Merchants, D. .45, S. .45, Burkley, L. 1.25; 20th, Iowa City to Des Moines, 2.41, Iowa City, Merchants, B. .35, Burkley, D. .50, C. R. I. & P. dining car, S. .90, Des Moines, Chamberlain, L. 1.50, cab (storm) .25; 21st, Des Moines, Chamberlain, B. .55, D. .50, S. .65, L. 1.50, street car, .20; 22d, Des Moines to Iowa City, 2.41, Des Moines, Chamberlain, B. .50, Savery, D. .50, Iowa City, Burkley, S. .50, L. 1.25, street car, .10; 23d, Iowa City to Cedar Rapids, 9th trip; Iowa City, Merchants, B. .35, D. .40, Students' Union, S. .35, telephone, Dr. Dean, Iowa City, .30, telephone, Eaton, Vinton, .25; 24th, telephone, Baker, Davenport, .50, telephone, Lambert, Des Moines, .35; 25th, Cedar Rapids to Vinton, .47, Vinton meals at Institute, Iowa City, Merchants Hotel, S. .45, Burkley, L. 1.25, telephone, McChesney, .25, telephone, Bowman, .25; 26th, Iowa City to Des Moines, 2.41, Des Moines to Ames, .74, C. R. I. & P. dining car, B. .75, Des Moines, Savery, D. .50, S. .50, (spent night with friends); 27th Ames to Cedar Rapids, 2.14, Cedar Rapids to Iowa City, 1st trip; C. R. & I. C. mileage book, 5.00, C. & N.-W. dining car, B. .50, Iowa City, Burkley, D. .50, S. .50, L. 1.00; 28th, Iowa City, Merchants, B. .30, Burkley, D. .50, S. .50, L. 1.00; 29th, Iowa City to Cedar Rapids, 2d trip; Iowa City, Burkley, B. .45, D. .30; 30th, Cedar Rapids to Iowa City, 3d trip; Iowa City to Cedar Rapids, 4th trip; Iowa City, Merchants, D. .40, S. .35-----	\$ 89.50
April 1st,	Cedar Rapids to Iowa City, 5th trip; Iowa City, Merchants, D. .40, Burkley, S. .50, L. 1.25; 2d, Iowa City to Cedar Rapids, 6th trip; Iowa City, Burkley, B. .50, D. .50, S. .50; 3d, Cedar Rapids to Iowa City, 7th trip, Iowa City to Des Moines, 2.41, Iowa City, Merchants, S. .40, Des Moines, Elliott, L. 1.00, sleeper Iowa City to Des Moines, 1.50, telephone, College for the Blind, .25, stenographer, 1.00; 4th, Des Moines to Ames, .72, Des Moines, Savery, B. .40, D. .50, Ames, Ames Hotel, S. .50, L. .50, street car .20; 5th, Ames to Cedar Rapids 2.14, Ames, Ames Hotel, B. .50, C. & N. W. Cafe, D. .50, street car .20; night letter, Pearson .60, 6th, Cedar Rapids to Iowa City, 8th trip; Iowa City to Cedar Rapids, 9th trip; Iowa City, Burkley, D. .50, Merchants, S. .40; 8th, Cedar Rapids to Iowa City, 10th trip, Iowa City to Cedar Rapids, 1st trip; mileage book C. R. & I. C. Ry. 5.00, Iowa City, Burkley, D. .30, S. .50; 9th, Cedar Rapids to Cedar Falls, 1.17, Cedar Falls to Des Moines, 2.16; Cedar Falls, Burr Hotel, D. .50, C. G. W. dining car .90, Des Moines, Chamberlain, L. 1.50, street car .20; 10th, Des Moines to Ames, .72, Des Moines, Chamberlain, B. .45, Savery, D. .50, S. .60 (spent night with friends), street car, .20; 11th, Ames to Des Moines, .72, Ames, Depot Cafe, D. .50, Ames Hotel, S. .50, Des Moines, Chamberlain, L. 1.50, street car, .20; 12th, Des Moines to	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>Cedar Rapids, 2.41, Des Moines, Chamberlain, B. .50, C. R. I. & P. dining car, D. .85, Iowa City, Burkley, S. .50, L. 1.25, street car, 10; 13th, Iowa City to Cedar Rapids, 2d trip; Iowa City, Merchants, B. .30, D. .40, S. .40; 15th, Cedar Rapids to Iowa City, 3d trip; Iowa City to Cedar Rapids, 4th trip; Cedar Rapids to Ames, 2.14, Iowa City, Merchants, D. .35, C. & N.-W. dining car, S. .85, Ames, Mrs. Sloss, L. .75; 16th, Ames to Des Moines, .74; Ames, Mrs. Sloss, B. .35, D. .50, Des Moines, Chamberlain, S. .65, L. 1.50, street car, .10; 17th, Des Moines to Grinnell, 1.10, Des Moines, Chamberlain, B. .45, Savery, D. .50, Chamberlain, S. .60, Grinnell, Monroe, L. 1.00, street car, .20; 18th, Grinnell to Iowa City, 1.31, Iowa City to Cedar Rapids, 5th trip; C. R. I. & P. dining car, S. .70, Iowa City, Burkley, D. .50, S. .50; 19th, Cedar Rapids to Iowa City, 6th trip; Iowa City, Students' Union, D. .30, Burkley, S. .50, L. 1.25, night letter, Pepper, Washington, .60; 20th, Iowa City to Cedar Rapids, 7th trip; Iowa City, Merchants, B. .40, D. .45, Burkley, S. .50; 22d, Cedar Rapids to Iowa City, 8th trip; Iowa City to Cedar Rapids, 9th trip; Iowa City, Merchants, D. .40, telephone, Eaton, Vinton, .25; 23d, Cedar Rapids to Ames, 2.14, Ames to Des Moines, .72, Ames, Ames Hotel, D. .50, S. .50, Des Moines, Chamberlain, L. 1.50, street car, .30; 24th, Des Moines, Chamberlain, B. .50, Evans, D. .50, Chamberlain, S. .65, L. 1.50, street car, .20; 25th, Des Moines to Cedar Rapids, 2.88; Cedar Rapids to Vinton, .47, Des Moines, Chamberlain, B. .50, C. & N. W. dining car, L. .85 Vinton, (meals and lodging at College), street car, .10, telegram, Eaton, Vinton, .25, telephone, McChesney, Iowa City, .25, 26th, Vinton to Cedar Rapids, .47, Cedar Rapids to Iowa City, 10th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.25; 27th, C. R. & I. C. mileage book, 5.00; Iowa City to Cedar Rapids, 1st trip; Iowa City, Burkley, B. .35, Merchants, D. .40, Burkley, S. .50; 29th, Cedar Rapids to Iowa City, 2d trip; Iowa City to Des Moines, 2.41, Iowa City, Burkley, D. .50, C. R. I. & P. dining car, S. .85, Des Moines, Chamberlain, L. 1.50, seat in parlor car, no seats in coach, .55; 30th, Des Moines, Chamberlain, B. .45, Mrs. Newton, D. .50, Chamberlain, S. .60, L. 1.50, street car, .20</p>	\$ 94.48
May 1st,	<p>Des Moines to Ames, .72, Ames to Des Moines, .72, Des Moines, Chamberlain, B. .45, S. .80, L. 1.50, street car, .10; 2d, Des Moines, Chamberlain, B. .65, D. .50, S. .75, L. 1.50, street car .20; 3d, Des Moines to Iowa City, 2.41, Iowa City to Cedar Rapids, 3d trip; C. R. I. & P. dining car, B. .60, Iowa City, Burkley, D. .50, S. .50; 4th, Cedar Rapids to Iowa City, 4th trip; Iowa City to Cedar Rapids, 5th trip; Iowa City, Merchants, D. .40, S. .35; 6th, Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip; Iowa City, Merchants, D. .35, S. .40; 7th, Cedar Rapids to Ames, 2.14, Ames, Depot Cafe, D. .50, Ames Hotel, S. .50, L. .50, street car .20; 8th, Ames to Des Moines, .72, Ames, Ames Hotel, B. .50, Depot Cafe, D. .50, Des Moines, Chamberlain, S. .60, L. 1.50; 9th, Des Moines to Cedar Rapids, 2.88, Cedar Rapids to Vinton, .47, Des Moines, Chamberlain, B. .50, C. & N.-W. dining car, D. .85, meals and lodging Vinton at College, street car, .10; 10th, Vinton to Cedar Falls, .70, Cedar Falls to Cedar Rapids, 1.17, Cedar Rapids to Iowa City, 8th trip; Cedar Falls dinner with friends, Iowa City, Burkley, S. .50, spent night with friends, street car .20, telephone, McChesney, .25; 11th, Iowa City to Cedar Rapids, 9th trip; Iowa City, Merchants, D. .40, S. .35, telegram, Holbrook, Onawa, .40; 12th, Cedar Rapids to Onawa, 5.23, sleeper Cedar Rapids to Onawa, 1.50; 13th, Onawa to Council Bluffs, 1.22; C. & N. W. dining car, B. .75, Onawa, dinner with friends, Council Bluffs, Grand, S. .40, L. 1.50, telephone, Schoentgen, .40; 14th, Council Bluffs to Ames, 3.43, Council Bluffs, Seaboard, B. .50, D. .50, C. & N.-W. dining car, S. .90, Ames, Ames Hotel, L. .50, street car, .25, seat in parlor car, but one coach on train, no seats, .75; 15th, Ames to Des Moines, .74, Ames, Ames Hotel, B. .50, D. .50, Des Moines, Chamberlain, S. .70, L. 1.50, street car .25; 16th, Des Moines to Grinnell, 1.10, Des Moines, Chamberlain, B. .50, Savery, D. .50, Chamberlain, S. .60, Grinnell, Monroe, L. 1.00; street car, .20; 17th, Grinnell to Iowa City, 1.31, Iowa City to Cedar Rapids, 10th trip; C. R. I. & P. dining car B. .70, Iowa City, Burkley, D. .50, S. .50; 18th, Cedar Rapids to Iowa City, 1st trip; Iowa City to Cedar Rapids, 2d trip; mileage book, C. R. and I. C. Ry., 5.00, Iowa City, Burkley, D. .50, Merchants, S. .40; 20th, Cedar Rapids to Iowa City, 3d trip; Iowa City, Burkley, D. .50, S. .50, L. 1.25, telephone, Geo. T. Baker .40, night letter, Funk .60; 21st, Iowa City to Grinnell 1.31, Iowa City, Merchants, B. .40, D. .40, Brooklyn, Depot</p>	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>eating house, S. .50, Grinnell, Monroe, L. 1.00; 22d, Grinnell to Des Moines, 1.10, Des Moines to Ames, .72, C. R. I. & P. dining car, B. .65, Des Moines, Savery, D. .50, Ames, Ames Hotel, S. .50, L. .50, street car, .30; 23d, Ames to Cedar Rapids, 2.14, Ames, Ames Hotel, B. .50, S. .50, street car, .20; 24th, Cedar Rapids to Iowa City, 4th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.00, telephone, McChesney .25; 25th, Iowa City to Cedar Rapids, 5th trip; Iowa City, Burkley, B. .40, Merchants, D. .40, S. .35; 26th, Cedar Rapids to Iowa City, 6th trip; Iowa City to Des Moines, 2.41, Iowa City, Merchants, D. .50, C. R. I. & P. dining car, S. .95; Des Moines Chamberlain, L. 1.50, carriage, Iowa City, raining, .25, parlor car .55, night letter, W. B. Guthrie, New York, .60; 27th, Des Moines, Chamberlain, B. .45, S. .60, L. 1.50, Savery, D. .50, street car .20; 28th, Des Moines, Chamberlain, B. .45, S. .75, L. 1.50, Bakery Cafe D. .25, street car, .20, telegram, W. B. Guthrie, .65; 29th, Des Moines to Iowa City, 2.41, Iowa City to Cedar Rapids, 7th trip; C. R. I. & P. dining car, B. .65, Iowa City, Merchants, D. .40, S. .35; 30th, telephone, Eaton, Vinton, .25; 31st, Cedar Rapids to Iowa City, 8th trip, Iowa City to Cedar Rapids, 9th trip; Iowa City, Merchants, D. .40, Burkley, S. .50</p>	\$ 101.30
	<p>June 1st, Cedar Rapids to Iowa City, 10th trip; mileage book C. R. & I. C. Ry., 5.00; Iowa City to Cedar Rapids, 1st trip; Iowa City, Merchants, D. .35, S. .30, telephone, Fisk, Iowa City, .25; 3rd, Cedar Rapids to Iowa City, 2nd trip; Iowa City to Cedar Rapids, 3rd trip; Iowa City, Merchants, D. .35, S. .35; telephone, Lambert, Sabula, .40; telephone, McChesney, .25; 4th, Cedar Rapids to Vinton, .47; Vinton to Cedar Rapids, .47; Cedar Rapids to Iowa City, 4th trip; Iowa City, Burkley, S. .50; S. U. I. Hospital, L. 1.00; 5th, Iowa City, Burkley, B. .40, D. .50, S. .50; S. U. I. Hospital, L. 1.00; telephone, Prof. Merchant, Cedar Falls, .40; 6th, Iowa City to Des Moines 2.41; C. R. I. & P. dining car, B. .65; Des Moines, Chamberlain, D. .50, S. .55, L. 1.50; street car .20; 7th, Des Moines to Ames, .72; Ames to Des Moines, .72; Des Moines, Chamberlain, .40; Ames, Ames Hotel, D. .50; Des Moines, Chamberlain, S. .70, L. 1.50; street car, .20; 8th, Des Moines to Iowa City, 2.41; Iowa City to Cedar Rapids, 5th trip; C. R. I. & P. dining car, B. .75; Iowa City, Merchants, D. .40, S. .35; bus, .25; 10th, Cedar Rapids to Cedar Falls, 1.17; Cedar Falls to Cedar Rapids, 1.17; Cedar Rapids to Iowa City, 6th trip; Cedar Falls, Oxford Cafe, D. .50; Burkley, S. .40; S. U. I. Hospital, L. 1.00; street car, .20; 11th, Iowa City, Merchants, B. .35; Burkley, D. .50; S. U. I. Hospital, L. 1.00; 12th, Iowa City to Cedar Rapids, 7th trip; Iowa City, Burkley, B. .35, D. .50, S. .50; 13th, Cedar Rapids to Iowa City, 8th trip; Iowa City, Merchants, D. .40; Burkley, S. .50; S. U. I. Hospital, L. 1.00; telephone, McBride, .25; telephone, Eaton, .25; 14th, Iowa City, Merchants, B. .30, D. .35; Burkley, S. .50; S. U. I. Hospital, L. 1.00; 15th, Cedar Rapids to Iowa City, 9th trip; Iowa City to Cedar Rapids, 10th trip; Iowa City, Merchants, B. .25, D. .35, S. .40; telephone, Dr. Guthrie, .45; 17th Cedar Rapids to Ames 2.14; Ames, Depot Cafe, D. .50; Ames, Ames Hotel, S. .50, L. .50; street car .30; 18th, Ames to Des Moines .74; Ames Ames Hotel, B. .50; Des Moines, Chamberlain, D. .65, S. .50; 19th, Des Moines to Burlington, 4.26; Burlington to Cedar Rapids, 1.82; Des Moines, Depot Cafe, B. .40; C. R. I. & P. dining car, D. .80; Burlington, Hotel Burlington, S. .70; telegram, Guthrie .25 (time from June 19 to June 28, spent on trip east); 28th, Cedar Rapids to Iowa City, 1st trip; mileage book, C. R. & I. C. Ry., 5.00; Iowa City to Cedar Rapids, 2nd trip; Iowa City, Burkley, D. .50, S. .50; 29th, Cedar Rapids to Iowa City, 3rd trip; Iowa City to Cedar Rapids, 4th trip; Iowa City, Burkley, D. .30, S. .50; 30th, telephone, McChesney, .25</p>	62.95
1900	<p>THOS. LAMBERT—</p> <p>September 1st, Iowa City to Cedar Rapids, Interurban, trip No. 4; Iowa City, Burkley Hotel, B. .50, D. .50; Cedar Rapids, Montrose, S. .50, room 1.50; 2d, Cedar Rapids to Cedar Falls, R. I. 1.17; Cedar Rapids, Montrose, B. .50; Cedar Falls, Burr, D. .50; Dubuque, cafe, S. .50; bus Cedar Falls (raining) .15; street car Ames .10; bus Dubuque (raining) .25; Cedar Falls to Sabula, via Dubuque, 2.86; 21st, Cedar Rapids to Iowa City, 5th trip; Iowa City to Cedar Rapids, 6th trip; Cedar Rapids, Montrose, B. .45, Iowa City, Burkley, D. .50, S. .50; Cedar Rapids Montrose, room, 1.50; 20th, Sabula to Cedar Rapids, 1.86; Cedar Rapids, cafe, S. .35; Montrose, room, 1.50; 22d, Cedar Rapids to</p>	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>Cedar Falls, R. I., 1.17; Cedar Falls to Des Moines, G. W., 2.15; Cedar Rapids, Montrose, B. .50; Cedar Falls, Burr, D. .50, S. on G. W. dining car, .85; room at Savery, Des Moines, 1.50; street car, Cedar Falls, .20; 23rd, Des Moines, Savery, B. .50; Chamberlain, D. .60, S. .85; room at Savery, 1.50; street car, Des Moines, .20; express, educational documents, Sabula to Des Moines .65; 24th, Des Moines to Iowa City, R. I., 2.42; Iowa City to Cedar Rapids, 7th trip; Cedar Rapids to Marion, .12; Des Moines, Hartford Cafe, B. .35; Chamberlain, D. .50; Iowa City, Burkley, S. .50; Marion, Daniels, lodging, .50; Des Moines, street car, .15; 25th, Marion to Sabula, 1.74; L. Marion, .30; 26th, Sabula to Marion, 1.74; Daniels, room, .50; 27th, Marion to Cedar Rapids, .12; Cedar Rapids to Iowa City, 8th trip, Iowa City to Cedar Rapids, 9th trip; Cedar Rapids, to Ames, N. W., 2.14; Cedar Rapids, restaurant, B. .35, S. .50; Ames, Alumni Hall, room, .75; 28th, Ames, Alumni Hall, B. .25, S. .30, room, .75; 29th, Ames, Alumni Hall, B. .25, D. .30, S. .35, room, .75; street car, .20; 30th, Ames to Cedar Rapids, N. W., 2.14; Cedar Rapids to Iowa City, 10th trip; Ames, Alumni Cafe, B. .25; Arlington, D. .50; Iowa City, Burkley, S. .50, room, 1.00; Ames, street car, .10; telegram, from Colo to Mr. Boyd at Cedar Rapids, .25</p>	47.53
October 1st,	<p>ticket on Cedar Rapids-Iowa City Interurban (face value 6.50), 5.00; Iowa City to Cedar Rapids, 1st trip, Cedar Rapids to Marion, .12; hotel, Iowa City, Burkley, B. .50, D. .50; Cedar Rapids, Montrose, S. .75; Marion, Daniels, room, .50; 2d, Marion to Sabula 1.74; lunch at Marion .35; 3rd, Davenport to Iowa City, 1.08; telegram, Sabula-Cedar Rapids, to Mr. Boyd, .25; room, Burkley, Iowa City 1.00; 4th, Iowa City to Des Moines 2.42; Iowa City, B. .50, D. .50, S. .50; Des Moines, Savery, room 1.50; 5th, Des Moines-Ames 34 miles, Ames-Des Moines, 34 miles, Interurban; board, Des Moines, Savery, B. .50; Ames, Alumni Cafe, D. .30, S. .35; room, Savery, Des Moines, 1.50; street car fare, Des Moines, .15; 6th, board, Des Moines, Savery, B. .45; Chamberlain, D. .60; Hartford, S. .50; room, Savery, 1.50; street car fare, .20; 7th, Des Moines to Ames, N. W., .74; Ames to Des Moines, .74, B. Des Moines, Savery, .60; Ames Alumni Cafe, D. .40; Des Moines, Hartford, S. .55; room, Savery, 1.50; 8th, Des Moines, B., Hartford, .45; D. at Savery, .75; S. .60, room, 1.50; street car, .20; record book for Com., 1.25; 9th, Des Moines to Iowa City (paid on train) 2.52; Iowa City to Cedar Rapids, 2d trip; Cedar Rapids to Sabula, 1.86; Savery, Des Moines, .55, D., Iowa City, Burkley, .50; bus at Iowa City (raining) .25; 11th, Sabula to Cedar Rapids, 1.86; room, Montrose, Cedar Rapids, 1.50; 12th, Cedar Rapids to Cedar Falls, 1.17; street car, Cedar Falls, .10; Cedar Rapids, B., Montrose, .45; Cedar Falls, Burr Hotel, D. .50, S. .50, room, .50; 13th, Cedar Falls to Des Moines, 2.15; street car, Cedar Falls, .15; Burr Hotel, Cedar Falls, B. .50, D. .50; S., dining car C. & G. W. .90; room Savery, Des Moines 1.50; 14th, Des Moines-Campus, 34 miles; Des Moines, Hartford Cafe, B. .35, D. .40; Ames, Alumni Hall, S. .30, room, .75; street car, Des Moines, .20; 15th, Ames to Cedar Rapids, 2.14; Cedar Rapids to Marion .12; Ames, Alumni Cafe, B. .25, D. .30; S., Montrose, Cedar Rapids, .80; Marion, room at Daniels, .50; 16th, Marion to Sabula, 1.74; lunch, .20; 18th, Sabula to Tama, 2.82; S. on dining car, .60; room at Clifton, Tama, .50; 19th, Tama to Ames, 1.12, B. at Clifton, Tama, .50; Ames, Alumni Hall, D. .30, S. .30, room, .75; street car fare, Ames, .05; 20th, Ames, street car fare, .10; Alumni Hall, B. .25, D. .25, room, .75; S., Arlington Hotel, .50; 21st, Campus to Des Moines, 34 miles; Des Moines to Iowa City, 2.41; Alumni Cafe, Ames, B. .25, D. .25; S., Hartford Cafe, Des Moines .45; L., Burkley, Iowa City, .50; street car, Des Moines, .10; 22d, Iowa City to Cedar Rapids, 3rd trip; B., Iowa City, Burkley, .50; D., Cedar Rapids, Montrose, .50, room, Montrose, 1.00; 23rd, Cedar Rapids to Sabula (en route to Chicago) 1.86; B. .35, D. .30, Cedar Rapids; Burr Hotel, Cedar Falls, S. .50, room, .50; 28th, Cedar Falls to Ames, via Marshalltown 1.74; Cedar Falls, Burr Hotel, B. .50, D. .50; S. on C. G. W. dining car .85; lodging at Ames Hotel, Ames .50; street car fare Cedar Falls .20; Ames .10; 29th, Campus to Des Moines, 34 miles, Des Moines to Campus, 34 miles; Ames, B., Ames Hotel .50; D. Chamberlain, Des Moines .70; Ames, Arlington Hotel, S. .50, lodging .50; street car fare .20; 30th, Ames to Marshalltown .75; Marshalltown to Ackley, to inspect University lands .86; B. Arlington, Ames .50; D. Alumni Cafe .25; S. Depot lunch room Marshalltown .55; Ackley, L. Hotel Ackley .50; street car fare Ames .10; 31st, Ackley, Hotel Ackley, B., .50, S. .50, lodging, .50.</p>	92.70

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
November 1st,	Ackley to Marshalltown .86; Marshalltown to Cedar Rapids, 1.39; board, Ackley, Hotel Ackley, B. .50; D., Depot Hotel, Marshalltown, .50; S., Montrose, Cedar Rapids, .65; room, Montrose, Cedar Rapids, 1.00; 2d, Cedar Rapids to Iowa City, 4th trip; B., Montrose, Cedar Rapids, .50; Iowa City, Burkley, D. .50, S. .50, room, 1.00; 3rd, Iowa City, Burkley, B. .50, D. .50, S. .50, room, 1.00; 4th, Iowa City to Coralville, and return, to inspect dam, .10; Iowa City, Burkley, B. .50, D. .50, S. .50, room, 1.00; 5th, Iowa City to Cedar Rapids, 5th trip; Iowa City, Burkley, B. .50; D., Montrose, Cedar Rapids, .55, S. same, .60; 6th, Cedar Rapids to Sabula 1.86; 8th, Sabula to Cedar Rapids 1.86; Cedar Rapids to Iowa City, 6th trip; Cedar Rapids, Montrose, D. .65; Iowa City, Burkley, room, 1.00; 9th, Iowa City to Cedar Rapids, 7th trip; Cedar Rapids to Cedar Falls, 1.17; Iowa City, Burkley, B. .50, D. .50; Cedar Falls, Burr Hotel, S. .50, room, .50; street car fare, Cedar Falls, .10; 10th, Cedar Falls to Marshalltown, .99; Marshalltown to Ames, .75; Burr Hotel, Cedar Falls, B. .50; S. on dining car .65; Ames, Arlington, room .50; street car fare, Cedar Falls, .15; Ames, Arlington, B. .50, S. .50, room, .50; D., Alumni Cafe, .25; street car, Ames, .20; 12th, Ames to Cedar Rapids, 2.14; Cedar Rapids to Iowa City, 8th trip; Ames, Arlington, B. .50, D. .50; Cedar Rapids, Montrose, S. .60; Iowa City, Burkley, room, 1.00; street car fare, Ames, .20; 13th, Iowa City, Burkley, B. .50, D. .50, room, 1.00; 14th, Iowa City to Cedar Rapids, 9th trip; Cedar Rapids to Sabula, 1.86; Iowa City, B. .40; 16th, Sabula to Tama, 2.81; S. on dining car, .65; room, Clifton, Tama, .50; 17th, Tama to Ames, 1.12; Ames to Des Moines .74; Tama, B. Clifton, .50, D., Alumni Hall, Ames, .25; Des Moines, Savery, S. .55, room, 1.50; street car fare Ames .15; Des Moines .05; 18th, Des Moines to Iowa City, 2.41; B., Hartford, Des Moines, .50; D. on dining car, .75; Iowa City, Burkley, S. .50, room, 1.00; street car fare, Des Moines, .10; 19th, Iowa City to Cedar Rapids, 19th ride; Iowa City, Burkley, B. .50, D. .50, Cedar Rapids, cafe, S. .50; 20th, Cedar Rapids to Sabula, 1.86; B., cafe, Cedar Rapids, .35; 22d, Sabula to Des Moines, 4.68; sleeper, Sabula to Des Moines, 1.50; 23d, Des Moines to Campus, 34 miles; Des Moines, Hartford, B. .35; Chamberlain, D. .60; Ames, Alumni Hall, S. .25, room, .75; street car fare, Ames, .10; 24th, Des Moines to Ames, C. & N. W., .74; Ames, Alumni Cafe, B. .25, D. .25; Des Moines, Hartford Cafe, .65, L. .50; street car fare, Ames, .10; Des Moines, .10; 25th, Des Moines, Gray's, B. .20, D. .20, S. .20, room, .50; 26th, Des Moines to Ames, 36 miles; Ames, B. Ry. Cafe, .35; Arlington, D. .50, room, Alumni Hall .75; street car fare Ames .10; 27th, Ames to Des Moines, C. & N. W., .74; Des Moines to Iowa City, 2.41; Iowa City to Cedar Rapids .65; B., Alumni Hall, Ames, .25; D. on dining car, .65, S., Iowa City .35; Cedar Rapids, Montrose, room 1.00; street car fare, Des Moines, .10; 28th, Cedar Rapids to Sabula, 1.86; B., Montrose, Cedar Rapids, .50; 29th, Sabula to Davenport, 1.03; Davenport to Iowa City 1.08; Iowa City, Burkley, S. .35; room 1.00; 30th, Iowa City, Burkley, B. .50, D. .50, S. .50, room, 1.00-----	83.41
December 1st,	Iowa City to Des Moines 2.41; Burkley, Iowa City, B. .50, D. .50; Hartford, Des Moines, S. .45; Gray, Des Moines, L. .50; Iowa City, bus, .25 (raining); Des Moines, bus (night and raining), .25; 2d, Des Moines, B., Savery, .45; Hartford, D. .35; Gray, S. .20, L. .50; 3rd, Des Moines to Lohrville, looking up University lands, 1.74; Lohrville to Des Moines, 1.74; Des Moines, Hartford, B. .35; Patti's Cafe, S. .35; Gray, L. .50; Lohrville, The Willson, D. .50; Des Moines, street car fare, .10; livery at Lohrville to see land, 1.50; 4th, Des Moines, Gray, B. .20, L. .50; Hartford, D. .25, S. .40; street car, .10; 5th, Des Moines, Hartford, B. .35, D. .40; Gray, S. .20, L. .50; street car, .10; 6th, Des Moines to Campus, 34 miles; Des Moines, Hartford, B. .35; Ames, Alumni Hall, D. .25, L. .75; Arlington, S. .50; street car fare Des Moines, .15; street car fare, Ames, .10; 7th, Ames to Des Moines, C. & N. W., .74; Ames, Alumni Hall, B. .25, D. .25; N. W. Lunch Room, S. .50, Des Moines, Gray, L. .50, street car fare Ames .15; street car fare, Des Moines, .05; 8th, Des Moines, Hartford, B. .35, S. .35; Stephenson, D. .25; Gray, L. .50; street car fare, Des Moines, .20; 9th, Des Moines to Ames, 36 miles; Ames to Cedar Rapids, 2.14; Des Moines, Hartford, B. .35, D. .50; Ames, Depot Lunch Counter, S. .50; Cedar Rapids, Board Meeting; Montrose, L. 2.00; 10th, Cedar Rapids, Montrose, B. .45, D. .40, S. .75, L. 2.00; 11th, Cedar Rapids to Sabula, 1.86; Cedar Rapids, cafe, B. .40; 13th, Sabula to Davenport, 1.03; Davenport to Iowa City, 1.08; Rock Island dining car,	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>D. .70; Iowa City, Burkley, S. .50, L. 1.00; bus at Davenport to make train connection .25; 14th, Iowa City to Des Moines 2.41; Iowa City, Burkley, B. .50; cafe, D. .40; Des Moines, Hartford, S. .40; Gray, L. .50; street car, .10; 15th, Des Moines to Ames, 36 miles; Ames, cafe, B. .35; Alumni Hall, D. .25, L. .75; 16th, Ames, Alumni Hall, B. .25, D. .25; Arlington, S. .50, L. .50; Ames, street car, .10; 17th, Ames to Des Moines, C. & N. W., .74; Ames, Arlington, B. .50; Alumni Cafe, D. .25; Depot Lunch Counter, S. .65; Des Moines, Gray, L. .50; Ames, street car fare, .15; 18th, Des Moines, Hartford, B. .35, S. .35; Carter, D. .25; Gray, L. .50; 19th, Des Moines, Hartford, B. .50; Gray, D. .20, S. .20, L. .50; 20th, Des Moines to Iowa City, 2.41; Iowa City, cafe, B. .35; Burkley, D. .50, S. .50, L. 1.00; 21st Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 22nd, mileage book, C. R. & I. C. Ry., (Interurban) 5.00 (transportation value, 6.50); Iowa City, Burkley, B. .50, D. .50; Cedar Rapids, S. .75, L. 1.50, Montrose; Iowa City to Cedar Rapids, 1st trip; 23rd, Cedar Rapids to Sabula, 1.86; Cedar Rapids, Montrose, B. .50, D. .50.</p>	69.51
1910	<p>January 2nd, Sabula to Tama 2.81; C. M. & St. P. dining car, S. .65; Tama, The Clifton, L. .50; 3rd, Tama to Ames 1.12; Tama, The Clifton, B. .50; Ames, Arlington, D. .50; Alumni Hall, S. .25, L. .75; street car fare, Ames, .15; 4th, Ames, Arlington, B. .50, S. .50; Alumni Hall, D. .25, L. .75; street car fare, .20; 5th, Ames, Arlington, B. .50; Alumni Hall, D. .25, L. .75; street car fare, .10; 6th, Ames to Des Moines, C. & N. W., .74; Ames, cafe, B. .40; Ry. Lunch Room, D. .65; Des Moines, Savery, S. .60; Gray, L. .50; street car fare, Ames, .15; 7th, Des Moines to Colfax, Interurban, .42; Colfax to Iowa City, 1.95; Des Moines, Hartford, B. .35; Colfax, Mason, D. .50, Iowa City, Burkley, S. .50, L. 1.00, street car fare, Des Moines .10; 8th, Iowa City to Cedar Rapids, 2d trip, Cedar Rapids to Sabula, 1.86, Iowa City, Burkley, B. .50, D. .50, dining car S. .70; 9th, Sabula to Des Moines, 4.68, sleeping car Sabula to Des Moines, 1.50; 10th, Des Moines to Ames, interurban, 36 miles, Des Moines, cafe, B. .35, Ames Ry. Cafe, D. .35; Arlington, S. .50; Alumni Hall, L. .75; street car, Des Moines, .10; street car, Ames, .15; 11th, Ames, to Des Moines, .30 and 22 miles; Ames, Alumni Hall, B. .25; Ry. Lunch Counter, D. .50; Des Moines, Hartford, S. .40; Gray, L. .50; street car fare, Ames, .10; street car fare, Des Moines, .15; 12th, Des Moines to Ames, 70; Des Moines Cafe, B. .35; Ames Alumni Cafe, D. .25; Arlington, S. .50, L. .50; street car fare, Ames, .10; 13th, Ames to Des Moines, C. & N. W., .74; Ames, Arlington, B. .50, D. .50; Ry. Cafe, S. .35; Des Moines, Gray, L. .50; street car fare, Ames, .15; 14th, Des Moines to Iowa City, 2.41; Des Moines, Evans, B. .45; Rock Island dining car, D. .90; Iowa City Burkley .50, L. 1.50; street car fare Des Moines .10; 15th, Iowa City to Cedar Rapids, 3rd trip; Cedar Rapids to Sabula 1.86; Iowa City, Burkley, B. .50, D. .50; 16th, Sabula to Marion, 1.74; Marion, Biggs House, L. .50; 17th, Marion to Cedar Rapids, .12; Cedar Rapids to Iowa City, 4th trip; Iowa City, Burkley, D. .50, S. .50, L. 1.00; Cedar Rapids, Montrose, B. .35; 18th, Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Ames, 2.14; Iowa City, Burkley, B. .50, D. .50; Northwestern dining car, S. .85; Ames, Arlington, L. .50; 19th, Ames, Arlington, B. .50, S. .50, L. .50; street car fare, Ames, .30; 20th, Ames to Des Moines, C. & N. W., .74; Ames, Arlington, B. .50, D. .50; Des Moines, Royal, S. .65; Gray, L. .50; street car fare, Ames, .10; street car fare, Des Moines, .10; 21st, Des Moines, Evans, B. .40; Chamberlain, D. .85; Savery, L. 1.00; street car fare, Des Moines .30; 22d, Des Moines to Iowa City, 6th trip, 2.41; Iowa City to Cedar Rapids, 6th trip; Cedar Rapids to Sabula, 1.86, Des Moines, Depot Cafe, B. .35; Iowa City, Burkley, D. .50; Cedar Rapids, cafe, S. .35; 24th, Sabula to Cedar Rapids, 1.86; Cedar Rapids, Montrose, S. .50; L. 1.00; 25th, Cedar Rapids to Ames, 2.14 Ames to Des Moines, .70; Cedar Rapids, Montrose, B. .35; Ames, Arlington, D. .50; Ry. Lunch Counter, S. .35; Des Moines, Gray, L. .50; 26th, Des Moines to Ames .70; Ames to Cedar Rapids, 2.14 (committee meeting); Cedar Rapids, Montrose, S. .65, L. 1.50; Ames, Depot Lunch Counter, B. .35; Northwestern dining car, D. .75; 27th, Cedar Rapids to Ames, 2.41; Cedar Rapids, Montrose, B. .45, D. .60; Ames, Arlington, S. .50, L. .50; street car fare, Ames, .15; 28th, Ames, Arlington, B. .50, D. .50, S. .50, L. .50; street car, .30; 29th, 50 mile book on Des Moines, Ft. Dodge & Southern Ry., 7.50; Ames to Des Moines, 36 miles; Ames, Arlington, B. .50, D. .50, Des Moines, Hartford, S. .50; Gray, L. .50; street car fare Ames .10; street car fare Des Moines .10; 30th,</p>	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Des Moines, Gray, B. .20; D. .20, S. .20, L. .50; 31st, Des Moines, Evans, B. .35, S. .50, cafe, D. .35; Gray, L. .50	101.95
February 1st,	Des Moines, Evans, B. .35, D. .50; Gray, S. .20, L. .50; street car fare .20; 2nd, Des Moines, Evans, B. .35, D. .45; Gray, S. .20, L. .50; street car .20; 3rd, Des Moines to Ames, 36 miles; Des Moines, Hartford, B. .35; Ames, Arlington, D. .50, S. .50, L. .50; street car fare, Des Moines, .10 street car fare, Ames, .15; 4th, Ames, Arlington, B. .50, S. .50, L. .50; street car fare, Ames, .20; 5th, Ames to Clinton, 3.76 (en route to Chicago on University business), Ames, Arlington, B. .50, D. .50; Depot Lunch Counter, S. .65; street car fare, Ames .20; 9th, Sabula to Cedar Falls, via Dubuque, 2.88 (return trip from Chicago); Dubuque Cafe, S. .50; Cedar Falls, Burr, L. .50; 10th, Cedar Falls to Cedar Rapids, 1.17; Cedar Falls, Burr, B. .50, D. .50; Cedar Rapids, Montrose, S. .75, L. 1.50; Cedar Falls, bus, .25 (2 A. M.); street car fare .20; bus for baggage .15; 11th, Cedar Rapids to Iowa City, 7th trip; Cedar Rapids, Montrose, B. .45; Iowa City, Burkley, D. .45; S. .50, L. 1.00; 12th, Iowa City to Des Moines, 2.41; Iowa City, Burkley, B. .50; Cafe, D. .35; Des Moines, Molden, S. .25; Gray, L. .50; street car fare, Des Moines, .10; 13th, Des Moines, Gray, B. .20, L. .50; Willett, D. .50; Gray, S. .20; street car fare, Des Moines, .10; 14th, Des Moines; Evans, B. .35, D. .50; Boekenhoff, S. .40; Gray, L. .50; street car .20; 15th, Des Moines to Ames, 36 miles; Des Moines, Gray, B. .20; Ames, Arlington, D. .50, S. .50, L. .50; street car fare, Ames, .20; 16th, Ames, Arlington, B. .50, D. .50, S. .50, L. .50; street car fare, .20; 17th, Ames, to Des Moines, 36 miles; Ames, Arlington, B. .50, D. .50; Des Moines, Molden, S. .25; Gray, L. .50; street car fare, Ames, .15; street car fare, Des Moines, .10; 18th, Des Moines, Kirkwood, B. .45, D. .50; Mrs. Molden, S. .25; Gray, L. .50; street car fare, Des Moines, .20; 19th, Des Moines, Kirkwood, B. .40; Carr's, D. .25; Mrs. Molden, S. .25; Gray, L. .50; street car fare .20; 20th, Des Moines to Iowa City 2.41; Des Moines, Gray, B. .20; Rock Island dining car, D. .85; Iowa City, Burkley, S. .50, L. 1.00; street car fare, Des Moines, .10; bus, Iowa City (storming) .25; 21st, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 22nd, Iowa City, Burkley, B. .50, D. .50, S. .50; 23rd, Iowa City to Des Moines, 2.41; Iowa City, Burkley, D. .50; Des Moines, Boekenhoff, S. .50; Gray, L. .50; Iowa City, bus, .25; Des Moines, street car fare, .10; 24th, Des Moines to Ames, 36 miles; Des Moines, Boekenhoff, B. .35; Ames, Arlington, D. .50, S. .50, L. .50; street car fare, Des Moines, .15; street car fare, Ames, .10; 25th, Ames to Cedar Rapids, 2.14; Ames, Arlington, B. .50, D. .50; Ry. Lunch Counter, S. .55, Cedar Rapids, Montrose, L. 1.50; street car fare, Ames, .20; 26th, Cedar Rapids to Sabula, 1.86; Cedar Rapids, Montrose, B. .50, D. .65; Milwaukee dining car, S. .60	65.89
March 1st,	Sabula to Cedar Rapids, 1.86; Cedar Rapids, Montrose, S. .50, L. 2.00; 2d, Cedar Rapids, Montrose, B. .50, D. .60, L. 2.00; 3rd, Cedar Rapids to Iowa City, 8th trip, Iowa City to Des Moines, 2.41; Cedar Rapids, Montrose, B. .45; Rock Island dining car D. .75; Des Moines, Savery, S. .50; Gray, L. .50; 4th, Des Moines to Ames, 36 miles Des Moines, Evans, B. .45; Ames Cafe, D. .40, S. .45; Alumni Hall, L. .75; street car fare, Ames, .10; 5th, Ames to Des Moines, 36 miles, Ames, Alumni Hall, B. .25, Arlington, D. .50, Ry. Cafe, S. .50; Des Moines, Gray, L. .50; street car fare, Ames, .10; street car fare, Des Moines, .10; 6th, Des Moines, Gray, B. .20, D. .20, S. .20, L. .50; street car fare .10; 7th, Des Moines to Ames, C. & N. W., .74; Ames to Des Moines, 36 miles; Des Moines, Gray, B. .20, L. .50; Ames, Arlington, D. .50; Des Moines, Evans, S. .45; street car fare, Des Moines, .20; 8th, Des Moines to Iowa City, 2.41; Des Moines, Kirkwood, B. .45; Rock Island dining car, D. 1.00; Iowa City, Burkley, S. .50, L. 1.00; street car fare, Des Moines, .10; bus, Iowa City, .25; 9th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 10th, Iowa City to Cedar Falls, 9th trip; Cedar Rapids to Cedar Falls, 1.17; Cedar Falls to Cedar Rapids, 1.17; Cedar Rapids to Iowa City, 10th trip; Cedar Rapids Ry. Cafe, B. .55; Cedar Falls, Burr, D. .50; Cedar Rapids, Montrose, S. .50; Iowa City, Burkley, L. .50; street car, Cedar Falls, .20; 11th, Iowa City to Des Moines, 2.41; Iowa City, B. .50; Rock Island dining car, D. .85; Des Moines, Hartford, S. .45, Gray, L. .50; 12th, Des Moines, Gray, B. .20; Kirkwood, D. .45, S. .50; Gray L. .50; Des Moines, street car fare, .20; 13th, Des Moines, Gray, B. .20, D. .20, S. .20, L. .50; street car fare, .20; 14th, Des Moines to	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>Campus, 34 miles; Des Moines, Evans, B. .40; Ames, Arlington, D. .50, S. .50, L. .50, street car fare Des Moines .10; street car fare Ames .10; 15th, Campus to Des Moines, 34 miles, Ames, Arlington, B. .50; Hartford, S. .40; Gray, L. .50; street car fare, Des Moines, .10; 16th, Des Moines, Gray, B. .20; Kirkwood, D. .75; Mrs. Molden, S. .25; Gray, L. .50; street car fare, .20; 17th, Des Moines to Iowa City, 2.41; Des Moines, Gray, B. .20; Rock Island dining car, D. .85; Iowa City, Burkley, S. .50, L. 1.00; Des Moines, street car, .10; 18th, Iowa City to Cedar Rapids, 1st trip; Iowa City, Burkley, B. .50, D. .50; Cedar Rapids, Montrose, S. .75, L. 1.50; ten-trip mileage book between Cedar Rapids and Iowa City, .5.00; 19th, Cedar Rapids to Sabula, 1.86; Cedar Rapids, Montrose, B. .65, D. .60, S. .65; 22d, Sabula to Savanna (to make train connections) .15; Savanna to Cedar Rapids 1.91; Cedar Rapids, Montrose, S. .50, L. 1.00; 23rd, Cedar Rapids to Ames, 2.14; Cedar Rapids, Montrose, B. .50; Ames, Arlington, D. .50, S. .50, L. .50; street car fare, Ames, .15; 24th, Ames, Arlington, B. .50, D. .50, S. .50, L. .50; street car, .20; 25th, Ames to Des Moines, 36 miles; Ames, Arlington, B. .50, D. .50; Des Moines, Mrs. Molden, S. .25; Gray, L. .50; street car fare, Ames, .10; 26th, Des Moines, Gray, B. .20, L. .50; Savery, D. .50; Mrs. Molden, S. .25; street car fare, Des Moines, .20; 27th, Des Moines, Gray, B. .20; D. .20, S. .20, L. .50; street car fare, .10; 28th, Des Moines to Iowa City 2.41; Des Moines, Evans, B. .35; Rock Island dining car, D. .85; Iowa City, Burkley, S. .50, L. 1.00; 29th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 30th, Iowa City to Des Moines, 2.41; Iowa City, Burkley, B. .50; Cafe, D. .45; Des Moines Cafe, S. .50; Gray, L. .50, street car Des Moines .10; 31st, Des Moines to Ames, 36 miles; Des Moines, Gray, B. .20; Evans, D. .45; Ames, Arlington, S. .50; Alumni Hall, L. .75, street car Des Moines .10; street car, Ames .10.</p>	92.61
April 1st,	<p>Ames, B. .25, D. .50, L. .75, Alumni Hall, D. .50, Arlington,; street car fare, .20; 2d, Ames to Des Moines, 36 miles; Ames, B. .35, street car, .10, Des Moines; D. .45, Evans; S. .25, Mrs. Molden; L. .50, Grays; street car fare, .10; 2nd, Ames to Des Moines, 36 miles; Ames, B. .35; street car, .10, Des Moines; D. .45, Evans; S. .25, Mrs. Molden; L. .50, Grays, street car fare, .10; 3rd, Des Moines, B. .20, D. .20, S. .20, L. .50, Gray; street car fare, .10; 4th, Des Moines to Ames, 36 miles, Des Moines, B. .35, Evans; street car fare, .10; Ames, D. .40, Ry. Cafe; S. .50, Arlington; street car .10; 5th, Ames to Des Moines, C. & N. W., .74; Ames, B. .50, D. .50, S. .50, Arlington; L. .50, Des Moines, Gray; street car fare, Ames, .20; Des Moines, street car fare, .10; 6th, Des Moines to Iowa City, 2.41; Des Moines, B. .45, Savery; street car fare, .10; D. .85, Rock Island dining car; Iowa City, Burkley, S. .50, L. 1.00; 7th, Iowa City to Cedar Rapids, 2d trip; Iowa City, B. .50, D. .50; Burkley, S. .45; cafe Cedar Rapids, L. 1.50, Montrose; 8th, Cedar Rapids to Sabula 1.96; Cedar Rapids, B. .45, D. .65, Montrose; Marion, S. .35, Ry. Cafe; 11th, Sabula to Cedar Falls via Dubuque 2.88, Dubuque, D. .50, S. .50, cafe Cedar Falls, L. .50, Burr; 12th, Cedar Falls, B. .50, D. .50 S. .50, L. .50, Burr; street car fare .20; 13th, Cedar Falls to Cedar Rapids, 1.17, Cedar Rapids to Iowa City, 3rd trip; Cedar Falls, B. .50, Burr; Iowa City, D. .50, S. .50, L. 1.00; 14th, Iowa City to Des Moines, 2.41; Iowa City, B. .50, Burkley; Des Moines, D. .50, S. .50, Evans; L. .50, Gray; street car fare, .15; 15th, Des Moines to Ames, C. & N. W., .74; Ames, B. .50, D. .50, S. .50, L. .50, Arlington; street car fare, .15; 16th, Ames to Des Moines, 34 and 19 miles; Ames, B. .50, Arlington, Des Moines; S. .85, Savery; L. .50, Gray; street car fare, Des Moines, .15; street car fare, Ames, .10; 17th, Des Moines to Cedar Rapids, 2.88 Des Moines, B. .20, D. .20, Gray; Ames, S. .50, Depot Cafe; Cedar Rapids, L. 1.50, Montrose; street car fare, Des Moines, .10; 18th, Cedar Rapids to Iowa City, 4th trip; Cedar Rapids, B. .55, Montrose, Iowa City, D. .50, S. .50, L. 1.00, Burkley; 19th, Iowa City, B. .50, D. .50, S. .50, L. 1.00; 20th, Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Iowa City, C. R. I. & P., .64; Iowa City, B. .50, D. .50, S. .50, L. 1.00; Burkley; 21st, Iowa City, B. .50, D. .50, S. .50, L. 1.00, Burkley; 22nd, Iowa City to Cedar Rapids, 6th trip; Iowa City, B. .50, Burkley, Cedar Rapids, D. .65, S. .60, Montrose; 23rd, Cedar Rapids to Sabula, 1.96; 24th, Sabula to Des Moines 4.68; sleeper Sabula to Des Moines 1.50; 25th, Des Moines to Ames .70; Des Moines, B. .45, Kirkwood, street car fare, .20; Ames, .D. 50, S. .50, L. .50; 26th, Ames, B. .50, D. .50, S. .50, L. .50, Arlington; street car fare, .20; 27th, Ames, B. .50, D. .50, Arlington; S. .25, L. .75, Alumni Hall; street car fare, .10;</p>	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	28th, Ames, B. .25, L. .75, Alumni Hall; D. .50, S. .50, Arlington; street car fare, .20; 29th, Ames, B. .50, D. .50, S. .50, Arlington; L. .75, Alumni Hall; street car fare, .15; 30th, Ames to Cedar Rapids, 2.14; Cedar Rapids to Marion, .12; Ames, B. .50, Arlington; D. 1.00, O. & N. W. dining car; Cedar Rapids, S. .65; Montrose; Marion, L. .50, Biggs; street car fare, Ames, .15.	84.72
May 1st,	Marion to Sabula 1.74; 2nd, Sabula to Iowa City via Davenport, 2.11; Davenport, Cafe, D. .50; Iowa City, Burkley, S. .50; L. 1.00; bus at Davenport (raining) .25; bus at Iowa City (raining) .25; 3rd, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 4th, Iowa City to Cedar Rapids, 7th trip; Cedar Rapids to Ames, 2.14; Iowa City, Burkley, B. .50; Cedar Rapids, Montrose, D. .75; O. & N. W. dining car, S. .75; Ames, Arlington, L. .50; street car, Ames, .10; 5th, Ames to Des Moines, .70; Ames, Arlington, B. .50, D. .50, S. .50; Des Moines, Gray, L. .50; street car fare, Ames, .10; street car fare, Des Moines, .10; 6th, Des Moines to Iowa City, 2.41; Rock Island dining car, B. .65; Iowa City, Burkley, D. .50, S. .50, L. 1.00; 7th, Iowa City to Cedar Rapids, 8th trip; Cedar Rapids to Sabula, 1.96; Iowa City, Burkley, B. .50; Cedar Rapids, Montrose, D. .60, S. .65; 9th, Sabula to Cedar Falls, via Dubuque, 2.88; Dubuque, cafe, D. .50; Cedar Falls, Burr, S. .50, L. .50; street car, Cedar Falls, .10; 10th, Cedar Falls to Waterloo (to arrange freight rates for school) .15; Waterloo to Marshalltown .94; Cedar Falls, Burr, B. .50, D. .50; C. & G. W. dining car, S. .85; Marshalltown, Pilgrim, L. 1.00; street car Cedar Falls, .10; 11th, Marshalltown to Ames, .75, Marshalltown, Pilgrim, B. .50, Ames, Arlington, D. .50, S. .50, L. .50; street car Ames, .20; 12th, Ames to Des Moines, .74; Ames, Arlington, B. .50, D. .50, S. .50; Des Moines, Savery, L. 1.50; street car fare Ames, .15, street car fare Des Moines, .10; 13th, Des Moines to Cedar Rapids 2.88; Cedar Rapids to Iowa City, 9th trip; Ames, railway lunch counter, B. .50, Cedar Rapids, Montrose, D. .60; Iowa City, Burkley, S. .50, L. 1.00; street car fare Ames, .05; 14th, Iowa City to Cedar Rapids, 10th trip (committee meeting); Cedar Rapids to Sabula 1.96; Iowa City, Burkley, B. .50, Cedar Rapids, Montrose, D. .60, S. .50; 15th, Sabula to Tama 2.82, Tama to Ames 1.12; O. & N. W. dining car, S. .75; Ames, Arlington, L. .50; bus at Ames (raining) .15; 16th, Ames, Arlington, B. .50, S. .50, L. .50; Alumni Cafe, D. .25, street car Ames, .20; 17th, Ames, Arlington, B. .50, D. .50, S. .50, L. .50; street car, .20; 18th, Ames to Cedar Rapids 2.14; mileage book Cedar Rapids and Iowa City (value 6.50) 5.00; Cedar Rapids to Iowa City, 1st trip; Ames, Arlington, B. .50; N. W. dining car; D. .75; Iowa City, Burkley, S. .50, L. 1.00; street car fare Ames, .10; 19th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 20th, Iowa City to Cedar Rapids, 2nd trip; Cedar Rapids to Ames 2.14; Iowa City, Burkley, B. .50, D. .50; N. W. dining car, S. .85; Ames, Arlington, L. .50; street car fare Ames, .10; 21st, Ames to Des Moines, .74, Ames, Arlington, B. .50; railway lunch counter, D. .50; Des Moines, Gray, S. .20, L. .50; street car Des Moines, .10; 22d, Des Moines, Gray, B. .20, S. .20, L. .50; Savery, D. .75; 23d, Des Moines to Cedar Rapids 2.88; Cedar Rapids to Iowa City, 3d trip; Ames, Ry. lunch counter B. .50, Cedar Rapids, Montrose, D. .50; Iowa City, Burkley, S. .50, L. 1.00; 24th, Iowa City to Cedar Rapids, 4th trip; Cedar Rapids to Cedar Falls 1.17; Iowa City, Burkley, B. .50; Cedar Rapids, Montrose, D. .75; Cedar Falls, Burr, S. .50, L. .50; street car fare Cedar Falls, .10; 25th, Cedar Falls, Burr, B. .50; S. .50, L. .50; street car Cedar Falls, .20; 26th, Cedar Falls, B. .50, D. .50, S. .50, L. .50 (Burr,) street car, .20; 27th, Cedar Falls to Cedar Rapids 1.17; Cedar Rapids to Iowa City, 5th trip; Cedar Falls, Burr, B. .50; Cedar Rapids, Montrose, D. .75; Iowa City, Burkley, S. .50, L. 1.00; Cedar Falls, street car, .10; 28th, Iowa City to Cedar Rapids, 6th trip; Cedar Rapids to Sabula 1.96; Iowa City Burkley, B. .50, D. .50; Cedar Rapids, Montrose S. .60; 31st, Sabula to Cedar Rapids 1.96; Cedar Rapids to Iowa City, 7th trip; Cedar Rapids, Montrose, D. .65, Iowa City, cafe, S. .40, Burkley, L. 1.00.	\$ 104.96
June 1st,	Iowa City, Burkley, B. .50, S. .50, L. 1.00; Cafe, D. .50; 2nd, Iowa City, Burkley, B. .50, S. .50, L. 1.00; Cafe, D. .50; 3rd, Iowa City to Cedar Rapids, 8th trip (committee meeting); Cedar Rapids to Marion, .12, Iowa City, Burkley, B. .50; Cedar Rapids, Montrose, S. .75; Marion, Biggs, L. .50; express package from Cedar Rapids to Mr. Emery at Des Moines, .25; 4th, Marion to Sabula 1.74, Marion, lunch counter, B. .35; telephone Sabula to Cedar Rapids to Mr. Boyd, .50; 16th, Sabula to Cedar Falls 2.88; (detained at home	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	by sickness and death in family); Cedar Falls, Cafe, S. .40; Burr, L. .50; street car fare Cedar Falls .10; 17th, Cedar Falls to Cedar Rapids 1.17; Cedar Rapids to Iowa City, 9th trip; Cedar Falls, Burr, B. .50, Iowa City Cafe, D. .40; Burkley, S. .50, L. 1.00; 18th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 19th, Iowa City to Davenport 1.08; Iowa City, Cafe, B. .40; Davenport, New Kimball, D. .85, S. .75, L. 1.50; 20th, Davenport, New Kimball, B. .65, D. .75; street car Davenport .10; 21st, Davenport to Iowa City 1.08; Davenport, Cafe, S. .55; Iowa City, Burkley, L. 1.00; bus Iowa City (midnight) .25; 22d, Iowa City to Cedar Rapids, 10th trip; Cedar Rapids to Ames 2.14; Iowa City, Burkley, B. .50, D. .40; Ames, Arlington, S. .50, L. .50; street car Ames .10; 23d, Ames, Arlington, B. .50, S. .50, L. .50; street car Ames .20; 24th, Ames, Arlington, B. .50, D. .50, S. .50, L. .50; street car Ames .10; 25th, Ames to Des Moines .70, Des Moines to Marshalltown 1.16; Ames, Arlington, B. .50; railway lunch counter, D. .60; Marshalltown, Cafe, S. .50, Pilgrim, L. 1.00; bus at Marshalltown (raining) .25; 26th, Marshalltown to Abbott .76; (looking at University land); Marshalltown, Pilgrim, B. .50, Abbott, Hotel Gimer, D. .35; Ackley, Hotel Ackley, S. .50, L. .50; bus at Marshalltown .25; team and driver Abbott to Ackley 1.50; 27th, Ackley to Gifford .43; Ackley, Hotel Ackley, B. .50, D. .50; Gifford Hotel, S. .25, L. .50; team and driver to visit lands 1.00; 28th, Gifford to Marshalltown .43; Marshalltown to Cedar Rapids 1.39; Cedar Rapids to Iowa City .65; Gifford Hotel, B. .25; Cedar Rapids, Montrose, D. .60; Iowa City, Burkley, S. .50, L. 1.00; 29th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 30th, Iowa City to Clinton, (University business) 1.78; Iowa City, Burkley, B. .50, Cafe, D. .50; Davenport, New Kimball, S. .85; Clinton, Revere, L. .50.....	\$ 60.26
July 1st,	Clinton to Sabula .33; Clinton, Revere, B. .50, D. .50, Cafe, S. .25; 5th, Sabula to Tama 2.81; C. M. & St. P. dining car, S. .85; Tama, Clifton Hotel, L. .50; 6th, Tama to Ames 1.12; Ames, Arlington, B. .50, D. .50, S. .50; street car fare Ames .20; 7th, Ames, Alumni Cafe, B. .25; Arlington, D. .50, S. .50, L. .50; street car Ames .20; 8th, Ames to Cedar Rapids 2.14; mileage book C. R. & L. C. Ry. Val. 6.50) 5.00; Cedar Rapids to Iowa City, 1st trip; S. W. dining car, B. .75; Iowa City, Burkley, D. .40, S. .50, L. 1.00; 9th, Iowa City to Cedar Rapids, 2nd trip; Iowa City, Burkley, B. .50, Olympia, D. .50; 11th, Sabula to Cedar Falls via Dubuque 2.88; Dubuque Cafe S. .25; Cedar Falls, Burr L. .50; bus Cedar Falls, I. A. M. .25; 12th, Cedar Falls to Marshalltown .99; Cedar Falls, Burr, B. .50, D. .50; Marshalltown, Pilgrim, S. .50, L. 1.00; street car Cedar Falls .20, bus at Marshalltown .25; 13th, Marshalltown to Ames .75; Ames, C. & N. W. lunch room, B. .50; Alumni Cafe, D. .25, S. .25, street car Ames .15; 14th, Ames to Des Moines .74; Ames, Alumni Cafe, B. .25, D. .25; railway lunch counter, S. .50; Des Moines, Victoria, L. .15; street car Ames .10, street car Des Moines .10; 15th, Des Moines to Iowa City 2.41; Des Moines, Hartford, B. .50, R. I. dining car, D. .95; Iowa City Olympia, S. .50, L. 1.00; street car, Iowa City, .19; 16th, Iowa City to Cedar Rapids, 3rd trip; Cedar Rapids to Sabula 1.86; Iowa City, Burkley, B. .50, Olympia, D. .45; Cedar Rapids, Montrose, S. .60; 18th, Sabula to Tama 2.81; Tama, Clifton, S. .50, L. .50; 19th, Tama to Ames 1.12; Ames, railway lunch counter, B. .50, Alumni Cafe, D. .25, S. .25, street car fare Ames .15; 20th, Ames to Des Moines .70; Des Moines to Ames (Northwestern) .74; Ames, Alumni Cafe, B. .25; railway lunch counter, D. .50, Ames Hotel, S. .50; street car Ames .15; 21st, Ames to Council Bluffs 2.18 (to meet with building committee of board) Ames, Ames Hotel, B. .50, D. .50; C. & N. W. dining car, S. .85; Council Bluffs, Grand, L. 1.50; street car fare Ames .20, chair car Ames to Council Bluffs .50 (seats in coach all occupied); street car Council Bluffs .65; 22nd, Council Bluffs, Grand, L. 2.00, B. .75; street car fare Council Bluffs .10; 23d Council Bluffs to Sabula 6.96, Council Bluffs, Grand, B. .60; C. M. & St. P. dining car, D. .90; Marion lunch counter, S. .25; street car Council Bluffs .10; 25th, Sabula to Davenport 1.08; Davenport to Iowa City 1.08, Davenport, Kimball, D. .65, Iowa City, Olympia, S. .50, Burkley, L. 1.00; 26th, Iowa City to Cedar Rapids, 4th trip, Cedar Rapids to Ames 2.14; Iowa City, Burkley, B. .50, Olympia, D. .50; Ames, Ames Hotel, S. .50, L. .50; street car Ames .10; 27th, Ames, Ames Hotel, B. .50, S. .50; Alumni Cafe, D. .25, street car .15; 28th, Ames to Cedar Rapids 2.14; Cedar Rapids to Sabula 1.96; Ames, Alumni Cafe, B. .25; C. & N. W. dining car, D. .85; Cedar Rapids, Montrose, S. .50; street car Ames .65.....	\$ 80.94

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
Aug. 20th,	telephone to Mr. Boyd, Sabula to Iowa City .50; 21st, Sabula to Cedar Rapids 1.95; Cedar Rapids, Montrose, S. .65, L. 1.50; 22d, Cedar Rapids to Ames 2.14; Cedar Rapids, Montrose, B. .60; Ames, Arlington, D. .50, Mr. Sloss, S. .50, street car Ames .20; 23rd, Ames, Ames Hotel, B. .50, Railway Cafe, D. .50, Ames Hotel, S. .50, street car fare Ames .30; 24th, Ames, Mr. Sloss, B. .50, S. .50, L. .50; Arlington, D. .50; street car fare, Ames .20; 25th, Ames, Mr. Sloss, B. .50, Ames Hotel, D. .50, S. .50, L. .50; street car Ames .30; 26th, Ames to Des Moines .70; Ames, Ames Hotel, B. .50; Mr. Sloss, D. .50, S. .50; Des Moines Savery, L. 1.50; street car Ames .20; street car fare Des Moines .10; 27th, Des Moines to Davenport 3.50 (to meet Mr. Baker on coal matters); Davenport to Sabula 1.03; Rock Island dining car, B. .85; 29th, Sabula to Des Moines 4.68; sleeper Sabula to Des Moines 1.50; 30th, Des Moines to Ames .70; Des Moines, Hartford, B. .65, Kirkwood, D. .85; Ames, Cafe, S. .40, Ames Hotel, L. .50; street car Des Moines .10; street car Ames .10; 31st, Ames, Ames Hotel, B. .50; Mr. Sloss, D. .50, S. .50, L. .50; street car fare Ames .20.	\$ 25.91
Sept. 1st,	Ames to Des Moines .70; Des Moines to Colfax .42; Colfax to Iowa City 1.95; Ames, Ames Hotel, B. .50; Colfax, Colfax Hotel, D. .50; Iowa City, Olympia, S. .50; Burkley, L. 1.00, street car Ames .10, street car Des Moines .10, bus at Iowa City (night) .25; 2d, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 3rd, Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Sabula 1.86; Iowa City, Burkley, B. .50; Cedar Rapids, Montrose, D. .75, S. .65; 4th, Sabula to Des Moines 4.68; sleeper Sabula to Des Moines 1.50; 5th, 500 mile Ft. Dodge, Des Moines and Southern Ry. 7.50, Des Moines to Ames, 36 miles; Ames, C. & N. W. cafe, B. .50, Mr. Sloss, D. .50, Ames Hotel S. .50, L. .50, street car Ames .20; 6th, Ames to Cedar Rapids 2.14; Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip; Ames, Ames Hotel, B. .50, C. & N. W. dining car, D. .90; Cedar Rapids, Montrose, S. .65, L. 1.50; street car Ames .10, telephone Mr. Boyd Cedar Rapids, Iowa City .25; 7th, Cedar Rapids, Montrose, B. .60, D. .60, S. .75, L. 1.50; 8th, Cedar Rapids, Montrose, B. .50, D. .60, S. .75, L. 1.50 (board meeting); 9th, Cedar Rapids to Sabula 1.86, Cedar Rapids cafe, B. .45, D. .50, S. .50; 12th, Sabula to Cedar Falls, via Dubuque 2.88, Dubuque Cafe, D. .40, Cedar Falls, Burr's Hotel, S. .50, L. .50, street car Cedar Falls .10; 13th, Cedar Falls to Marshalltown .90; Cedar Falls, Burr, B. .50, D. .50; C. & G. W. dining car, S. .90; Marshalltown, Pilgrim, L. .75; bus at Marshalltown .25; 14th, Marshalltown to Ames .75; Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50; Ames street car fare .30; 15th, Ames, Ames Hotel, B. .50, S. .50, L. .50, Ahummi Cafe, D. .25, street car, Ames .20; 16th, Ames to Cedar Rapids 2.14; Cedar Rapids to Iowa City, 8th trip; Ames, Ames Hotel, B. .50, D. .50, S. .50; Iowa City, Burkley, L. 1.00, street car fare, Ames .20; 17th, Iowa City to Cedar Rapids, 9th trip; Cedar Rapids to Sabula 1.86; Iowa City, Merchants, B. .40, Burkley, D. .40; 18th, telegram Sabula to Dean C. F. Curtiss, Chicago .35; 19th, Sabula to Cedar Rapids 1.86; Cedar Rapids Cafe, D. .50, S. .45; Montrose, L. 2.00; 20th, Cedar Rapids, to Ames 2.14, Cedar Rapids, Montrose, B. .50, Ames, Ahummi Cafe, D. .25, Ames Hotel, S. .50, L. .50; street car fare Ames .15; 21st, Ames to Des Moines, 36 miles, Des Moines to Iowa City 2.41; Iowa City to Cedar Rapids, 10th trip; Ames, Ames Hotel, B. .50, Rock Island dining car, L. .95; Iowa City, Burkley, S. .50; street car Des Moines .10 (several days spent inspecting gymnasium buildings at Chicago, Evanston and Madison) 26th, mileage book on Cedar Rapids and Iowa City Railway (value 6.50) 5.00; Cedar Rapids to Iowa City, 1st trip; Cedar Rapids, C. & N.W. railway cafe, D. .50, Montrose, S. .75; Iowa City, Burkley, L. 1.00 (meeting with presidents at Cedar Rapids); 27th, Iowa City, Burkley, B. .50, D. .40, S. .50, L. 1.00; 28th, Iowa City to Des Moines 2.41; Des Moines to Ames, 36 miles, Iowa City, Burkley, B. .50, Des Moines, Evans Cafe, D. .65, Ames, Ames Hotel, S. .50, L. .50, street car fare Ames .10; 29th, Ames, Ames Hotel, B. .50, Mr. Sloss, D. .50, S. .50, Ames Hotel L. .50; street car Ames .20; 30th, Ames to Cedar Rapids 2.14; Cedar Rapids to Iowa City, 2d trip, Ames, Ames Hotel, B. .50, Mr. Sloss, D. .50, Iowa City, Olympia, S. .50, Burkley, L. 1.00; street car fare Ames .15.	\$ 100.04
Oct. 1st,	Iowa City to Cedar Rapids, 3d trip; Cedar Rapids to Sabula 1.86; Iowa City, Burkley, B. .50, Olympia, D. .50; Marion, Ry. Cafe, S. .25; 3rd, Sabula to Cedar Rapids 1.86; Cedar Rapids	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	to Ames 2.14; Cedar Rapids, N. W. Cafe, D. .50; Ames, Ames Hotel, S. .50, L. .50; street car fare Ames .20; 4th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50; street car .50; 5th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, street car .20; 6th, Ames to Cedar Rapids 2.14; Cedar Rapids to Iowa City, 4th trip; Ames, Ames Hotel, B. .50; Mrs. Sloss, D. .50; Cedar Rapids, Montrose, S. .65; Iowa City, Burkley, L. .75; street car fare Ames .15; 7th, Iowa City, Burkley, D. .50; L. .75; Olympia, B. .45, S. .50; 8th, Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Sabula 1.86; Iowa City, Olympia, B. .45, Burkley, D. .45; 10th, Sabula to Cedar Falls 2.88; Dubuque Cafe, D. .45; Cedar Falls Cafe, S. .35, Burr, L. .50; bus at Cedar Falls (night) .25; 11th, Cedar Falls to Marshalltown .99; Cedar Falls, Burr, B. .50, D. .50; Chicago and Gt. Western dining car, S. .85; Marshalltown, Pilgrim, L. .75; 12th, Marshalltown to Ames .75; Ames to Des Moines .74; Ames, Ames Hotel, B. .50, D. .50, Northwestern Cafe, S. .60; Des Moines, Savery, L. 1.00; street car fare Ames .20; 13th, Des Moines to Iowa City 2.41; Rock Island dining car, B. .80; Iowa City, Olympia, D. .50, Burkley, S. .50, L. 1.00; 14th, Iowa City, Merchants, B. .50, D. .50; Burkley, S. .50, L. 1.00; 15th, Iowa City to Davenport 1.08 (to meet with Baker of building committee), Davenport to Sabula 1.08; Iowa City, B. .55; 16th, Sabula to Des Moines 4.68; sleeper Sabula to Des Moines 1.50; 17th, Des Moines to Ames, 36 miles; Ames Ry. Cafe, B. .50, Mrs. Sloss, D. .50; Ames Hotel, S. .50, L. .50; street car Ames .20; 18th, Ames to Des Moines, 36 miles; Des Moines to Ames, 36 miles; Ames, Ames Hotel, B. .50, S. .50, L. .50; Des Moines, Savery, D. .65; street car fare Ames .10; 19th, Ames, Ames Hotel, B. .50, L. .50; Mrs. Sloss, D. .50, S. .50; street car fare Ames .20; 20th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Green's Cafe, D. .40; street car fare Ames .20; 21st, Ames to Cedar Rapids 2.14; Cedar Rapids to Iowa City, 6th trip; Ames, Ames Hotel, B. .50; Cedar Rapids, Montrose, D. .60; Iowa City, Burkley, S. .50, L. 1.00; street car fare Ames .10; 22d, Iowa City to Cedar Rapids, 7th trip; Cedar Rapids to Sabula 1.86; Iowa City, Merchants, B. .45; Burkley, D. .50, Marion Ry. Cafe, S. .35; 24th, Sabula to Iowa City 2.11; Iowa City, Olympia, D. .50, S. .50, Burkley, L. 1.00; 25th, Iowa City to Cedar Rapids, 8th trip; Cedar Rapids to Ames 2.14; Iowa City, Burkley, B. .50, Olympia, D. .50; Ames, Ames Hotel, S. .50, L. .50; street car Ames .10; 26th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Mrs. Sloss, D. .50; street car Ames .15; 27th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50; street car Ames .20; 28th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Mrs. Sloss, D. .50; street car Ames .20; 29th, Ames to Cedar Rapids 2.14; Cedar Rapids to Sabula 1.86; Ames, Ames Hotel, B. .50; O. & N. W. dining car, D. .80; Delmar lunch room, S. .25; street car Ames .10; 31st, Sabula to Cedar Rapids 1.86, Cedar Rapids, Cafe, S. .40; Montrose, L. 1.00	\$ 22.28
Nov. 1st,	Cedar Rapids to Ames 2.14; Cedar Rapids Cafe, B. .45; Montrose, D. .60; Ames, Ames Hotel, S. .50, L. .50; street car fare Ames .10; 2d, Ames, Ames Hotel, B. .50, S. .50, L. .50; Ames Ry. Cafe, D. .30; street car fare .15; 3rd, Ames to Des Moines, 36 miles, Des Moines to Ames, 36 miles; Ames, Ames Hotel, B. .50, L. .50; Des Moines, Evans Cafe, D. .50; Ames Ry. lunch room, S. .50; street car fare Des Moines .10; 4th, Ames to Des Moines, 36 miles, Des Moines to Ames, 36 miles, Ames, Ames Hotel, B. .50, L. .50; Ry. lunch room, D. .50, S. .50; street car fare Ames .10; 5th, Ames to Tama 1.12; Ames, Ames Hotel, B. .50, S. .50, Mrs. Sloss D. .35; street car fare Ames .20; 6th, Tama to Sabula 2.82; Marion, Ry. lunch room, B. .25; 8th, Sabula to Iowa City, via Davenport 2.11; Iowa City to Cedar Rapids, 9th trip; Iowa City, Merchants Cafe, D. .50; Iowa City, Olympia, S. .50; Cedar Rapids, Montrose, L. 1.00; 9th, Cedar Rapids to Cedar Falls 1.17; Cedar Rapids Cafe, B. .45; Cedar Falls, Burr Hotel, D. .50, S. .50, L. .50; street car fare Cedar Falls .20; 10th, Cedar Falls to Cedar Rapids 1.17; Cedar Rapids to Iowa City, 10th trip; Cedar Falls, Burr Hotel, B. .50; Iowa City, Merchants Cafe, S. .50; Iowa City, Burkley, L. 1.00; 11th, Iowa City, Burkley, B. .50, S. .50, L. 1.00; Olympia, D. .50; 12th, Iowa City to Cedar Rapids .65; Iowa City, Burkley, B. .50, S. .50, Olympia, D. .50; 13th, Cedar Rapids to Sabula 1.86; Marion lunch counter, B. .25; 14th, Sabula to Huxley 2.92; Huxley to Ames .25; C. M. & St. P. dining car, S. .65; Ames, Ames Hotel, L. .50; 15th, Ames, Ames Hotel, B. .50; S. .50; L. .50; Mrs. Sloss, D. .25; street car fare Ames .10; 16th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Alumni Cafe, D. .25; street car fare Ames .20; 17th,	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Ames, Ames Hotel, B. .50, S. .50, L. .50, Alumni Cafe, D. .25; street car Ames .15; 18th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Alumni Cafe, D. .25; street car Ames .20; 19th, Ames to Tama 1.12; Tama to Sabula 2.82; Ames, Ames Hotel, B. .50; Ames Ry. lunch counter, D. .45; Marion railway cafe, S. .25; street car fare Ames .10; 21st, Sabula to Iowa City 2.11; Iowa City, Olympia, D. .45; Burkley, S. .50; L. 1.00; 22d, book C. R. & I. C. Ry. Co. (value 6.50) 5.00; Iowa City to Cedar Rapids, 1st trip; Iowa City, Burkley, B. .50; Iowa City, Olympia, S. .50; Cedar Rapids, Montrose, L. 1.00; 23d, Cedar Rapids to Sabula 1.86; Sabula to Des Moines 4.68; Cedar Rapids Cafe, B. .35; sleeper Sabula to Des Moines 1.50; 24th, Des Moines, Gray, B. .25; D. .25, S. .25, L. .50; street car Des Moines .20; 25th, Des Moines to Campus, 34 miles, Des Moines, Gray, B. .25; Ames, Alumni Cafe, D. .25; Ames, Ames Hotel, S. .50, L. .50; street car Ames .15; 26th, Campus to Des Moines, 34 miles; Ames, Ames Hotel, B. .50; Alumni Cafe, D. .25; Des Moines, Mrs. Molden, S. .35, Gray, L. .50; street car Ames .10; 27th, Des Moines, Gray, B. .25, D. .25, S. .25, L. .50; street car Des Moines, .10; 28th, Des Moines to Ames, 36 miles, Ames, Green's Cafe, B. .25; Ames, Hotel, D. .50, S. .50, L. .50; street car Ames .15; 29th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Ames Cafe, D. .35; street car Ames .15; 30th, Ames to Des Moines, 36 miles, Ames, Ames Hotel, B. .50; Cafe, D. .35; Des Moines, Mrs. Molden, S. .35; Gray, L. .50; street car Ames .10	83.35
1910	Dec. 1st, Des Moines to Iowa City 2.41; Des Moines, Gray, B. .35; Evans Cafe, D. .50; Iowa City, Olympia, S. .55; Burkley, L. 1.00; street car fare Des Moines .15; 2nd, Iowa City to Cedar Rapids, 2d. trip; Cedar Rapids to Des Moines 2.88; Iowa City, Burkley, B. .50, Olympia, D. .50; Cedar Rapids, Montrose, S. .75; C. & N. W. sleeper Cedar Rapids to Des Moines 1.50 (attending meeting Educational Committee); 3rd, Des Moines, Evans Cafe, B. .45; S. .50; Grays, L. .75; street car fare Des Moines .20; 4th, Des Moines, Gray, B. .35, D. .35, S. .35, L. .75; 5th, Des Moines to Ames .38 and 15 miles; Ames to Des Moines .70; Des Moines, Gray, B. .35; Ames, Ames Hotel, D. .50, Des Moines, Mrs. Molden, S. .35, Des Moines, Gray L. .75; street car fare Des Moines .10; 6th, Des Moines to Iowa City 2.41; Des Moines, Gray, B. .35, Evans, D. .50; Iowa City, Burkley, S. .50, L. 1.00; 7th, Iowa City, Burkley, B. .50, Merchants, D. .40; Olympia, S. .50, Burkley, L. 1.00; 8th, Iowa City to Cedar Rapids, 3rd trip, Cedar Rapids to Cedar Falls 1.17; Iowa City, Burkley, B. .50, Merchants, D. .45; Cedar Falls, Burr, S. .50, L. .50; street car fare Cedar Falls .10; 9th, Cedar Falls to Cedar Rapids 1.17; Cedar Falls, Burr, B. .50, D. .50; Cedar Rapids, Montrose, S. .65; L. 1.50; street car fare Cedar Falls .20; 10th, Cedar Rapids to Sabula 1.86; Cedar Rapids Cafe, B. .35; D. .35; 12th, Sabula to Iowa City 2.11; C. R. I. & P. dining car, D. .75; Iowa City, Olympia, S. .45; Iowa City, Burkley, L. 1.00, baggage, Davenport .10; 13th, Iowa City, Burkley, B. .45; St. James, D. .50; Burkley, S. .45, L. 1.00; 14th, Iowa City to Des Moines 2.41; Iowa City, Burkley, B. .45; Des Moines, Christy, D. .45; Mrs. Molden, S. .35; Gray, L. .75; 15th, Des Moines to Ames .70; Des Moines, Gray, B. .35; Ames, Ames Hotel, S. .50, L. .50; street car fare, Ames .20; 16th, Ames, Ames Hotel, B. .50; Cafe, D. .35; Ames Hotel S. .50, L. .50; street car fare Ames .20; 17th, Ames to Des Moines .70; Ames, Ames Hotel, B. .50; D. Ry. Cafe .50; Des Moines, Mrs. Molden, S. .35; L. Grays .75; street car fare Des Moines .10; 18th, Des Moines, Grays, B. .35; D. .35; S. .35, L. .75; street car fare Des Moines .10; 19th, Des Moines to Cedar Falls 2.15; Cedar Falls to Cedar Rapids 1.17; Cedar Rapids to Iowa City, 4th trip; Des Moines, Evans, B. .40; C. & G. W. dining car, D. .80; Iowa City, Olympia, S. .60, Burkley, L. 1.00; street car fare Des Moines .05; 20th, Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Spirit Lake 4.47; Iowa City, Olympia, B. .50; Burkley, D. .50, S. .50; sleeper Cedar Rapids to Spirit Lake 1.50; 21st, Spirit Lake to Cedar Rapids 4.47; Estherville, Hotel B. .50; Spirit Lake, Antlers, D. .50, S. Estherville Hotel .50, Cedar Rapids, Montrose, L. 1.50; 22d, Cedar Rapids to Sabula 1.86; Marion lunch counter, B. .35; 27th, Sabula to Davenport 1.03; Davenport to Iowa City, via Muscatine 1.37; Davenport, Kimball, D. .75; Iowa City, Olympia, S. .50, Burkley, L. 1.00; baggage at Davenport .10, street car fare .10; 28th, Iowa City to Cedar Rapids, 6th trip; Iowa City, Merchants, B. .45; Burkley, D. .50; Cedar Rapids, Montrose, S. .65, L. 1.00; 29th, Cedar Rapids to Sabula 1.86; Marion Ry. lunch. B. .40	88.72

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
1911	<p>Jan. 2d, Sabula to Cedar Rapids 1.86; Cedar Rapids to Ames 2.14; Cedar Rapids, Montrose, D. .75; C. & N. W. dining car, S. .85; Ames, Ames Hotel, L. .50; 3rd, Ames, Ames Hotel, B. .50; Ames, Cafe, D. .35; Ames Hotel, L. .50; street car fare Ames .20; 4th, Ames to Des Moines .72; Ames, Ames Hotel, B. .50; Ames Cafe, D. .35; Des Moines, Evans Cafe, S. .55; Gray, L. .75; street car Ames .10; street car fare Des Moines .10; 5th, Des Moines, Evans, B. .45, D. .50, S. .50; Gray, L. .75; street car fare Des Moines .20; 6th, Des Moines, Christy, B. .45; Capitol Cafe, D. .25; Evans, S. .50; Gray, L. .75; street car fare Des Moines .20; 7th, Des Moines to Sabula 4.68; Des Moines, Evans, B. .45, S. .50; Capitol Cafe, D. .35; sleeper Des Moines to Sabula 1.50; street car Des Moines .15; 9th, Sabula to Cedar Falls 2.88; Dubuque Cafe, S. .35; Cedar Falls Burr Hotel, L. .50; bus at Cedar Falls, night .25; 10th, Cedar Falls to Cedar Rapids 1.17; Cedar Rapids to Iowa City, 7th trip; Cedar Falls, Burr, B. .50, D. .50; Cedar Rapids, Montrose, S. .65; Iowa City, Burkley, L. 1.00; street car Cedar Falls .20; 11th, Iowa City, Burkley, B. .35, S. .50, L. 1.00, Olympia, D. .50; 12th, Iowa City, Burkley, B. .35, L. 1.00; Olympia, D. .50, Merchants, S. .45; 13th, Iowa City to Davenport 1.08; Davenport to Sabula 1.03; Iowa City, Merchants, B. .40; 15th, telephone Sabula to Cedar Rapids .50; 16th, Sabula to Cedar Rapids 1.86; Cedar Rapids to Ames 2.14; Cedar Rapids, Montrose, D. .50; C. & N. W. dining car, S. .80; Ames, Ames Hotel, L. .50; street car fare Ames .10; 17th, Ames, Ames Hotel, B. .50, L. .50; Alumni Cafe, D. .25; street car fare Ames .20; 18th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50; street car fare Ames .20; 19th, Ames to Cedar Rapids 2.14; Cedar Rapids to Iowa City, 8th trip; Ames, Ames Hotel, B. .50; Iowa City, Olympia, D. .50, S. .45; Burkley, L. 1.00; street car fare Ames .10; 20th, Iowa City to Cedar Rapids, 9th trip; Iowa City, Burkley, B. .35, D. .45; Cedar Rapids, Montrose, S. .65, L. 1.00; 21st, Cedar Rapids to Sabula 1.86; Cedar Rapids Cafe, B. .35, D. .45; 22d, telephone Sabula to Cedar Rapids, Boyd .50; 23d, Sabula to Cedar Falls 2.88; Dubuque, Cafe, D. .70; Cedar Falls, Burr Hotel, S. .50, L. .50; street car fare .10; 24th, Cedar Falls to Marshalltown .90; Cedar Falls, Burr Hotel, B. .50, D. .50; C. & N. W. dining car, S. .85; Marshalltown, Pilgrim, L. 1.00; street car fare Cedar Falls .20; 25th, Marshalltown to Ames .75; Marshalltown, Pilgrim, B. .50; Ames, Cafe, D. .35; Ames Hotel, S. .50, L. .50; bus Marshalltown (raining) .25; Ames street car fare .20; 26th, Campus to Des Moines .68; Ames, Ames Hotel, B. .50; Ames Cafe, D. .40; Des Moines, Evans Cafe, S. .45; Gray, L. .75; street car fare Ames .05; street car fare Des Moines .10; 27th, Des Moines to Grinnell 1.10; Des Moines, Evans, B. .35; Capitol Cafe, D. .35; Grinnell, Monroe, S. .50, L. .75; street car fare Des Moines .10; 28th, Grinnell to Iowa City 1.31; Iowa City to Cedar Rapids, 10th trip, Cedar Rapids to Sabula 1.86; Rock Island dining car, B. .75; Iowa City, Olympia, D. .55; Marion, Ry. lunch counter, S. .35; 29th, Sabula to Des Moines 4.68; sleeper Sabula to Des Moines 1.50; 30th, Des Moines to Campus .68; Des Moines, Christy, B. .35; Ames Cafe, D. .35; Ames Hotel, S. .50, L. .50; street car fare Des Moines .05; street car fare Ames .15; 31st, Campus to Des Moines .68; Ames, Ames Hotel, B. .50; Cafe, D. .35, Des Moines, Evans, S. .50; Gray, L. .75; street car fare Ames .05; street car fare Des Moines .10</p>	\$ 92.77
	<p>Feb. 1st, Des Moines, Christie, B. .40, Capitol Cafe, D. .35; Mrs. Molden, S. .35, Gray, L. .75, street car .15; 2d, Des Moines, Evans, B. .35, Capitol Cafe, D. .35; Mrs. Molden, S. .35, street car fare .20, lodging, Gray .75; 3rd, Des Moines, Christie, B. .50, Capitol, D. .35, dairy lunch, S. .40, Gray, L. .75; street car fare .20; 4th, Des Moines, Evans, B. .40, D. .45, Mrs. Molden, S. .35, Gray, L. .75, street car .20; 5th, Des Moines, Gray, B. .35, D. .50, S. .35, L. .75, street car fare .10; 6th, Des Moines to Campus .68; Des Moines, Christie, B. .35, Ames, Ames Hotel, D. .50, S. .50, L. .50, street car fare Des Moines .05 street car fare Ames .15; 7th, Ames to Des Moines .72; Ames, Ames Hotel, B. .50, Ames Cafe, D. .35, Des Moines, Mrs. Molden, S. .35, Gray, L. .75; street car Ames .10; street car fare Des Moines .15; 8th, Des Moines, Evans, B. .35, Savory, D. .75, Mrs. Molden, S. .35, Gray, L. .75, street car Des Moines .20; 9th, Des Moines to Cedar Falls 2.15, Des Moines, Evans, B. .45, C. & G. W. dining car, D. .80, Cedar Falls, Burr, S. .50, L. .50, street car Des Moines .10, street car Cedar Falls .10; 10th, Cedar Falls, Burr, B. .50, D. .50, L. .50, Cafe, S. .40, street car Cedar Falls .20; 11th, Cedar Falls to Sabula 2.88; Cedar Falls, Burr</p>	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Hotel, B. .50, D. .50, Dubuque, Cafe, S. .45, street car Cedar Falls .10; 13th, Sabula to Cedar Rapids 1.86; mileage book Cedar Rapids and Iowa City Ry. Co. (value 6.50) 5.00; Cedar Rapids, Montrose, D. .60, Iowa City, Olympia, S. .50, St. James, L. .75; 14th, Iowa City to Des Moines 2.41; Iowa City, Olympia, B. .40, D. .50, O. R. I. & P. dining car, S. .85; Des Moines, Gray, L. .75, street car Des Moines .10; 15th, Des Moines to Ames .75, Des Moines, Evans, B. .35, Capitol Cafe, D. .35; Ames, Ames Hotel, S. .50, L. .50, street car Des Moines .20; 16th, Ames, Ames Hotel, B. .50, D. .50, L. .50, Cafe, S. .35, street car fare .20; 17th, Ames to Des Moines .72; Ames, Ames Hotel, B. .50, Cafe D. .35, Des Moines, Mrs. Molden, S. .35, Gray, L. .75, street car Ames .15, street car Des Moines .10; 18th, Des Moines, Christie, B. .40, Capitol Cafe, D. .25, Mrs. Molden, S. .35, Gray, L. .75, street car Des Moines .20; 19th, Des Moines to Iowa City, 2.41, Des Moines, Gray, B. .35, S. .35, Iowa City, St. James, L. .75, street car, Des Moines, .15, bus Iowa City (after midnight), .25; 20th, Iowa City, St. James, B. .50, D. .50, L. .75, Merchants, S. .40; 21st, Iowa City, Olympia, B. .40, D. .50, S. .50, St. James, L. .75; 22d, Iowa City to Des Moines, 2.41, Iowa City, Merchants, B. .35, Des Moines, Kirkwood, D. .60, Mrs. Molden, S. .35, Gray, L. .75, street car, Des Moines, .15; 23d, Des Moines, Christie, B. .35, Capitol Cafe, D. .35, Chamberlain, S. .75, Gray, L. .75, street car, Des Moines, .20; 24th, Des Moines, Evans, B. .45, Capitol Cafe, D. .35, Mrs. Molden, S. .35, Gray, L. .75, street car Des Moines .20; 25th, Des Moines to Ames .72, Campus to Des Moines .68, Des Moines, Hartford, B. .40, Ames Cafe, D. .35, Des Moines, Mrs. Molden, S. .35, Gray, L. .75, street car, Ames, .05, street car, Des Moines, .10; 26th, Des Moines, Gray, B. .35, D. .50, S. .35, L. .75, street car .10; 27th, Des Moines to Iowa City, 2.41, Des Moines, Evans, B. .40, D. .50, Iowa City, Olympia, S. .50, St. James, L. .75, street car, Des Moines, .05; 28th, Iowa City to Cedar Rapids, 2d trip; Cedar Rapids to Sabula, 1.86, Iowa City, St. James, B. .50, D. .50, Cedar Rapids Cafe, S. .45-----	\$ 84.01
March 1st,	telephone to J. H. Trewin, Cedar Rapids, .50; 2d, Sabula to Cedar Rapids, 1.86, Cedar Rapids, Montrose, D. .50, S. .35, L. 1.00; 3d, Cedar Rapids to Iowa City, 3d trip; Cedar Rapids, Montrose, B. .50, D. .75, Iowa City, St. James, S. .50, L. .75; 4th Iowa City to Des Moines, 2.41, Iowa City, Olympian, B. .50, Des Moines, Hartford, D. .50, Mrs. Molden, S. .35, Gray, L. .75, bus, Iowa City, .25, street car, Des Moines, .15; 5th, Des Moines, Gray, B. .35, L. .50, S. .35, L. .75, street car fare .20; 6th, Des Moines to Campus, .68, Campus to Des Moines, .68, Des Moines, Christie, B. .40, Ames, Alumni Cafe, D. .25, Des Moines, Mrs. Molden, S. .35, Gray, L. .75, street car, Des Moines, .20, street car fare, Ames .10; 7th, Des Moines, Hartford, B. .45, Capitol, D. .40, Savery, S. .65, Gray, L. .75, street care fare .30; 8th, Des Moines, Hartford, B. .40, D. .50, S. .50, Gray, L. .75, street car .30; 9th, Des Moines to Iowa City, 2.41, Iowa City to Cedar Rapids, 4th trip; Des Moines, Evans, B. .40, D. .65, Iowa City, Olympia, S. .50, Cedar Rapids, Montrose, L. 1.00, street car, Des Moines, .10, bus, Iowa City, .25; 10th Cedar Rapids to Cedar Falls, 1.17, Cedar Falls to Cedar Rapids, 1.17, Cedar Rapids, Montrose, B. .50, Cedar Falls, Burr, D. .50, S. .50, Montrose, Cedar Rapids, L. 1.50, street car, Cedar Falls, .20; 11th, Cedar Rapids to Sabula, 1.83, Cedar Rapids, Montrose, B. .50, D. .60; 12th, Sabula to Cedar Rapids, 1.86, Cedar Rapids to Iowa City, 5th trip; Iowa City to Cedar Rapids, 6th trip; Cedar Rapids, Montrose, D. .75, L. 1.50, Iowa City, Burkley, S. .50; 13th, Cedar Rapids to Ames, 2.14, Cedar Rapids Cafe, B. .45, Ames, Green Cafe, D. .40, Ames Hotel, S. .50, L. .50, street car, Ames, .10; 14th, Campus to Des Moines, .68, Ames, Ames Hotel, B. .50, Champlin, fruit .20, Des Moines, Kirkwood, S. .75, Gray, L. .75, street car, Des Moines, .10; 15th, Des Moines, Hartford, B. .50, D. .60, Mrs. Newton, S. .35, Gray, L. .75, street car fare, Des Moines, .20; 16th, Des Moines, Hartford, B. .45, Savery, D. .65, Mrs. Molden, S. .35, Gray, L. .75, street car, Des Moines, .20; 17th, Des Moines, Hartford, B. .40, D. .50, Mrs. Molden, S. .35, Gray, L. .75, street car fare, Des Moines, .20; 18th, Des Moines, Evans, B. .40, Capitol, D. .35, Mrs. Molden, S. .35, Gray, L. .75, street car fare, Des Moines, .20; 19th, Des Moines to Iowa City, 2.41, Des Moines, Gray, B. .35, Savery, D. .75, Iowa City, Merchants, S. .50, St. James, L. .50, street car, Des Moines,	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	.10; 20th, Iowa City to Des Moines, 2.41, Iowa City, St. James, B. .50, Olympia, D. .50, Des Moines, Savery, S. .65, Gray, L. .75, telegram to H. H. Seerley, .25, street car fare Des Moines .10; 21st, Des Moines, Hartford, B. .40, D. .50, Mrs. Molden, S. .35, Gray, L. .75, street car fare, Des Moines, .20; 22d, Des Moines to Ames, .74, Des Moines, Hartford, B. .45, D. .50, S. .50, Ames, Ames Hotel, L. .50, street car fare, Des Moines, .25, street car fare, Ames, .10; 23d, Campus to Des Moines, .68, Ames, Ames Hotel, B. .50, Des Moines, Hartford, D. .50, Mrs. Molden, S. .35, Gray, L. .75, street car, Ames, .05, street car, Des Moines, .15; 24th, Des Moines to Iowa City, 2.41, Des Moines, Hartford, B. .45, Iowa City, Merchants, D. .70, Burkley, S. .50, L. 1.00, street car fare, Des Moines, .10; 25th, Iowa City to Cedar Rapids, 7th trip; Cedar Rapids to Sabula, 1.86, Iowa City, Merchants, B. .40, Burkley, D. .50, Marion, lunch counter, S. .35; 27th, Sabula to Cedar Rapids, 1.86, Cedar Rapids Cafe, S. .45, Montrose, L. 1.50; 28th, Cedar Rapids to Ames, 2.14, Campus to Des Moines, .68, Northwestern dining car, B. .90, Ames Cafe, D. .35, Des Moines, Gray, L. .75, street car, Ames, .15, street car, Des Moines, .10; 29th, Des Moines, Savery, B. .50, D. .60, Mrs. Rose, S. .50, Gray, L. .75, street car, Des Moines, .20; 30th, Des Moines, Savery, B. .50, D. .60, Mrs. Rose, S. .50, Gray, L. .75, street car, Des Moines .30; 31st, Des Moines, Hartford, B. .45, Savery, D. .50, Mrs. Rose, S. .50, Gray, L. .75, street car, Des Moines, .20	\$ 99.46
April 1st,	Des Moines to Ames, .72, Campus to Des Moines, .68, Des Moines, Evans, B. .45, D. .50, Mrs. Rose, S. .50, Gray, L. .75, street car fare, Des Moines .20, street car fare Ames, .05; 2d, Des Moines to Ames, .72, Campus to Des Moines, .68, Des Moines, Christie, B. .40, S. .50, Gray, L. .75, street car, Des Moines, .15, street car, Ames, .05; 3d, Des Moines, Evans, B. .40, D. .50, S. .50, Gray, L. .75, street car, Des Moines, .20; 4th, Des Moines, Hartford, B. .45, Capitol Cafe, D. .40, Savery, S. .75, Gray, L. .75, street car, Des Moines, .20; 5th, Des Moines, Hartford, B. .45, Savery, B. .50, D. .50, Mrs. Rose, S. .50, Gray, L. .75, street car, Des Moines, .20, telephone, E. W. Stanton, Ames, .25; 6th, Des Moines, Savery, B. .50, D. .50, Mrs. Rose, S. .50, Gray, L. .75, street car fare Des Moines .20, telegram .25; 7th, Des Moines, Hartford, B. .45, D. .50, Mrs. Rose, S. .50, Gray, L. .75, street car, Des Moines, .20; 8th, Des Moines to Iowa City, 2.41, Iowa City to Cedar Rapids, 8th trip; Des Moines, Evans, B. .50, Rock Island Depot, D. .50, Iowa City, Olympia, S. .50, Marion, Ry. Lunch, .35 (lunch), street car, Des Moines, .15; 9th Cedar Rapids to Sabula, 1.86, Sabula to Des Moines, 4.68, sleeper, Sabula to Des Moines, 1.50, telephone to W. R. Boyd, .50; 10th, Des Moines, Evans, B. .45, D. .50, S. .50, Gray, L. .75, street car, Des Moines .20; 11th, Des Moines, Hartford, B. .45, Capitol Lunch, D. .35, Mrs. Rose, S. .50, Gray, L. .75, street car, Des Moines, .20, telephone Dr. Seerley, Cedar Falls, .50; 12th, Des Moines, Evans, B. .45, S. .75, Capitol, D. .40, Gray, L. .75, street car, Des Moines, .25; 13th, Des Moines to Campus, .68, Des Moines, Christie, B. .45, Ames, Cafe, D. .35, Ames Hotel, S. .50, L. .50, Des Moines, street car, .15, Ames, street car, .10; 14th, Ames, Ames Hotel, B. .50, S. .50, L. .50, Cafe, D. .35, street car Ames, .30; 15th, Ames to Des Moines, .72, Ames, Ames Hotel, B. .50, D. .50, Des Moines, Mrs. Rose, S. .50, Gray, L. .75, street car Ames .20, street car Des Moines .10; 16th, Des Moines, Gray, B. .35, L. .75, Mrs. Rose, D. .50, Cafe, S. .50, street car Des Moines .20; 17th, Des Moines to Ames .72, Ames to Marshalltown .75, Marshalltown to Cedar Falls, .99, Des Moines, Hartford, B. .45, D. .55, (Pilgrim, Marshalltown), Cedar Falls, Burr Hotel, S. .50, L. .50, street car, Des Moines, .10, street car, Ames, .10, bus, Marshalltown .25; 18th, Cedar Falls to Cedar Rapids 1.17, Cedar Rapids to Iowa City, 9th trip; Cedar Falls, Burr Hotel, B. .50, Cedar Rapids, Montrose, S. .75, Iowa City, Burkley, L. 1.00, street car, Cedar Falls, .10; 19th, Iowa City, Olympia, B. .45, Colonial, D. .50, S. .50, Burkley, L. 1.00; 20th, Iowa City to Cedar Rapids, 10th trip; Iowa City, Colonial, B. .40, D. .50, S. .55, Cedar Rapids, Montrose, L. 1.50; 21st, Cedar Rapids to Sabula, 1.86, Cedar Rapids, Montrose, B. .50, D. .60, Marion, Ry. Lunch, S. .35; 23d, Sabula to Des Moines, 4.68, sleeper, Sabula to Des Moines, 1.50, baggage, .25; 24th, Des Moines, Evans, B. .40, Carrs Cafe, D. .25, Savery S. .75, Gray, L. .75, street car, Des Moines, .20; 25th, Des Moines to Ames, .72, Des Moines, Evans, B. .45, D. .55, Ames, Ames Hotel, S. .50, L. .50, street car, Des Moines, .10, street car, Ames, .10; 26th, Ames to Des Moines, .72, Ames, Ames Hotel, B.	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	.50, Cafe, D. .35, Des Moines, Mrs. Rose, S. .50, Gray, L. .75, street car, Ames, .15, street car, Des Moines, .05; 27th, Des Moines to Iowa City 2.41, Des Moines, Evans, B. .40, lunch on Rock Island train, .50, Iowa City, Colonial, S. .50, St. James, L. .75, street car, Des Moines .10; 28th, Iowa City, Colonial, B. .40, D. .50, S. .50, St. James, L. .75; 29th, Iowa City to Des Moines, 2.41, Iowa City, Colonial, B. .45, Des Moines, Savery, D. .00, Mrs. Rose, S. .50, Gray, L. .75, bus at Iowa City, raining, .25, street car, Des Moines .10; 30th, Des Moines, Gray, B. .35, S. .35, L. .75, Mrs. Rose, D. .50, street car Des Moines .20	\$ 96.78
May 1st,	Des Moines to Ames, .72, Des Moines, Evans, B. .40, D. .45, Ames, Ames Hotel, S. .50, L. .50, street car, Des Moines, .15, street car, Ames, .10; 2d, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, street car, Ames, .20; 3d, Ames to Des Moines, .72, Ames, Ames Hotel, B. .50, D. .50, Des Moines, Mrs. Rose, S. .50, Gray, L. .75, Ames, street car, .15, Des Moines, street car, .10; 4th, Des Moines to Iowa City 2.41, Des Moines, Chamberlain, B. .75, Rock Island Cafe, D. .50, Iowa City, Colonial, S. .50, St. James, L. .75, street car, Des Moines, .15; 5th, mileage book, Cedar Rapids & Iowa City Railway Company (value 6.50), 6.00, Iowa City to Cedar Rapids 1st trip; Cedar Rapids, Montrose, B. .40, D. .50, S. .45, L. 1.50; Cedar Rapids to Sabula, 1.86, Cedar Rapids, Cafe, B. .40, Preston, Delmonico, D. .50; 8th, Sabula to Cedar Rapids, 1.86, Cedar Rapids to Iowa City, 2d trip; Iowa City, Colonial, D. .50, S. .55, St. James, L. .75; 9th, Iowa City, Colonial, B. .40, D. .50, S. .50, St. James, L. .75; 10th, Iowa City to Cedar Rapids, 2d trip; Cedar Rapids to Cedar Falls, 1.17, Iowa City, Colonial, B. .40, D. .50, Cedar Falls, Burr, S. .50, L. .50, street car Cedar Falls .10; 11th, Cedar Falls to Marshalltown, .99, Cedar Falls, Burr, B. .50, College Tea House, D. .75, Chicago & Great Western dining car, S. .60, Marshalltown, Pilgrim, L. .75, street car, Cedar Falls, .10, bus, Marshalltown (night), .25; 12th, Marshalltown to Ames, .75, Ames, Ames Hotel, B. .50, S. .50, L. .50, Ames Cafe, D. .35, street car, Ames, .30; 13th, Campus to Des Moines, .68, Ames, Ames Hotel, B. .50, Ames Cafe, D. .25, Des Moines, Mrs. Rose, S. .50, Gray, L. .75, street car fare, Ames, .10; 14th, Des Moines, Evans, B. .35, S. .35, Mrs. Rose, D. .50, Gray, L. .75, street car, Des Moines, .10; 15th, Des Moines, Hartford, B. .40, Cafe, D. .35, Mrs. Rose, S. .50, Gray, L. .75, street car, Des Moines, .20; 16th, Des Moines, Evans, B. .45, D. .50, Mrs. Rose, S. .50, Gray, L. .75, street car fare Des Moines .20; 17th, Des Moines to Ames .72, Des Moines, Christie, B. .40, D. .45, Ames, Ames Hotel, S. .50, L. .50, street car, Des Moines, .15, street car, Ames, .10; 18th, Ames to Des Moines .72, Ames, Ames Hotel, B. .50, D. .50, Des Moines, Chamberlain, S. .75, Gray, L. .75, street car Ames .15, street car Des Moines, .10; 19th, Des Moines to Iowa City, 2.41, Iowa City to Cedar Rapids, 4th trip; Des Moines, Savery, B. .45, Rock Island Depot, D. .50, Iowa City, Colonial, S. .50, Cedar Rapids, Montrose, L. 1.00, street car Des Moines .15, street car Iowa City .05; 20th, Cedar Rapids to Sabula 1.86, Cedar Rapids, Cafe, B. .35, D. .50; 22d, Sabula to Des Moines 4.68, sleeper Sabula to Des Moines 1.50; 23rd, Madrid to Boone .29, Boone to Ames .28, Ames to Des Moines .72, C. M. & St. P. dining car, B. .75, Ames Cafe, D. .25, Des Moines, Gray, L. .75, street car Ames .10, street car Des Moines .10; 24th, Des Moines to Iowa City 2.41, Des Moines, Evans, B. .50, Savery, D. .60, C. R. I. & P. lunch on train .50, Iowa City, Burkley, L. 1.00, street car, Des Moines, .20, street car, Iowa City, .05; 25th, Iowa City to Cedar Rapids, 5th trip, Iowa City, Colonial, B. .45, D. .45, S. .50, Cedar Rapids, Montrose, L. 2.00; 26th, Cedar Rapids, Montrose, B. .60, D. .75, S. .75, L. 2.00; 27th, Cedar Rapids to Iowa City; 6th trip; Cedar Rapids, Montrose, B. .55, D. .75, Iowa City, Burkley, S. .60, L. 1.25; 28th, Iowa City, Burkley, B. .50, D. .75, S. .50, L. 1.25; 29th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.25; 30th, Iowa City, Burkley, B. .60, S. .50, L. 1.25; 31st, Iowa City to Des Moines 2.41, Des Moines to Ames .72, Iowa City, Burkley, B. .50, Des Moines, Evans, D. .55, S. .50, Ames, Ames Hotel, L. .50, Iowa City bus .25, street car Des Moines .10, street car Ames .10	\$ 102.78
June 1st,	Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, street car, Ames, .20; 2d, Ames to Cedar Rapids, 2.14, Cedar Rapids to Marion, .12, Ames, Ames Hotel, B. .50, C. & N. W. dining car, D. .85, Cedar Rapids, Montrose, S. .65, Marion, Daniels, L. .50,	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	street car Ames .20, chair car Ames to Cedar Rapids (coach seats all occupied), .75; 3d, Marion to Sabula, 1.74, Marion Ry. lunch counter, B. .35, baggage, .10; 5th Sabula to Cedar Rapids, 1.86, Cedar Rapids, Cafe, S. .40, Montrose, L. 1.50; 6th, Cedar Rapids to Iowa City, 7th trip; Cedar Rapids, Montrose, B. .50, Iowa City, Burkley, D. .50, S. .50, L. 1.00, bus, Iowa City, .25; 7th, Iowa City to Des Moines, 2.41, Iowa City, Burkley, B. .50, D. .60, Des Moines, Savery, S. .65, Gray, L. .75, street car, Iowa City, .05, street car, Des Moines, .10; 8th, Des Moines to Campus, .68, Ames to Des Moines .72, Des Moines, Evans, B. .50, Ames Ry. Cafe, D. .50, Des Moines, Mrs. Rose, S. .50, Gray, L. .75, street car, Ames, .15, street car, Des Moines, .15; 9th, Des Moines to Iowa City, 2.41, C. R. I. & P. dining car, B. .85, Iowa City, Burkley, D. .50, S. .50, L. 1.00, street car, Des Moines, .10, street car, Iowa City, .05; 10th, Iowa City to Cedar Rapids, 8th trip; Cedar Rapids to Sabula, 1.86, Iowa City, Burkley, B. .50, D. .50, Cedar Rapids, Montrose, S. .50; 12th, Sabula to Cedar Rapids, 1.86, Cedar Rapids, Montrose, D. .60, S. .75, L. 2.00; 14th, Cedar Rapids to Iowa City, (round trip), 1.15, Iowa City, Burkley, S. .50; 15th, Cedar Rapids to Ames 2.14, Cedar Rapids, Montrose, D. .50, Ames, Ames Hotel, S. .50, L. .50, street car, Ames, .10; 16th, Ames, Ames Hotel, B. .50, S. .50, L. .50, Cafe, D. .35, street car, Ames, .20; 17th, Ames to Cedar Rapids, 2.14, Cedar Rapids to Sabula, 1.86, Ames, Ames Hotel, B. .50, C. & N.-W. dining car, D. 1.00, Cedar Rapids, Cafe, S. .35, street car, Ames, .10; 18th, telephone, Mr. Boyd, Sabula to Cedar Rapids, .50; 21st, Sabula to Cedar Rapids, 1.86, Cedar Rapids, Cafe, S. .35, Cedar Rapids, Montrose, L. 1.50; 22d, Cedar Rapids to Ames, 2.14, Cedar Rapids, Cafe, B. .50, Ames, Ames Hotel, D. .50, S. .50, L. .50, street car, Ames, .30; 23d, Ames to Cedar Rapids, 2.14, Cedar Rapids to Iowa City, 9th trip; Ames, Ames Hotel, B. .50, C. & N.-W. dining car, D. 1.00, Iowa City, Burkley, S. .50, L. 1.25, street car, Ames, .10; 24th, Iowa City to Cedar Rapids, 10th trip; Cedar Rapids to Sabula, 1.86, Iowa City, Burkley, B. .50, D. .50, Marion Cafe, S. .30, express, .25; 27th, Sabula to Dubuque, .88, Dubuque to Cedar Falls, 2.00, Dubuque, Cafe, S. .40, Cedar Falls, Burr Hotel, L. .50, bus at Cedar Falls, .25; 28th, Cedar Falls, Burr Hotel, B. .50, S. .50, L. .50, College Tea Room, D. .50, street car, Cedar Falls, .20; 29th, Cedar Falls, to Cedar Rapids, 1.17, Cedar Rapids to Iowa City, .65, Cedar Falls, Burr Hotel, B. .50, Iowa City, Burkley, D. .50, S. .50, L. 1.25; 30th, Iowa City to Davenport, 1.08, Davenport to Iowa City, 1.08, Iowa City to Cedar Rapids, .65, C. R. I. & P. dining car, B. .85, Iowa City, Burkley, S. .50, Cedar Rapids, Montrose, L. 1.50, bus, Iowa City, .25, parlor car Davenport to Iowa City (no vacant seat in coaches), .25	\$ 87.50
July 1st,	Cedar Rapids to Vinton .47, Vinton to Cedar Rapids .47, Cedar Rapids to Marion, .12, Cedar Rapids, Montrose, B. .50, S. .65, bus at Vinton, .25, baggage, Cedar Rapids, .10; 2d, Marion to Sabula, 1.74, Marion, Railway lunch counter, B. .35; 5th, Sabula to Cedar Rapids 1.86, Cedar Rapids Cafe, S. .35, Montrose, L. 1.50, cab, Cedar Rapids (raining), .25; 6th, Cedar Rapids to Ames, 2.14, Cedar Rapids, Montrose, B. .50, Ames, Ames Hotel, D. .50, S. .50, L. .50, street car, Ames, .30; 7th, Ames to Cedar Rapids, 2.14, mileage book Cedar Rapids and Iowa City Interurban (value 6.50) 5.00, Cedar Rapids to Iowa City, 1st trip; C. & N. W. dining car, B. .85, Iowa City, Burkley, D. .50, S. .50, L. 1.25; 8th, Iowa City to Cedar Rapids, 2d trip; Cedar Rapids to Marion, .12, Marion to Sabula, 1.74, Iowa City, Burkley, B. .50, D. .50, Marion, lunch counter, S. .35; 11th, Sabula to Cedar Rapids, 1.86, Cedar Rapids to Iowa City and return, 1.15, Cedar Rapids, Montrose, D. .60, S. .75, L. 1.50, telephone, C. C. Barnett, .50; 12th, Cedar Rapids to Cedar Falls, 1.17, Cedar Falls to Marshalltown, .59, Cedar Rapids, Montrose, B. .50, Cedar Falls, College Tea House, D. .50, C. G. W. dining car, S. .75, Marshalltown, Pilgrim, L. 1.00, street car, Cedar Falls, .30; 13th, Marshalltown to Ames, .75, Ames, Ames Hotel, B. .50, S. .50, L. .50, street car, Ames, .30; 14th, Ames to Cedar Rapids, 2.14, Cedar Rapids to Iowa City, 3d trip, Iowa City to Davenport 1.08, Ames, Ames Hotel, B. .50, C. & N. W. dining car, D. 1.00, Iowa City, Burkley, S. .50, Davenport, Davenport Hotel, L. 2.00, street car, Ames, .10, bus Davenport, .25; 15th, Davenport to Sabula, 1.03, Davenport, Davenport Hotel, B. .65, D. .75, baggage Davenport .10; 18th, Sabula to Des Moines 4.68, sleeper, Sabula to Des Moines, 1.50; 19th, Des Moines to Ames, .77, Des Moines, Evans Cafe, B. .45, Savery, D. .50, S. .55, Ames,	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Ames Hotel, L. .50, street car Des Moines .20, street car Ames, .10; 20th, Ames to Cedar Rapids, 2.14, Cedar Rapids to Iowa City, round trip, 1.15, Ames, Ames Hotel, B. .50, C. & N. W. dining car, D. .85, Iowa City, Colonial, S. .45, Cedar Rapids, Montrose, L. 1.50, street car, Ames, .10; 21st, Cedar Rapids to Vinton, .47, Vinton to Cedar Rapids, .47, Cedar Rapids, Cafe, B. .50, Montrose, S. .65, L. 1.50; 22d, Cedar Rapids to Iowa City and return 1.15, Cedar Rapids to Sabula, 1.86, Cedar Rapids, Cafe, B. .40, Iowa City, Colonial, D. .45; 25th, Sabula to Madison, Wis., 2.10, Janesville, Cafe, D. .65, Madison Avenue Hotel, S. .50, L. 1.00, telegram to W. R. Boyd, Madison, .40, baggage at Janesville, .10, street car, Madison, .10; 26th, Madison to Chicago, 2.60, Chicago to Ames, 6.65; Madison, Averno Hotel, B. .50, D. .50; Northwestern dining car, S. 1.10; sleeper Chicago to Ames 2.00, street car Madison .20; baggage Chicago .10; street car Chicago .10; 27th, Ames to Des Moines, .72; Des Moines to Iowa City, 2.41; Ames, Ry. Cafe, B. .50; Des Moines, Savery, D. .50; Iowa City, Colonial, S. .45, Burkley, L. 1.25; street car, Ames, .10; street car, Des Moines, .10; street car, Iowa City, .05; 28th, Iowa City to Cedar Rapids, 4th trip; Iowa City, Burkley, B. .50, D. .50, S. .50; Cedar Rapids, Montrose, L. 1.00; 29th, Cedar Rapids to Sabula, 1.86; Cedar Rapids, cafe, B. .35, D. .45.	103.70
August 1st,	Sabula to Davenport 1.03; Davenport to Iowa City 1.08; Davenport, Hotel Davenport, D. .50; Iowa City, Colonial, S. .50, Burkley, L. 1.25; street car, Davenport, .05; street car, Iowa City, .05; 2d, Iowa City to Cedar Rapids, 5th trip; Iowa City, Burkley, B. .50, D. .50, S. .50, Cedar Rapids, Montrose, L. 1.50; 3d, Cedar Rapids to Ames, 2.14; Cedar Rapids, Montrose, B. .50; Ames, Railway Cafe, D. .50, S. .50; Ames, Ames Hotel, L. .50; bus at Ames (raining) .10; street car, Ames, .20; 4th, Ames to Des Moines, .72; Des Moines to Campus, .68; Ames, Ames Hotel, B. .50, S. .50, L. .50; Des Moines, cafe, D. .45; street car, Ames, .15; street car fare, Des Moines, .10; 5th, Ames to Des Moines, .72; Des Moines to Sabula, 4.68; Ames, Ames Hotel, B. .50; Des Moines, Savery, D. .50, S. .75; sleeper, Des Moines to Sabula, C. M. & St. Paul, 1.50; street car, Ames .10; 8th, Sabula to Cedar Rapids 1.86, Cedar Rapids Cafe, S. .35, Montrose, L. 1.50; 9th, Cedar Rapids to Iowa City, 6th trip; Iowa City to Cedar Rapids, 7th trip; Cedar Rapids to Cedar Falls, 1.17; Iowa City, Burkley, B. .50, D. .50; Cedar Falls, Burr, S. .50, L. .50; street car, Cedar Falls, .10; 10th, Cedar Falls to Waterloo, .12; Waterloo to Marshalltown, .94; Cedar Falls, Burr, B. .50; C. G. W. dining car, S. .85; Marshalltown, Stoddard, L. .75; street car, Cedar Falls, .10; chair car Waterloo to Marshalltown, .25, (all seats and standing room in coaches taken); 11th, Marshalltown to Ames, .75; Ames to Cedar Rapids, 2.14; Cedar Rapids to Vinton, .47; Ames, Ames Hotel, B. .50, D. .50; Vinton, Ralyea House, S. .50, L. .50; street car, Ames, .15; bus at Vinton, .25; 12th, Vinton to Cedar Rapids, .47; Cedar Rapids to Iowa City, 8th trip; Iowa City to Cedar Rapids, 9th trip; Cedar Rapids to Sabula, 1.86; Vinton, Ralyea House, B. .50; Iowa City, Colonial, D. .45; Marion, Ry. Lunch Counter, S. .35; baggage at Cedar Rapids .10; 14th, Sabula to Cedar Rapids, 1.86; Cedar Rapids, cafe, S. .35; Montrose, L. 1.50; 15th, Cedar Rapids to Ames, 2.14; Cedar Rapids, Montrose, B. .50; Ames, Ames Hotel, D. .50, S. .50, L. .50; street car, Ames, .20; 16th, Ames to Cedar Rapids, 2.14; Cedar Rapids to Iowa City, 10th trip; Ames, Ames Hotel, B. .50; C. & N. W. dining car, D. .85; Iowa City, Burkley, S. .50, L. 1.25; street car Ames .10; 17th, Iowa City, Colonial, B. .45, S. .50; Burkley, D. .50, L. 1.25; 18th, Iowa City to Davenport 1.08; Davenport to Burlington via steamer .50; Iowa City, Colonial, B. .45; Davenport, Kimball, D. .75; steamer Helen Blair, S. .50, L. .50; baggage Davenport .10; 19th, Burlington to Davenport, steamer .50; steamer, Helen Blair, B. .50, S. .50, L. .50; Burlington Hotel, Burlington, D. .75; 20th, Davenport to Savanna, 1.07; Savanna to Sabula, .15; steamer, Helen Blair, B. .50; Savanna Ry., cafe, D. .35; 21st, Sabula to Cedar Rapids, 1.86; Cedar Rapids to Iowa City, round trip 1.15; Cedar Rapids, cafe, D. .50, S. .35; Montrose, L. 1.50; bus at Cedar Rapids (raining), .25; 22nd, Cedar Rapids to Ames, 2.14; Cedar Rapids, Montrose, B. .45; Ames, Ry. cafe, D. .50; Ames Hotel, S. .50, L. .50; street car, Ames, .20; 23rd, Campus to Des Moines, .68; Des Moines to Ames, .72; Ames, Ames Hotel, B. .50, L. .50; Des Moines, Christie, D. .35; Ames, Green's Cafe, S. .50; street car, Ames, .15; street car, Des Moines, .10; 24th, Ames to Cedar Rapids, 2.14; Cedar Rapids to Vinton, .47; Ames, Ames Hotel, B. .50; C. & N. W. dining car,	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	D. 1.00; Vinton, Ralyea House, S. .50, L. .50; street car, Ames, .10; chair car Ames to Cedar Rapids (seats in coach all taken), .60; 25th, Vinton to Cedar Rapids .47; mileage book C. R. & I. O. Ry. Company, 5.00 (value 6.50); Cedar Rapids to Iowa City, 1st trip; Iowa City to Cedar Rapids, 2nd trip; Cedar Rapids to Marion, .12; Vinton, Ralyea House, B. .50; lunch counter, D. .15; Iowa City, Colonial, S. .75; Marion, Daniels, L. .75; 26th, Marion to Sabula, 1.74; Marion, lunch room, B. .35; 28th, Sabula to Chicago, 2.75; C. M. & St. P. dining car, S. .90; Chicago, LaSalle, L. 3.00; telephone to W. J. McChesney, Sabula to Iowa City, .50; 29th, Chicago, Saratoga cafe, B. .50, S. .90; The Inn, D. .75; La Salle, L. 3.00; street car Chicago .25; 30th, Chicago to Des Moines 7.00; Chicago, Saratoga Cafe, B. .65, D. .75, S. .90; sleeper Chicago to Des Moines 2.00, street car Chicago .30; 31st, Des Moines, Savery, B. .50, S. .65, L. 1.50; Mrs. Newton, D. .50; street car, Des Moines .20	\$ 125.66
September 1st,	Des Moines to Ames, .74, Des Moines Evans Cafe, B. .45, Ames, Ames Hotel, D. .50, S. .50, L. .50, street car, Ames, .30 2d, Ames to Cedar Rapids, 2.14, Cedar Rapids to Sabula, 1.86 Ames, Ames Hotel, B. .50, C. & N.-W. Dining Car, D. .75, Marion, Ry. Cafe, S. .30, street car Ames, .10; 4th, Sabula to Des Moines, 4.68, sleeper Sabula to Des Moines 1.50; 5th, Des Moines to Ames .72, Des Moines, Hartford, B. .40, Christie, D. .50, Ames, Ames Hotel, L. .50, S. .50, street car Des Moines .15, street car Ames .10; 6th, Ames to Cedar Rapids 2.14, Cedar Rapids to Vinton .47, Ames, Ames Hotel, B. .50, C. & N.-W. dining car, D. .85, street car Ames .15, chair car Ames to Cedar Rapids (all seats in coaches occupied), .60; 7th, Vinton to Cedar Rapids .47, Cedar Rapids to Iowa City, 3d trip; Cedar Rapids, Montrose, S. .95, Iowa City, Burkley, L. 1.25; 8th, Iowa City to Cedar Rapids, 4th trip, Iowa City, Burkley, B. .50, Colonial, D. .45, S. .60, Cedar Rapids, Montrose, L. 1.50; 9th, Cedar Rapids to Sabula 1.86 Cedar Rapids, Delevan, B. .40, D. .50, Marion, Ry. lunch, S. .30 (at home one week on account of sickness in family); 11th, telegram, W. R. Boyd, Cedar Falls, .40; 13th, telegram, W. R. Boyd, Ames, .46; 18th, Sabula to Cedar Rapids, 1.86, Cedar Rapids to Iowa City, 5th trip, Iowa City, Colonial, D. .45, Burkley, S. .50, L. 1.25; 19th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.25; 20th, Iowa City to Cedar Rapids, 6th trip; Cedar Rapids to Ames, 2.14, Iowa City, Burkley, B. .50, D. .50, Ames, Ames Hotel, S. .50, L. .50, street car, Ames, .20; 21st, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, street car, Ames, .30; 22d, Ames to Cedar Rapids, 2.14, Cedar Rapids to Iowa City, 7th trip, Ames, Ames Hotel, B. .50, C. & N. W. dining car, D. .85, Iowa City, Burkley, S. .50, L. 1.25, street car Ames, .10; 23d, Iowa City to Cedar Rapids, 8th trip; Iowa City, Burkley, B. .50, D. .50, Marion Ry. Cafe, S. .35, Cedar Rapids to Sabula, 1.86; 25th, Sabula to Dubuque, .88, Dubuque Cafe, S. .35, Julien, L. 1.00, telegram W. R. Boyd, Dubuque to Cedar Falls, .25; 26th, Dubuque to Cedar Falls 2.00, Cedar Falls to Vinton .70, Illinois Central dining car, B. .75, Cedar Falls, Burr Hotel, D. .50, street car Cedar Falls, .20; 27th, Vinton to Cedar Rapids, .47, Cedar Rapids to Iowa City, 9th trip; Iowa City to Cedar Rapids, 10th trip; Cedar Rapids to Ames, 2.14, Iowa City, Colonial, D. .50, Ames, Ames Hotel, S. .50, L. .50, telephone, H. H. Searley, Cedar Rapids to Cedar Falls .40, street car Ames .10; 28th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, street car, Ames, .30; 29th, Ames to Cedar Rapids, 2.14, Cedar Rapids to Sabula, 1.86, Ames, Ames Hotel, B. .50, Cedar Rapids, Delevan, B. .45, Marion Ry. Cafe, S. .35, street car, Ames, .10; 30th, Sabula to New York and return, 35.50, Sabula to Savanna on ferry boat, .15, C. M. & St. P. dining car, S. .85, Chicago, Great Northern, L. 2.50, cab at Chicago (raining), .50	\$ 112.45
October 1st,	Chicago, Great Northern, B. .80, D. 1.00, S. .85, sleeping car Chicago to Columbus, 2.00, street car, Chicago, .20, bus, Chicago (raining), .50; 2d, Columbus, Nell Hotel, S. .75, sleeper, Columbus to Pittsburg, 1.75, street car Columbus, .20, baggage, .10; 3d, Pittsburg, Pitt Hotel, B. .90, sleeper, Pittsburg to Philadelphia, 2.00, baggage at Columbus, .05, street car, Columbus, .25; 4th Philadelphia, St. James, B. .95, Pennsylvania dining car, S. 1.25, New York, Woodstock, L. 3.00, baggage at Philadelphia .10, street car, Philadelphia, .25; 5th, New York to Boston, via. Fall River, 4.00, New York Cafe, B. .70, D. .90, steamer Priscilla, S. 1.10, L. 2.00, street car, New York, .35; 6th, Steamer Priscilla, B. .90, Boston, The Nottingham, S. 1.10, L. 2.25, street car, Boston .30; 7th, Boston to	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	New York 6.75, Boston, Cafe, B. .55, dining car N. Y. N. H. & H., D. 1.25, New York, Cafe, S. .65, Herald Square, L. 2.25, street car, New York .30, street car Boston .10; 8th, New York to Chicago, excess fare on excursion ticket 5.00, New York Cafe, B. .60, Pennsylvania dining car, D. 1.15, S. 1.25, sleeper New York to Chicago 5.00, street car New York .20; 9th, Pennsylvania dining car, B. 1.00, C. M. & St. P. dining car, S. .95, street car Chicago .20, bus at Chicago (raining) .50, baggage, Chicago, .10; 10th, Sabula to Dubuque (paid on train), .98, Dubuque to Cedar Falls 2.00, Dubuque, cafe, S. .50, Cedar Falls, bus (night), .25; 11th, Cedar Falls to Marshalltown, .90, Cedar Falls, Burr Hotel, B. .50, D. .50, C. & Gt. W. dining car, S. .90, Marshalltown, Pilgrim, L. .75, street car, Cedar Falls, .20, bus, Marshalltown (night) .25; 12th, Marshalltown to Ames, .75, Ames, Ry. Cafe, B. .50, Ames Hotel, D. .50, S. .50, L. .50, street car, Ames .30; 13th, Ames to Cedar Rapids, 2.14, Cedar Rapids to Sabula, 1.86, Ames, Ames Hotel, B. .50, Northwestern dining car, D. .85, Marion, Ry. lunch, S. .35, street car, Ames, .10; 16th, Sabula to Cedar Rapids, 1.86, Cedar Rapids to Ames, 2.14, Cedar Rapids, cafe, D. .50, S. .40, Ames, Ames Hotel, L. .50; 17th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, street car, Ames, .30; 18th, Ames to Cedar Rapids, 2.14, mileage book Cedar Rapids and Iowa City Ry. Co., 5.00, (value 6.50), Cedar Rapids to Iowa City, 1st trip; Ames, Ames Hotel, B. .50, D. .50, Cedar Rapids, Montrose, S. .65, Iowa City, Burkley, L. 1.00; 19th, Iowa City, Burkley, D. .50, S. .50, L. 1.00, cafe, B. .40; 20th, Iowa City to Cedar Rapids, 2d trip; Iowa City, Merchants, B. .40, Colonial, D. .50, S. .45, Cedar Rapids, Montrose, L. 1.50; 21st, Cedar Rapids to Sabula, 1.86, Cedar Rapids Cafe, B. .35, D. .45; 23d, telephone, W. R. Boyd, .50; 24th, Sabula to Cedar Rapids 1.86, Cedar Rapids, Cafe, S. .40, Montrose, L. 2.00; 25th, Cedar Rapids to Vinton, .47, Vinton to Cedar Rapids, .47, Cedar Rapids, Cafe, B. .40, Delevan, S. .45, Montrose, L. 1.50, bus at Vinton, .25; 26th, Cedar Rapids to Ames, 2.14, Ames to Des Moines, .74, Northwestern dining car, B. .75, Ames, Ames Hotel, D. .50, Des Moines, Savery, S. .65, L. 1.50, street car, Ames, .20; 27th, Des Moines to Iowa City 2.41, Des Moines, Evans, B. .45, Rock Island dining car, D. 1.00, Iowa City, Colonial, S. .45, Burkley, L. 1.25, street car Des Moines, .15, street car Iowa City, .05; 28th, Iowa City Cedar Rapids, 3d trip; Cedar Rapids to Sabula, 1.86, Iowa City, Burkley, B. .50, D. .50, Marion, Ry Cafe, S. .35; 30th, Sabula to Des Moines, 4.68, C. M. & St. P. sleeper, 1.50, Sabula to Des Moines; 31st, Des Moines to Ames .72, Des Moines, Savery, B. .50, Evans, D. .55, Ames, Ames Hotel, S. .50, L. .50, street car, Ames, .10.-----	133.87
November 1st,	Ames, Ames Hotel, B. .50, S. .50, L. .50, street car fare, Ames, .25; 2d, Ames to Cedar Rapids, 2.14, Cedar Rapids to Iowa City, 4th trip, Ames, Ames Hotel, B. .50, D. .50, Cedar Rapids, Montrose, S. .60, Iowa City, Burkley, L. 1.25, chair car Ames to Cedar Rapids (all seats in coach taken), .50; 3d, Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Marion .12, Iowa City, Colonial, B. .40, Burkley, D. .50, University Commons, S. .30, Marion, Daniels, L. .50, baggage checked, Cedar Rapids, .10; 4th, Marion to Sabula, 1.74, Marion, Ry. Cafe, B. .40; 6th, Sabula to Cedar Rapids, 1.86, Cedar Rapids, Cafe, S. .35, Allison Hotel, L. 1.50; 7th, Cedar Rapids to Ames 2.14, Cedar Rapids, Allison, B. .50, Ames, Ames Hotel, D. .50, S. .50, L. .50, street car .30; 8th, Ames to Des Moines .72, Des Moines to Chicago 7.00, Ames, Ames Hotel, B. .50, D. .50, Des Moines, Savery, S. .60, C. & N. W. sleeper to Chicago 2.00, street car fare, Ames, .10, street car fare, Des Moines, .20; 9th, Chicago, Cafe, B. .65, D. .75, Sherman House, S. 1.00, L. 2.50, street car, fare Chicago .40, baggage Chicago .10; 10th, Chicago to Sabula 2.75, Chicago Sherman House, B. .65, D. .90, C. M. & St. P. dining car, S. .85, street car, Chicago, .30, baggage at Chicago, .10; 19th, Sabula to Chicago, 2.75 C. M. & St. P. dining car, S. .85, Chicago, Sherman House, L. 3.00, street car, Chicago, .05; 20th, Chicago to Des Moines, 7.00, Chicago, Sherman House, B. .65, D. .85, S. 1.25, street car, Chicago, .35, sleeper, Chicago to Des Moines, 2.00; 21st, Des Moines to Ames, .72; Des Moines, Christie, B. .40, D. .50; Ames, Ames Hotel, S. .50, L. .50, street car Des Moines .10, street car Ames .20; 22d, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, street car, Ames, .30; 23d, Ames to Cedar Rapids, 2.14, Ames, Ames Hotel, B. .50, D. .50, Cedar Rapids, Montrose, S. .60, L. 1.50, street car, Ames, .20; 24th, Cedar Rapids to Cedar Falls, 1.17, Cedar Falls to Vinton, .70, Cedar Rapids, Cafe, B. .40, Cedar Falls, Burr, D. .50, street car, Cedar Falls, .20; 25th, Vinton to Cedar Rapids, .47, Cedar Rapids to Sabula, 1.86, Cedar Rapids, Montrose, D. .60.	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>Marion, Ry. Cafe, S. .35; 26th, Sabula to Des Moines 4.68, sleeper Sabula to Des Moines 1.50; 27th, Des Moines to Ames .72, Des Moines to Ames .72, Des Moines, Boekenhoff's, B. .50, D. .50, Ames, Ames Hotel, S. .50, L. .50, street car Des Moines .15, street car Ames, .15; 28th, Ames to Cedar Rapids, 2.14, Cedar Rapids to Iowa City, 6th trip, Ames, Ames Hotel, B. .50, Ry. Cafe, D. .50, Iowa City, Burkley, S. .50, L. 1.25, street car, Ames, .10; 29th, Iowa City to Cedar Rapids, 7th trip; Cedar Rapids to Sabula, 1.86, Iowa City, Burkley, B. .50, Cedar Rapids, Montrose, D. .60</p>	\$ 94.83
	<p>December 4th, Sabula to Cedar Rapids, 1.86, Cedar Rapids to Iowa City, 8th trip; Iowa City to Cedar Rapids, 9th trip; Cedar Rapids, Montrose, D. .60, Iowa City, Colonial, S. .50, Cedar Rapids, Montrose, L. 1.50; 5th, Cedar Rapids to Cedar Falls, 1.17, Cedar Falls to Cedar Rapids 1.17, Cedar Rapids to Iowa City, 10th trip; mileage book Cedar Rapids and Iowa City Interurban (value \$6.50), 5.00, Cedar Rapids, Montrose, B. .50, Cedar Falls, Burr Hotel, D. .50, Iowa City, Burkley, S. .50, L. 1.25, street car, Cedar Falls, .10; 6th, Iowa City to Cedar Rapids, 1st trip; Cedar Rapids to Chicago, 4.05, Iowa City, Burkley, B. .50, S. .50, sleeper Cedar Rapids to Chicago, 2.00; 7th, Chicago, Brevort, B. .65, S. .85, L. 2.50, telegram, E. W. Stanton, Ames, .80, telegram, J. H. Trewin, Cedar Rapids, .70, street car Chicago .20; 8th, Chicago to Sabula 2.75, Chicago, Brevort, B. .65, C. M. & St. P. dining car, S. .85, street car, Chicago, .30 11th, Sabula to Cedar Rapids 1.86; Cedar Rapids to Vinton .47, Cedar Rapids, Montrose, D. .50; 12th, Vinton to Cedar Falls .70; Cedar Falls to Marshalltown 1.00; Cedar Falls, Burr Hotel, D. .50; Marshalltown, Pilgrim, S. .50, L. 1.00; 13th, Marshalltown to Ames .75, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50; Marshalltown, bus .25, Ames, street car .30; 14th, Ames to Des Moines .72; Ames, Ames Hotel, B. .50, Ames Cafe, D. .25; Des Moines, Evans Cafe, S. .55, Savery, L. 1.50; Ames street car .20, Des Moines street car .10; 15th, Des Moines to Iowa City 2.41, Iowa City to Cedar Rapids, 2d trip, Cedar Rapids to Iowa City, 3d trip; R. I. dining car, B. .75, Iowa City, Union Hotel, D. .30, Burkley, S. .50, L. 1.25, Iowa City street car .05; 16th, Iowa City to Cedar Rapids, 4th trip, Cedar Rapids to Sabula 1.86, Iowa City, Burkley, B. .50, D. .50, Martin, Ry. Cafe, S. .35; 18th, Sabula to Des Moines 4.68, sleeper Sabula to Des Moines 1.50; 19th, Des Moines to Ames .72; Des Moines, Evans Cafe, B. .45, Des Moines, Christie, D. .35, Ames, Ames Hotel, S. .50, L. .50; Des Moines, street car .20, Ames, street car .20; 20th, Ames to Cedar Rapids 2.14, Cedar Rapids to Iowa City, 5th trip; Ames, Ames Hotel, B. .50, C. & N. W. dining car, D. .85, Iowa City, Burkley, S. .50, L. 1.25; Ames, street car fare .10, parlor car Ames to Cedar Rapids, coach seats all taken .60; 21st, Iowa City to Cedar Rapids, 6th trip, Cedar Rapids to Vinton .47; Iowa City, Union, B. .30, Cedar Rapids, Montrose, D. .75; 22d, Vinton to Cedar Rapids .47, Cedar Rapids to Iowa City, 7th trip, Iowa City to Cedar Rapids 8th trip; Iowa City, Burkley, D. .50, Union, S. .30, Cedar Rapids, Montrose, L. 1.50; 23d, Cedar Rapids to Sabula 1.86; Cedar Rapids, Cafe, B. .35; 26th, Sabula to Sioux City 7.53; sleeper to Sioux City 2.00; 27th, Sioux City to Ames 3.77; C. M. & St. P. dining car, B. .75, C. & N. W. dining car, S. .85, Ames, Ames Hotel, L. .50, parlor car, seats in coaches all taken .95, Ames bus .10; 28th, Ames to Cedar Rapids 2.14, Cedar Rapids to Iowa City .65; Ames, Ames Hotel, B. .50, Ry. Cafe, D. .50, Cedar Rapids, Cafe, S. .50, Iowa City, Burkley, L. 1.25; Ames, street car .10; 29th, Iowa City to Cedar Rapids .65, Cedar Rapids to Sabula 1.86; Iowa City, Burkley, B. .50, D. .50, Marion, Ry. Cafe, S. .35</p>	\$ 101.71
1912	<p>Jan. 2d, Sabula to Cedar Rapids 1.86; Cedar Rapids to Des Moines 2.88; Cedar Rapids, Montrose, D. .60; Des Moines, Savery, S. .70, L. 1.50; street car Des Moines .10; 3d, Des Moines, Savery, B. .50, D. .60, S. .95, L. 1.50, street car Des Moines .20; 4th, Des Moines to Ames .72; Kelley to Ames .12; Des Moines, Christie, B. .40, Alleman, D. .35; Ames, Ames Hotel, S. .50, L. .50; street car Ames .10, street car Des Moines .10; 5th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50; street car Ames .20; 6th, Ames to Cedar Rapids 2.14; Cedar Rapids to Iowa City, 9th trip; Iowa City to Cedar Rapids, 10th trip; Cedar Rapids to Sabula 1.86; Ames, Ames Hotel, B. .50, Cedar Rapids, Delevan, D. .55; Marion, Ry. Cafe, S. .35; 8th, Sabula to Davenport 1.03; Davenport to Iowa City 1.08; Clinton Cafe, D. .50; Iowa City, Burkley, S. .50, L. 1.25; telephone George T. Baker, Clinton to Davenport .25, baggage at Davenport .10, street car Iowa City .05; 9th, mileage book Cedar Rapids & Iowa City Interurban (value 6.50) 5.00;</p>	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Iowa City to Cedar Rapids, 1st trip; Cedar Rapids to Vinton .47; Iowa City, Colonial, B. .45, D. .50; Cedar Rapids, Ry. Cafe, S. .30; 10th, Vinton to Cedar Falls .47; Cedar Falls to Marshalltown 1.00; Vinton, lunch counter, B. .15; Cedar Falls, Oxford Cafe, D. .50; C. & G. W. dining car, S. 1.00; Marshalltown, Pilgrim, S. .75; street car Cedar Falls .10; 11th, Marshalltown to Ames .75; Ames to Des Moines .74; Des Moines to Ames .74; Marshalltown, Pilgrim, B. .50; Ames, Ry. Cafe, D. .45, S. .50; Ames, Ames Hotel, L. .50; bus at Marshalltown .25, street car Ames .20; street car Des Moines .05; 12th, Ames to Cedar Rapids 2.14; Ames, Ames Hotel, B. .50, D. .50; C. & N. W. dining car, S. .85; Cedar Rapids, Montrose, L. 1.50, street car Ames .10; 13th, Cedar Rapids to Sabula 1.86; Cedar Rapids Cafe, B. .40, D. .45; 15th, Sabula to Cedar Rapids 1.86, Cedar Rapids Cafe, S. .40, Montrose, L. 1.50; 16th, Cedar Rapids to Iowa City, 2d trip; Iowa City, Burkley, B. .40, S. .50, L. 1.25; Iowa Union, D. .30; 17th, Iowa City to Cedar Rapids, 3d trip; Cedar Rapids to Ames 2.14; Iowa City, Colonial, B. .40, D. .45; Ames, Ames Hotel, S. .50, L. .50; street car Ames .10; 18th, Ames, Ames Hotel, B. .50, S. .50, L. .50, Ry. Cafe, D. .50, street car Ames .30; 19th, Ames to Cedar Rapids 2.14; Ames, Ames Hotel, B. .50, Ry. Cafe, D. .50; Cedar Rapids, Bismark Cafe, S. .50, Montrose, L. 1.50; street car Ames .10; 20th, Cedar Rapids to Sabula 1.86; Cedar Rapids Cafe, B. .45, D. .40; 23rd, Sabula to Cedar Rapids 1.86; Cedar Rapids to Ames 2.14; Cedar Rapids, Montrose, D. .60; Ames, Ames Hotel, S. .50, L. .50; street car Ames .10; 24th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50; street car Ames .30; telephone A. B. Funk, Spirit Lake .75; 25th, Ames to Cedar Rapids 2.14; Cedar Rapids to Iowa City and return 1.15; Cedar Rapids to Marion .12; Marion to Sabula 1.74; Ames, Ames Hotel, B. .50, Iowa City, Burkley, D. .50, Cedar Rapids, Delevan, S. .50, telegram D. D. Murphy, West Union .25; 27th, Sabula to Chicago 2.75; Savanna, Depot Cafe, S. .50; Chicago, Great Northern, L. 2.50; street car Chicago .05; 28th, Chicago to New York, on Manhattan Limited 26.00; Chicago, Great Northern B. .65; Pennsylvania dining car, D. 1.30, S. 1.25; sleeper Chicago to New York 5.00; taxicab Chicago .50; 29th, Pennsylvania dining car, B. .60; New York Cafe, D. 1.25, S. 1.15; Herald Square Hotel, L. 3.00; street car New York .20; telephone .30; 30th, New York to Chicago via Washington 18.00; New York, cafe, B. .75, D. 1.10, S. 1.15; sleeper New York to Washington 2.00, street car New York .25; 31st, Washington, D. C., Hamilton, B. .75, D. .75, S. .75, L. 2.00; street car Washington .30	\$ 161.51
Feb. 1st,	Washington, D. C., Hamilton, B. .75, Shoreham, D. 1.00, S. 1.20, L. 3.00, street car Washington .25; 2d, Washington Cafe, B. .75, D. 1.00; B. & O. dining car, S. 1.10, sleeper Washington to Chicago 4.50; street car fare Washington .30; 3d, Chicago to Sabula 2.75, B. & O. dining car, B. .85, Chicago, Mil. & St. Paul dining car, D. 1.00; Savanna Ry. Cafe, S. .60; street car Chicago .20; cab Chicago .50; 4th, Sabula to Des Moines 4.68; sleeper, Sabula to Des Moines 1.50; 5th, Des Moines, Cafe, B. .45, D. .35; Gray's, S. .50, L. .75, street car fare Des Moines .25; 6th, Des Moines to Ames .74; Des Moines, Gray, B. .35; Ames Cafe, D. .40, S. .40; Ames, Ames Hotel, L. .50; street car Des Moines .10, street car Ames .20; 7th, Ames to Des Moines .74; Ames, Ames Hotel, B. .50, D. .50, S. .50, Des Moines, Gray, L. .75, street car Ames .20; street car Des Moines .10; 8th, Des Moines, Cafe, B. .35, D. .35; Gray, S. .50, L. .75; street car Des Moines .20; 9th, Des Moines to Iowa City 2.41; Des Moines, Christie, B. .35; Rock Island dining car, D. .95; Iowa City, Burkley, S. .50, L. 1.25; street car fare Des Moines .20; bus at Iowa City .25; 10th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.25; 11th, Iowa City to Cedar Rapids, 4th trip; Iowa City, Burkley, B. .50; Cedar Rapids, Delavan, D. .75; Montrose, S. .75, L. 1.50; 12th, Cedar Rapids to Cedar Falls 1.17; Cedar Falls to Des Moines 2.16; Cedar Rapids, Cafe, B. .40; Cedar Falls, Burr Hotel, D. .50; Chicago and Great Western dining car, S. .70; Des Moines, Chamberlain, L. 1.50; street car Des Moines .10; chair car Cedar Falls to Des Moines (no vacant seats in coaches) .35; 13th, Des Moines, Chamberlain, B. .65, S. .75; Grays, L. .75; street car Des Moines .30; 14th, Des Moines to Ames .74; Des Moines, Hartford, B. .40; Ames, cafe, D. .40; Ames Hotel, S. .50, L. .50; street car Des Moines .10; street car Ames .20; 15th, Ames to Des Moines .74, Ames, Ames Hotel, B. .50; Alumni Cafe, D. .25; Ry. cafe, S. .50; Des Moines, Gray, L. .75; street car fare Ames .10; street car fare Des Moines .10; 16th, Des Moines to Iowa City 2.41; Des Moines, Gray, B. .25; Rock Island dining car, D. .95; Iowa	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>City, Burkley, S. .50, L. 1.25; street car fare Des Moines .15; street car fare Iowa City .05; 17th, Iowa City to Cedar Rapids, 5th trip; Cedar Rapids to Sabula 1.86; Iowa City, Burkley, B. .50, Cedar Rapids, Montrose, D. .50; 19th, Sabula to Cedar Rapids 1.86; Cedar Rapids to Iowa City, 6th trip; Cedar Rapids, Montrose, D. .50; Iowa City, Burkley, S. .50, L. 1.25; 20th, Iowa City to Des Moines 2.41; Iowa City, Burkley, B. .50, D. .50, Des Moines, Grays, S. .50, L. .75; chair car Iowa City to Des Moines (coach seats all taken) .55; bus Iowa City .25; street car Des Moines .10; 21st, Des Moines to Ames, 1st trip; (500 mile ticket on Ft. Dodge, Des Moines & Southern 7.50); Des Moines, Grays, B. .25; Christy, D. .55; Ames, Ry. Cafe, S. .50; Ames Hotel, L. .50; street car fare Des Moines .15; street car fare Ames .10; 22d, Ames, Ames Hotel, B. .50, S. .50, L. .50 cafe, D. .35; street car fare Ames .20; 23rd, Ames to Des Moines, 2d trip; Ames, Ames Hotel, B. .50, D. .50; Des Moines, Cafe, S. .45, Gray, L. .75; street car fare Des Moines .10; street car fare Ames .15; 24th, Des Moines, Gray, B. .25, S. .50, L. .75; Hartford, D. .50, street car Des Moines .20; 25th, Des Moines, Gray, B. .25 L. .75; street car fare .20; 26th, Des Moines to Davenport 3.49; Des Moines, Gray, B. .25; Rock Island dining car, D. .85; S. 1.00; Davenport, Kimball, L. 1.50; Des Moines street car fare .20; 27th, Davenport to Iowa City 1.08; Davenport, Kimball, B. .65; Iowa City, Burkley, D. .50, S. .50, L. 1.25; street car Iowa City .05; 28th, Iowa City to Cedar Rapids, 7th trip; Cedar Rapids to Vinton .47; Iowa City, Burkley, B. .40, D. .50; 29th, Vinton to Cedar Rapids .47; Cedar Rapids to Iowa City, 8th trip; Iowa City to Cedar Rapids, 9th trip; Cedar Rapids to Sabula 1.86; Iowa City, cafe, D. .45, Marion Ry. cafe, S. .35.</p>	\$ 114.99
March 1st,	<p>telegram to Geo. T. Baker, Davenport .25, telegram to Thos. Sloss, Ames .40; 2d, Sabula to Des Moines 4.68; sleeper, Sabula to Des Moines 1.50; 3d, Des Moines, Gray, B. .25, D. .50, S. .25, L. .75; street car Des Moines .10; 4th, Des Moines to Ames .74, Ames to Des Moines, 4th trip; Des Moines, Gray, B. .25, Ames Ry. Cafe, D. .50, Des Moines, Gray, S. .50, L. .75; street car Des Moines .10, street car Ames .10; 5th, Des Moines to Iowa City 2.41; Des Moines, Gray, .25, Rock Island diner, D. .55, Iowa City, Burkley, S. .50, L. 1.25; street car Des Moines .15, Iowa City street car .05; 6th, Iowa City, Burkley, B. .40, D. .50, S. .50, L. 1.25; 7th, Iowa City to Cedar Rapids, 10th trip; Cedar Rapids to Ames 2.14; Iowa City, Burkley, B. .50, D. .50, S. .50, L. .50; street car Ames .10; 8th, Ames to Des Moines .74; Ames, Ames Hotel, B. .50, Ames Cafe, D. .40, Des Moines, Gray, S. .50, L. .75; street car, Ames .20, street car, Des Moines .05; 9th, Des Moines, Hartford, B. .35, Cafe, D. .50, Gray, S. .50, L. .75; street car, Des Moines .20; 10th, Des Moines, Gray, B. .25, D. .50, S. .25, L. .75, street car Des Moines .10; 11th, Des Moines to Cedar Falls 2.16; Des Moines, Gray, B. .25, Cafe, D. .35, C. G. W. dining car, S. .90, Cedar Falls, Burr Hotel, L. .50; street car Des Moines .20, bus at Cedar Falls (snowing) .25; 12th, Cedar Falls to Cedar Rapids 1.17; Cedar Falls, Burr Hotel, B. .50, D. .50, Cedar Rapids, Montrose, S. .75, L. 1.50; street car Cedar Falls, .20; 13th, Cedar Rapids, Montrose, B. .65, D. .65, S. .85, L. 1.50; 14th, Cedar Rapids to Ames 2.14; Cedar Rapids, Montrose, B. .55, Ames Ry. Cafe, D. .50, S. .65, Ames, Ames Hotel, L. .50; Ames street car .20; 15th, Ames to Cedar Rapids 2.14; Ames, Ames Hotel, B. .50, Ames Ry. Cafe, D. .50, S. .50, Cedar Rapids, Montrose, L. 2.00, street car Ames .20; 16th, Cedar Rapids to Iowa City and return 1.15, Cedar Rapids to Sabula 1.86, Iowa City Cafe, B. .35, D. .40, Marion Ry. Cafe, S. .35; 18th, Sabula to Cedar Rapids 1.86, mileage book Cedar Rapids and Iowa City Interurban (value 6.50) 5.00, Cedar Rapids to Iowa City, 1st trip; Cedar Rapids, Delavan, D. .40, Iowa City, Burkley, S. .50, L. 1.25; 19th, Iowa City, Cafe, B. .40, Burkley, D. .50, Merchants, S. .40, L. 1.25; 20th, Iowa City to Des Moines 2.41; Iowa City, Burkley, B. .50, D. .50, R. I. dining car, S. 1.00, Des Moines, Gray, L. .75; Iowa City, bus (storming) .25, chair car (coaches crowded) .55, street car, Des Moines .05; 21st, Des Moines, Gray, B. .25, S. .25, L. .75, Cafe, D. .45; street car Des Moines .20; 22d, Des Moines to Ames, 5th trip; Des Moines, Gray, B. .25, Ames Ry. cafe, D. .50, Ames Hotel, S. .50, L. .50; street car, Des Moines .15, street car Ames .10; 23rd, Ames to Des Moines, 6th trip; Ames, Ames Hotel, B. .50, Cafe, D. .45, Des Moines, Gray, S. .50, L. .75; street car Ames .10, street car Des Moines .15, 24th, Des Moines, Gray, B. .25, D. .50, S. .25, L. .75; street car Des Moines .20; 25th, Des Moines, Cafe, B. .35, D. .55, Gray, S. .50, L. .75; street car Des Moines .25; 26th, Des Moines to Iowa City 2.41; Des Moines, Gray, B. .25, Rock</p>	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Island dining car, D. .95, Iowa City, Burkley, S. .50, L. 1.25; street car Des Moines .20, Iowa City street car .05; 27th, Iowa City, Burkley, B. .40, D. .50, S. .50, L. 1.25; 28th, Iowa City to Kinross .72, Kinross to Iowa City .72, Iowa City, cafe, B. .35, S. .65, L. 1.25; team and driver Kinross to Singmaster farm 3.00; 29th, Iowa City to Cedar Rapids, 2nd trip, Cedar Rapids to Ames 2.14; Iowa City, Merchants Hotel, B. .45, D. .40, Ames, Ames Hotel, S. .50, L. .50; street car, Ames .10; 30th, Ames to Des Moines, 7th trip; Ames, Ames Hotel, B. .50, D. .50, Des Moines, Gray, S. .50, L. .75; street car fare Ames .20, street car Des Moines .05; 31st, Des Moines, Gray, B. .25, D. .50, S. .25, L. .75; Des Moines car fare .10	\$ 100.90
April 1st,	Des Moines to Iowa City 2.41; Des Moines Cafe, B. .35, Rock Island dining car, D. .90, Iowa City, Burkley, S. .50, L. 1.25; street car Des Moines .15, street car, Iowa City .05; 2d, Iowa City to Cedar Rapids, 3d trip; Iowa City, Burkley, B. .35, D. .50, Cedar Rapids, Montrose, S. .65, L. 1.50; 3rd, Cedar Rapids to Ames 2.14; Cedar Rapids, Montrose, B. .65, D. .75, Ames, Ames Hotel, S. .50, L. .50; Ames street car .10; 4th, Ames, Ames Hotel, B. .50, Ames Cafe, D. .35, S. .50, L. .50; street car .20; 5th, Ames to Cedar Rapids 2.14, Cedar Rapids to Marion .12, Marion to Sabula 1.74; Ames, Ames Hotel, B. .50, Ry. Cafe, D. .50, Marion Ry. Cafe, S. .35; Ames street car .10; 8th, Sabula to Dubuque .88, Dubuque to Cedar Falls 2.00; Dubuque Cafe, S. .40, Cedar Falls, Burr Hotel, L. .50; bus at Cedar Falls, 1 a. m. .25; 9th, Cedar Falls to Des Moines 2.16; Cedar Falls, Burr Hotel, B. .50, D. .50, Rock Island dining car, S. .90, Des Moines, Chamberlain, L. 1.50; street car Cedar Falls .20; 10th, Des Moines, Boekenhoff's, B. .40, D. .50, Gray, S. .50, L. .75; street car Des Moines .20; 11th, Des Moines to Ames, 8th trip; Des Moines, Christie, B. .50, Ames, Ames Cafe, D. .25, Ames Hotel, S. .50, L. .50; street car Des Moines .10, street car Ames .20; 12th, Ames to Des Moines, 9th trip; Ames, Ames Hotel, B. .50, Ry. Cafe, D. .50, S. .50, Des Moines, Gray, L. .75; street car Ames .20, street car Des Moines .05; 13th, Des Moines, Gray, B. .25, Cafe, D. .40, S. .50, L. .75; Des Moines street car .20; 14th, Des Moines, Gray, B. .25, D. .50, S. .25, L. .75; street car Des Moines .10; 15th, Des Moines to Moravia 1.60, Des Moines Cafe, B. .35, D. .40, S. .50, Gray, Moravia, Moravia Hotel, L. .50; street car Des Moines .25, bus Moravia, midnight .25; 16th, Moravia, Moravia Hotel, B. .50, Unionville, Hotel Vermillion, D. .50, S. .50, L. .50; dinner, supper and lodging for team 1.00; dinner, supper and lodging for man 1.50, (at Unionville, looking up University lands); 17th, Moravia to Ottumwa .53; Unionville, Vermillion Hotel, B. .50, Moravia, Moravia Hotel, D. .50, Ottumwa, Ballingall, S. .50, L. 1.00; breakfast for team and driver, Unionville 1.00; bus at Ottumwa, storming .25; 18th, Ottumwa to Eldon .25, Eldon to Iowa City 1.96; Ottumwa, Ballingall, B. .50, Eldon, Cafe, D. .45, Washington Ry. Cafe, S. .50, Iowa City, Burkley 1.25, street car Ottumwa .15, bus at Iowa city, midnight .25, team and driver, looking up University lands at Eldon 2.00; 19th, Iowa City to Cedar Rapids, 4th trip; Iowa City, Merchants, B. .40, Union, D. .30, Merchants, S. .45, Cedar Rapids, Montrose, L. 1.50; 20th, Cedar Rapids to Sabula 1.86; Cedar Rapids Cafe, B. .35, D. .35; 22d, Sabula to Cedar Rapids 1.86; C. M. & St. P. dining car, S. .80, Cedar Rapids, Montrose, L. 1.50; 23rd, Cedar Rapids to Ames 2.14; Ames to Des Moines, 10th trip; Cedar Rapids, Montrose, B. .50, Ames, Ames Hotel, D. .50, S. .50, Des Moines, Gray, L. .75; street car Ames .15, street car Des Moines .05; 24th, Des Moines, Gray, B. .25, Cafe, D. .35, S. .50, L. .75; street car Des Moines .20; 25th, Des Moines, Gray, B. .25, Savery, D. .50, S. .50, L. .75, Gray, street car Des Moines .20; 26th, Des Moines to Iowa City 2.41; Des Moines, Gray, B. .25, Rock Island dining car, D. .85, Iowa City, Burkley, S. .50, L. 1.25, street car Des Moines .15; 27th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.25; 28th, Iowa City, Burkley, B. .50, D. .75, S. .50, L. 1.25; 29th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.25; 30th, Iowa City to Des Moines 2.41; Iowa City, Burkley, B. .50, D. .50; Des Moines, Boekenhoff's, S. .40, Gray, L. .75; street car Des Moines .15	\$ 98.16
May 1st,	Des Moines to Ames, 11th trip; Ames to Des Moines, 12th trip; Des Moines, Boekenhoff's, B. .40, D. .50, S. .50, Gray, L. .75; street car fare Des Moines .20; street car fare Ames .05; 2d, Des Moines to Iowa City 2.41; Des Moines, Boekenhoff's, B. .40, Grinnell, lunch on train .50; Iowa City, Burkley, L. 1.25; street car fare Des Moines .20; street car fare Iowa City .05; 3rd, Iowa City	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	to Cedar Rapids, 5th trip; Cedar Rapids to Sabula 1.86; Iowa City, Burkley, B. .50, D. .50; Marion Ry. Cafe, D. .35; 5th, Sabula to Davenport, via Savanna 1.22; Clinton Ry. lunch, D. .35; 6th, Davenport to Iowa City 1.08; Iowa City, Burkley, D. .50, S. .50, L. 1.25; bus at Iowa City .25; 7th, Iowa City to Des Moines 2.41; Des Moines to Ames, 13th trip; Iowa City, Burkley, B. .40; Des Moines, Boekenhoff's, D. .45; Ames, Ames Hotel, S. .50, L. .50; street car fare Des Moines .20; 8th, Ames, Ames Hotel, B. .50, S. .50, L. .50, Ry. cafe, D. .50; street car fare Ames .30; 9th, Ames to Cedar Rapids 2.14; Cedar Rapids to Vinton .47; Ames, Ames Hotel, B. .50; Northwestern dining car, D. .75; street car fare Ames .10; 10th, Vinton to Cedar Falls .70; Cedar Falls to Cedar Rapids 1.13; Cedar Rapids, Montrose, S. .75, L. 1.50; street car Cedar Falls .10; 11th, Cedar Rapids to Sabula 1.86; Cedar Rapids Cafe, B. .35, D. .50; 12th, Sabula to Davenport 1.22, via Savanna; Davenport to Iowa City 1.08; Clinton, lunch on train .50; Davenport, Hotel Davenport, S. .50; Iowa City, Burkley, L. 1.25; Iowa City, bus, midnight .25; 13th, Iowa City to Des Moines 2.41; Iowa City, Burkley, B. .50, Des Moines, Boekenhoff's, S. .50; Gray, lodging .75; street car Des Moines .20; 14th, Des Moines to Ames, 14th trip; Des Moines, Boekenhoff's, B. .40, D. .50; Ames, Ames Hotel, S. .50, L. .50; street car Des Moines .15; street car Ames .20; 15th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50; street car Ames .30; 16th, Ames to Des Moines .74; Ames, Ames Hotel, B. .50, D. .50; Des Moines, Gray, S. .50, L. .75; street car Ames .15, street car Des Moines .10; 17th, Des Moines, Boekenhoff's, B. .45, D. .50; Gray, S. .50, L. .75; street car Des Moines .20; 18th, Des Moines, Boekenhoff's, B. .40, D. .50; Gray, S. .50, L. .75; street car fare Des Moines .20; 19th, Des Moines, Gray, B. .25, S. .50, L. .75; Colfax, Hotel Colfax, D. 1.00, street car Des Moines .10; 20th, Des Moines to Iowa City 2.41; Des Moines, Boekenhoff's, B. .40, D. .50, lunch on train .50, Iowa City, Burkley, L. 1.25; street car Des Moines .20; bus at Iowa City, night .25; 21st, Iowa City to Des Moines 2.41, Iowa City, Burkley, B. .50, D. .50, Brooklyn Hotel, S. .50, Des Moines, Gray, L. .75; street car Iowa City .05, street car Des Moines .10; 22d, Des Moines to Ames .72; Des Moines, Boekenhoff's, B. .45, Cafe, D. .35; Ames, Ames Hotel, S. .50, L. .50, street car Des Moines .10; street car Ames .15; 23rd, Ames to Cedar Rapids 2.14, Ames, Ames Hotel, B. .50, S. .50, Cedar Rapids, Montrose, L. 1.50; street car Ames .20; 24th, Cedar Rapids to Marion .12; Marion to Sabula 1.76, Cedar Rapids, Montrose, B. .45, Marion Cafe, D. .35, S. .35; 26th, Sabula to Des Moines 4.68, sleeper, Sabula to Des Moines 1.50; 27th, Des Moines, Boekenhoff's, B. .45, D. .50, Gray, S. .50, L. .75, street car Des Moines .25; 28th, Des Moines, Boekenhoff's, B. .40, D. .40, Gray, S. .50, L. .75, street car Des Moines .20; 29th, Des Moines, Boekenhoff's, B. .40, D. .55, Gray, S. .50, L. .75; street car Des Moines .20; 30th, Des Moines to Colfax .46, Colfax to Iowa City 1.95, Iowa City to Cedar Rapids, 6th trip, Des Moines, Boekenhoff's, B. .40, Colfax, Colfax Hotel, D. 1.00, Iowa City, Cafe, S. .45, Cedar Rapids, Montrose, L. 1.50, street car Des Moines .15, street car Colfax .10, street car Iowa City .05; 31st, Cedar Rapids to Marion .12; Cedar Rapids, Montrose, B. .45, D. .50, S. .75, Marion, Daniels, L. .75.....	100.45
June 1st,	Marion to Sabula 1.76, Marion Ry. Cafe, B. .40; 2d, Sabula to Cedar Rapids 1.88; C. M. & St. P. dining car, S. 75; Cedar Rapids, Montrose, L. 1.50, bus at Sabula (raining) .15; 4th, Cedar Rapids to Vinton .47, Vinton to Cedar Rapids .47, Cedar Rapids to Iowa City, 7th trip, Cedar Rapids, Montrose, B. .45, Iowa City, Merchants, D. .40, S. .50, Iowa City, S. U. I., L. 1.00; 5th, Iowa City to Des Moines 2.41; Iowa City, Burkley, B. .50, D. .50, Des Moines, Savery, S. .65, Gray, L. .75, Iowa City, bus, (raining) .25; street car Des Moines .10; 6th, Des Moines, Boekenhoff, B. .40, D. .50, Gray, S. .50, L. .75; street car fare Des Moines .25; 7th, Des Moines to Campus .68; Des Moines, Boekenhoff, B. .40, Ames, Ames Hotel, D. .50, S. .50, L. .50, Des Moines, street car .10, Ames, street car .20; 8th, Ames to Des Moines .74, Ames, Ames Hotel, B. .50, Des Moines, Kirkwood, D. .75, Gray, S. .50, L. .75; Ames, street car .10, Des Moines, street car .20; 9th, Des Moines to Iowa City 2.41, Des Moines Cafe, B. .35, C. R. I. & P. dining car, D. 1.00, Iowa City Cafe, S. .50, street car Des Moines .15; 13th, Iowa City to Cedar Rapids .65, Cedar Rapids to Sabula 1.86; Cedar Rapids, Montrose, D. .50, S. .50; 16th, Sabula to Clinton, via Savanna .75, Clinton to Ames 3.78, Clinton, Cafe, S. .50, sleeper, Clinton to Ames 1.50, baggage at Clinton .10;	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	17th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, Ames, street car .30; 18th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, Ames, street car .30; 19th, Ames to Des Moines .74, Des Moines to Iowa City 2.41, Ames, Ames Hotel, B. .50, Rock Island dining car, D. 1.00, Iowa City, Burkley, S. .50, Iowa City, S. U. I., L. 1.00, Des Moines, street car .15, Iowa City, street car .05; 20th, Iowa City, Burkley, B. .50, D. .50, S. U. I., S. 50, L. 1.00; 21st, Iowa City to Cedar Rapids, 8th trip; Iowa City, Burkley, B. .50, D. .50, S. .50, Cedar Rapids, Montrose, L. 1.50; 22d, Cedar Rapids to Sabula 1.86, Cedar Rapids, Cafe, S. .40, D. .50; 25th, Sabula to Des Moines 4.68, sleeper, Sabula to Des Moines 1.50; 26th, Des Moines to Ames .74, Des Moines, Boekenhoff, B. .40, Ames Ry. Cafe D. .50, Ames, Ames Hotel, S. .50, L. .50, Ames, street car .25; 27th, Ames to Des Moines .74; Des Moines to Iowa City 2.41, Ames, Ames Hotel, B. .50, Rock Island dining car, D. 1.00, Iowa City, Burkley, S. .50, L. 1.25, Des Moines, street car .15, Iowa City street car .05; 28th, Iowa City to Davenport 1.08, Davenport to Clinton .70, Iowa City, Burkley, B. .50, D. .50, Davenport, Kimball, S. .65, Clinton, Hotel Lafayette, L. 1.50, Iowa City, street car .05, baggage at Davenport .10; 29th, Clinton to Sabula .34, Clinton, Lafayette .50 -----	\$ 79.04
	D. A. EMERY	
1909	Sept. 1st, Iowa City to Cedar Rapids .50, Cedar Rapids to Des Moines 2.88, Iowa City, Burkley, B. .50, D. .50, Cedar Rapids, S. .60, Montrose, sleeper Cedar Rapids to Des Moines 1.50; 6th, D. Y. M. C. A. Cafe Campus .40, S. Y. M. C. A. Campus .35; Des Moines to Campus .51; 7th, Campus to Des Moines .51; 9th, D. dining car, .75, S. Burkley, Iowa City .50, L. 1.00; Des Moines to Iowa City 2.41; 10th, Burkley Imperial, B. .50, D. .50, Grinnell lunch counter, S. .20, Iowa City to Grinnell 1.31, Grinnell to Given .76, Given to Ottumwa .40; 25th, telephone to Mr. Proudfoot, Des Moines .05, stenographer 4.50; 28th, Des Moines to Campus .51, Ames to Des Moines .74; 30th, Des Moines to Iowa City 2.41; dining car D. .70, Burkley Imperial, Iowa City, S. .50, L. 1.00 -----	\$ 27.04
	Oct. 1st, Iowa City to Cedar Rapids .50, Cedar Rapids to Ottumwa 1.81, Iowa City, Burkley, B. .50, D. .50, Montrose, Cedar Rapids, S. .55; 4th, Express to J. H. Trewin .45; 6th, benzine for Neostyle .05; 7th, Des Moines to Ames .74, Campus to Des Moines, Interurban .51; Ames lunch counter, B. .40, Campus Y. M. C. A., D. 50, street car Ames .05; 13th, Des Moines to Campus, Interurban .51, Campus to Des Moines, Interurban .51; 20th, telephone Des Moines .05; 21st, Des Moines to Campus, Interurban .51, Campus to Des Moines, Interurban .51; Campus Y. M. C. A. Cafe, D. .25, S. .25; 22d, telephone Des Moines .05; 27th, Des Moines to Campus, Interurban .51; Campus to Des Moines, Interurban .51, Campus Y. M. C. A. Cafe, D. .30, S. .25; 28th, Freight Loan Records from Ames .66, drayage, Loan Records from Ames .75, express stationery to members of Board 2.01 -----	14.19
	Nov. 1st, Des Moines to Iowa City 2.41; Iowa City, Burkley, S. 50, L. 1.00; 3d, Iowa City to Cedar Rapids .50; Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 4th, Iowa City to Cedar Rapids .50, Iowa City, Burkley, B. .50, D. .50, Cedar Rapids, Montrose, S. .40, L. 1.50, street car Iowa City .10; 5th, Cedar Rapids to Ames, Northwestern 2.14; Cedar Rapids, Montrose, B. .25, Campus Y. M. C. A. Cafe, D. .30, S. .30, street car Ames .05; 6th, Campus to Des Moines Interurban .51; Campus Y. M. C. A. Cafe, D. 25 -----	19.71
	Dec. 9th, Des Moines to Iowa City 2.41, Iowa City to Cedar Rapids, Interurban .50, C. R. I. & P. dining car, D. .70, Cedar Rapids, Montrose Hotel, S. .35, L. 2.00, Notary Commission for Miss Erwin, stenographer for committee 5.00; 10th, Cedar Rapids to Des Moines (Northwestern) 2.88, Cedar Rapids (Montrose) B. .25, D. .40, S. 50, L. 1.50 (sleeper Cedar Rapids to Des Moines); 27th, Notarial Seal for Miss Erwin, stenographer for the committee 2.00 -----	18.40
1910	Jan. 10th, Des Moines to Cedar Falls, Great Western 2.15; D. Great Western dining car .60, Cedar Falls, Burr's Hotel, S. .50, L. .50, street car Cedar Falls .10, telephone to office in Des Moines .05; 11th, Cedar Falls to Des Moines 2.15; Cedar Falls, Burr's Hotel, D. .50; 15th, recording fees for mortgage releases Nos. 771, 776, 782, 798, 813, 817, 841, 853, 901, 902, 908, 913, 914, 920, 927, 928 and 946,	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	at 50 cents each 8.50; 18th, recording fees for mortgage releases Nos. 965, 980, 854, 752, 923 and 998, at 50 cents each 2.00; 23d, recording fees for mortgage releases Nos. 842, 911, and 1008, at 50 cents each 1.50	\$ 19.55
Feb. 2nd,	filling fee satisfaction loan No. 906, .50; 10th, recording fee satisfaction loan No. 790 .50; 15th, Des Moines to Campus (Interurban) .51, Campus to Des Moines (Interurban) .51, Ames, D. .50 (Arlington); 16th, Recording fee Releases, Loans Nos. 570 and 905 1.00; 21st, Ottumwa to Cedar Rapids (C. M. & St. P.) 1.81; North English (restaurant) S. .30, Cedar Rapids, Montrose, L. .1.50, Ottumwa cab .25, telephone North English to Iowa City .30; 23d, Cedar Rapids to Iowa City (Interurban) .50; Cedar Rapids, Montrose B. .25, Iowa City, Burkley, L. .2.00; 23d, Iowa City to Des Moines (C. R. I. & P.) 2.41; Iowa City, Burkley, B. .50	\$ 13.14
Mar. 1st,	Des Moines to Iowa City, R. I. 2.41, Iowa City to Cedar Rapids, Interurban .50, dining car D. .70, Cedar Rapids, Montrose, S. .45, L. .2.00; 2nd, Cedar Rapids, Montrose, B. .25, D. .40, L. 2.00, India ink for signing diplomas .25; 3rd, Cedar Rapids to Ottumwa, C. M. & St. P. 1.81; Cedar Rapids, Montrose, B. .35, D. .40, S. .40; cab, Ottumwa 3 o'clock a. m. .50; 8th, Recording fee release Loan No. 809, .50; 18th, Des Moines to Afton, Q. 1.64; Afton, Commercial, D. .50, Restaurant, S. .30; 21st, Afton to Des Moines, Q. 1.64	\$ 16.80
Apr. 1st,	Des Moines to Campus (Interurban) .51; Ames to Des Moines (Interurban) .54; D. .50 (Y. M. C. A. Cafe Campus); 11th, Ottumwa to Cedar Rapids 1.81; Cedar Rapids, L. 2.50 (Montrose); Cedar Rapids to Cedar Falls 1.17; Cedar Rapids, B. .40, (Montrose), Cedar Falls, S. .50, L. .50 Burr, street car fare .05; 13th, Cedar Falls to Des Moines (Great Western) 2.15; B. .50 (Burr), telegram Mr. Boyd .25; 15th, Des Moines to Campus (Interurban) .51, Campus to Des Moines (Interurban) .56; telephone Mr. Lambert .35; 18th, Ottumwa to Cedar Rapids 1.81; Cedar Rapids, S. .30 (Bismark restaurant) L. 2.50 (Montrose); 19th, Cedar Rapids to Iowa City (Interurban) .50; Cedar Rapids B. 40 (Montrose), Iowa City, D. .50, S. .50, L. 1.00 Burkley; April 20th, Iowa City to Des Moines (Rock Island) 2.41; Iowa City, B. .50, D. .50 Burkley	\$ 23.52
May 10th,	Des Moines to Cedar Falls, Great Western, 2.15, Great Western dining car, D. .85; Cedar Falls, S. .50, L. .50, Burr's Hotel, street car Cedar Falls .10; 11th, Cedar Falls to Des Moines Great Western 2.15; Cedar Falls, B. .50 (Burr's Hotel); 13th, Des Moines to Cedar Rapids, C. & N. W. 2.88, lunch counter, Marshalltown S.35, Cedar Rapids, Montrose, L. .2.50; 14th, Cedar Rapids to Des Moines, C. & N. W. 2.88; Cedar Rapids, Montrose, B. .40, D. .50, N. W. dining car S. .80; 16th, Des Moines to Campus Interurban .51, Campus to Des Moines, Interurban .51; Ames, Y. M. C. A. Cafe, D. .25; 19th, Des Moines to Iowa City (Rock Island) 2.41, R. I. diner, D. .60, Iowa City, Burkley, S. .50, L. .1.00, (meeting of finance committee at Iowa City); 20th, Iowa City to Des Moines (Rock Island) 2.41, Iowa City, Burkley, B. .50, D. .50, R. I. diner, S. .85; 24th, Des Moines to Cedar Falls, Great Western 2.15; Marshalltown, lunch counter, S. .25, Cedar Falls, Burr, L. .50; 25th, Cedar Falls, B. .50, D. .50, S. .50, L. .50 (Burr's Hotel), street car, Cedar Falls .15; 26th, Cedar Falls, Burr Hotel, B. .50, D. .50, S. .50, L. .50, street car, Cedar Falls .25; 27th, Cedar Falls to Des Moines, Great Western 2.15; Cedar Falls, Burr's Hotel B. .50	\$ 27.12
June 2nd,	Des Moines to Campus, Interurban .51, Campus to Des Moines, Interurban .51; Ames Y. M. C. A. Cafe, S. .35; 3rd, Satisfaction of John Whyte, Mortgage No. 748 .50; 6th, Des Moines to Ames, Northwestern .74, street car Ames .05, Ames to Des Moines .74; Ames, Arlington, D. .50; 9th, Des Moines to Cedar Falls, Great Western 2.15; on train, S. .65, Cedar Falls, Burr's Hotel, L. .50; 10th, Cedar Falls to Des Moines, Great Western 2.15; Cedar Falls, Burr's Hotel, B. .50, D. .50, dining car Great Western, S. .45; 14th, Des Moines to Iowa City, R. I. 2.41, Iowa City, Burkley, D. .50, S. .50, L. .75; 15th, Iowa City to Cedar Rapids, Interurban .65; Iowa City, Burkley, B. .50, Cedar Rapids, Delavan, L. .75; 16th, Cedar Rapids to Ames, N. W. 2.14, Ames to Des Moines, N. W. .74; Cedar Rapids, Montrose Cafe, B. .30, Y. M. C. A. Cafe, Ames, D. .25; street car Ames .10; 23th, Des Moines to Campus,	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Interurban .51, Campus to Des Moines, Interurban .51; Campus Y. M. C. A., D. .25	21.66
	July 11th, Des Moines to Cedar Falls (Gt. Western) 2.15, S. on train .35, Cedar Falls, Burr's Hotel, L. .50; 12th, Cedar Falls to Des Moines (Gt. Western) 2.15, Cedar Falls, Burr's Hotel, B. .50, D. .50, diner, S. .60, street car fare Cedar Falls .20, street car fare Des Moines .05; 20th, telegram Holbrook to Boyd .40; 21st, Des Moines to Ames, Northwestern .74; Ames to Des Moines, N. W. .74, Ames, Arlington, D. .50, street car Ames .20, street car Des Moines .05	\$ 9.63
	August 8th, Des Moines to Ames, Northwestern .74, Ames to Des Moines Northwestern .74, street car Ames .10; 10th, Des Moines to Cedar Falls, Gt. Western 2.15, on train, S. .35, Burr's Hotel, Cedar Falls, L. .50; 11th, Cedar Falls to Des Moines, Gt. Western 2.15, Cedar Falls, Burr's Hotel, B. .50, D. .50, on train, S. .95, street car Cedar Falls .10, street car Des Moines .05; 15th, Des Moines to Campus, Interurban .65, Campus to Des Moines .70, Mrs. Sloss, Campus, D. .50, street car Des Moines .05; 18th, Des Moines to Cedar Rapids, Northwestern 2.88, Cedar Rapids, Globe Hotel, L. .50, street car Des Moines .05; 19th, Montrose Hotel, Cedar Rapids, B. .25, D. .50, S. .75, L. 2.00; 20th, Cedar Rapids to Des Moines, Northwestern 2.88, Cedar Rapids, Montrose, B. .25, telephone, Cedar Rapids .05; 31st, Des Moines to Campus, Interurban .60, Campus to Des Moines, Interurban .60, Mrs. Sloss, Campus, D. .50, street car Des Moines .05	\$ 22.59
	Sept. 6th, Des Moines to Iowa City, R. I. 2.41, Iowa City to Cedar Rapids, Interurban .65, Rock Island diner, D. .70, Montrose Hotel, Cedar Rapids, S. .25, L. 2.00, street car Des Moines .05, street car Cedar Rapids .05; 7th, Cedar Rapids, Montrose Hotel, B. .25, D. .50, L. 2.00; 8th, Cedar Rapids to Iowa City, Interurban .65, Iowa City to Des Moines, Rock Island 2.41, Cedar Rapids, Montrose Hotel, B. .25, D. .50, Burkley, Iowa City, S. .50, street car Des Moines .05	\$ 13.22
	Oct. 20th, Iowa City to Des Moines 2.41, Iowa City, Burkley, D. .50, S. .50, hack, Iowa City (raining) .25, hack Des Moines (raining) 1:30 a. m. .50; 26th, Des Moines to Campus (Interurban) .60, Campus to Des Moines (Interurban) .60, Mrs. Sloss, Campus, D. .50, street car Des Moines .05	\$ 5.91
	November 11th, Des Moines to Campus (Interurban) .60, Campus to Des Moines (Interurban) .60, Mrs. Sloss, Campus, D. .50, street car, Des Moines, .10; 15th, Des Moines to Campus (Interurban) .60; Campus to Des Moines (Interurban) .60, Mrs. Sloss, Campus, D. .50, street car Des Moines .10; 21st, Des Moines to Iowa City, C. R. I. & P., 2.41, on train, D. .60, Burkley, Iowa City, S. .50, L. 1.00, street car, Des Moines, .05; 22d, Iowa City to Des Moines, C. R. I. & P. 2.41, Burkley, Iowa City, B. .50, D. .50, on train, S. .85, street car, Des Moines, .05	\$ 12.47
	December 5th, Des Moines to Campus (Interurban) .60, Campus to Des Moines (Interurban) .60, Ames, Ames Hotel, D. .50, street car Des Moines, .10, street car, Ames, .05; 7th, recording fee release loan No. 706, .50; 8th, Des Moines to Cedar Falls, 2.15, on train, S. .70, Burr Hotel, Cedar Falls, L. .50; 9th, Cedar Falls to Des Moines, 2.15, Burr Hotel, Cedar Falls, B. .50, D. .50, on train, S. .80, street car Cedar Falls, .10, street car, Des Moines, .05; 13th, Des Moines to Iowa Falls, 1.52, Iowa Falls, Woods Hotel, S. .50, L. .50, street car Des Moines, .05, hack Iowa Falls, .25; 14th, Iowa Falls to Wellsburg .37, Wellsburg to Reinbeck .38, Reinbeck to Des Moines, 1.74, restaurant, Wellsburg, B. .35, D. .35, on train, S. .60, street car, Des Moines, .05	\$ 16.46
1911	February 9th, Des Moines to Cedar Falls, Great Western, 2.15, on train, S. .60, Cedar Falls, Burr's Hotel, L. .50, street car Des Moines .05; 10th, Cedar Falls to Des Moines 2.15, Burr's Hotel, Cedar Falls, B. .50, D. .50, on train, S. .70, street car, Cedar Falls, .20, street car Des Moines .05, seat in parlor car (no seat in coach obtainable) .35; 22d, express on diplomas .35; 27th, recording of satisfaction of loans Nos. 952-956 and 899, 1.50; 28th, Des Moines to Iowa Falls,	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	St. P. & D. M. 1.52, Wood's Hotel, Iowa Falls, S. .50, L. .50, street car Des Moines .05, hack Iowa Falls .25	\$ 12.42
March 1st,	Iowa Falls to Grundy Center, Rock Island, .57, Grundy Center to Reinbeck, Rock Island, .19, Reinbeck to Des Moines, Great western, 1.74, Grundy Center, Columbia Hotel, B. .50, D. .50, on train, S. .55, street car, Des Moines, .05; 9th, Des Moines to Cedar Falls, Chicago & Great Western 2.15, on train, S. .80, Cedar Falls, Burr Hotel, L. .50, street car, Des Moines, .05; 10th, Cedar Falls to Des Moines, Great Western 2.15, Cedar Falls, Burr's Hotel, B. .50, D. .50, on train, S. .70, street car Cedar Falls .20, street car Des Moines .05; 14th, Des Moines to Campus, Interurban, .60; Campus to Des Moines, .60, street car, Des Moines, .10	\$ 13.00
April 17,	Des Moines to Cedar Falls, Great Western, 2.15, supper, dining car .70, Cedar Falls, Burr's Hotel, L. .50, street car Des Moines .05; 18th, Cedar Falls to Cedar Rapids, Rock Island, 1.17, Cedar Falls, Burr's Hotel, B. .50, Cedar Rapids, Montrose, S. .45, L. 1.50, street car, Cedar Falls, .10; 19th, Cedar Rapids to Iowa City, Interurban, .65, Iowa City to Des Moines, Rock Island, 2.41, Cedar Rapids, Montrose, B. .30, Iowa City, Colonial Cafe, D. .35, dining car, S. .65, street car Des Moines .05	\$ 11.53
May 10th,	Des Moines to Cedar Falls, 2.15, supper on dining car, .60, Burr's Hotel, Cedar Falls, L. .50, street car Des Moines .05; 11th, Cedar Falls to Des Moines, 2.15, Cedar Falls, College Tea Room, D. .75, Burr's Hotel, B. .50, supper on diner, .55, street car, Cedar Falls, .05, street car Des Moines, .05; 13th, Des Moines to Ames, .74, Campus to Des Moines .68, Ames Y. M. C. A. Cafe, D. .25, street car, Des Moines, .10, street car, Ames, .05; 15th, Des Moines to Iowa City, 2.41, Rock Island cafe, Des Moines, D. .35, Colonial Cafe, Iowa City, S. .35, Burkley's Imperial, Iowa City, L. 1.00, street car, Des Moines, .05, street car, Iowa City, .05; 16th, Iowa City to Des Moines 2.41, Iowa City, Cafeteria, B. .18, Burkley Imperial, D. .50, supper on diner, .75; 20th, Des Moines to Campus, .60 Ames to Des Moines .74, street car Des Moines .05; 23rd, Des Moines to Campus .72, Ames to Des Moines .74, street car Ames .05, street car Des Moines .10; 25th, Des Moines to Iowa City 2.41, Iowa City to Cedar Rapids .65, dinner on train .50, Cedar Rapids, Montrose, S. .50, L. 1.50, recording fee release loan No. 861 .50, street car Des Moines .05, street car Iowa City .05; 26th, Cedar Rapids, Montrose, B. .25, D. .50, S. .45, L. 1.50, 27th, Cedar Rapids to Des Moines, 2.88, Cedar Rapids, Montrose, B. .25, D. .50, supper on train .45, street car Des Moines .05	\$ 33.21
June 5th,	From Des Moines to Ames, .74, Ames to Marshalltown, .75, Marshalltown to Waterloo, .94, Marshalltown, Stoddart Cafe, S. .50, Waterloo, Hotel Ellis, L. 1.00, street car Ames .10, street car Marshalltown .05; 6th, Waterloo to Cedar Falls .15, Cedar Falls to Des Moines 2.15, Waterloo, Ellis Cafe, B. .45, street car Waterloo .05, telephone to President Stanton .45, street car Des Moines .05; 7th, Des Moines to Ames .74, Ames, Ames Hotel, S. .50, L. .50, street car Ames .10; 8th, Campus to Des Moines .60, Ames, Ames Hotel, B. .50, street car Des Moines .05, recording fee release of loan No. 945 .50; 12th, Des Moines to Iowa City 2.41, Iowa City, Colonial Cafe, D. .30, St. James Hotel, S. .50, L. 1.00; 13th Iowa City to Cedar Rapids .63, Cedar Rapids to Iowa City .65, Iowa City, Colonial Cafe, B. .25, S. .60, St. James Hotel, L. 1.00, street car, Iowa City .05; 14th, Iowa City to Des Moines 2.41, Iowa City, Colonial Cafe, B. .30, Methodist church, D. 1.00 on train, S. .50, street car, Des Moines, .05; 27th, Des Moines to Cedar Falls, 2.15, Cedar Falls, Burr's Hotel, L. .50; 28th, Cedar Falls to Des Moines 2.15, Cedar Falls, Burr Hotel, B. .50, College Tea Room, D. .50, on train S. .60, street car Cedar Falls .10, street car Des Moines .05	\$ 28.00
July 18,	from Des Moines to Ottumwa, \$1.79; Ottumwa, Depot Hotel, L. .50; 19th, Ottumwa to West Grove .58, West Grove to Bloomfield .16, Bloomfield to Ottumwa .42, Ottumwa, Depot Hotel, B. .50, S. .50, L. .50, Bloomfield, Commercial Hotel, D. .50, telephone Ottumwa .05; 20th, Ottumwa to Des Moines 1.79, Ottumwa, Depot Hotel, B. .50	7.79
August 1st,	Des Moines to Iowa City, \$2.41; Des Moines, Burkley Hotel, S. .50, L. 1.25; 2d, Iowa City, Burkley, B. .25, D. .50, S.	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	.50, L. 1.25; 3rd, Iowa City to Des Moines, 2.41; Iowa City, Burkley, B. .30, D. .50, S. .75; street car, Iowa City, .05; parlor car, Iowa City to Des Moines (no seat in coach obtainable), .55; street car, Des Moines, .05; 9th, Des Moines to Waterloo, 2.10; street car, Des Moines, .05; 10th, Waterloo to Cedar Falls, .15; Cedar Falls, Burr Hotel, S. .50, L. .50; street car, Cedar Falls, .20; 11th, Cedar Falls to Waterloo, .15; Waterloo to Des Moines, 2.10; Cedar Falls, Burr Hotel, B. .50; 15th, Des Moines to Ames, .74, Campus to Des Moines, .68; Ames, Ames Hotel, D. .50; street car, Des Moines, .10; street car, Ames, .15; Telephone message to Des Moines, .25-----	19.94
	Sept. 28th, Des Moines to Waterloo 2.12; diner, C. G. W. R. R., S. .90; 29th, Waterloo to Vinton .58; Vinton to Waterloo .58, Waterloo, Ellis Hotel, S. .60, L. 1.50, telephone to Des Moines .55; 30th, Waterloo to Des Moines 2.12; street car Des Moines .05-----	9.00
	November 1st, Des Moines to Ames .74; Campus to Des Moines .72; street car, Des Moines, .10, street car, Ames, .05; 15th, Des Moines to Campus, .68; Campus to Des Moines, .68; Mrs. Sloss, Campus, D. .50; street car, Des Moines, .10; 22nd, Jefferson to Sac City, .98; Sac City to Des Moines, 2.31; on train, D. .65, S. .45; street car, Des Moines, .05-----	8.01
	December 2d, Des Moines to Albia, 1.36; Albia to Des Moines, 1.36; Albia, Monroe Hotel, D. .50; lunch counter near depot, S. .10; Des Moines, street car, .10; 5th, Des Moines to Iowa City, 2.41; D. on train, .80; Iowa City, Burkley Cafe, S. .50; Burkley Hotel, L. 1.25; Des Moines, street car, .05; 6th, Iowa City to Des Moines, 2.41; Iowa City, Burkley Cafe B. .40, S. on train .70; Des Moines street car .05; 11th, Des Moines to Waterloo 2.12, S. on train .70; Des Moines street car, .05; Waterloo, street car, .05; 12th, Waterloo to Cedar Falls, .15; Cedar Falls to Des Moines, 2.16; Cedar Falls, Burr Hotel, D. .50; S. on train, .65; Cedar Falls, street car, .15; street car, Des Moines, .05; parlor car (no seats in coach obtainable) .35; 14th, Des Moines to Ames, .74; Ames to Des Moines, .72; Ames, Y. M. C. A. Cafe, D. .25; Ames Hotel, S. .50; Des Moines, street car, .10; Ames, street car, .05-----	21.28
1912	February 5th, Recording Fees Releases Loans Nos. 852, 960 and 978, 1.50; 10th, recording fees Releases Loans Nos. 634 and 819 1.00; 11th, Des Moines to Waterloo, 2.12; S. on diner, .80; street car, Des Moines, .05; 12th, Waterloo to Cedar Falls, .15; Cedar Falls to Des Moines, 2.16; Cedar Falls, College Tea Room, D. .45; supper on diner, .50; street car Cedar Falls .05; parlor car (no seats in coach), .35; street car Des Moines .05; 15th, Des Moines to Ames .74; Ames to Des Moines, .72; Ames, Y. M. C. A. Cafe, D. .25; street car, Des Moines, .10; street car, Ames, .05; 19th, Des Moines to Iowa City, 2.41; D. on diner, .55; Iowa City, Iowa Union, S. .35; Burkley Imperial, L. 1.25, street car Des Moines .05, street car Iowa City .05; 20th, Burkley Imperial, Iowa City, B. .50, D. .50, L. 1.25; Iowa Union, S. .35; 21st, Iowa City to Des Moines 2.41; Iowa City, Iowa Union, B. .30, D. .30, supper on diner .75, street car Des Moines .05; 23d, recording fee Release Loan No. 855 .50-----	22.01
	March 5th, Des Moines to Iowa City 2.41, D. on diner .60; Iowa City, Iowa Union, S. .35; Burkley, L. 1.25; street car, Des Moines, .05; Iowa city, .05; 6th, Iowa City, Burkley, B. .35, S. .50, L. 1.25; 7th, Iowa City to Des Moines, 2.41; Iowa City, Burkley, B. .35, C. R. I. & P. Lunch Counter, D. .35; street car, Des Moines, .05; 11th, Des Moines to Waterloo, 2.12; diner, S. .55; street car, Des Moines, .05; carriage, Waterloo, (snowing) .25; 12th, Waterloo to Cedar Falls, .15; Cedar Falls to Cedar Rapids, 1.17; Cedar Falls, Burr Hotel, D. .50; Cedar Rapids, Montrose, S. .70; street car, Cedar Falls, .15; 13th, Cedar Rapids, Montrose, B. .30, D. .50, S. .75, L. 2.00; 14th, Cedar Rapids to Ames, 2.14; Ames to Des Moines, .74; Cedar Rapids, Montrose, B. .25; Des Moines, lunch counter, D. .15; street car, Des Moines, .05; 27th, Des Moines to Waterloo, 2.12; diner, S. .80; paper for Prof. Calvin resolutions, .25; street car, Des Moines .05; chair car (no seats in coach) .35; cab, Waterloo, .25; 28th, Waterloo to Cedar Falls, .13; Cedar Falls to Waterloo, .10; Waterloo, Ellis Cafe, D. .50; Cedar Falls, Burr Hotel, S. .50; registration fee N. E. I. T., Ass'n, .50; street car, Cedar Falls, .10; 29th, Waterloo to Des Moines, 2.12, Waterloo, Ellis Cafe, D. .50, diner, S. .60; street car, Des Moines, .05-----	33.41

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>April 2d, Des Moines to Iowa City, 2.41; Iowa City to Cedar Rapids, .65; Rock Island diner, D. .45; Cedar Rapids, Montrose, S. .65, L. 2.50; engrossing Prof. Calvin resolutions, Mrs. Merriman 2.00; street car Des Moines .05; street car Iowa City .05; 3d, Cedar Rapids to Iowa City .65; Cedar Rapids, Montrose, B. .40, D. .50, Iowa City Iowa Union, S. .35, L., Burkley 1.25; 4th, Iowa City to Grinnell, 1.31; Iowa City, Burkley, B. .40; Iowa City, Iowa Union, D. .30; Grinnell, Monroe, S. .50, L. .75; Registration Fee S. E. Iowa Teachers' Assn., .50; recording fee Loans Nos. 893 and 917, 1.00; 5th, Grinnell to Des Moines, 1.10; Grinnell, Monroe Hotel, B. .50, D. .50; diner, S. .70; street car, Des Moines, .05; 16th, Des Moines, to Ames, .74; Campus to Des Moines, .68; Mrs. Sloss, Campus, D. .50; street car, Des Moines, .10; street car, Ames, .05; 18th, Des Moines to Iowa City, 2.41; diner, D. .85; Iowa City, Burkley Cafe, S. .50, L. 1.25; Des Moines, street car, .05; 19th, Iowa City to Des Moines, 2.41; Iowa Union, B. 20, D. .30, diner, S. .60; street car, Des Moines, .05</p>	30.21
	<p>May 1st, Des Moines to Ames, .74; Campus to Des Moines, .68; Des Moines Q. S. Cafeteria, S. .20; street car, Des Moines, .10; street car, Ames, .05; 9th, Des Moines to Waterloo, 2.12; S., C. G. W. diner, .70; street car, Des Moines, .05; cab, Waterloo, .25; 10th, Waterloo to Cedar Falls, .10; Cedar Falls to Cedar Rapids, 1.17; Cedar Rapids, Montrose, S. .40, L. 2.00; street car, Cedar Falls, .05; 11th, Cedar Rapids to Iowa City, .65; Cedar Rapids, Montrose, B. .35; Iowa City, Iowa Union, D. .30; Hotel Burkley, L. 1.25; 12th, Iowa City to Des Moines 2.41; Iowa City, Burkley, B. .30; Iowa Union, D. .35; diner, C. R. I. & P., S. .60; street car, Des Moines, .05; 15th, Des Moines to Campus (Ames) .68; Campus to Des Moines, .68; Ames, Ames Hotel, D. .50; street car, Des Moines, .10; street car, Ames, .10; 20th, Des Moines to Iowa City, 2.41; diner, C. R. I. & P., D. .70; Iowa City, cafeteria, S. .27; Burkley, L. 1.00; street car, Des Moines, .05; 21st, Iowa City to Cedar Rapids, .65; Iowa City, Iowa Union, B. .20, D. .30; Cedar Rapids, Montrose, S. .80, L. 2.00; 22nd, Cedar Rapids to Cedar Falls, 1.17; Cedar Falls to Waterloo, .10; Waterloo to Des Moines, 2.12; Cedar Rapids, Montrose, B. .25, Cedar Falls, Burr, D. .50; diner, C. G. W., S. .55; street car, Cedar Falls, 10; street car, Des Moines, .05</p>	30.15
	<p>June 3rd, Ottumwa to Cedar Rapids 1.81; Cedar Rapids, Metropolitan Cafe, S. .35; Montrose Hotel, L. 2.00; 4th, Cedar Rapids to Iowa City, .65; Cedar Rapids, Montrose Hotel, B. .40, D. .50, S. .75; Iowa City, Burkley, L. .75; telephone, Mr. Boyd, Cedar Rapids, .10; telephone, Pres. Stanton, Ames, .60; 5th, Iowa City to Des Moines, 2.41; Iowa City, Burkley, B. .45; D. .50; C. R. I. & P. diner, S. .60; street car, Des Moines, .05; 10th, Des Moines to Iowa City, 2.41; Iowa City, Burkley, S. .50, L. 1.00; Des Moines, street car, .05; Chair car, Des Moines to Iowa City, .65 (no seats in coach); 11th, Iowa City, Iowa Union, B. .50; Burkley, L. 1.00; 12th, Iowa City, Cafeteria, B. .28; 24th, State fee and bond for Lida M. Erwin, as</p>	
1910	<p>FOREST O. ENSIGN— Notary Public in office 8.00</p>	26.31
	<p>March 4th, Iowa City to Manchester 1.49; Manchester to Iowa City, 1.49; Manchester, B. .50, D. .50, Clarence House; restaurant, S. .25; Manchester Bus, .25; March 8th, Iowa City to Cedar Rapids, .65; Cedar Rapids to Sioux City, C. N. W., 6.51 Cedar Rapids, College Inn, S. .50; sleeper, C. N. W. to Sioux City, 1.50; March 9th, Sioux City to Sheldon, M. & O. 1.14; Sheldon to Le Mars, .64; B. dining car .70; Sheldon, D. .50; Le Mars, S. .50, L. .50, Union Hotel; bus Sheldon .25, Le Mars .25; 10th, Le Mars to Sioux City .50; Le Mars, Union Hotel, B. .50, D. .50; Sioux City, Mondamin, S. .50, L. 1.00; car fare .10; Enrollment Teachers' Association .50; 11th, Mondamin, B. .50, D. .50; West, S. .65; Mondamin, L. 1.00; car fare, .20; 12th, Sioux City to Cedar Rapids, 6.21; Cedar Rapids to Iowa City, .65; Missouri Valley Depot Lunch Room, B. .50; C. & N. W. diner, D. .60; Cedar Rapids, College Inn, S. .50; 16th, Iowa City to Grinnell, 1.31; Brooklyn, Skinner, S. .50; Grinnell, New Monroe, L. .75; postage, 1.00; blank book, .75; 17th, Grinnell to Albia 1.12; Albia to Ottumwa .50; Albia, B. .50, D. .50; Ottumwa, Ballingall, S. .50, L. .75; bus Albia .25; Ottumwa .25; 18th, Ottumwa to Agency, .14; Agency to Ottumwa, .14; Ottumwa to Iowa City via S. Amana 1.79; Ottumwa, Ballingall, B. .50, Agency, restaurant, D. .50; Ottumwa, restaurant, S. .40; Transfer, S. Amana,</p>	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	.25; 21st, Iowa City to Cedar Rapids, .65; Cedar Rapids to Clinton, O. & N. W. 2.63; Cedar Rapids, Metro. Res., B. .25; Lyons, Hotel Res., D. .50; Clinton, Lafayette Inn, S. .50; L. 1.00; car fare Clinton to Lyons and return, .10; 22nd, Clinton to Cedar Rapids, 2.63; Cedar Rapids to Iowa City, .65; Clinton, Lafayette Inn, B., .50; Lowden, R. R. Hotel, D. .50; telegram, Cherokee .45; telegram Waterloo, .35; 28th, postage 1.00; 29th, Iowa City to Mediapolis, C. R. I. & P. 1.24; West Liberty, Hise House, D. .50; Mediapolis, Dudley, S. .50; L. .50; telegram, Fairfield, .25; reply, .25; 30th, Mediapolis to Brighton, .82; Brighton to Fairfield, .27; Fairfield to Chariton, 1.58; bus, Brighton, .25; Chariton, .25; Mediapolis, Dudley, B. .50; Fairfield, Leggett, D. .50; Chariton, Bates Hotel, S. .50, L. .50; 31st, Chariton to Lamoni, 1.04; Lamoni to Mt. Ayr, .42; Lamoni, Barr Hotel, B. .50; D. .50; Mt. Ayr, Mt. Ayr House, S. .50, L. .50; Stenographic service as per various bills paid by Inspector during month 6.85	76.16
April 1st,	Mt. Ayr, Mt. Ayr House, B. .50, D. .50, S. .50, L. .50; 2nd, Mt. Ayr to Des Moines, Q. 2.44; Des Moines to Iowa City, C. R. I. & P. 2.41; Osceola Depot Restaurant, B. .25, Des Moines, Elliott Cafe, D. .50; Postage, 1.00; stenographer, 4 hours, 1.40; 6th, stenographer, 4½ hours, 1.58; 7th, Iowa City to Ottumwa, via Cedar Rapids, 2.30; Iowa City, Merchants, B. .30; Ottumwa, Ballingall, D. .50, S. .50, L. 1.00; enrollment fee, Teachers, Association, .50; 8th, Ottumwa, Ballingall, B. .50, D. .50, S. .50, L. 1.00; 9th, Ottumwa to Iowa City via So. Amana, 1.69; Ottumwa, B. .50; Transfer So. Amana, .25; 11th, Iowa City to Wilton, .58; Wilton, Commercial Hotel, L. .50; postage 1.00, stenographer, 5 hrs. 1.25; 12th, Wilton to Washington, via Muscatine, C. R. I. & P., .95; Washington to Keota .29; Wilton Com. Hotel, B. .50; Washington, Colonso Hotel, D. .50; Depot dining room, S. .50; Keota, Com. Hotel, L. .50; bus, Washington, .25; 13th, Keota Com. Hotel, B. .50, D. .50, S. .50, L. .50; 14th, Keota to Sigourney, C. R. I. & P., .26; Sigourney to North English, C. M. & St. P., .30; Keota, Com. Hotel, B. .50; Sigourney, Fish Hotel, D. .50; North English, Wells Hotel, S. .50, L. .50; stenographer, 1 hour, .35; 15th, North English to Iowa City, via Williamsburg, .26; Williamsburg to So. Amana, .30; South Amana to Iowa City, .50; Transfer, So. Amana, .25; North English, B. .50; Williamsburg, City Hotel, D. .50, S. .50; 18th, stenographer, 3 hours, 1.05; cards, 1.50; clerical work, mailing, 2 hours .40; 19th, Express, No. Central Lists, .50; stenographer, 4 hours, 1.40; 20th, Iowa City to Cedar Falls, C. R. I. & P. 1.81, Iowa City, Merchants, B. .25, Cedar Falls, Burr House, D. .50, S. .50, L. .50; 21st, Cedar Falls to Jesup .44, Jesup to Dubuque 1.66, carriage Dubuque .25, Cedar Falls, Burr, B. .50, Dubuque, Julian, D. .50, S. .50, Dubuque, Wales, L. 1.00; 22nd, Dubuque to Sabula .88, Savanna to Marion 1.79, Marion to Iowa City .62, Ferry to Savanna .15, bus Sabula .25, Dubuque, Wales, B. .50, Sabula, Riverside Hotel, D. .50, Cedar Rapids College Inn, S. .35; 23d, stenographer 3½ hrs. 1.31; 25th, stenographer 2.00, postage, mailing No. Cent lists 1.50; 26th, stenographer .70; 27th, Iowa City to Garner, C. R. I. & P. 3.55, Iowa City, Merchants, B. .25, Dows, D. .50, Garner, Victoria Hotel, S. .50, L. .50; 28th, Garner to Britt .20, Britt to Lake Mills .58, Lake Mills to Forest City .29, carriage Lake Mills .25, Garner, Victoria, B. .50, Britt, Allison, D. .50, Lake Mills, Arlington, S. .50, Forest City, Summit, L. .50; 29th, Forest City to Ft. Dodge, M. & St. L. 1.38, Ft. Dodge to Oelwein, C. G. W. 2.55, bus Oelwein .25, Forest City, Summit House, B. .50, D. .50, Ft. Dodge, Crawford, S. .50, Oelwein, Mealy House, L. .50; 30th, Oelwein to Iowa City via C. R. I. & P. and Interurban 1.58, Oelwein, Mealy House, B. .50, D. .50, Cedar Rapids, College Inn, S. .35; (27th, stenographer 1.05)	\$ 78.75
May 2nd,	postage 2.00; 3d, telegram A. V. Storm, Ames .25; 5th, Iowa City to Ames 2.64, car fare Ames to College and return .10, Cedar Rapids, College Inn, B. .40, Ames, S. .50, L. .50; 6th, Ames to Iowa City 2.64, car fare College and return .10, Ames, B. .50, C. N. W., D. .75; 10th, copying, special, Mr. Waples 1.00; 11th, telephone Prof. Freer, Mt. Vernon .40, paper clips, office .10; 12th, Iowa City to Mt. Vernon .82, Mt. Vernon to Lisbon, carriage .50, Mt. Vernon to Cedar Rapids .32, Cedar Rapids College Inn, B. .35, Mt. Vernon, Altoona Hotel, D. .50, S. .50, Cedar Rapids, Montrose Hotel, L. 1.50; 13th, Cedar Rapids, Montrose Hotel, B. .50, D. .50, S. .65, L. 1.50; 14th, Cedar Rapids, Montrose, B. .50, D. .50, Cedar Rapids to Iowa City .50, messenger and phone .35; 18th, Iowa City to Council Bluffs 5.24, sleeper 1.50; 19th, Council Bluffs to Me-	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Paul .64, McPaul to Creston 1.92; car fare Council Bluffs .10; carriage McPaul to Thurman and return .50, B. on train .65, Thurman, McCartney Hotel, D. .50, S. .50, Creston, Summit Hotel, L. .50; 20th, Creston to Greenfield .44; Creston, B. .50, D. .50, Greenfield, Commercial Hotel, L. .50; 21st, Menlo to Iowa City 3.34, Greenfield, B. .50, D. on train .60; 22nd, Iowa City to Cedar Rapids .50, Cedar Rapids to Greene 1.84, Cedar Rapids, Metropoli Rest., B. .35, Greene, Hotel Kessler, S. .50, L. .50; 23d, Greene to Iowa City 2.34, Greene, Kessler Hotel, B. .50; 24th, Iowa City to Waterloo 1.55, Waterloo to Cedar Falls .15, Waterloo, Ellis Cafe, D. .50, S. .50; 26th, Cedar Falls to Iowa City 1.68, car fare Cedar Falls .10; 28th, Iowa City to Waverly 2.00, Waverly, Fortner Hotel, L. .50, carriage .25; 29th, Waverly to Iowa City 2.00, Waverly, Fortner, B. .50, Cedar Rapids, Metropoli Rest., S. .35; 31st, stenographic work 14.90, postage 1.90	\$ 73.21
	June 1st, Express, No. Central blanks .85, telegram H. A. Mitchell, Carroll .49; 14th, clerical work 1.00; 15th, Iowa City to Eldon 1.90, Eldon, L. .50; 16th, Eldon to Keosauqua .45, Keosauqua to Keokuk 1.00, Eldon, B. .50, Keosauqua, D. .50, S. on train .50, Keokuk, Grand Hotel, L. .50, carriage, Keokuk .25; 17th, Keokuk to Iowa City 2.40, West Liberty, B. .50; 23d, Postage 1.20; 24th, telephone Cedar Rapids .25; 25th, Iowa City to Cedar Rapids .50, Cedar Rapids to Iowa City .50, Cedar Rapids, D. .50; 30th, stenographic work 6.90	\$ 21.19
	July 1st, postage 1.00; 15th, postage 1.00	2.00
	August 1st, Iowa City to Walker, R. I. 1.14, Walker to Cedar Rapids .50, Cedar Rapids to Iowa City .50, Cedar Rapids, B. .25, Walker, D. .50; 9th, stenographic work 9.35; 19th, stenographic work 4.00; 20th, postage 1.00	17.24
1910	Sept. 4th, Red Oak to Sioux City via Council Bluffs 3.00, Transfer, S. .50, Council Bluffs, Sioux City, L. 1.00; 5th, Sioux City to Sheldon 1.14, Sheldon to Inwood .66, Inwood to Rock Valley .21, Sioux City, West Cafe, B. .50, Inwood, D. .50, Rock Valley, L. .50; 6th, Rock Valley to Clear Lake 2.99, Clear Lake to Cedar Rapids via Garner 3.15, B. on train .65, Clear Lake, D. .50, Garner, S. .50, Cedar Rapids, L. 1.00; 7th, Cedar Rapids to Iowa City .50; Cedar Rapids, Cafe, B. .50, D. .50; 8th, postage 2.50, stenographer 3.85; 20th, Iowa City to Cedar Falls 1.67; Cedar Falls, Burr Hotel, S. .50, L. .50; 21st, Cedar Falls to Marshalltown .90; Cedar Falls, Burr Hotel, B. .50, Marshalltown, Pilgrim, S. .50, L. 1.00, car fare Cedar Falls .20, carriage Marshalltown .25; 22d, Marshalltown to State Center .20, State Center to Nevada .30, Nevada to Ames .26, Marshalltown, Pilgrim, B. .50, State Center, D. .50, S. .50, Ames, L. .50, carriage Ames .25; 23d, Ames to Cedar Rapids 2.14, Cedar Rapids to Iowa City .50, Ames Hotel, B. .50, Cedar Rapids, S. .50, car fare Ames .10, carriage Iowa City .25; 24th, stenographer 11.00; 26th, postage 2.00; Oct. 1st, stenographer 6.90	\$ 57.75
	Oct. 3d, Iowa City to Colfax 1.95, Colfax to Des Moines .46, B. on train .65, Colfax, Mason, D. .50, Des Moines, Elliott, S. .50, L. 1.00; 4th, Des Moines to St. Charles .58, St. Charles to Leon 1.16, Des Moines, Elliott, B. .50, St. Charles, D. .50, Leon, S. .50, L. .50, carriage Leon .25; 5th, Leon to Chariton .76, Leon, B. .50, D. .50, S. .50, Chariton, Bates House, L. .50, carriage Chariton .25; 6th, Chariton to Indianola .68, Chariton, B. .50, D. .50, Indianola, S. .50, L. .50, carriage Indianola .25; 7th, Indianola to Iowa City 2.85, Indianola, B. .50, D. on train .65; 8th, Iowa City to Tiffin .16, Tiffin to Iowa City .16; 11th, Iowa City to Strawberry Point 2.07, Strawberry Point to Anamosa 1.03, Iowa City, Merchant's Rest., B. .35, Strawberry Point, D. .50, Anamosa, S. .50, L. .50, carriage, Anamosa .25; 12th, Anamosa to Maquoketa .67, Maquoketa to Anamosa .67, Anamosa, B. .50, D. .50, S. .50, Maquoketa, Anamosa, L. .50, carriage Maquoketa .25; 13th, Anamosa to Mason City via Calmar 3.61, Anamosa, B. .50, Calmar, D. .50, Mason City, S. .50, Mason City, Park, L. 1.00, car fare Mason City .10, enrollment N. E. I. Teachers' Association .50; 14th, Park Inn, B. .50, S. .50, L. 1.00, postage 1.00; 15th, Mason City to Iowa City via Tama and Cedar Rapids 3.35, Mason City, B. .50, D. on train .65; 16th, postage 1.00; 24th, Iowa City to Lake City via Cedar Rapids 4.06, Cedar Rapids, B. .50, D. .50, S. .50, L. .50, Lake City, Columbia, car-	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	riage Iowa City .25, carriage Lake City .25; 25th, Lake City to Hawarden via Sioux City 3.60, Lake City, B. .50, D. .50, Sioux City, S. .50, Hawarden, L. .50; 26th, Hawarden to Orange City .47; Hawarden, B. .50, D. .50, Orange City, S. .50, L. .50, carriage Orange City .25, postage 1.00; 27th, Orange City to Marathon 1.25, Orange City, B. .50, D. .50, Alton, S. .50, Marathon, L. .50; 28th, Marathon to Iowa City via Tama and Cedar Rapids 4.60, Marathon, B. .50, D. .50, Tama, S. .50, carriage Iowa City .25; 29th, postage 1.00; 31st, stenographer 25.20.....	\$ 93.53
Nov. 2nd,	Iowa City to Cedar Rapids .50, Cedar Rapids to Iowa City .50, Cedar Rapids, Delano, D. .50; 3d, Iowa City to Des Moines 2.41, Des Moines, D. .50, S. .50, L. .50, Elliott, enrollment Iowa State Teachers' Ass'n, 1.00, stenographer .25; 4th, Des Moines, Elliott, B. .50, D. .50, S. .50, L. 1.00; 5th, Des Moines to Iowa City 2.41, car fare .30, carriage Iowa City .25, Des Moines, B. .50, D. .50, S. .50; 7th, postage and application blanks 10.00; 8th, Iowa City to Carroll 3.96, carriage Carroll .25; N. W. train, S. .70, Carroll, L. .75; 9th, Carroll to Holstein via Early 1.29, Carroll, B. .50, Early, D. .50, Holstein, Clifford, S. .50, L. .50; 10th, Holstein to Schaller via Galva .81, Holstein, B. .50, Galva, D. .50, S. .50, Schaller, Cottage, L. .50; 11th, Schaller to Iowa City via Lohrville 1.18, Lohrville to Des Moines 1.74, Des Moines to Iowa City 2.41, carriage Lohrville .25, Iowa City .25, Schaller, B. .50, D. .50, Des Moines, S. .50; 16th, Iowa City to Cedar Falls via La Porte 1.81, carriage La Porte .25, Cedar Rapids station, B. .50, La Porte, D. .50, Cedar Falls, Burr Hotel, S. .50, L. .50; 17th, Cedar Falls to Parkersburg .37, Parkersburg to Cedar Falls .37, Cedar Falls, Burr, B. .50, Parkersburg, D. .50, Cedar Falls, Burr, S. .50, L. .50; 18th, Cedar Falls to Cedar Rapids 1.18, Cedar Falls, B. .50, D. .50, Cedar Rapids, L. .75; 19th, Cedar Rapids to Iowa City .50, Cedar Rapids, Cafe, B. .50; 23d, postage 1.00; 29th, Iowa City to Muscatine via Wilton .82, Wilton, D. .50, Muscatine, Commercial, S. .50, L. .50; 30th, Muscatine to Wilton .34, Wilton to Iowa City .58, Muscatine, Commercial, B. .50, D. .50; 30th, stenographer 20.75, postage 1.00.....	\$ 80.43
Dec. 1st,	Iowa City to West Branch .47, West Branch to Iowa City via Elmira .31, West Branch, D. .50, S. .50; 2nd, Iowa City to Cedar Rapids .50, Cedar Rapids, Montrose, S. .50, L. 1.50; 3rd, Cedar Rapids to Iowa City .50, Cedar Rapids, Montrose, B. .50, D. .50; 5th, Iowa City to Des Moines 2.41, B. on train .65, Elliott, Des Moines, D. .50, S. .50, L. 1.00, Des Moines, car fare .10, Iowa City, carriage .25; 6th, Des Moines to Valley Junction .05, Valley Junction to Des Moines .05, Des Moines, B. .50, D. .50, S. .50, L. 1.00; 8th, Des Moines to Madrid .55, Madrid to Des Moines .55, Des Moines, B. .35, D. .50, S. .50, L. 1.00, Des Moines car fare .20; 9th, Des Moines to Iowa City 2.41, Des Moines, B. .35, D. .50; 10th, postage 1.00; 13th, Iowa City to Ames via Des Moines 3.11, Ames to Waterloo via Marshalltown 1.71, B. on train .60, Des Moines, D. .45, Ames, S. .50, Waterloo, L. 1.00, Ames car fare .10; 14th, Waterloo to Cedar Falls .15, Cedar Falls to Des Moines 2.15, Waterloo, B. .50, Cedar Falls, D. .50, S. on G. W. train .75, Des Moines, Elliott, L. 1.25, car fare Cedar Falls .10; 15th, Des Moines to Ft. Dodge 1.70, Des Moines, B. .50, D. .50, Ft. Dodge, Crawford, S. .50, L. 1.00; 16th, Ft. Dodge to Lohrville .54, Lohrville to Cedar Rapids 3.38, Ft. Dodge, B. .50, D. .50, Lohrville, S. .50, Cedar Rapids, L. .50; 17th, Cedar Rapids to Iowa City .50, Cedar Rapids, B. .50; 19th, postage 1.00; letter files, office .70; 21st, Iowa City to West Union via Cedar Rapids 2.00, Cedar Rapids, B. .50, West Union, Commercial Hotel, D. .50, S. .50, L. .50; 22d, West Union to Cedar Rapids via Independence 2.00, West Union, B. .50, Independence, D. .50, Cedar Rapids, S. .40; 23d, stenographer 13.25; 28th, postage 1.00.....	\$ 60.04
1911 Jan. 2nd,	pens, paper fasteners, office .30; 3d, telegram, board of education, Ft. Dodge .40; 5th, Iowa City to West Liberty .32, West Liberty to Iowa City .32, West Liberty, D. .50, S. .50; 6th, telegram A. V. Storm, Ames, .25; 7th, Iowa City to Des Moines 2.41, Des Moines to Iowa City 2.41, B. on train .65, Des Moines, Capitol, D. .30, Elliott, S. .50, Des Moines, car fare .10, Iowa City, carriage .25; 9th, postage 1.00; 10th, Iowa City to Victor .86, Victor to Iowa City .86, Victor, D. .50, S. .50; 11th, Iowa City to Winfield via Morning Sun 1.29, West Liberty, D. .50, Morning Sun, S. .50, Winfield, L. .50, Morning Sun, carriage .25, Winfield, carriage .25; 12th, Winfield to Brighton .44, Winfield, B. .50, D. .50, S. .50, Brighton, L. .50, Brighton, carriage .25; 13th, Brighton to Iowa	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	<p>City 1.73, Brighton, B. .50, Morning Sun, D. .50, West Liberty, S. .50, Morning Sun, carriage .25, Iowa City, carriage .25; 17th, postage 1.00; 18th, Iowa City to Brooklyn 1.01, Brooklyn to Iowa City 1.01, Skinner, D. .50, S. .50; 19th, Iowa City to Davenport 1.08, Davenport to Iowa City 1.08, Davenport, D. .50, S. .75, carriage Iowa City .25, car fare .20; 22nd, telephone J. H. Trewin, Cedar Rapids .25; 24th, Iowa City to Ft. Madison via West Liberty and Burlington 1.92, West Liberty, D. .50, Burlington, S. .50, Ft. Madison, L. .50, Burlington car fare .10; 25th, Ft. Madison, Anthon, B. .50, D. .50, S. .50, L. .50; 26th, Ft. Madison to Farmington .50; Farmington to Burlington .88, Burlington to West Liberty 1.22, Ft. Madison, B. .50, Farmington, D. .50, Burlington, S. .50, West Liberty, L. .50; 27th, West Liberty to Iowa City .32, West Liberty, B. .50, Iowa City, carriage .25; 28th, telephone J. H. Trewin, Cedar Rapids .25; 30th, Iowa City to Cedar Rapids .65, Cedar Rapids, Allison, S. .50, L. 1.50, telephone Iowa City to Ames, Pres. Stanton, a long talk on report of committee of 15, 4.40; 31st, Cedar Rapids to Cedar Falls 1.18, Cedar Falls to Des Moines 2.15, Cedar Rapids, B. .50, S. on train .65, Des Moines, Chamberlain, L. 1.50, car fare Cedar Falls .10, telephone Cedar Falls to Iowa City, H. C. Dorcas .60; 31st, stenographer and office help 30.12, ribbon .65, note books .20, postage 1.00</p>	87.41
Feb. 1st,	<p>Des Moines to Ames .72, B. .30, D. .30, L. .50, Ames, street car .10, telephone Des Moines to Iowa City .65, telephone Ames to Des Moines .20; 2d, Ames to Story City and return .33, B. .50, S. .50, L. .50 Ames, D. Story City .50, carriage Ames .25; 3rd, Ames to Nevada .17; Nevada to Iowa City via Cedar Rapids 2.61, D. Nevada .50, B. Ames .50, S. Cedar Rapids .50, carriage Nevada .25; 6th, postage 1.00; 9th, Iowa City to Redfield via Des Moines 2.41 and .63, Redfield to Adel .30, Adel to Pandora .44, B. on train .60, D. Adel .50, S. .50, L. .50 Adel, hack Adel .25, hack Pandora .25; 10th, Pandora to Iowa City via Des Moines 2.38, B. .50, D. .50, Pandora, S. .50, Des Moines, hack Iowa City .25; 11th, postage 2.00; 15th, Iowa City to Clarence via Cedar Rapids 1.12, Clarence to Cedar Rapids .79, D. Cedar Rapids .50, S. Clarence .50, L. Cedar Rapids 1.00 (Allison); 18th, Cedar Rapids to Independence .78, B. Cedar Rapids .50, D. .50, S. .50, L. .50, Independence, hack Independence .25, railroad fare to Manchester .45, to Iowa City via Cedar Rapids .84 and .60, B. .50, Independence, D. .50, S. .50, Manchester, carriage Manchester .25, Iowa City .25; 22nd, postage 2.00; 24th, letter files office (two) .65; 27th, Iowa City to Atlantic 4.65, hack Iowa City .25, sleeper to Atlantic 1.50; 28th, Atlantic to Elliott and return via Griswold .88, breakfast .50, dinner .50, Elliott, S. .50, L. .50, Atlantic, James D. Sims, stenographic and clerical work, as per bills 20.97 and 1.81—22.78, supplies .30, stamps 1.00</p>	81.19
Mar. 1st,	<p>Atlantic to Audubon .50, Atlantic, Pullman Hotel, B. .50, Audubon, Park Hotel, D. .50, S. .50, L. .50, carriage Audubon .25; 3d, Audubon to Exira .19, Exira to Atlantic .31; Audubon, Park Hotel, B. .50, Exira, City Rest., D. .50, Atlantic, Pullman, S. .50, L. .50, carriage Exira .25; 5d, Atlantic to Iowa City 4.65, Atlantic, Pullman, B. .30, D. .50, on train, S. .50, hack Iowa City .25; 7th, postage 2.00; 8th, Iowa City to Des Moines 2.41, Iowa Hotel, Des Moines, S. .50, L. 1.00, telephone Iowa City to Cedar Rapids, J. H. Trewin .25; 9th, Des Moines to Dallas Center .42, Dallas Center to Perry .30, Des Moines Elliott Cafe, B. .40, Savery, D. .50, Dallas Center, Commercial Hotel, S. .50, Perry, St. James Hotel, L. .50, street car fare Des Moines .30; 10th, Perry to Des Moines, trolley .62, Des Moines to Iowa City 2.41, Perry, St. James, B. .50, D. .50, Des Moines, Elliott, S. .50, carriage Iowa City .25; 14th, Iowa City to Newton 1.71, Newton to Monroe .35, Monroe to Des Moines .68, diner, B. .65, Monroe, restaurant, D. .25, Des Moines, Elliott, S. .50, L. 1.50, carriage Iowa City .25; 18th, Des Moines to Okaloosa 1.28, Des Moines, Elliott, B. .50, D. .50, Okaloosa restaurant, S. .25, L. 1.40, Downing Hotel, street car Des Moines .20, carriage, Okaloosa .25; 19th, Okaloosa to Winfield 1.40, Okaloosa, Downing Hotel, B. .50, D. .50, Winfield, Commercial Hotel, S. .50, L. .50, carriage Winfield .25; 17th, Winfield to Morning Sun .21, Morning Sun to Wapello .12; Wapello to Iowa City .50; Winfield Commercial Hotel, B. .50, Wapello, Oak Hotel, D. .50, S. .50, hack, Morning Sun .25, hack Wapello .25, hack Iowa City .25, telephone Nichols to Iowa City .15; 24th, postage 1.00; 25th, express, bulletin for Iowa Schools .30; 26th, Iowa City to Cedar Rapids .50, Cedar Rapids to Marion .12, Marion, Hays Hotel, L. .50; 28th, Marion to Preston 1.21, Preston to Sabula .49, Marion, lunch room, B.</p>	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	.35, Preston, Delmonico Hotel, D. .50, Sabula, Riverside Hotel, S. .50, L. .50, carriage Sabula .25; 31st, Sabula to Lyons .29, Clinton to Cedar Rapids 1.63, Cedar Rapids to Iowa City .50, Sabula, Riverside Hotel, B. .50, Clinton, restaurant, D. .25, Cedar Rapids, College Inn, S. .35, telephone Cedar Rapids to office at Iowa City .25, street car Lyons and Clinton .10, James D. Sims for employment during month, as per bill attached to book and duly paid by inspector 32.71	\$ 80.05
April 1st,	postage 2.00, telephone to D. A. Emery, Des Moines .65; 3d, Iowa City to Des Moines 2.41, Des Moines, Elliott, L. 1.50; 4th, Des Moines, Elliott, B. .50, Savery, D. .50, Elliott, S. .50, L. 1.00, street car fare Des Moines .20; 5th, Des Moines to Albia, Q. 1.36, Des Moines Union depot restaurant, B. .40, Albia, Hotel Byerly, D. .35, New Monroe, S. .50, L. .50, telephone, Albia to Eddyville .20, carriage, Albia .25; 6th, Albia to Eddyville .27, Eddyville to Keokuk 1.84, Eddyville, Criswell Hotel, B. .50, D. .50, Keokuk, restaurant, S. .45, Grand Hotel, L. .50, carriage, Eddyville .25, carriage Keokuk .25; 7th, Keokuk to Iowa City 2.40, Keokuk, Grand Hotel, B. .50, D. .50, S. .50, carriage, Iowa City .25; 8th, Iowa City to Cedar Rapids .50, Cedar Rapids to Iowa City .50; 10th, postage on 800 bulletins at 2 cents each 16.00; 11th, telephone Prin. Hazen, Denmark .55; 12th, express North Central lists of Accredited Schools .60; 13th, Iowa City to Burlington 1.53, West Liberty, restaurant, D. .25, Burlington, Delano Cafe, S. .50, Union Hotel, L. .50; 14th, Burlington to Sawyer .46, Sawyer to Burlington .46, Burlington to Iowa City 1.54, Burlington, Union Hotel, D. .50, S. .50, carriage, Iowa City .25; 15th, postage 3.00; 20th, telephone bill for Mar. 18, Iowa City to E. W. Stanton at Ames .65; 21st, telephone Iowa City to Ames, Herman Knapp .65; 25th, Iowa City to Cedar Rapids .50, Cedar Rapids to Dubuque 1.77, Dubuque to Guttenberg .69, Manchester, Depot Restaurant, B. .35, Dubuque, Paris Hotel, D. .50, Guttenberg, Friedlein, S. .50, L. .50; 26th, Guttenberg to Monona .68, Monona to Mason City 2.05, Guttenberg, Friedlein Hotel, B. .50, Monona, Arlington Hotel, D. .50, Mason City, Park Inn Cafe, S. .60, Cerro Gordo Hotel, L. .75, carriage Mason City .25; 27th, Mason City, Cerro Gordo Hotel, B. .50, D. .50, S. .50, L. .75; street car fare .10; 28th, Mason City to Nora Springs .20, Nora Springs to Cedar Rapids 2.26, Cedar Rapids to Iowa City .50, Mason City, Cerro Gordo Hotel, B. .50, Nora Springs, Hotel Nora, D. .50, Cedar Rapids, College Inn, S. .35, carriage Nora Springs .25; 29th, James D. Sims, office work and supplies as per bill for April 40.78	\$ 108.31
May 1st,	postage 3.00; 2d, Iowa City to Cedar Rapids .50, Cedar Rapids to Iowa Falls 1.94, Iowa City, Merchants restaurant, B. .25, Iowa Falls, Woods Hotel, D. .50, S. .50, L. .50, carriage Iowa Falls .25; 3rd, Iowa Falls to Webster City .50, Iowa Falls, Woods Hotel, B. .50, D. .50, S. .50, Webster City, Wilson House, L. .50; 4th, Webster City to Humboldt .65, Humboldt to Fort Dodge .37, Webster City, Wilson House, B. .50, Fort Dodge, Wahkonsa Hotel, D. .50, S. .75, L. 1.00, telegram G. F. Kay, Iowa City .25, carriage Humboldt .25; 5th, Fort Dodge to Lehigh .29, Lehigh to Lundgren 2.00, Lundgren to Des Moines 1.50, Des Moines to Iowa City 2.41, Fort Dodge, Wahkonsa, B. .45, Boone, lunch room, D. .25, Des Moines, Depot lunch room, S. .40, carriage Iowa City .25; 7th, telephone J. C. Richter, Decorah, from Iowa City 1.45; 8th, telephone, Iowa City to Herman Knapp at Ames .65, three letter files 1.00, postage 2.00; 10th, Iowa City to Cedar Rapids .50, Cedar Rapids to Sigourney 1.24, Sigourney to Delta .15, Delta to Keota .42, Iowa City, Merchants' Restaurant, B. .25, Delta Kidner Hotel, D. .50, Keota, Lindle Hotel, S. .50, L. .50, carriage Sigourney .25; 11th, Keota to Washington .27, Keota, Lindle Hotel, B. .50, Washington, Depot dining room, D. .50, Colenso Hotel, S. .50, L. .50, carriage, Washington .25; 12th, Washington to Richland .36, Richland to Hedrick .36, Hedrick to South Amana 1.02, South Amana to Iowa City .50, Washington, Colenso, B. .50, Richland, City Hotel, D. .50, on train, lunch .50, carriage, Richland .25, carriage South Amana .25, carriage Iowa City .25; 15th, telephone C. S. Cory, Cedar Falls .70; 16th, telegram George Sawyer, Osage, .43; 17th, Iowa City to Cedar Rapids .50, Cedar Rapids to Iowa City .50, telephone J. H. Trewin, Cedar Rapids .25; 18th, Iowa City to Cedar Rapids .50, Cedar Rapids to Marshalltown 1.39, Marshalltown to Roland .66, Marshalltown, depot lunch .40, Roland, City Hotel, L. .50; 19th, Roland to Story City .10, Story City to Ames .26, Roland, City Hotel, B. .50, restaurant, D. .50, Ames, Hotel Ames, S. .50, L. .50, carriage Ames .25; 20th, Ames to Cedar Rapids 2.14,	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Cedar Rapids to Iowa City .50, Ames, Ames Hotel, B. .50, Cedar Rapids, College Inn, S. .50, telegram, George Ballard, Allerton, sent from Cedar Rapids .25; 25th, Iowa City to What Cheer 1.19, What Cheer to Deep River .28, What Cheer, Commercial Hotel, D. .50; 26th, Victor to Des Moines 1.56, Des Moines to Iowa City 2.41, Des Moines, Elliott Cafe, D. .50; 31st, Iowa City to Cedar Rapids .50; Cedar Rapids to Ames 2.14, postage 4.00, telegram C.R. Gothy, Buffalo Center .40, telegram J. P. Street, Story City .25, James D. Sims, office work and supplies as per bill for May, \$53.65.....	\$ 117.98
June 4th,	telephone, W. H. Bender, Iowa City to Cedar Falls, .60, Iowa City to Cedar Rapids, .50, Cedar Rapids to Cedar Falls, 1.17, street car fare Cedar Falls, .10, Cedar Rapids to Cedar Falls 1.17, street car fare Cedar Falls .10, carriage Iowa City .25; 7th, Cedar Falls to Cedar Rapids 1.17, Cedar Rapids to Iowa City .50, Cedar Rapids, Montrose Cafe, D. .50; 10th, postage 4.00; 14th, telephone Iowa City to Ames, to President Stanton .80, telephone Iowa City to Cedar Rapids, Prof. A. V. Storm .50; 15th, telegram Iowa City to Storm Lake, W. C. Edson .40, postage on scholarship letters 6.00; 22d, Iowa City to Council Bluffs 5.26, sleeper Iowa City to Council Bluffs 1.50; 23rd, Council Bluffs to Silver City .30, Council Bluffs, Grand Cafe, B. .50, D. .50, transfer hotel cafe, S. .50, Silver City, City Hotel, L. .50, street car Council Bluffs .15; 24th, Silver City to Malvern .16, Malvern to Red Oak .38, Silver City, City Hotel, B. .50, Malvern, Cottage Hotel, D. .50, carriage Red Oak .25, telegram Red Oak to Iowa City, office .40; 25th, Red Oak to Council Bluffs 1.05, Council Bluffs to Iowa City 5.26, Council Bluffs, Transfer Restaurant, S. .50, carriage Iowa City .25; 26th, postage 2.00, typewriter ribbon .75; 30th, Iowa City to Cedar Rapids .50, Cedar Rapids to Cedar Falls 1.17; Cedar Falls, Burr House, L. .50, street car fare Cedar Falls .10, postage 2.00, stenographic service of Jas. Sims and Percy Van Nostrand, as per bill 38.00.....	\$ 79.97
July 1st,	Cedar Falls to Cedar Rapids 1.17, Cedar Rapids to Iowa City .50, Cedar Falls, Burr Hotel, B. .50, D. .50, Cedar Rapids, restaurant, S. .25, carriage Iowa City .25; 4th, telephone, Iowa City to Cedar Rapids, J. H. Trewin .35; 8th, postage 4.00; 14th, paper fasteners .25; 15th, postage, general letter to high schools of state 7.00; 17th, telephone P. E. McClenahan, Iowa City to Des Moines 1.10; 23rd, postage 2.00; 31st, telephone E. F. Schall, Iowa City, Fort Madison .60; stenographic services, as per bill 23.75, supplies, as per bill 2.25.....	\$ 44.47
P. E. McCLENAHAN—		
Aug. 2nd,	Des Moines to Iowa City 2.41, Iowa City, Burkley, L. 1.00, bus (night) .25; 3d, Iowa City to Des Moines, 2.41, Iowa City, Burkley, B. .55, D. .50, S. .50; 7th, Des Moines to Iowa City 2.41, Iowa City, Burkley, D. .50, S. .50, L. 1.00, bus Iowa City .25; 8th, Iowa City to Des Moines 2.41, Iowa City, Colonial Cafe, B. .35; 14th, Des Moines to Iowa City, 2.41, Iowa City, Colonial, S. .35; 15th, Iowa City, Colonial, B. .35, Burkley, D. .50, S. .50, L. 1.00; 16th, Iowa City, Colonial, B. .35, S. .45, Burkley, D. .50, L. 1.00; 17th, Iowa City to Des Moines 2.41; Iowa City, Colonial, B. .35, Burkley, D. .50; 21st, amount paid Miss Carrie M. Powelson for stenographic work done August 10th and 11th, 4.00, postage 1.20.....	\$ 30.91
Sept. 6th,	Des Moines to Waterloo 2.10, dining car, S. .85, Waterloo, Ellis Hotel, L. 1.50; 7th, Waterloo to Vinton .68, Waterloo, Ellis Cafe, B. .40; 8th, Vinton to Waterloo .68, Waterloo to Cedar Falls .16, Waterloo, Irving, D. .50, seat on observation car (no seats in other cars) .50; 9th, Cedar Falls to Des Moines 2.15, dining car, S. .65; 13th, Des Moines to Dallas Center .42, Dallas Center, Dallas Center House, S. .35, L. .50; 14th, Dallas Center to Gowrie .93, Gowrie, Kennedy House, B. .30, D. .35, S. .50; 15th, Gowrie to Des Moines 1.35, Gowrie, Kennedy House, B. .50, D. .50, S. .50, L. .50; 18th, Des Moines to Iowa City 2.41, Iowa City, Burkley, L. 1.00, street car Des Moines .05; 19th, Iowa City, Colonial, B. .40, Merchants, D. .50, Burkley, S. .50, L. 1.00; 20th, Iowa City, Merchants Cafe, B. .45, Colonial Cafe, D. .65; 21st, Iowa City to Brooklyn 1.01, Brooklyn, Brooklyn House, S. .50, L. .50; 22d, Brooklyn to Colfax .94, Colfax to Des Moines .42, dining car, B. .80, Colfax, Morrison House, D. .50, street car Des Moines .05; 25th, Des Moines to Dallas Center .42, Dallas Center, Dallas House, S. .35, street car fare Des Moines .65; 26th, Dallas Center, Dallas House, D. .35,	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	S. .35; 27th, Dallas Center to Grand Junction .57, Grand Junction to Ames .67, Grand Junction, Depot Hotel, D. .50, Ames, Ames Hotel, S. .50, L. .50; 28th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, street car Ames .20; 29th, Ames to Des Moines .68, Ames, Ames Hotel, B. .50, College Cafe, D. .30, street car Ames .05.....	\$ 36.54
Oct. 2nd,	Ada Stevens, stenographer, 3½ hours at 30 cents an hour 1.05; 3rd, Des Moines to Mitchellville .32 (Interurban), Mitchellville, Cottage House, D. .35, S. .35, L. .50; Ada Stevens, stenographer, 6½ hrs, at 30 cents per hour 1.95; 4th, Mitchellville to Des Moines (Interurban) .32; Mitchellville, Cottage House, B. .35, D. .35, S. .35, car fare .05; 5th, Des Moines to Earlham .50 (Rock Island) Earlham, Windsor House, D. .50, S. .50, L. .50, street car Des Moines .05; 6th, Earlham to Des Moines .50 (Rock Island), Earlham, Windsor House, B. .50, D. .50, S. .50, street car Des Moines .05; 10th, Des Moines to Cedar Falls 2.15 (Great Western), Cedar Falls to Parkersburg (Illinois Central) .37, on dining car, D. .65, Parkersburg, Hotel Parkersburg, S. .50, L. .50, street car fare .05; 11th, Parkersburg to Ackley (Illinois Central) .28; Parkersburg, Hotel Parkersburg, B. .50, D. .50, Ackley, Ackley House, S. .50, L. .50; 12th, Ackley to Iowa Falls (Illinois Central) .21; Ackley, Ackley House, B. .50, D. .50, Iowa Falls, Woods Hotel, S. .50, L. .50; 13th, Iowa Falls to Des Moines (St. Paul & Des Moines) 1.52, Iowa Falls, Woods Hotel, B. .50, D. .50, bus fare .25, street car fare .05; 16th, Des Moines to Waterloo (Great Western) 2.12, Waterloo, Ellis Hotel, L. 1.50; 17th, Waterloo to Oelwein (Great Western) .54, Oelwein to West Union (Rock Island) .42, Waterloo, Ellis Hotel, B. .45, Oelwein, Mealy, D. .50, S. .50, West Union, Commercial Hotel, L. .50, bus fare .25; 18th, West Union to Postville .47 (Rock Island) West Union, Commercial Hotel, B. .50, D. .50, S. .50, Postville, Commercial Hotel, L. .50; 19th, Postville to Decorah .53, Postville, Commercial Hotel, B. .50, D. .50, Winneshiek, Decorah Hotel, S. .50, L. 1.00; 20th, Winneshiek, Decorah Hotel, B. .50, D. .50, S. .50, L. .75; 21st, Decorah to New Hampton (Milwaukee) .80, New Hampton to Oelwein .68 (Great Western), Oelwein to Cedar Falls .80, New Hampton, Miller House, D. .50, Winneshiek, Decorah Hotel, B. .50, dining car Great Western, S. .70, New Hampton, bus .25; 23d, Cedar Falls to Charles City .85 (Illinois Central), Charles City to New Hampton .39, Charles City, Hildreth Hotel, D. .50, S. .50, New Hampton, Miller Hotel, L. .75, New Hampton, bus .25; 24th, New Hampton to Calmar .45 (Milwaukee) New Hampton, Miller Hotel, B. .50, D. .50, Calmar, Pierce Hotel, S. .50, L. .50; 25th, Calmar to Lawler (Milwaukee) .36, Calmar, Pierce Hotel, B. .50, D. .50, Lawler, Burns Hotel, S. .50, L. .50; 26th, Lawler to New Hampton (Milwaukee) .18, New Hampton to Des Moines (Great Western) 3.31, Lawler, Burns Hotel, B. .50, New Hampton, Miller Hotel, D. .50, dining car Chicago & Great Western, S. .65, telephone Lawler to Calmar, to Father H. P. Ryan about school .25, stenography work done for former inspector (bill just O. K'd by him and presented) 1.50; 31st, express from Urbana, Illinois on paper from the North Central Association to Iowa Inspector .55.....	\$ 56.00
Nov. 14th,	Des Moines to Waterloo 2.12 (C. & G. W.); street car, Des Moines .05; S. (dining car) .65, Waterloo, Ellis, L. 1.50; 15th, Waterloo to Independence, Ill. Central .48, carriage Independence .25, Waterloo, Ellis Cafe, B. .50, Independence, Gedney, D. .50, S. .50, L. .50; 16th, Independence to Manchester, I. C. .45, Manchester to Cedar Rapids, I. C. .84, Manchester, Clarence House, D. .50, Independence, Gedney, B. .50, Independence, Montrose, S. .60, L. 2.00; 17th, Cedar Rapids to Lisbon .35 (C. & N. W.) Lisbon to Cedar Rapids, C. & N. W. .35, Lisbon, Commercial Cafe, B. .45, Lisbon, Commercial Cafe, D. .50, Cedar Rapids, Montrose Cafe, C. .60, Montrose Hotel, L. 1.50, Lisbon, bus .25; 18th, Cedar Rapids to Iowa City, Interurban .65, Cedar Rapids, Montrose Cafe, B. .65, Iowa City, Burkley, Imperial, D. .50, S. .50, L. 1.00; 19th, Iowa City, Burkley Imperial, B. .60, D. .35, S. .50, L. 1.00; 20th, Iowa City, Burkley Imperial, B. .50, D. .50, S. .35, L. .75; 21st, Iowa City to Des Moines 2.41, Iowa City, Burkley Imperial, B. .50, D. .50; 26th, Des Moines to Ames, Northwestern .74, Ames, Ames Hotel, S. .50, L. .50, Des Moines, car fare .05; 27th, Ames to Goldfield, Chi. Northwestern 1.12, Goldfield to Livermore .35, Ames, Depot Cafe, B. .45, Goldfield, Hanna House, D. .50, Livermore, St. James, S. .50, L. .50, Goldfield, bus .25; 28th, Livermore to West Bend, C. R. I. & P. .32, Livermore, St. James, S. .50, D. .50, West Bend, Union, S. .50, L. .50; 29th, West Bend to Des Moines,	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Rock Island to Iowa Falls, Short Line to Des Moines 8.30, West Bend, Union, B. .50, Dows, Dows House .50, Iowa Falls, lunch .40, Iowa Falls, bus .25	\$ 39.93
December 4th,	Des Moines to Rolfe, 2.12 (M. & St. L.), Rolfe, Tremont, Hotel, S. .50, L. .50, street car .05; 5th, Rolfe to Ruthven (M. & St. L.), .59, Rolfe, Tremont, B. .50, D. .50, Ruthven, Kennedy, S. .50, L. .50; 6th, Ruthven to Clear Lake (C. M. & St. P.), 1.50, Ruthven, Kennedy, B. .50, D. .50, dining car, S. .65, Clear Lake, Elk's, L. .50, bus .25; 7th, Clear Lake to Mason City, (Interurban) .25, Clear Lake, Elk's Hotel, B. .50, D. .50, Mason City, Cerro Gordo, S. .50, L. 1.00; 8th, Mason City to Ackley, Iowa Central, .80, Mason City, Cerro Gordo, B. .50, D. .50, Ackley, Ackley Hotel, S. .50, L. .50, bus .25, street car, Mason City to high school .10; 9th, Ackley to Aplington, Ill. Cent. .19, Aplington to Waterloo, Ill. Cent. .61, Ackley, Ackley House, B. .50, Aplington, Hotel, D. .50, Waterloo, Sindlinger Cafe, S. .40, Waterloo, Logan House, L. 1.00; 10th, Waterloo to Des Moines, C. G. W. 2.12, Waterloo, Ellis Cafe, B. .50, D. .60, dining car, S. .75, street car, Des Moines, .05; 13th, Des Moines to Spencer, C. M. & St. P., 3.15, dining car, D. .75, Spencer, Earling Hotel, S. .50, L. .75, Des Moines, street car, .05; 14th, Spencer to Spirit Lake, C. M. & St. P., .40, Spencer, Earling, B. .50, D. .50, Spirit Lake, Antlers, S. .50, L. .50, bus, night, .25; 15th, Spirit Lake, Antlers, B. .50, D. .50, S. .50, L. .50; 16th, Spirit Lake, Antlers, B. .50, D. .50, S. .50, L. .50; 17th, Spirit Lake, Antlers, B. .50, D. .50, S. .50, L. .50; 18th, Spirit Lake to Lake Park, .23, Lake Park to Estherville .50, Spirit Lake, Antlers, B. .50, Lake Park, Lake Park Hotel, D. .50, Estherville, Orleans, S. .50, L. .50; 19th, Estherville, Orleans, B. .50, D. .50, S. .50, L. .50; 20th, Estherville to Ft. Dodge, 2.00, Ft. Dodge to Des Moines, 1.73; Ft. Dodge, Ill. Cent. Cafe, D. .40, Estherville, Orleans, D. .40, bus, night, .25, street car Des Moines .05	\$ 46.50
1912 January 22d,	Des Moines to Reinbeck, Great Western, 1.76, Reinbeck to Waterloo, .34, Reinbeck, Windsor, D. .50, S. .50, Waterloo, Ellis, L. 1.00, Des Moines, street car, .05; 23d, Waterloo to Vinton, Rock Island, .58, Waterloo, Ellis Cafe, B. .45, D. .65, Vinton, Ralysa, S. .50, L. .50; 24th, Vinton, Ralysa, B. .50, D. .50, S. .50, L. .50; 25th, Vinton to Dysart, .31, Dysart to Traer, Rock Island, .17, Vinton, Ralysa, B. .50, Dysart, Bob White, D. .50, Traer, Oxford, S. .50, L. .50; 26th, Traer to Bella Plaine, C. & N. W. .48, Bella Plaine to Des Moines, C. & N. W., 2.18, Traer, Oxford, B. .50, D. .50, Ames, Depot Cafe, S. .50, Traer, bus, .25, Des Moines, street car, .05; 29th, Des Moines to Valley Junction .05, Valley Junction to Des Moines, .05, Valley Junction, St. Joe hotel, D. .50; 30th, Des Moines to Redfield, C. M. & St. P. .63, Redfield to Des Moines, .63, Redfield, Winter Cafe, D. .45, C. M. & St. P. dining car, S. .65, Des Moines, street car, .10; 31st, Des Moines to Iowa City, Rock Island, 2.41, Rock Island dining car, D. .75, Iowa City, Burkley, S. .50, L. 1.00, Des Moines, street car .05, Iowa City, street car .05	\$ 23.50
February 1st,	Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 2d, Iowa City to Des Moines, 2.41 (Rock Island), Iowa City, Bon Ton Cafe, B. .15, Burkley, D. .50, Rock Island dining car, S. .90, street car, Des Moines, .05; 5th, Des Moines to Albia, 1.36, (Rock Island), Albia, Monroe, L. .50, street car, Des Moines, .05, bus (night), .25, bus, .15; 6th, Albia to Centerville, .74, (Iowa Central Traction Company), Albia, Monroe, B. .50, D. .50, Centerville, Continental, S. .50, L. .75, bus, .25; 7th, Centerville, Continental, B. .50, D. .50, S. .50, L. .75; 8th, Centerville to Mystic, .15, (Interurban), Mystic to Seymour, .34, Centerville, Continental, B. .50, Mystic, Reynolds, D. .50, S. .50, Seymour, Windsor, L. .50, street car, Centerville, .05; 9th, Seymour to Moravia, .47, C. M. & St. P., Moravia, to Des Moines (Wabash), 1.60, Seymour, Windsor, B. .50, D. .50, Moravia, Moravia House, S. .50, bus, Moravia, .25; 12th, Des Moines to Brooklyn, 1.40, Brooklyn, Brooklyn, S. .50, L. .50, street car Des Moines .05; 13th, Brooklyn to Oxford, .73 (Rock Island), Oxford to Iowa City (Rock Island), .29, Brooklyn, Brooklyn, B. .50, Oxford, Oxford, D. .50, Iowa City, Burkley, S. .50, L. 1.00, street car, Iowa City, .05; 14th, Iowa City to Cedar Rapids, .65 (Interurban), Cedar Rapids to Waterloo, 1.05 (Rock Island), Iowa City, Burkley, B. .50, Cedar Rapids, Montrose, D. .75, Waterloo, Ellis, S. .60, L. 1.50; 15th, Waterloo to Cedar Falls, .15 (Interurban), Waterloo, Ellis Cafe, B. .35, Tea Room, Normal	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Hill, D. .55, Cedar Falls, Burr Hotel, S. .50, L. .50, street car, Cedar Falls, .05; 16th, Cedar Falls to Des Moines, 2.16 (Great Western), Cedar Falls, Burr Hotel, B. .50, dining car, Great Western, D. .80, street car, Des Moines, .05; 19th, Des Moines to Ames, .72 (Interurban), Ames, Ames Hotel, S. .50, L. .50; 20th, Ames, Ames Hotel, B. .50, D. .50, S. .50, L. .50, street car, Ames to College, .05, street car College to Ames .05; 21st, Ames to Colo (Northwestern) .31, Colo to Ames (Northwestern), .31, Ames to Carroll (Northwestern), 1.33, Ames, Ames Hotel, B. .50, Colo, Dean, D. .50, dining car, O & Gt. Western, S. .75, Carroll, Burke, L. .75; 22d, Carroll, Burke, B. .50, S. .50; 23d, Carroll to Audubon, .69 (Northwestern), Audubon to Griswold, .80, Audubon, Park, B. .50, D. .50, Griswold, Arlington, L. .50, S. .50, bus, Audubon, .25; 24th, Griswold to Atlantic (Rock Island), .29, Atlantic to Des Moines, 1.64, Griswold, Arlington, B. .50, street car, Des Moines .05; 25th, Des Moines to St. Louis (Wabash), 7.80, sleeper, Des Moines to St. Louis, 2.00; 26th, Wabash dining car, B. .75, depot cafe, Moberly, D. .85, St. Louis, Restaurant, S. .20, American, L. 1.00, street car, St. Louis, .05; 27th, St. Louis, American Cafe, B. .50, Laclede Hotel, D. .75; S. .60, American, L. 1.50, Enrollment Fee, N. E. A., 4.00; 28th, American Cafe, St. Louis, B. .50, Laclede Hotel, St. Louis, D. .70, American Cafe, St. Louis, S. .50, American Hotel, St. Louis, L. 1.50; 29th, St. Louis to Des Moines, 5.90, St. Louis, American Hotel, B. .50, Cafe, D. .20, Depot Cafe, S. .35, sleeper St. Louis to Des Moines, Wabash, 2.00, Validation Certificate, .25, street car, Des Moines, .05	\$ 84.99
March 5th,	Des Moines to Gladbrook, 1.50, Gladbrook, Commercial, L. .50, street car, Des Moines, .05; 6th, Gladbrook to Waterloo, Great Western, .63, Waterloo to Sheldon, Ill. Cent., 4.28, Gladbrook, Commercial, B. .50, Waterloo, Hummel, D. .40, Ellis, S. .60, Ill. Cent., sleeper, L. 1.50; 7th, Sheldon to Sioux City, Ill. Cent. 1.14, Sheldon, Arlington, B. .50, D. .50, Sioux City, West Hotel, S. .75, L. 2.00, street car .80; 8th, Sioux City, West, B. .45, D. .60, Howard, S. .35, West, L. 2.00; 9th, Sioux City to Council Bluffs, 1.94, Council Bluffs to Des Moines, 2.83, Sioux City, West, B. .50, dining car, D. .70, dining car, S. .80; 11th, Des Moines to Indianola, Rock Island, .44, Indianola to Chariton, C. B. & Q. .68, Indianola, Travelers Friend, S. .50, Chariton, Bates, L. .50, street car, Des Moines, .05, bus, Chariton, night, .25; 12th, Chariton to Fairfield, 1.58, C. B. & Q., Chariton, Bates, B. .50, D. .50, Depot Hotel, Ottumwa, S. .50, Fairfield, Legget Hotel, L. .75, Fairfield, bus, night, .25; 13th, Fairfield to Mt. Pleasant, .46, Fairfield, Legget, B. .50, D. .50, S. .50, Brazelton, L. .50, Mt. Pleasant, bus (storm), .25; 14th, Mt. Pleasant to Burlington, O. B. & Q. .56, Burlington to West Liberty, Rock Island, 1.23, Mt. Pleasant, Brazelton, B. .50, D. .50, West Liberty, Hise House, S. .50, L. .50; 15th, West Liberty to Iowa City, .31, Iowa City to Des Moines, 2.41, West Liberty, Hise House, B. .50, Iowa City, Burkley, D. .40, street car Iowa City .05, street car Des Moines .05; 17th, Des Moines to Dubuque, O. G. W. 3.98, sleeper 1.50, street car Des Moines .05; 18th, Dubuque to Elkader 1.65, Dubuque, Julien, B. .50, Elkader, D. .50, Bayless, L. .50, Dubuque, bus (4:10 a. m.) .25, Elkader, bus .25; 19th, Elkader to Girard (team, washout, train did not run) .3.00, Elkader, Bayless, B. .50, D. .50, S. .50, Girard, Neil, L. .50; 20th, Girard to McGregor (livery, washout, no trains) 2.00, McGregor to Chicago 4.60, Girard, Neil's House, B. .50, McGregor, D. .50, Savanna, Depot Hotel, S. .60, Chicago, Stratford, L. 1.75, telegram, H. A. Hollister, Chicago .30, Chicago, bus (storm), .50; 21st, Chicago, Stratford, B. .55, S. .60, L. 1.75, Tiptop, D. .60; 22d, Chicago, Stratford, B. .65, Tiptop, D. .60, S. .65, Bradley, L. 1.50; 23d, Chicago, Bradley, B. .50; 25th, Chicago to Des Moines, Rock Island, 7.00, Chicago Bradley, B. .50, dining car, D. .80, S. .65, street car, Des Moines, .05; 27th, Des Moines to Waterloo, 2.12, G. W. dining car, S. .90, Waterloo, Ellis, L. 1.50, street car, Des Moines, .05, parlor car (no seats in coach), .25; 28th, Waterloo to Cedar Falls, Rock Island, .13, Cedar Falls to Waterloo, .15, Waterloo, Ellis, B. .50, D. .50, Cedar Falls, Burr, S. .50, Waterloo, Ellis, L. 1.50, street car, Cedar Falls, .05; 29th, Waterloo, Ellis, B. .40, D. .50, S. .50, L. 1.50; 30th, Waterloo to Des Moines, 2.12, Waterloo, Ellis, B. .40, G. W. dining car, D. .60, street car, Des Moines, .05	\$ 97.68
April 4th,	Des Moines to Grinnell, Rock Island, 1.10, Grinnell, Monroe, S. .50, L. .75, street car, Des Moines, .05; 5th, Grinnell, Monroe, B. .50, D. .50, S. .50, L. .75, enrollment, Teachers' Association,	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	.50; 6th, Grinnell to Des Moines, 1.10, Grinnell, Monroe, B. .50, D. .50, street car, Des Moines, .05; 10th, Des Moines to Oskaloosa, 1.26, Oskaloosa, Lacey, L. 1.00, Lacey Cafe, S. .35, street car, Des Moines, .05; 11th, Oskaloosa, Lacey, B. .50, D. .50, S. .50, L. 1.00, street car to Penn College and return, .10; 12th, Oskaloosa to Hedrick, Iowa Central, .41, Oskaloosa, Lacey, B. .45, Hedrick, Commercial, D. .50, S. .50, L. .50, street car Penn College and return, .10; 13th, Hedrick to Sigourney, Milwaukee, .30, Sigourney to Des Moines, Rock Island, 1.73, Hedrick, Commercial, B. .50, Sigourney, Fish, D. .50, S. .50, street car, Des Moines, .05; 16th, Des Moines to Dexter, .71, Dexter to Adair, .49, Adair to Neola 1.20, Dexter, Dexter House, D. .50, Adair, Adair House, S. .50, Neola, L. .50, street car, Des Moines, .05; 17th, Neola to Manilla, Milwaukee, .80, Manilla to Charter Oak, .52, Neola, City Hotel, B. .50, Manilla, Commercial, D. .50, Charter Oak, Charter Oak Hotel, S. .50, L. .50; 18th, Charter Oak to Mapleton, Milwaukee, .32, Charter Oak, B. .50, Mapleton, Hawkins Hotel, D. .50, S. .50, L. .50; 19th, Mapleton to Lohrville, Chicago & North-Western, 1.43, Lohrville to Des Moines, 1.74, Mapleton, Hawkins, B. .50, D. .50, Milwaukee dining car, S. .85, street car, Des Moines, .05; 22d, Des Moines to Norwalk .22, Norwalk to Des Moines .22, C. B. & Q., street car, Des Moines, .10; 23d, Des Moines to Waterloo, Gt. West. 2.12, Waterloo, Hummell Cafe, D. .35, S. .50, L. 1.00, street car, Des Moines, .05; 24th, Waterloo to Waverly, .45 (Waterloo, Cedar Falls & Northern), Waverly to Clarksville, Rock Island, .34, Clarksville to Cedar Falls, R. I., .45, Waverly, Fortner, B. .50, Clarksville, D. .50, Cedar Falls, Burr, S. .50; 25th, Cedar Falls to Independence, I. C., .62, Independence to Center Point, .42, Center Point, to Cedar Rapids, Rock Island, .32, Cedar Falls, Burr, B. .50, Center Point, Commercial, D. .50, Cedar Rapids, Allison, S. .50, L. 1.00, Independence transfer, .25; 26th, Cedar Rapids to Belle Plaine, .70, Belle Plaine to Blairstown, .22, Blairstown to Ames, 1.66, Ames to Des Moines, 1.66, Cedar Rapids, Allison, B. .50, Blairstown, King, D. .50, Ames, Depot Cafe, S. .50, street car, Des Moines, .05-----	48.80
May 1st,	Des Moines to Cedar Rapids, 2.88, Northwestern Ry., Cedar Rapids to Mt. Vernon, .34, Ames, Depot Hotel, S. .50, Mt. Vernon, Altoona, L. .50, street car Des Moines .05, bus, night, Mt. Vernon .25; 2d, Mt. Vernon to Cedar Rapids .34, N. W., Cedar Rapids to Iowa City .65, Interurban, Mt. Vernon, Altoona, B. .50, D. .50, Iowa City, Burkley, S. .50, L. 1.00; 3d, Iowa City, Merchants Cafe, B. .35, Burkley, D. .50, L. 1.00; 4th, Iowa City to Des Moines 2.41, Rock Island, Iowa City, Burkley, B. .50, street car Des Moines .05; 6th, Des Moines to Marshalltown 1.18, dining car G. W. S. .75, Marshalltown, Pilgrim, L. 1.00, parlor car, no seats in coach .25, street car Marshalltown .05; 7th, Marshalltown to Union, Iowa Central .35, Union to Conrad, livery, 2.00, Conrad to Gladbrook, .18, Gladbrook to Waterloo, .64, Pilgrim, Marshalltown, B. .50, Union, City Hotel, D. .50, Gladbrook, Commercial, S. .50, Waterloo, Ellis, L. 1.50; 8th, Waterloo to Cedar Falls, .15, Cedar Falls to Reinbeck, .42, Cedar Falls, S. .50, Reinbeck, Windsor, L. .50; 9th, Reinbeck to Grundy Center, R. I., .18, Reinbeck, Windsor, B. .50, Grundy Center, Columbia, D. .50, S. .50, L. .50, Grundy Center, bus, .25; 10th, Grundy Center, to Clarion, R. I., 1.16, Clarion to Ft. Dodge, .56, Grundy Center, Columbia, B. .50, Dows, Dows Hotel, D. .50, Ft. Dodge, Crawford, S. .50, L. .75; 11th, Ft. Dodge to Des Moines, 1.70, Ft. Dodge, Crawford, B. .50, street car, Des Moines, .05; 13th, Des Moines to Ames, .74, Ames to Cedar Rapids, 2.14, Ames, Depot Hotel, S. .50, Cedar Rapids, Allison, L. 1.50, street car, Des Moines, .05; 14th, Cedar Rapids to Marion .12, Cedar Rapids, Allison, B. .50, Marion, Daniels, D. .35, Marion, Biggs, S. .50, L. .50; 15th, Marion to Preston 1.34, Preston to Maquoketa .37, Depot restaurant B. .35, Maquoketa, Decker, D. .50, S. .50, L. .50, bus .25; 16th, Maquoketa to DeWitt .39, DeWitt to Clarence .56, Clarence to Stanwood, livery 1.00, Stanwood to Cedar Rapids .32, Maquoketa, Decker, B. .50, DeWitt, Dell, D. .50, Stanwood, Depot Hotel, S. .50, Cedar Rapids, Allison, L. 1.00, DeWitt, bus (rain), .25; 17th, Cedar Rapids to Ames, 2.14, Ames to Des Moines, .72, Cedar Rapids, Allison, B. .50, D. .50, telephone, Board of Education, Lisbon, (overtime), .80; 22d, Des Moines to Manson, Rock Island, 1.78, street car, Des Moines, .05; 23d, Manson to Fonda, .33, Fonda to Marathon, .41, Marathon to Storm Lake, .56, Manson, Long, B. .50, Marathon, Windsor, D. .50, Storm Lake, Bradford, S. .50, L. .75; 24th, Storm Lake to Sac City, .40, Sac City to Schaller, .34, Schaller to Carroll, .97, Storm Lake, Bradford, B. .50, Schaller, City	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	Hotel, D. .50, S. .50, Carroll, Burk's L. .75; 25th, Carroll to Grand Junction, .66, Grand Junction to Des Moines, .99, Burk's, Carroll, B. .50; 29th, Des Moines to Ames, .72, Ames, Ames Hotel, S. .50.....	\$ 65.54
June 4th,	Page Center to Clarinda .14, Clarinda to Villisca .30, C. B. & Q., Villisca to Malvern, .80, Malvern, S. .50, L. .50, Malvern, bus, .25; 5th, Malvern to Osceola, 2.04, Osceola to Des Moines, 1.16, Malvern, B. .50, Red Oak, Depot Hotel, D. .50, street car, Des Moines .05; 11th, Des Moines to Iowa City, R. I., 2.41, Iowa City, Burkley, S. .50, L. 1.00, Des Moines street car .05; 12th, Iowa City, Burkley, B. .40, D. .50, Iowa City, Cafeteria, S. .42, L. 1.00; 13th Iowa City to Des Moines, R. I., 2.41, Iowa City, Burkley, B. .50, D. .50, Des Moines street car, .05; 19th, Des Moines to Ames Campus, .68, Ames, College Cafe, D. .30, S. .50, College Y. M. C. A., L. 1.00; 20th, Ames College Y. M. C. A., B. .25, D. .30, S. .30, L. 1.00; 21st, Ames to Des Moines, .68, Ames, College Y. M. C. A., B. .25, D. .30; 23d, Des Moines to Cedar Falls 2.16, G. G. W. dining car, S. .75, street car, .05; 24th, Cedar Falls to Ackley, .65, I. O., Ackley to Sheffield, .53, Sheffield, Vermilya, S. .50, L. .50; 25th, Sheffield to Ackley .53, Ackley to Cedar Falls .65, Sheffield, Vermilya, B. .50, Ackley, bus .25; 26th, Cedar Falls, Burr, D. .50, street car, .20; 27th, Cedar Falls, Burr, S. .50, College dining hall, D. .31, street car, .20; 28th, Cedar Falls to Des Moines, 2.16, Cedar Falls, Burr, D. .50, G. W. dining car, S. .75, street car Cedar Falls .20.....	\$ 34.43
1910	J. W. BOWDISH. August 25th, Des Moines to Iowa City, 2.41, Iowa City, Bon Ton restaurant, S. .45, Burkley, L. .75; 26th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 27th Iowa City, Burkley, B. .50, D. .50 29th, Iowa City, Burkley, S. .50, L. 1.00; 30th, Iowa City, Burkley B. .50, S. .50, L. 1.00, Burkley restaurant, D. .30; 31st, Iowa City to Des Moines, C. R. I. & P. 2.41; Iowa City, Burkley, B. .50, D. .50; Sept. 5th, Des Moines to Iowa City 2.41; dinner on train .50; Iowa City, Burkley, L. 1.00; 6th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00, 7th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 8th, Iowa City, Burkley, B. .50, D. .50, S. .50, L. 1.00; 9th, Iowa City to Des Moines 2.41; Iowa City, Burkley, B. .50, D. .50, S. .50.....	\$ 29.64
	October 17th, Des Moines to Ames, Interurban, .70; Ames, Y. M. C. A. Cafe, D. .25; Ames Hotel, S. .50, L. .50; street car, Ames, .05 (work on College books); 18th, Ames to Des Moines, Interurban .70; Des Moines to Ames, Interurban .70, Ames, Ames Hotel, B. .50, S. .50, L. .50, street car Ames .05; (counting college balance at Valley National Bank in Des Moines); 19th, Ames to Cedar Rapids 2.14, C. & N. W. Ry., Ames, Ames Hotel, B. .50, S. .50, Y. M. C. A., D. .25; Cedar Rapids, Allison Hotel, L. 1.50; street car Ames, .10; 20th, Cedar Rapids to Iowa City, .65; (Interurban) Cedar Rapids, Allison Hotel, B. .50; Iowa City, Burkley Restaurant, D. .30; Burkley Hotel, S. .50, L. 1.00; 21st, Iowa City to Des Moines, 2.41 (C. R. I. & P. Ry.); Iowa City, Burkley, B. .50, D. .50; 31st, Des Moines to Campus (Interurban) .70; Ames, Y. M. C. A., D. .25; Ames Hotel, S. .50, L. .50; street car, Ames, .05.....	18.80
	November 1st, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., D. .25; street car, Ames, .10; 2nd, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., D. .25; street car Ames .10; 3rd, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., D. .25; street car .10; 4th, Ames to Des Moines, Interurban .70; Ames, Ames Hotel, B. .50; Y. M. C. A., D. .25; 7th, Des Moines to Iowa City 2.41 (C. R. I. & P. Ry.); Iowa City, Olympian Restaurant, S. .45; Burkley Hotel, L. 1.00; 8th, Iowa City to Cedar Rapids, Interurban, .65; Cedar Rapids to Cedar Falls, C. R. I. & P., 1.17; Iowa City, Burkley Hotel, B. .50; Cedar Rapids, Pullman Restaurant, D. .25; Cedar Falls, Burr's Hotel, S. .50, L. .50; 9th, Cedar Falls, Burr's Hotel, B. .50, D. .50, S. .50, L. .50; street car, Cedar Falls, .10; 10th, Cedar Falls, Burr's Hotel, B. .50, D. .50, S. .50, L. .50; street car, Cedar Falls, .20; 11th, Cedar Falls, Burr's Hotel, B. .50, D. .50, S. .50, L. .50; 12th, Cedar Falls to Des Moines, G. G. W., 2.15; Burr's Hotel, Cedar Falls, B. .50; 17th, Des Moines to Campus, Interurban .70; Ames, Y. M. C. A., D. .25; Ames Hotel, S. .50, L. .50; street car Ames .05; 18th, Ames, Ames Hotel, B. .50, L. .50; Y. M. C. A., D. .25; Methodist Church, S. .35; street car, Ames, .10;	

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	19th, Ames to Des Moines, Interurban, .50; Ames, Ames Hotel, B. .50; Y. M. C. A., D. .25; street car, .05; 21st, Des Moines to Ames, Interurban, .70; Ames, Y. M. C. A., D. .25; Ames Hotel, S. .50, L. .50; street car, Ames, .05; 22nd, Ames, Ames Hotel, B. .50; Y. M. C. A., D. .25; Mrs. Sloss, L. .50; street car, .05; 23rd, Ames to Des Moines, O. & N. W. Ry., .74; Ames, Mrs. Sloss, B. .50; Y. M. C. A., D. .25; 29th, Des Moines to Ames, Interurban, .70; Ames, Y. M. C. A., D. .25; Ames Hotel, S. .50, L. .50; street car, Ames, .05; 30th, Ames, Ames Hotel, B. .50 S. .50, L. .50; Y. M. C. A. D. .25; street car, Ames, .10-----	37.02
	December 1st, Ames, Ames Hotel, B. .50, L. .50; Y. M. C. A., D. .25; S. .25; street car, .10; 2nd, Ames to Des Moines, Interurban, .50; Ames, Ames Hotel, B. .50; Y. M. C. A., D. .25; street car, Ames, .05; 5th, Des Moines to Ames, Interurban, .70; Ames, Y. M. C. A., D. .25; Ames Hotel, S. .50, L. .50; street car, Ames, .05; 6th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., D. .25; street car, .10; 7th, Ames, Ames Hotel, B. .50, S. .50, L. .50; street car, Ames, .10; 8th, Ames, Ames Hotel, B. .50, Y. M. C. A., D. .25; street car, Ames, .05; Ames to Des Moines, Interurban, .50-----	9.65
1911	March 6th, Des Moines to Ames, Interurban, .70; Ames, Y. M. C. A., D. .25; Ames Hotel, S. .50, L. .50; street car Ames .05; 7th, Ames, Ames Hotel, B. .50, S. .50, L. .50; street car, Ames, .10; 8th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., D. .25; street car, Ames, .10; 9th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., D. .25; street car, Ames, .05; 10th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., D. .25; street car, Ames, .10; 11th, Ames to Des Moines, Interurban, .50; Ames, Ames Hotel, B. .50; Champlains, D. .20; street car, Ames, .05; 13th, Des Moines to Ames, Interurban .70; Ames to Des Moines, Interurban .50; Ames, Y. M. C. A., D. .25-----	11.80
	April 5th, Des Moines to Ames, .70; Ames to Des Moines, Interurban, .50; May 3rd, Des Moines to Ames, Interurban .70; Ames, Ames Hotel, S. .50, L. .50; Y. M. C. A., D. .25; street car Ames .05; 4th, Ames, Ames Hotel, B. .50, D. .50, L. .50; street car Ames .10; 5th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., D. .25; street car Ames .10; 6th, Ames to Des Moines, Interurban .50; Ames, Ames Hotel, B. .50, D. .50; street car, Ames .10; 8th, Des Moines to Ames, Interurban .70; Ames, Ames Hotel, D. .50, S. .50, L. .50; street car Ames .05; 9th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., D. .25; street car, Ames, .10; 10th, Ames, Ames Hotel, B. .50, L. .50; Y. M. C. A., D. .25; Mrs. Sloss, S. .50; street car, Ames, .10; 11th, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., D. .25; street car, Ames, .10; 12th, Ames to Des Moines, Interurban, .50; Ames, Ames Hotel, B. .50; Y. M. C. A., D. .25-----	17.80
	June 1st, Des Moines to Ames (city), Interurban, .70; Ames, Ames Hotel, D. .50, S. .50, L. .50; street car, Ames, .10; 2nd, Ames, Ames Hotel, B. .50, S. .50, L. .50; Y. M. C. A., Campus, D. .25; street car, Ames, .10; 3rd, Ames (city) to Des Moines, .55; Interurban; Ames, Ames Hotel, B. .50; 13th, Des Moines to Ames (Campus) Interurban, .70; Ames, Mrs. G. P. Bowdish, D. .40, S. .40, L. .50; street car, Ames, .10; 14th, Mrs. G. P. Bowdish, Ames, B. .40, D. .40, L. .50; street car, Ames, .20; 15th, Mrs. G. P. Bowdish, S. .40, D. .40, S. .40, L. .50; street car, Ames, .20; 16th, Mrs. G. P. Bowdish, Ames, B. .40, D. .40, S. .40, L. .50; street car, Ames, .20; 17th, Ames (Campus) to Des Moines, Interurban, .50; Ames, Mrs. G. P. Bowdish, B. .40, D. .40; street car, Ames, .10; 20th, Des Moines to Ames (Campus) Interurban .70; Mrs. G. P. Bowdish, Ames, D. .40, S. .40, L. .50; street car, Ames, .15; 21st, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, S. .40, L. .50; street car, Ames, .20; 22nd, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, S. .40, L. .50; street car, Ames, .20; 23rd, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, S. .40, L. .50, street car .20; 24th, Ames (Campus) to Des Moines, Interurban .50, Ames, Mrs. G. P. Bowdish, B. .40, street car Ames .05; 30th, Des Moines to Ames, Interurban .70, Ames to Cedar Rapids, O. & N. W. 2.14, Cedar Rapids, Montrose, L. 1.50, dinner and supper with friends, street car Ames .05; July 1st, Cedar Rapids to Vinton, O. R. I. & P. .47, Vinton to Cedar Rapids .47, Cedar Rapids, Montrose Hotel, B. .45, hack, station to College, Vinton .25; 2nd, Cedar Rapids, Montrose Hotel, L. 1.50;	

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
	3rd, Cedar Rapids to Ames, O. & N. W. 2.14, Cedar Rapids, Montrose Hotel, B. .45; 5th, Ames to Des Moines .55 (Interurban)-----	\$ 33.47
July 7th,	Des Moines to Ames .70 (Interurban) Ames, Mrs. G. P. Bowdish, D. .40, S. .40, L. .50, street car Ames .15; 8th, Ames to Des Moines (Interurban) .55, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, street car Ames .10; Aug. 2d, Des Moines to Iowa City 2.41 (C. R. I. & P.); Iowa City, Merchants restaurant, S. .40, Burkley Hotel, L. 1.25; 3rd, Iowa City, Burkley, B. .40, D. .50, S. .50, L. 1.25; 4th, Burkley Hotel, Iowa City, B. .40, S. .50, L. 1.25, Bon Ton Cafe, D. .40; 5th, Iowa City to Des Moines (C. R. I. & P.) 2.41, Iowa City, Burkley Hotel, B. .45, D. .50; 15th, Des Moines to Iowa City 2.41 (C. R. I. & P.), Iowa City, Colonial Cafe, S. .45, Burkley Hotel, L. 1.00; 16th, Burkley Hotel, Iowa City, B. .45, D. .50, S. .50, L. 1.25; 17th, Iowa City, Burkley Hotel, B. .40, L. 1.25, Merchants' Cafe, D. .30; 18th, Iowa City, Colonial Cafe, B. .25, Burkley, L. 1.25, Cafeteria, D. .40, Merchants Cafe, S. .20; 19th, Iowa City to Des Moines (C. R. I. & P.) 2.41, Burkley Hotel, B. .40; 23d, Des Moines to Iowa City (C. R. I. & P.) 2.41, Iowa City to Cedar Rapids (Interurban) .65, Iowa City, Cafeteria, S. .40, Cedar Rapids, Montrose, L. 1.50; 24th, Cedar Rapids to Vinton (C. R. I. & P.) .47, Cedar Rapids, Montrose, B. .45; 25th, Vinton to Cedar Rapids (C. R. I. & P.) .47, Cedar Rapids to Ames (C. & N. W.) 2.14, Vinton, Depot restaurant, D. .10, Ames, Mrs. G. P. Bowdish, S. .50, L. .50; 26th, Ames to Des Moines (Interurban) .72, Mrs. G. P. Bowdish, B. .50, S. .40, street car, Ames, .10-----	\$ 40.75
Sept. 19th,	Des Moines to Iowa City, C. R. I. & P. Ry. 2.41, diner, C. R. I. & P. Ry., B. .60, Iowa City, Colonial Restaurant, S. .45, Burkley Hotel, L. 1.00; 20th, Iowa City to Cedar Rapids, Interurban .65, Iowa City, Burkley Hotel, B. .45, Colonial Restaurant, D. .40, Cedar Rapids, Bismark, S. .55, Montrose Hotel, L. 1.50; 21st, Cedar Rapids to Vinton .47, C. R. I. & P. R. R., Cedar Rapids, Montrose, B. .45; 22d, Vinton to Cedar Rapids, C. R. I. & P. .47, Cedar Rapids, Montrose Hotel, L. 1.50; 23rd, Cedar Rapids to Iowa City, Interurban .65, Iowa City to Des Moines, C. R. I. & P. 2.41, Cedar Rapids, Bismark Restaurant, B. .25, Iowa City, Depot Restaurant, D. .15; 27th, Des Moines to Ames, Interurban .70, Ames, Mrs. G. P. Bowdish, D. .40, S. .40, L. .50, street car Ames .15; 28th, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, S. .40, L. .50, street car Ames .20; 29th, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, S. .40, L. .50, street car .20; 30th, Ames to Des Moines, C. & N. W. Ry. .74, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, S. .40, street car Ames .10, bus to train, Ames (raining) .10-----	\$ 22.45
Oct. 6th,	Des Moines to Iowa City, C. R. I. & P. 2.41, Iowa City, Colonial Cafe, S. .35, Burkley, L. 1.25; 7th, Iowa City, Burkley, B. .35, S. .50, L. 1.25, Cafeteria, D. .30; 8th, Iowa City, Colonial Cafe, B. .35, Clinton Cafe, S. .25, Burkley, L. 1.00; 9th, Iowa City, Burkley, B. .35, S. .50, L. 1.25, Cafeteria, D. .33; 10th, Iowa City, Burkley, B. .35, D. .50, L. 1.00, Colonial Cafe, S. .40; 11th, Iowa City to Cedar Rapids, Interurban .65, Cedar Rapids to Des Moines, O. & N. W. Ry. 2.88, Iowa City, Colonial Cafe, B. .30, Cedar Rapids, Bismark, D. .25; 18th, Des Moines to Ames, Interurban .72, Ames, Mrs. G. P. Bowdish, D. .40, S. .40, L. .50, street car, Ames, .10; 19th, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, S. .40, L. .50, street car Ames .15; 20th, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, S. .40, L. .50, street car .15; 21st, Ames to Des Moines .50, Interurban, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, street car Ames .10; 27th, Des Moines to Ames, Interurban .70, Ames, Mrs. G. P. Bowdish, D. .40, S. .40, L. .50, street car Ames .10; 28th, Ames to Des Moines, Interurban .55, Ames, Mrs. G. P. Bowdish, B. .40, D. .40, street car .10-----	\$ 27.54
Dec. 23rd,	Des Moines to Cedar Rapids (C. & N. W. Ry.) 2.88; 27th, Cedar Rapids to Cedar Falls (C. R. I. & P. Ry.) 1.17, Cedar Falls, Burr Hotel, S. .50, L. .50; 28th, Cedar Falls, Burr Hotel, B. .50, D. .50, S. .50, L. .50, street car Cedar Falls .10 (work on books of Treasurer State Teachers College); 29th, Cedar Falls to Vinton (C. R. I. & P. Ry.) .70, Vinton to Cedar Rapids (C. R. I. & P.) .47, Cedar Falls, Burr Hotel, B. .50, Cedar Rapids, Metropolitan Cafe, S. .25, Montrose Hotel, L. 1.50 (work on books of Secretary and Superintendent College for the Blind); Jan. 2, Cedar Rapids to Des Moines 2.88 (C. & N. W. Ry.) -----	13.45

SECOND BIENNIAL REPORT

TRAVELING EXPENSES—Continued.

Date	To Whom Paid and For What Purpose	Amount
1912	Feb. 20th, Des Moines to Iowa City, C. R. I. & P. Ry., 2.41, Iowa City, Mrs. Bennett, S. .35, Burkley, L. 1.00 (working on books of College Union); 21st, Iowa City, Mrs. Bennett, B. .30, D. .30, S. .35, L. 1.00, Burkley; 22d, Iowa City, Merchants Cafe, B. .35, Burkley, D. .30, S. .50, L. 1.00; 23rd, Iowa City, Mrs. Bennett, B. .30, D. .30, S. .35, Burkley, L. 1.00; 24th, Iowa City to Des Moines, C. R. I. & P. Ry. 2.41, Iowa City, Mrs. Bennett, B. .30, Restaurant at Depot, C. R. I. & P. Ry., D. .25	\$ 12.77
	Mar. 25th, Des Moines to Cedar Falls, C. & Gt. Western Ry. 2.16, Cedar Falls, Burr Hotel, D. .50, S. .50, L. .50, street car Cedar Falls .20 (checking books State Teachers College); 26th, Cedar Falls, Burr Hotel, B. .50, D. .50, S. .50, L. .50, street car Cedar Falls .20; 27th, Cedar Falls to Cedar Rapids, C. R. I. & P. Ry. 1.17, Cedar Falls, Burr Hotel, B. .50, D. .50, Cedar Rapids, Metropolitan Cafe, S. .25, Montrose Hotel, L. 1.50, street car Cedar Falls .20; 28th, Cedar Rapids to Iowa City .65, Interurban, Cedar Rapids, Montrose, B. .50, Bismark Cafe, D. .50, Iowa City, Burkley Hotel, L. 1.25, S. .50, (checking books of University); 29th, Iowa City, Merchants Cafe, B. .25, Cafeteria, D. .35, College Union, S. .35, Burkley Hotel, L. 1.25; 30th, Iowa City to Des Moines, C. R. I. & P. 2.41, Iowa City, Burkley Cafe, B. .40, Depot Restaurant, D. .35	\$ 18.94
	May 8th, Des Moines to Iowa City 2.41, C. R. I. & P. diner, D. .80, Iowa City, Burkley, S. .50, L. 1.25 (work on records of University lands); 9th, Iowa City, College Union, B. .20, Cafeteria, D. .35, Burkley, S. .50, L. 1.25; 10th, Iowa City, College Union, B. .20, Cafeteria, D. .33, Burkley, S. .50, L. 1.25; 11th, Iowa City to Des Moines 2.41, Iowa City, College Union, B. .20, Depot Cafe, D. .35; 13th, Des Moines to Iowa City 2.41, C. R. I. & P. diner, D. .80, Iowa City, Cafeteria, S. .45, Burkley 1.25; 14th, Iowa City, Burkley, B. .45, College Union, D. .30, Burkley, S. .50, L. 1.25; 15th, Iowa City, College Union, B. .20, Burkley, D. .30, College Union, S. .35, Burkley, L. 1.25; 16th, Iowa City, College Union, B. .20, Burkley, D. .30, S. .50, L. 1.25; 17th, Iowa City to Des Moines 2.41, Iowa City, College Union, B. .20, Depot Cafe, D. .35; June 1st, Des Moines to Ames Campus and return, Interurban 1.20	\$ 28.42
	LIDA M. ERWIN	
1910	Sept. 21st, Des Moines to Ames (Interurban) .70; Ames to Des Moines (Interurban) .70; Ames Alumni Cafe, dinner .20, street car Des Moines .10	\$ 1.70

SUPPLIES DRAWN FROM SUPPLY DEPARTMENT.

For the Board of Education, from July 1, 1910, to June 30, 1912, inclusive.
Paid from appropriation under code section 165.

Date	Paper	Envelopes	Pencils, pens, etc.	Baskets, brushes, brooms	Books	Rubber b ^a	Paste, ink, etc.	Sundries, soap, etc.	Postage	Amount
1910										
Third quarter	\$17.31	\$ 1.04	\$ 1.26					\$ 4.69	\$ 64.00	\$ 88.30
Fourth quarter	.66			\$.34			\$.34	1.11	40.00	42.45
1911										
First quarter	13.25	1.35	1.36	1.32	\$.35			7.75	102.00	127.38
Second quarter	7.54		.96			\$.84		6.05	50.00	71.39
Third quarter	9.85	2.71	1.30	.60		.30	\$.38	3.95	61.00	80.00
Fourth quarter	7.41		.97					3.46	50.00	67.84
1912										
First quarter	3.62		2.17		.35	.30	.44	7.14	85.00	99.02
Second quarter	13.11		1.50		.75	1.47		1.92	50.00	68.75
Totals	\$72.75	\$ 5.10	\$ 9.52	\$ 2.26	\$ 1.45	\$ 2.91	\$ 1.16	\$36.07	\$ 514.00	\$ 645.22

PRINTING BY STATE PRINTER.

For the office of Board of Education, from July 1, 1910, to June 30, 1912, inclusive. Paid from appropriation under Section 121 of Code.

Date	For What Purpose	Amount
1910		
July 22	Circular letters	\$ 8.70
July 22	1,000 refund slips	3.70
September 15	1,500 envelopes	2.75
September 15	750 envelopes	1.50
October 3	1,500 high school applications	4.20
October 18	1,800 letter heads	4.00
October 18	3,500 envelopes	5.25
1911		
January 24	2,000 envelopes	2.75
February 16	4,000 First Biennial Report	1,100.16
February 16	500 advance sheets, biennial report	13.28
February 28	500 large envelopes	1.50
March 20	100 letter and press notices	2.00
March 20	1,500 additional covers	4.20
March 20	5,000 letter heads	6.50
March 20	500 envelopes	1.50
March 20	100 press notices	2.00
March 20	200 letters members of legislature	4.60
March 20	200 cloth lined envelopes	1.50
March 20	500 envelopes	1.50
March 20	500 envelopes	1.50
April 4	2,000 bulletins No. 1	48.83
May 5	1,000 Honor Scholarship statements	3.70
May 5	5,000 filing cards	15.40
May 5	1,000 normal blanks	3.70
May 5	1,000 Honor Scholarship certificates	3.70
May 5	5,000 envelopes	6.50
May 29	2,000 letter heads and small envelopes	5.50
May 29	500 small envelopes	1.50
May 29	130 sheets Golden Rod Jersey Bond	.75
August 8	500 examiner's reports	3.20
August 8	2,000 bulletins No. 2	21.99
August 8	Alterations	.50
September 9	500 requisitions drawing funds	3.20
September 9	3,000 letter heads	4.00
September 9	3,000 envelopes	4.00
September 9	750 envelopes	1.50
September 23	1,000 envelopes	1.50
December 22	250 envelopes	1.50
1912		
January 15	1,000 envelopes	1.50
January 15	500 abstract certificates	3.20
February 15	1,000 4-page folders	3.70
February 15	500 bond and mortgage envelopes	1.50
March 6	10,000 letter heads	12.75
March 6	5,000 blanks for inspection of secondary schools	7.70
March 28	500 envelopes	1.50
April 19	750 envelopes	1.50
April 19	3,000 letter heads	4.00
May 15	500 mortgage releases	3.20
May 15	2,000 small envelopes	2.75
June 19	1,000 large envelopes	1.50
June 19	1,500 Honor Scholarship Instructions	4.20
June 19	1,000 report blanks secondary schools	3.70
Total		\$ 1,352.16

BINDING BY STATE BINDER.

For office of Board of Education, from July 1, 1910, to June 30, 1912, inclusive. Paid from appropriation under Section 121 of Code.

Date	For What Purpose	Amount
1911		
January 16	Binding 250 advance sheet reports	3.48
January 16	Folding and stitching 250 advance sheet reports	.45
January 16	Folding and pasting map on 500 copies	1.25
March 11	Binding 1,000 reports	58.40
March 11	Cutting and folding inserts	12.00
March 28	Binding paper covers 1,500 copies report	87.60
April 10	Folding and stitching 2,000 bulletins	3.00
May 29	Perforating, numbering and binding 5,000 Hon. certificates	7.50
June 30	Binding cloth 500 reports 1910	125.00
August 24	Ruling 8,000 blanks	9.00
August 24	Folding and stitching 2,000 bulletins No. 2	3.00
	Total	\$ 310.68

ENGRAVING.

For Board of Education, from July 1, 1910, to June 30, 1912, inclusive.
Paid from appropriation under Section 121 of Code.

Date	For What Purpose	Amount
1911		
March 2	Zinc etching 93-inch at .05	\$ 4.65
March 2	Art work	1.00
	Total	\$ 5.65

STOCK USED BY STATE PRINTER AND STATE BINDER.

For Board of Education, from July 1, 1910, to June 30, 1912, inclusive.
Paid from appropriation under Code Section 165.

Date		For What Purpose	Amount
1910			
July	15	Circular letters	\$ 1.17
September	3	Envelopes	.93
		Envelopes	1.86
September	27	High School applications	3.51
October	3	Letter-heads	2.93
October	4	Envelopes	4.53
December	22	Advance sheets	2.63
December	22	Advance sheets	2.63
December	23	Report	18.65
1911			
January	5	Advance sheets	.27
January	16	Manilla envelopes	3.20
February	14	Envelopes	.81
March	9	Report	251.47
March	13	Envelopes	.62
March	13	Press notes	.06
March	14	Letter heads	5.85
March	20	Envelopes	.66
March	20	Envelopes	.67
March	23	Bulletins	16.09
April	10	Nomination blanks	.37
April	15	Honor scholarships	1.08
April	20	Envelopes	6.39
May	19	Envelopes	2.10
May	20	Letter heads	2.34
May	25	Envelopes	.52
July	31	Examiner's reports	.62
August	3	Bulletins No. 2	9.19
August	9	Envelopes	.95
August	10	Envelopes	3.78
August	10	Letter heads	2.92
September	13	Envelopes	1.05
December	6	Envelopes	.42
December	19	Envelopes	1.68
December	30	Abstract certificates	.58
1912			
January	8	Bond and mortgage envelopes	1.47
January	23	Report blanks	1.23
February	2	Letter heads	11.70
February	23	Certificates	22.68
March	4	Envelopes	.66
March	21	Letter heads	3.51
March	28	Envelopes	1.36
May	2	Mortgage releases	.76
May	9	Envelopes	2.10
May	15	Envelopes	1.68
May	16	Honor scholarships	.93
May	21	Scholarship nominations	.30
Total			\$ 400.91

EXPRESS, FREIGHT AND CARTAGE.

For Board of Education, from July 1, 1910, to June 30, 1912, inclusive.
Paid from appropriation, Chapter 192, Section 3, Thirty-fourth General Assembly.

Date	To Whom Paid.	Amount
1911		
March 15	Bolton Transfer Co.	\$ 3.50
October 27	Bolton Transfer Co.	2.00
November 24	Merchants Transfer and Storage Co.	.50
	Total	\$ 6.00

FURNITURE AND FIXTURES.

For Board of Education from July 1, 1910, to June 30, 1912, inclusive.
Paid from appropriation under Section 165 of the Code and Chapter 170, Section 8, Acts of the Thirty-third General Assembly.

Date	For What Purpose	Amount
1911		
November 3	Steel filing cases	\$ 186.00
November 15	Roll top desk	49.20
November 17	Typewriter desk	25.80
November 17	Typewriter chair	4.40
November 20	Underwood typewriter	83.03
	Total	\$ 348.43

TELEPHONE AND TELEGRAPH.

For Board of Education, paid from appropriation under Section 164 of the Code. From July 1, 1910, to June 30, 1912, inclusive.

Iowa Telephone Co., contract service 24 months at 2.00 per month.....	\$ 48.00
Toll service, July 25, 1910, 5.30; Aug. 25, 1.99; Sept. 25, 6.68; Oct. 25, 3.15; Nov. 25, 5.21; Dec. 25, .68; Jan. 25, 1911, 5.89; Feb. 25, 10.20; Mar. 25, 4.43; April 25, 6.34; May 25, 6.64; June 25, 4.84; July 25, 4.88; Aug. 25, 1.39; Sept. 25, 3.87; Oct. 25, 6.68; Nov. 25, 7.16; Dec. 25, 4.05; Jan. 25, 1912, 4.47; Feb. 25, 1.54; Mar. 24, 5.18; April 24, 17.32; May 24, 2.48; June 24, 4.39. Total	124.76
Mutual Telephone Co., Toll service, Jan., 1910, .25; Dec., 1910, .25; Feb., 1911, .25; May 26 to June 25, 1911, .55; June 26 to July 25, 1911, 1.20. Total	2.50
Western Union Telegraph Co., services Nov. 8, 1910, .27; Oct. 5, 1911, 2.10; Dec. 30, 1911, .40; May 20, 1912, 1.50; April 12, 1912, .49. Total.....	4.76
Total	\$ 180.02

OFFICE, SUPPLIES, EXPENSES, ETC.

For the Board of Education, from July 1, 1910, to June 30, 1912, inclusive. Paid from appropriation, Section 165 of the Code and Chapter 170, Section 8, Acts of Thirty-third General Assembly.

Date	To Whom Paid—For What Purpose	Amount
1910		
July 21.....	Baker-Trisler Co., 500 white cards.....	2.65
July 18.....	Koch Bros. Printing Co., 500 white cards.....	2.25
November 1.....	Baker-Trisler Co., 1,000 plain white cards.....	3.70
1911		
February 27.....	Butler Paper Co., 200 cloth lined envelopes.....	4.00
April 11.....	Underwood Typewriter Co., repair typewriter.....	.75
April 15.....	Pratt-Mendsen, Bristol board	2.50
July 26.....	Underwood Typewriter Co., repair typewriter.....	.00
July 29.....	Underwood Typewriter Co., repair typewriter	6.75
August 31.....	Underwood Typewriter Co., repair typewriter.....	.50
September 9.....	Koch Bros. Printing Co., 500 white cards.....	1.65
September 15.....	Des Moines Rubber Stamps Works, three stamps and two pads	1.65
November 28.....	McNamara-Kenworthy Co., three sets V. O. filing guides.....	7.00
December 22.....	McNamara-Kenworthy Co., 500 V. O. folders.....	5.00
December 22.....	Plew and Motter Co., 500 sheets loose leaf journal.....	1.50
December 22.....	Underwood Typewriter Co., repair typewriter.....	4.00
	Total	\$ 45.79

RECAPITULATION.

Office of the Board of Education for the period of two years, from July 1, 1910, to June 30, 1912, inclusive.

MEMBERS OF THE BOARD OF EDUCATION—Expenses.

Per diem	\$ 4,424.00	
Mileage	1,658.54	
President's office, stenographer, messages, etc.	403.77	
		\$ 6,486.31
Salaries—		
Members of Finance Committee.....	\$21,000.00	
Inspector of Secondary Schools.....	4,216.66	
Employees	6,200.80	
		31,417.46
Traveling Expenses—		
Members of Finance Committee.....	\$ 6,748.44	
Inspector of Secondary Schools.....	1,739.65	
Employees	323.20	
		8,811.29
Office Supplies—		
Supplies drawn	\$ 645.22	
Office supplies and expenses.....	45.79	
Furniture and fixtures.....	348.43	
		1,039.44
State Printing, Binding and Engraving—		
Printing by State Printer.....	\$ 1,352.16	
Binding by State Binder.....	310.68	
Engraving	5.65	
		1,668.49
Sundry Expenses—		
Express and drayage.....	\$ 6.00	
Telephones and telegrams.....	180.02	
Stock used by State Printer and Binder	400.91	
Releasing mortgages, etc.....	9.06	
		595.99
Grand total		\$ 50,018.98

*Bills for traveling expenses of the Secretary of the Finance Committee, amounting to \$336.79, have been filed with the Executive Council, but have not been approved at the date of this report.

THE
State University of Iowa

IOWA CITY, IOWA

REPORTS

FOR THE YEARS 1910-11 AND 1911-12

Report of President MacLean for the year 1910-11

Report of President Bowman for the year 1911-12

President's Recommendations for Legislative Budget
1913-15

Report of Secretary for the year 1910-11

Report of Secretary for the year 1911-12

Report of Treasurer for the year 1910-11

Report of Treasurer for the year 1911-12

Report of Registrar for biennial period 1910-12

LETTER OF TRANSMITTAL.

TO THE IOWA STATE BOARD OF EDUCATION.

Gentlemen: In accordance with the Code, Section 2641, the Report of the President for the biennium ending July 1, 1912, is herewith submitted. This report consists of the report of the Secretary and of the Registrar for each year of the biennium, of the report of Dr. George E. MacLean for the year ending July 1, 1911, and of my annual report for the year ending July 1, 1912, together with recommendations for the support and advancement of the University for the biennium 1913-1915.

Respectfully submitted,

JOHN G. BOWMAN.

September 10, 1912.

ANNUAL REPORT OF PRESIDENT MACLEAN FOR THE YEAR 1910-11.

To the Iowa State Board of Education.

SIRS:—I have the honor herewith to present my twelfth and last Annual Report, for the year ending June 30, 1911. The reports from the administrative officers and heads of departments of instruction submitted herewith are made a part of the report.

ENLARGED APPROPRIATIONS.

As the Board itself and the Finance Committee presented directly to the Legislature the biennial budget, the groundwork of which rested upon the estimates of the heads of departments and myself, it is unnecessary for me to comment upon the most prominent feature of the year, namely, the enlarged appropriations granted by the General Assembly, except to congratulate the University. The Board's allotment of these appropriations, first of all to approximate a proper scale of salaries, accomplishes what had been aimed at for years, and will give strength to the University.

CORRELATION OF THE THREE INSTITUTIONS.

The University has met loyally the steps taken by the Board toward the correlation of the University, the College of Agriculture and the Teachers' College.

The appointment of the University High School Inspector, as an Inspector for the Board, bringing about uniformity of inspection and closer relations among the institutions, put into the letter of the law what had ever been the spirit of the inspectorship at the University.

The attempt of the Board to secure uniform Freshmen entrance requirements for substantially similar courses in the three institutions, and the creation of the Board on Secondary School Relations, all as a result of the appointment of the committee of fifteen consisting of five members of the faculty of each of the institutions, has given much light to the curricula of the institutions and must make for high standards, in conformity to one of the earliest declarations of the Board: "The Board proposes to adhere to this general principle—not to increase in any marked degree the scope of any of these institutions until the work already attempted shall have been brought to the highest possible standard."*

* First biennial report of the Iowa State Board of Education, 1910 (p. 25).

CHANGES IN STAFF.

The death of Professor Samuel Calvin is a well nigh irreparable loss. The words of his dearest colleague express the sentiment of the Faculty. He said the loss of Professor Calvin "has entirely changed the face of the world."

The retirement of more than a dozen persons from the staff, incident to the change in the government of the institution, is a noteworthy feature.

However, the return of Professor Patrick to service, will aid in keeping up the continuity of so important an institution of learning.

One of the great losses of the year came through the resignation of Mr. E. C. Barrett, Registrar and Secretary to the President. As a result of his going, the offices of Registrar and Examiner have been combined in one person. During the second semester, this combination proved very effective in the hands of Professor H. C. Dorcas. The work is now so systematized that even better results in the future are anticipated under the management of Professor F. C. Ensign.

The coming of Drs. Schenk and Davis in the College of Homeopathic Medicine, and of Dr. Howard, with the assistance given him in the Department of Internal Medicine, has greatly strengthened these Colleges.

The advent of Professor Bordwell in the College of Law filled out the professional roster in that College.

CONTINUATION OF BUILDING ERA.

The renewal of the one-fifth mill building tax for another period of five years assures a continuance of the splendid building era.

The opening this year of the new shops has greatly increased the efficiency of the College of Applied Science.

The laying of the corner stone of the Hall of Physics, and the progress in its erection to the fourth story, reveals the beauty of the general plan for buildings on the Old Capitol Campus. As the third of the stone buildings in harmonious style of architecture surrounding the Old Capitol and the first to face the river, it anticipates the final architectural effects which the fourth building of the group will complete and justifies the plan recommended thirteen or fourteen years ago by Mr. Van Brunt, then President of the Society of American Architects.

The acquisition of the lots and houses adjacent to the University Hospital affords temporary homes for the nurses and makes possible the early completion of the Hospital Campus. The rapid progress made in the erection of the northern section of the east wing of the hospital ought to enable the Colleges of Medicine to enjoy in their next session most modern advantages for clinical as well as didactic and laboratory instruction.

The determination of the Board, approved by the Legislature, to give precedence to the erection of a Woman's Building, is the happy culmination of years of agitation. The purchase by the Board of the half block on North Clinton and Davenport Streets as a site for the building, is in accordance with the plans for the ultimate Campus outlined by Olmsted

Brothers, the consulting landscape architects. No more beautiful or convenient place could be found for the purpose.

The pleas of the Directors of Physical Training for men and for women for a gymnasium, have been persistent from year to year. The desire expressed by members of the Board to have practically the entire student body instead of a few members of the teams interested in athletics, is justified. Ever since 1904, the Senate Board for athletics and the administration have anticipated the establishment of a proper Department of Physical Training and Athletics, one and inseparable, and have reinforced the urgent demands of the students for a gymnasium. The configuration of the ground on the slope of the Old Capitol Campus lends itself admirably to gymnasium purposes. The central position would commend the site recommended by Mr. Olmsted, for it is a matter of great social, as well as physical concern, that the building should be readily accessible to all students. A substitute would thus be found for pool rooms and smoke houses.

ATTENDANCE.

The decrease of 262 students in attendance has naturally been the cause of considerable inquiry. Professor H. C. Dorcas, Registrar, (cf. *Alumnus* April-May, 1911) has shown that the requirements of the Carnegie Foundation with reference to terms of admission to College are not primarily responsible. The idea of the Foundation that there has been an excessive desire for numbers in Colleges, and the Foundation's recent strict enforcement of conditions for acceptance of institutions by the Foundation, may have been a remote influence. It is possible that the University may fulfill the hope of the Foundation expressed in its Third Annual Report: (p. 106) "It is perhaps not too much to hope that at least a few Colleges may seek the unusual honor of a diminished student roll for the sake of such educational consistency and efficiency. The Foundation hopes to publish such a roll of honor."

The policy of the Board, announced with no uncertain sound in their First Biennial Report to the General Assembly, confirms the early policy of the University; and when carried out will accomplish wise correlation and intensify the work in each institution according to its kind, and equally, in my opinion, benefit them all and serve the State.

It cannot be too strongly emphasized that the University, as early as 1902 and before there was any Carnegie Foundation, raised standards and had the ideal of becoming a standard University. At that time, the attendance, through the raising of standards for admission and for graduation in practically every College, became temporarily stationary and slightly declined. After two years, the schools adjusted themselves to the increase of standards, and the return of those who had gone elsewhere because they had felt that the institution was not up to standard, brought about an increase which went forward annually until two years ago. Then, a new advance in standards of admission in several of the Colleges, particularly in those of Medicine, started a repetition, in part, of the history of 1902-04.

The announcement of the Board of Education that they favored an institution of the highest standards may have had the effect to discourage some from attempting to enter. In any case, it is clear that the decline began with the advent of the new governing Board, as it is natural that a total change in the government of an institution, and the rumors that spring up that this or that college or school may not be continued, should temporarily depress attendance.

The decrease in attendance has made it possible to do better work in many Departments, and the better preparation of students has also contributed to a higher quality of work.

BUREAU OF PUBLICITY.

Though there was an inchoate Bureau of Publicity, it was not maintained after the new Board came in. The University has never had a properly developed Bureau of Publicity or a scheme for appropriate advertising. The Alumni Bureau, in my opinion, should be a strongly supported means of doing this.

MORALE OF THE STUDENT BODY.

There has never been a year in the history of the University, so far as I know, of such excellent behaviour. The students, without the form of student government, are a self-governing body. There has scarcely been a case of discipline.

A large majority of the students were so earnest in ethical matters that they, of their own accord, entered upon temperance agitation, in connection with the Civic League.

They have accepted the social regulations and lived up to them reasonably well. The people of Iowa City have co-operated as never before. The report of the Dean of Women gives an excellent illustration of the height of democracy in the western institution. Twenty-six young women accepted domestic service to help them gain an education. Two hundred and fifty-five young women lived in approved homes. At first, some of the homes in which students lodged were inclined to object to the regulations for approved homes. This is all now changed.

The election by the in-coming Senior class of twelve Senior student-advisers for the Freshmen women is another sign of advance. The development of sentiment by which the Senior classes have a leadership is desirable.

The substitution of a push-ball contest for the Freshman scrap, under the supervision of the Military and Physical Training Departments, with the aid of the upper classmen, prepared the way for the recognition of the natural leadership of upper classmen in student activities.

The adoption by the sororities of the regulations concerning pledging and scholarship, put into force this year by the fraternities, is another indication of the strengthening of the social and scholastic bonds.

UNIVERSITY EXTENSION.

An appreciation should be given to Professor MacBride for his labors as Director of University Extension through many years. His recom-

mendation for the appointment of a Director and staff by which the University may do for the intellectual and social life of the State what the College of Agriculture has undertaken for the agricultural life, is in line with what has been done so successfully in other states, notably in Wisconsin. The Thirty-third General Assembly approved these ideals for University extension at the University. The service of the public welfare outside the University gates demands the early attention of the Board.

LIBRARY.

The securing of a permanent annual appropriation for the Library gives an opportunity for an economic and progressive administration. It will strengthen every Department of the University; and it makes more imperative than ever the planning, at an early date, for an appropriate Library Building. This should be one of the most central buildings of the University, erected upon a unit plan so that it may be extended from time to time. The recommendations of Mr. Olmsted as to location of the building, in my opinion, deserve to be adopted by the Board.

The Library as the depository of the card catalogue of this State of the United States Congressional Library, with the proper co-ordination of the State Historical Society's Library, is in the way to become serviceable—not only for research but to every College Library and investigator in the State. The publication, therefore, this year for the first time, by the Librarian of a list of serial publications in the Libraries of the University is but the beginning of this service to the professors of the University and the colleges and citizens of the State.

BOARD OF PUBLICATION.

The new scheme adopted by the Senate Board of Publication, for the classification of the learned and popular bulletins of the University will stimulate research and also encourage in a most practical manner the work of University extension.

The Libraries of the State doubtless can be brought into co-operation with the University Library and the Board of Publication. This relation to the public will not only be of value to the people but will stimulate the tendency to center research work on Iowa problems at the University.

ATHLETICS.

The University continues to be greatly indebted to the members of the Senate Board on Athletics for their self-sacrificing and sagacious management. They have been successful in employing a graduate manager and in getting a larger number of students engaged in exercise and general sports. The inter-department contests have contributed to this desired end. It is to be regretted that the University, by conditions over which it had no control, was compelled to withdraw from the Missouri Valley Conference, but there is no doubt that it is the only correct thing for the University to maintain its position in the College Conference, enforcing strict compliance with the "conference rules."

SUMMER SESSION.

This is the first year of the recognition of the enlarged scope of the Summer Session by its administration, not as before by a single director, the Head of the School of Education, but by a committee consisting of the director and the Deans of the Graduate College and of the College of Liberal Arts. This is in accordance with the ideal of the Summer Session when organized in 1900—not as a Summer School but as a Session or term of the University.

Naturally the work began with the attendance of teachers. It is now, however, characterized by the large number of students in the Graduate College, and those in the College of Liberal Arts proceeding to a degree. Indeed, a few students are beginning to appear in other Colleges of the University. The purpose of the School of Education, especially to prepare high school teachers, superintendents and supervisors of schools and to serve professors in the Colleges, gives a quality to the Summer Session while it does not add numbers.

It is hoped that the past requests of students in the Summer Session and the recommendation of the Faculty that the time of the Session be extended, may be early granted.

COLLEGE OF LIBERAL ARTS.

After a half dozen years of experiment with an adviser system to maintain the personal contact with students, particularly entering students, the Faculty has come to a second stage of development of the adviser system. By the old system, some forty members of the staff of instruction were detailed each to a group of about a dozen students for purposes of general acquaintance and advice. They were not, however, expected to advise with reference to the selection of studies, one of the central things in the student's life. It was discovered that the gifts necessary for a wise adviser were to be found in not more than a third of the forty instructors selected and that the range of advice should not exclude that concerning studies. It has been said that the supervision of the scholarship of students has waited upon the supervision of athletics in an under-graduate College, particularly in the first year. Even in a University, a degree of supervision in the critical period of the transition from the high school to the college is of importance to the student.

The following plan adopted by the Faculty to go into operation next September is, I believe, a happy culmination of the experience of years. The plan is as follows:

I. All students above the rank of Sophomore to be assigned advisers in the department in which the major is taken; the assignment to be made by the head of the department, who is to assume full responsibility for the adviser system for such students.

All schedules for Juniors and Seniors must be approved by their advisers; but the matter of seeing that such schedules meet University requirements shall remain with the Registrar.

II. All Freshman women to be advised by the Dean of Women, who may enlist the aid of any member of the instructional or administrative staff.

All Sophomore women to be assigned to advisers by the Dean of Women.

III. All Freshman and Sophomore men shall be advised by an adviser, who may enlist the aid of any member or members of the instructional or administrative staff. This adviser shall be elected by the Faculty on nomination by a committee consisting of the Dean and two members elected by the Faculty.

The adviser shall act as adviser; he shall organize the adviser system for Freshman and Sophomore men and be responsible for its working.

The term of office for the adviser shall be three years, and an adviser shall be ineligible to reelection without an intervening year.

IV. All irregular and special students to be advised by the Dean.

The routine work in the various departments has proceeded happily. The Department of Botany should be heeded in its appeal for the immediate enlargement of the green house which is totally inadequate. The call of the Director of the School of Education for increased equipment and room is a just one. The argument advanced for a number of years for a model school for observation is an invincible one. Some years since, President Seerley pointed out that it is little less than scandalous to have any school of the kind without a model school. It is like teaching a science without a laboratory. In this case, the schools of the state should be a secondary laboratory. The department of instruction for the benefit of the schools, and in turn for the students in education, should have a vital relation to the School of Education. Another illustration would be the didactic instruction in Medicine without clinics.

The Department of English, that for years has developed a laboratory method of instruction, needs more help than has been given it. This may be said of the other Departments of languages.

It has been the opinion of the administration that the Department of History greatly needed strengthening and a reorganization of courses, particularly in connection with the Department of Political Science.

In Mathematics, the resignation of Prof. Weld, after twenty-five years of arduous service, will require special efforts in the choice of his successor, and a possible sub-division of responsibility to suit the work of different Colleges under, as I hope, a continued single or unified Department of Mathematics.

The return of Professor Loos, Director of the School of Political and Social Science and Commerce, after a year's leave of absence, is appreciated year in and year out. Requests have been made for the development of this School, so important in a modern University College of Liberal Arts, and all schools aiding the professional schools of a University.

Thanks are due to Professor Ansley, head of the Department of English, for acting as head of the chair of Public Speaking. It is his determination, as well as that of the Board, to elevate the chair of Public Speaking into a Department; and this taken in connection with the non-appointment of a successor to the lamented Professor Gordon, makes it important, in my opinion, that there should be no further delay in securing one of the strongest men in the country for the place. The widely-heralded success of the debating teams the last two years reflects credit upon the foundation work of Professor Gordon, the fidelity of the young instructors and

assistants in debates and the voluntary services of the literary societies.

The Laysan Expedition, so successfully undertaken and carried out, is a tribute to the zeal of Professor Nutting.

ANNUAL REPORT OF DEAN WILCOX.

During the past year, a marked step in advance has been taken in the reorganization of the system of student advisers. What was best in the old system has been retained, and is the foundation of this reorganization. Other features have been modified, and still others, entirely new have been added. Under the efficient management of Professor Robert D. Wylie, as chief adviser, the new system promises to be a great success.

The work of Miss Klingenhagen, as Dean of Women, has been during the year just closed of the very highest character. She has the general respect of the student body, and her policies have been justified in the out-working. The administering of the social rules becomes more regular, and the students themselves acknowledge the wisdom and the justice of these regulations.

There has been a slight decrease in attendance the past year in the College of Liberal Arts. The reasons for this decrease are beyond the control of the University and, therefore, the University is in no sense responsible for this fact. With a slight increase in the number of instructors and the classes being somewhat smaller in numbers, the result has been better instruction and the work done by the students has been of a superior quality.

In this connection, it ought to be stated that from year to year there is a decided improvement in the quality of the student body. Fewer students come with defective preparation. There is each year a smaller amount of delinquent work. The standards of instruction are constantly being raised. The quality of the instruction is all the time improving. In other words, the College of Liberal Arts, as a mechanism, is more nearly perfect than ever before. No better illustration of this fact could be found than the attitude taken during the past year by the Greek Letter fraternities. They have refused to initiate Freshmen whose work is of unsatisfactory character. This was a concerted movement on the part of these organizations. Each one of the frats has some sort of a committee whose business it is to look after the weak members. Similar comments could be made in connection with the sororities.

A cause for congratulation is the marked success during the past two years in the Literary Societies. In the inter-collegiate contests, in both oratory and debate, the University of Iowa stands second to none in the Mississippi Valley.

Some difficulties have been experienced during the year just closed. The use of the Library, for example, has been unsatisfactory. This fact is in no sense a reflection on Mr. Wyer or his staff of librarians. Under disadvantageous circumstances, they have achieved the best results pos-

sible. The stack-room is unsuitable in location and altogether inadequate in dimensions. There are no seminar rooms where members of the Faculty can meet groups of advance students with large numbers of books close at hand. The amount of money available for new material has been insufficient. Current publications and general source material are imperfectly supplied. In many departments of the College of Liberal Arts it is difficult to hold graduate students, because of the inadequate facilities in the Library.

One abuse has been the disappearance of books. It is hoped that this difficulty can be remedied next year with the larger library staff. Furthermore, a library of the State Historical Society, which the Superintendent and Curators of that Society have kindly placed at the disposal of our students, ought to be in the same building with the University Library. Furthermore, the departmental libraries, which occupy a larger percentage of space in the Hall of Liberal Arts ought to be transferred to the quarters of the general library.

A constant source of embarrassment is the lack of class rooms, lecture rooms and offices in the Hall of Liberal Arts. Some courses are seriously impaired by the lack of suitable rooms. There is almost daily a call for space which cannot be furnished.

The system of student janitors has many advantages, especially in the way of helping deserving students. This system has, also, very objectionable features. On the whole, it would seem better if all the janitorial service could be performed by professionals not connected with the student body.

The outlook for the coming year is attractive in many respects. The prospect of a suitable woman's building will solve some problems. The completion of that building in the next few years will solve still more. This building will furnish a center for social life for the women of the University and will greatly assist the Dean of Women in her work of administration.

A plan is also under way for notifying the parents of delinquent students at frequent and regular intervals. The object of this plan is to enable parents, not only to keep informed of the progress of their sons and daughters, but to give them an opportunity to co-operate with the instructional staff in the work of reformation. In the past, many delinquent students have been delinquent for months when the parents have remained in ignorance of the fact.

The generous appropriation of the last General Assembly has placed at the disposal of the College of Liberal Arts, funds which will enable it next year to do a far better grade of work than ever before. Nothing has occurred in recent years which augurs so well for the future of Liberal Arts as the action of the recent Legislature and the intelligent appropriation of that money by the State Board of Education.

COLLEGE OF LAW.

The first year's operation in the enlarged and enriched curriculum of this College was gratifying; and with some further slight modifications, it is believed the curriculum will be entirely satisfactory.

The regulations adopted and enforced by the students concerning the use of the new building and the order in it were all that could be desired.

The resignation of Dean Gregory and of the librarian, Mr. Ferson, are universally regretted. The decade in the history of the College under the administration of Dean Gregory will be remembered as one in which the ideals of the founders of the College, Judge Wright and Chancellor Hammond, were adhered to in a combination of cultural and professional education.

The combined course of Law and Liberal Arts and the closer inter-relating of this College, particularly with the School of Political and Social Science and Commerce, are surely worthy of being fostered.

COLLEGE OF MEDICINE.

This has been one of the most notable years in the history of the College of Medicine. One may now feel assured that this will be a typical State University College of Medicine, maintaining the highest standards and the best methods of instruction.

The enlarged hospitals owned and directly controlled by the College, and with professors wholly in residence, will supply an abundance and variety of clinical material.

The various clinical departments have adopted the concentration method of instruction. Histories of the cases, class records, and bedside teaching characterize the instruction. The use of patients at the Oakdale Sanatorium makes them practically adjuncts to the University Hospitals.

The great loss of Professor Bierring from the Department of Internal Medicine has been made good by the coming of Professor Howard.

The transfer to the Department of Clinical Medicine next year of Clinical Microscopy will further serve to unify the clinical departments.

The laboratory departments, long a subject of praise, have continued to hold their own, giving more individual instruction with the decreased size of the classes.

The Pasteur treatment for hydrophobia in the Departments of Bacteriology and Pathology is of increasing benefit to the citizens of the State.

The recommendations made for many years are renewed, that, with the exception of certain lecturers and those in adjunct clinics, all instructors and administrative officers be brought into residence.

The persistent rumors of the taint of commercialism in the medical profession, and in this College, require the instant investigation and action of the authorities.

COLLEGE OF HOMEOPATHIC MEDICINE.

The decision of the Board a year ago, raising the standard immediately to two years of collegiate instruction for admission to this College, debarred, to our certain knowledge, fourteen intending students from entering.

The rumors that this College might be reduced to the two chairs of Materia Medica and Theory and Practice, established by the statutes of the State, have been a detriment to attendance as well as disquieting to the administration of the College.

There is need of the increasing of salaries of clinical professors, if the problem of free clinics, which has never been quite successfully solved, is to be solved to the satisfaction of the medical profession, in this and other State University Colleges of Medicine.

Professors Davis and Schenk, the two new heads of departments in this College, have rendered satisfactory service.

THE HOSPITALS.

The provisions for nurses' homes outside the hospitals have somewhat increased the capacity of the two hospitals.

The importance of bedside instruction and clinical work, and the advantage of having the hospitals owned by the University, have made them necessary adjuncts of the Colleges of Medicine.

The enlargement of the University Hospital, referred to under building operations, will, in the end, call for reorganization of the administration.

While the Hospitals are largely self-supporting, they must not be commercialized. Their presence has saved the Colleges of Medicine in this day of criticism of Medical Colleges located in small cities.

THE NURSES' TRAINING SCHOOLS.

The two schools have had their curricula revised during the year. The registration of the nurses through the regular administrative officers of the University will tend to a more careful maintenance of the standards of admission and of graduation.

Steps should be taken to have the examinations by the State Board of the nurses held at the University, as is the case with all the other professional examining boards.

COLLEGE OF DENTISTRY.

This College has maintained an extraordinarily successful Alumni Clinic. The ideal is being approximated of having the profession look to the College as its servant.

The College is recognized as a charter member of the National Association of Dental Colleges of the American Association of American Universities, and the National Association of State Universities.

The abundance of clinical material for this College has ever been a surprise, the cases rising above 15,000 this year.

The correlation of clinical dentistry with the clinical departments in the College of Medicine, in departments of oral surgery and of eye, ear, nose and throat, is a decided step in advance. The assignment this year of Oral Surgery to the Department of Surgery in the College of Medicine has facilitated the correlation. The department of Operative Dentistry is correlating the subjects within itself and cultivating reciprocal relations with other departments.

Combined Liberal Arts and Dental courses should be supplemented by combined Medical and Dental courses. It will be to the interest of the profession to encourage these combined courses. Investigation has been pursued with successful results in several of the departments. The Uni-

versity spirit signified by research is lifting the professional Colleges above being practitioners of schools and making them genuine University schools.

COLLEGE OF PHARMACY.

The small but ever efficient College of Pharmacy, which so admirably supplements the Medical Colleges and makes economies in the matter of drug orders and prescriptions for the hospital service, reports 26,880 drug orders filled, 497 prescriptions for out clinics and 120 preparations as re-agents for hospital laboratories. The presence of Medical Colleges enables the College of Pharmacy to give practical instruction for not less than thirty days for each student.

The decline in attendance in this College is doubtless due to the low standards of competing institutions and the need of legislation in Iowa as a pre-requisite for the study of Pharmacy.

I heartily concur in the suggestion of the Dean that some lectures by men in the practice should be established in the College.

GRADUATE COLLEGE.

The way that this College holds its own is one of the most encouraging signs about the University. Though the College was organized as late as 1900 and has never had but five or six thousand dollars special appropriation, the statistics given by the Dean show that the College is thirteenth in its percent of graduate students of all the institutions of the country, and among State Universities ties with Wisconsin for first place in this particular.

If the College is to hold its own among graduate schools, it must have more generous support. The University of Illinois did not open its Graduate College until it had an annual specific appropriation of \$50,000. Our College of necessity is in competition with Illinois and institutions spending large sums for graduate work, like Chicago and Wisconsin.

Incidentally, I would recommend that the name "Graduate College" be changed to "Graduate School," in accordance with the recommendation of the Association of American Universities; and that the same change be made in the Colleges of Medicine, as they now meet the standards of that Association for the title of "School." As fast as the other Colleges, like the Law College, rise to its demands, their names should be changed. Indeed, the entire terminology recommended by that Association should be adopted for the University organizations.

From the beginning, the Graduate College has been full of promise because of the many Colleges in the state of which it might be the apex. The relations that these Colleges cultivated from the beginning by the establishment of standard college scholarships may now be made closer by extending further, as the Dean suggests, the research lectureship inaugurated year before last, and by inviting professors from the Colleges to exchange work in the University.

From the beginning, the Graduate College has had its gates ajar for the advanced work of the professional and technical schools of the University; and with the better equipment of the professional schools and the present manning of them in instruction, the time is at hand for

opening these gates wide. If there is added, as has been proposed ever since 1904, a co-operation with the charitable institutions of the state—something the Board of Control has endorsed, not only will the psychopathic and educational work be done for all the institutions of the State, but the University may indeed become as it should, in the words of the Dean, "the clearing house of the scientific work of the State." In a broad sense, this College would become the point of coordination for all Departments of the University and be a veritable experiment station of truth in all the fields in which society is to be served, after the manner of the agricultural experiment station within its sphere.

APPLIED SCIENCE.

This, the youngest in organization of the Colleges of the University, one of the oldest in the original plans of the institution, is quietly doing exceedingly effective work. From the beginning, it adopted the individual method of instruction, and it has more and more emphasized problem work with individuals.

The location here of the head of the State Geological Survey and its collections gives special opportunities for co-operation with departments like those of Mining and the working out of problems like those of the utilization of the low-grade fuels of the State. The hydro-electric plant will ever give special advantage to this College.

The Department of Electrical Engineering so soon to be housed and better equipped in the new Physics Building will be able to keep pace with the continually increasing demands in its field. The physics Building with the enlarged equipment of that Department will especially strengthen the College of Applied Science; and when Chemistry shall get its new building, the physical sciences will compare in their completeness with the biological sciences which so long have been pre-eminent at the University.

The combined Liberal Arts and Applied Science course will offer to students turning to technical work the same advantages that have heretofore been offered in the various professions. It is feasible, however, to look forward to a time when these Colleges (College of Agriculture and Mechanic Arts, and the University College of Applied Science) shall be coordinated in such a way that the duplications may be few and insignificant. This can be accomplished by making one of the Colleges of Applied Science a graduate College which shall do advanced work only. The various departments of engineering thus taken together will give to the state a College of the very best order among institutions of this character. Whatever duplications are to be found as between the State Teachers' College and the University School of Education can in like manner in time be done away with, leaving the State Teachers' College to continue in the work it has thus far so creditably carried on, and making the School of Education at the University a graduate College along these lines.

FINE ARTS.

The Department of Fine Arts endowed by the generous bequest of Mrs. Mark Ranney for the establishment of a Mark Ranney Memorial Library and Institute of Fine Arts, to be the ultimate nucleus of a College of Fine

Arts, has closed its fifth year. The first three years under the administration of Professor Washburn, and before the bequest of Mrs. Ranney, the Department was grounded on the historical and theoretical side, within the College of Liberal Arts. For the last two years, Mr. Charles A. Cumming, as head of the Department, with his assistant, Mr. Miles, has cultivated the technical side, particularly in drawing and painting. The preparation of four new studios and an art gallery on the top floor of the new Physics building gives a large outlook to the Department; and I would recommend that it be recognized more fully as an institution of fine arts and that there be correlated with it courses in the School of Music and in the College of Liberal Arts that are cognate and that a minimum amount of credit for a Bachelor's Degree be given as in other standard universities.

SCHOOL OF MUSIC.

The School of Music (affiliated) under the direction of Prof. Gustav Schoettle, called to the school at the last moment before the opening of the year, has made marked progress as the report of the director will show. The five years' history of this school has demonstrated that there is a demand for musical instruction under the auspices of the University; and that if the University would cease to "farm out" the school it would in a large measure be self-supporting and would rapidly develop into a standard institution. The incidental contributions of such a school in directing the musical activities of the students and adding to the culture of the institution are beyond computation.

I tender to the University through you the gift of about 1,800 volumes which I have from time to time deposited in the library upon the receipt of them from the publishers for me to read as a member of the State Board of Educational Examiners. The books form a collection from which subsequently libraries for the schools of the state are made, and should be of service for teachers in the School of Education.

I also offer to the State University of Iowa, at Iowa City, \$621.72 in cash and \$398.25 in notes of students, some of which are not collectible, for the purpose of continuing and making permanent a Student Revolving Loan Fund. It has been my practice to decline all fees offered me for educational addresses in the state. So often, however, those whom I served insisted upon paying something that I finally consented to receive donations for a Student Revolving Loan Fund administered by me. I make this gift subject to the acceptance by you of the following terms:

The money should be held as a separate fund, to be loaned to deserving students in residence at the State University of Iowa, Iowa City, by the President of the University under such conditions as he may deem wise, the fund to be held in trust by the Treasurer of the University, the money to be drawn by the President through the Treasurer, and an annual report of the condition of the fund to be made to the board by the President and Treasurer.

From April 4, 1900 to the present, I have received approximately \$966.36. I have made 206 loans to 148 persons. My experience as to the helpfulness to students of the loan fund, reinforced by my knowledge

of such funds in other institutions, leads me to hope that the small sum I hand over at this time may be very largely increased by generous donors, who believe in investing in the education of youth.

In parting from the board, permit me, in view of the responsibility of my office, respectfully to urge the following points upon the board,—points which are of importance not only on account of the University and its two sister institutions committed to the board, but also on account of the value to the educational world of the educational experiment of a single board for several institutions. Not only should the distinction, concerning which much has been said of late, between the government and administration of institutions be observed, but also there should be a definition and recognition of the functions of the President, Deans, Heads of Departments, and administrative officers. The functions of the Finance Committee should be made clear, and, in my opinion, are defined by the very name "Finance" in the body of the statute. If in any sense they become educational or semi-educational, it will bring confusion and embarrassment to them and the board and derogate from the functions of the educational officers and faculty.

The President, in accordance with immemorial usage and sound business practice, as a representative of the faculty, and nexus between the faculty and governing board, should at all times sit with the board, except when his own case may be under consideration; and business should be done in accordance with the docket he makes and upon his recommendation. The appointment should be made upon his nomination and that of the deans and departments concerned.

The presidents of the institutions committed to the charge of the board should not only sit together at board meetings with the board but be, with statesmanlike regard to the entire public school system of the state, the expert advisers of the board. The President of each institution should sit with the Finance Committee and every committee of the board. The board and the Finance Committee should meet regularly at the institutions.

I have violated the maxim "It is time enough to give advice when it is sent for," but the impersonality with which I can speak as I retire from office and my deep interest in the institution constrain me in the proper spirit to speak.

The progress of the University during the twelve years I have been privileged to share in its administration gives me assurance that it has a great future and that the part of my life put into it has not been wasted.

With deep appreciation of the many expressions of regard and gratitude from the good people of Iowa—citizens, parents, students, alumni and colleagues, I lay down my office.

July 31, 1911.

Respectfully submitted,

GEORGE E. MACLEAN.

ANNUAL REPORT OF THE PRESIDENT FOR THE YEAR 1911-1912

To the Iowa State Board of Education,

Gentlemen:—I have the honor to present herewith my first annual report, covering the year 1911-12.

INTRODUCTION.

Upon reacquaintance with the University during the past year, I am led, first of all, to say that in my judgment the state may justly take pride in the spirit of the institution. In all of the faculties there is a constant and earnest effort to have the University serve to fulfill, in so far as it may, the highest aspirations which the people of the state hold for their children.

It is usual today to suppose that the government of the state is established beyond possible failure and that the dangers and perplexities and injustices will set themselves right. The fact is that the structure of government will be sound and powerful only so long as the men and women within it have the right civic capacity and courage. Briefly stated, it is the duty and privilege of the University to foster these things, to waken in the boys and girls whom it enrolls the highest spiritual and intellectual lives of which they are capable.

Many of the problems which rise in the endeavor to go forward along the lines indicated are unsolved. They need constant and intelligent study. Good teaching, in my judgment, will solve many of them. It will increase serious application and dominate with high purpose each hour of a student's life.

CARE OF THE STUDENT.

During the year, with the hearty co-operation of the faculties, progress has been made in the care and supervision of the individual student. This matter, in my opinion, is so vital that I desire to make some explanation of the effort which is being put forth at the University to educate the student as well as to instruct him. I desire, further, to insist that the usual assumption that the student in the small college receives more attention for his good than the student in the University is groundless.

In all of the colleges of the University a degree of personal relationship has been effected through the deans and professors. In the College of Liberal Arts it is readily seen that there is greater need for this personal element because of the relative immaturity of students and because many of them have not yet determined their life work and cannot, therefore,

take the same serious view of life as is likely to be taken by the students in a professional college. A plan has been worked out by which every student in the College of Liberal Arts has today the benefit of mature counsel, has a friend in authority to whom he can go for advice as to courses of study or questions of intimate personal concern. The juniors and seniors are advised by the professors in charge of their major subjects. First and second year men are advised by the Registrar, Professor F. C. Ensign. First and second year women are advised directly by the Dean of Women, Miss Anna Klingenhagen, or by a professor designated by her.

At least bi-weekly, every instructor reports to the office of the Registrar any delinquency which he may have observed on the part of students, and any unsatisfactory scholarship record. These records are placed at once at the disposal of the advisers. All students, then, not doing satisfactory work come to the immediate attention of those whose chief business it is to inquire as to causes. If the student is in trouble, or ill, or if he gives evidence of improper conduct, either in or outside the University, it becomes at once the concern of the adviser. The work of the adviser is not disciplinary alone; it is to prevent trouble rather than to give censure after trouble has come. The duty of the adviser is not to find fault or to scold. He discusses with the student the problems of the greatest importance to him—future work in the University, in life, moral environment, health, etc. If the student has been a gross offender in any way and is to come before the discipline committee, the adviser is asked to be present as his attorney or next friend.

Though ideals have not been reached, the results of the personal advisory system are gratifying. The plan has been worked out far enough to show that it can serve one of the most important functions of an educational institution. Through it the University with its large number of students is able to give as close personal supervision to individual needs as can a small college. In the past year the percentage of failures on the part of first and second year students has been reduced. The fraternities and other organizations have shown a splendid spirit of co-operation with the advisers and there is every reason to believe that by such co-operation many students who otherwise would make a failure of their college work and possibly a failure of life, may be saved to useful citizenship.

THE QUESTION OF SALARIES.

As I have already suggested, in the quality of the teaching staff lies the success of the University. Beginning with the year 1911-1912 the budget for salaries and departmental supplies of the University was increased annually \$98,527. With this increase, instructors in the College of Liberal Arts receive on the average \$1,110, with the minimum at \$1,000. The average salary of assistant professors is \$1,620, ranging from \$1,500 to \$2,000; of professors not heads of departments, \$2,141.66; of heads of departments, \$2,906.25.

The scale of salaries for instructors does not need advancement. It is approximately the scale which prevails at other universities. Neither

does the scale for assistant professors need change. After a teacher has served as an instructor and assistant professor for six or eight years, if he does not then deserve to be promoted to the rank of associate professor or professor, it is both to his advantage and to the advantage of the University that he be encouraged to go elsewhere. I am convinced that in the long run this plan will work for the greatest kindness to the teacher concerned and for the efficiency of the University. It can not, however, be administered as an exact rule; many exceptions will necessarily occur.

For the assistant professors who have proven their worth as teachers and scholars, the rank of associate professor and a minimum salary of \$2,500 would at this time be wise and justifiable. This classification would in the future supplant in a large measure the number of professors now in the staff who are not heads of departments.

The salaries paid to professors who are heads of departments at the University range from \$500 to \$3,000 less than the salaries paid to men in similar positions at Wisconsin, Minnesota, Illinois, Chicago, Cornell, Harvard, Yale and Columbia. It is difficult for the business man today to appreciate fully that men in the higher ranks of teaching value their work with their associates and serious students about them more than they value the financial returns of their efforts. But with the rapid increase in salaries to professors in other universities, it is obvious that in the end the State of Iowa must increase such salaries at the University or accept inferior instruction for its youth. An increase of about \$500 to the salary of the head of each department would be wise and justifiable.

For the same reason, salaries must also be increased in the professional colleges of the University if the state is to hold its own in the training for professional life.

THE GRADUATE COLLEGE.

Another element essential in the success of the University is productive scholarship and scientific investigation. Through the process of extending the field of human knowledge the individual gains in the essential power of teaching, and, further, he contributes directly to the progress and improvements in the common life of the state. For thousands of years it has been true that in the light of scholars we see light. The recognition of this fact among the universities and among the people generally has come only gradually. But today such recognition is widespread and the fact stands out boldly that graduate instruction and research are essential features in all departments of a university.

In its percentage of graduate students in residence the University now stands second among the state universities of this country. Among state universities the University of California alone has a higher proportion of graduate students. It is exceeded by Columbia, Harvard, Chicago and Johns Hopkins. This position, already won, can be maintained only by a liberal attitude on the part of the state in the equipment of libraries and laboratories and in making the atmosphere congenial to men who have the spirit and genius for scientific research. The main thing is that we shall be able to hold those who prove themselves worthy in this

in some sort of a home and in a large measure the nature of these homes determines the spiritual and material prosperity of the state. Home-making today is both a science and an art. It is a science in that it involves a knowledge of food values, of clothing, of shelter, of the economic consumption of wealth, and, most important of all, of the upbringing of children. Art and design are correlated in the right study of these things. As a people we know almost nothing of decorative art.

An adequate treatment of the household organization and of its relation to social and economic laws is now, as I have just stated, a vital need in the advancement of the University. This statement becomes the more obvious when we consider the many adjuncts of such treatment which already exist in the University. First, it is an easy step with the present equipment of the College of Medicine to develop proper courses for women in the study of food values and of the chemistry of food. Many of the laboratories and much of the instruction along these lines are intensive study of household arts, now offered in the College of Liberal Arts. Here a scientific basis may be gained for this study through physics, bacteriology, botany, and an understanding of the historic development of house industries which lead to an intelligent interest in present conditions. Likewise a study of the ethics involved regarding work and workers may here be emphasized. Third, the departments of Psychology and of Education offer opportunity for the understanding of child life. And, fourth, the application of art and design as a part of the home is a natural advance from the College of Fine Arts now established at the University.

At the present time there are approximately 700 girls enrolled at the University; and it is reasonable to expect, especially with the new dormitory facilities, that this number will increase. For years they have asked for the opportunity of systematic study of the home arts in connection with their other courses. It is quite as reasonable, in my judgment, that the University should meet this demand as that it should offer courses in English, history, or modern language.

The Political and Social Sciences. Inasmuch as the field of the Political and Social Sciences offers one of the most direct avenues through which the usefulness of the University may be extended swiftly to thousands of the people of the state, I urge that special consideration be given here during the next biennium. In my recommendations to the Iowa State Board of Education concerning the needs of the University I have explained somewhat at length a plan for the advancement of these sciences.

THE COLLEGE OF LAW.

Upon the resignation of Charles Noble Gregory as dean of the College of Law, Austin W. Scott, professor of law at Harvard University, was appointed as his successor for one year. Professor Scott returned to Harvard at the end of the academic year and Henry W. Dunn was appointed dean of the College.

In the opinion of the faculty, the recent changes in the curriculum of the College have abundantly justified themselves.

THE COLLEGE OF APPLIED SCIENCE.

The work of the College of Applied Science is well systematized. The faculty is alive to improvements in teaching methods. This was the main subject of discussion at most of the faculty meetings. The method of instruction in this college is unique, nothing in all respects like it being used elsewhere. The essential features are:

1. Long periods of work under instructors' direction instead of short class room exercises.
2. The advancement of the individual student to new topics of a subject only as he satisfactorily accomplishes the earlier topics.
3. The provision of study space, desk, and drawing table for each student and a separation of the space thus allotted into small portions in separate rooms accommodating not more than twenty students.
4. The division of classes into small sections to insure personal attention by the instructor to the individual. The lecture system is entirely abandoned in the technical subjects.

These features necessitate a higher cost per student than the usual method obtaining in colleges of arts and science and in many of the larger engineering colleges. But, in my judgment, the result amply justifies the expenditure. It is doubtful if any young men leave any college in the country more thoroughly prepared than those graduated annually from this college. In evidence of this is the constant demand for its graduates "like those we had before. You seem to know what we want." The graduates are making most creditable records. Dean Raymond is the personal adviser of all the students in this college.

THE COLLEGE OF MEDICINE.

Within less than a generation, the methods of medical instruction and research have been revolutionized. The equipment of laboratories, the facilities for clinical teaching, the precise relationship between clinical teaching and control of the hospital, the advance toward individual instruction, an extensive library, the elevation of standards of admission, and of graduation—all of these things were nearly unknown a generation ago to the extent to which they are today absolutely necessary in a medical college of good standing. The improvements which the University has made in its College of Medicine in recent years along these lines are inspiring. In a most progressive period in medicine, Iowa has held its place in the small group of "Class A" medical colleges in this country. But these improvements serve also to emphasize today how much still remains to be done.

In review of recent advancements made in the College, Dean Guthrie said a short time ago, "If Dr. Peck could only see the College now!" In March, 1912, the building committee of the Iowa State Board of Education accepted from the contractors the new wing of the University Hospital. In addition to increasing the ward space of the Hospital by 65 beds, this wing provides excellent laboratories for research in physiological chemistry, laboratories for bacteriological and serological work, a large laboratory for the surgical pathologist, and three operating rooms with the

other clinical and private rooms connected with them. The Hospital is now provided with 175 beds. This wing is described in more detail in the Hospital Report published June 15, 1912.

In its present status the Hospital has proved beyond question that adequate clinical facilities to be used in connection with the college may be had in Iowa City.

As rapidly as the means are available the state should look forward to the following additions, briefly stated, in the College of Medicine. These additions would serve also the students in the College of Homeopathic Medicine:

1. The space now occupied by the surgical amphitheater and adjoining rooms on the two upper floors of the central portion of the Hospital should be remodeled for the obstetrical department. Eventually a separate hospital for women and children should be constructed at the University, both from the humanitarian and educational standpoints.

2. Home for nurses. Plans for this building were approved by the Thirty-fourth General Assembly.

3. The establishment at the University of a Psychopathic Hospital would add much to the instruction in nervous and mental diseases. Such a hospital would serve as a strong centralizing force in the investigation of insanity and of the prevention of insanity. It would work in cooperation with the other hospitals of the state as well as serve the clinical needs of the medical instruction at the University.

4. The increasing hospital patronage demands more hospital accommodation. This may be provided either in the form of a new wing or by adding two floors to the present east wing.

5. The most immediate need is a proper animal house. This may be provided by the reconstruction of the roof of the Medical Laboratory, thereby giving the facilities for scientific and humane attention to animal experimentation ample for the next twenty years.

6. Public sentiment is demanding that the state care for its crippled and deformed children. Such provision, established at the University, would afford another valuable clinic for teaching and furnish to this helpless class the aid needed.

7. Public sentiment is also demanding an epileptic colony and the same arguments used in advocating the home for crippled children may be used here with equal force.

THE COLLEGE OF HOMEOPATHIC MEDICINE.

During the academic year 16 students have been registered in the College of Homeopathic Medicine. In the freshman and sophomore classes there were but four students. In maintaining this college the Iowa State Board of Education has to face this problem squarely: If the college is to be supported rightly, huge expenditures must be made upon it corresponding to those of the College of Medicine. The greatest of these lies in the development of surgery with its laboratories of surgical pathology. Rather than to duplicate these laboratories with their equipments and instructors, the Board voted to combine all of the work in surgery in the two colleges, a single department serving both as was

already the case with the departments of anatomy and physiology. There are no differences in the theory of operative surgery between the two schools; and the differences in the fore and after treatment of surgical cases are tending to decrease. As far as the curricula will permit, Homeopathic students will, under the new arrangement, be given opportunity of clinical instruction in the fore and after treatment of surgical cases in accordance with the views of their school. While the arrangement is not in all ways satisfactory to the faculty of the Homeopathic College, it is designed to improve the instruction in surgery in that college without great expenditure, which is not deemed justifiable in view of the small demand.

THE COLLEGE OF DENTISTRY.

A review of the statistics of the College of Dentistry for the year 1911-1912 shows that the clientele of the dental clinic was 13,682 cases. The patients came from 79 cities in the state. This patronage speaks for itself. In union with the national movement of oral hygiene, a systematic and recorded examination of the teeth of the children in the Iowa City schools was made this year with the assistance of senior students. These records are in duplicate, one going to the parent or guardian, and one retained by the college. This step opens a field which may, with great advantage to the state, be extended to other cities of Iowa.

"The work in the Dental Technic Courses and in the Medical laboratories is making a more practical application with the theoretical. For example, the freshman and junior students receive a prosthetic course in technic upon live subjects, a course which formerly was mechanical upon metal dummies. This means a more thorough and practical knowledge to be applied later in the senior year."

With regret I record the death of Dr. Henry C. Pelton, Demonstrator of Operative Dentistry and Orthodontia, which occurred in January. The loss of Dr. Pelton both as a progressive teacher and as a colleague is deeply felt in the University.

THE COLLEGE OF PHARMACY.

The work of the College of Pharmacy has continued normally under able instruction. With the opening of the new wing of the University Hospital an adequate dispensary and a small manufacturing laboratory have been added to the equipment of the College. Additional equipment and library facilities are needed.

THE COLLEGE OF FINE ARTS.

In order to correlate the work in fine arts now being taught in the University and in order also to establish and maintain the Mark Ranney Memorial Institute in accordance with the obligation incurred by the University in accepting the Ranney bequest, the Board in November, 1911, created the College of Fine Arts, which is to be known also as The Mark Ranney Memorial Institute. Professor C. F. Ansley was appointed Dean of this college.

In addition to the instruction already offered in music, and in painting and design, it is proposed to add to this college instruction in archi-

ture and to transfer to it instruction in oratory and dramatic art which is now being offered in the College of Liberal Arts. The instruction in the household arts will be closely related to the work in this college.

RELIGIOUS LIFE IN THE UNIVERSITY.

As in former years, the faculties of the University have fostered a spirit in which the religious faith of any student may grow strong. No denominational instruction is offered. The active interest of the churches of Iowa City in the student body is commended, as is also that of the student pastors connected with some of these churches. The initiative and liberality of the Y. M. C. A. and of the Y. W. C. A. are also commended.

The student secretary of the Young Women's Christian Association for Minnesota, North and South Dakota, Nebraska, and Iowa, visited the University in January; and later, in an informal report to the President of the University, wrote in part as follows:

"First, may I say, that our national statistical report for 1910-1911 gives sixty-six per cent. of women in the University as members of the Association. This is the highest percentage in any university of the five states which comprise the North Central Territory. I have found no university in which the representative, broad-minded young women take more active interest in religious work; and I believe that the Association and the Church are meeting many of the needs of the student community. I feel that the girls of the University are fortunate in the type of womanhood revealed through the Dean of Women, and through many of the faculty women whose influence is surely religious in the best sense of the word."

A vesper service is held at the University on Sunday afternoon, a short address being given by the President or by some other speaker. Attendance is optional. The number present this year has varied from 400 to 1100.

THE IOWA UNION.

In August, 1911, the board voted an appropriation for the remodeling of the old Unitarian Church on the corner of Clinton Street and Iowa Avenue as a students' union, known as the Iowa Union. The upper floor is now furnished as a club room with a large fire place and comfortable chairs. On the lower floor are two dining rooms where wholesome food can be had at reasonable cost.

The Union has done much to engage rightly the leisure hours of the students. It has become the center of the University life. All the men in the University, students and faculty, are members. There are no fees. It is a place for companionship, for play, and a place to think seriously on those things which concern individual life and the everlasting purposes of the University. It is a place where the conduct of gentlemen prevails.

GIFTS TO THE UNIVERSITY.

Japan Society Prize. Through the generosity of Mrs. Elmer E. Black, the Japan Society of New York has awarded the University of Iowa

\$100 to be offered as a prize or prizes to be competed for by the students of this University.

Students' Revolving Loan Fund. Dr. George E. MacLean upon retiring from the presidency of the University gave to the University Library about 1,800 volumes. He also established a fund of about \$1,000 for the purpose of continuing and making permanent the Student Revolving Loan Fund, to be administered by the President of the University to needy students.

The Macbride Lakeside Laboratory. In recognition of the long and distinguished service of Professor Thomas H. Macbride to the University, the alumni, through whose energy and support the Lakeside Laboratory at Okoboji was built, voted to change the name of the laboratory to The Macbride Lakeside Laboratory. One hundred shares of \$10 each of the stock of the laboratory were presented to Professor Macbride. These actions were taken at Commencement, 1912.

NEW BUILDINGS.

The new Physics building is near completion. This building, in my opinion, is not excelled by any physics building in the United States, either architecturally or in its adaptation to the purposes for which it was built.

Its exterior is in harmony with the Hall of Liberal Arts, the Hall of Natural Science and the Old Capitol Building, with which it forms a group. Its interior is simple, all rooms being directly accessible from the corridors which run through the center of the building along its longitudinal axis. The building is constructed on the "unit" system, making possible considerable flexibility in rearrangement of rooms without interference with sustaining walls. For the present it will house, in addition to the Department of Physics, the Department of Electrical Engineering, the Department of Mathematics, and the Department of Painting and Design.

In April the new wing of the University Hospital was accepted. This new wing increases the hospital facilities as well as the laboratory facilities for the College of Medicine. A detailed description of the wing will be found in the report of the University Hospital, issued in June, 1912.

The contract for the Woman's Building was let early in the spring. This building is to be ready for occupancy at the opening of the University in the autumn of 1913.

THE UNIVERSITY LIBRARY.

The University Library added 7,122 volumes in 1910-1911, and in 1911-1912, 7,369 volumes, a total for the biennium of 14,491. The Library of Congress Catalogue has now been brought up-to-date, and to it is being added the cards for Harvard Library. This union catalogue has already proven its value, and, taken together, with the international catalogue of scientific literature and the British Museum catalogue recently added, makes this library easily the most important center in the state.

Important features of the year's work in the library are the rapid

progress made in reclassifying and recataloguing the books, and the development of a new plan for caring for reference books in use, a plan by which both faculty and students are satisfied.

September 9, 1912.

Respectfully submitted,

JOHN G. BOWMAN.

The State University of Iowa

IOWA CITY

RECOMMENDATIONS TO THE IOWA STATE BOARD OF EDUCATION CONCERNING THE NEEDS OF THE UNIVERSITY FOR THE BIENNIUM 1913-1915

I. Increase of Appropriations Annual Hereafter:

	Increase per Annum	
1. Support fund	\$ 65,000	
2. Repair and contingent	25,000	
3. Library	7,500	
4. University extension	15,000	\$ 112,500

II. Special Appropriations for Two Years, 1913-1915:

	Annual for 1913-1915	Total for Biennium 1913-1915
1. Equipment and supplies	\$ 7,500	\$ 15,000
2. Equipment of buildings partially equipped	35,000	70,000
3. Purchase of additional land	50,000	100,000
4. Paving, sidewalks and campus	5,000	10,000
5. 1,000 feet of underground tunnel at \$10 per foot, connecting the central heating plant with the hospital heating plant	5,000	10,000
Total special appropriations for biennium		\$ 205,000

I. REASONS FOR ANNUAL ADDITIONAL SUPPORT.

1. SUPPORT FUND.

For increase in salaries of professors in all Colleges of the University.
The most urgent need of the University is for strong men who, as teachers and scholars, will devote their lives to the interest of the University and of the state. The Thirty-fourth General Assembly of Iowa did much to create right conditions for such men at the University, and for this both the faculties and the people of the state are grateful.

In order now to carry out the plan outlined in my report for an increase of \$500 in the salary of the head of each department and for the

creation of a small number of associate professorships, an additional sum of \$25,000 annually is required. This sum is meagre in view of the competition which the University must meet among other state universities in the Middle West. It is asked on behalf of all Colleges in the University.

Domestic Science, or the Household Arts. The present annual budget of the Department of Domestic Science at the Iowa State College which it is contemplated to continue at the University amounts to \$16,630. This budget should be increased by one associate professor at a salary of \$2,200 and one instructor at a salary of \$1,500, making an annual appropriation of \$20,330.

The School of Education. In order that facilities for the professional training of teachers, principals, and superintendents may keep pace with the demand for such training, an additional appropriation of \$16,000 annually is required. Explanation of this need is made in my annual report.

The Political and Social Sciences and Commerce. The state of Iowa has not realized how much public service may be rendered by a powerful center for teaching and study in this field. One of the points of most direct contact between the University and the public lies in the right development of the Political and Social Sciences. In fact it is futile to talk of high-minded citizenship and of ideals in public service without seriously endeavoring to provide that knowledge and special training which will make men capable and efficient in public service.

That the other states in the Middle West have realized the need for progress in this field by their state universities is suggested by the following data with regard to their respective departments of Economics and Sociology:

	Professors	Associate Professors	Assistant Professors	Instructors	Total
Wisconsin	8	1	4	5	18
Illinois	5	1	3	2	11
Minnesota	3		6	2	11
Michigan	4		1	5	10
Ohio	4	1	2	3	10
Nebraska	4	2	1	1	8
Iowa	2	1	1		4

In order now that adequate courses may be offered at the University in general sociology and economics, bringing into study the live problems of the state in public finance, taxation, public business, transportation and statistics, insurance, accounting and problems of social betterment, the instructional staff should be increased to the extent of \$8,000 annually.

In addition, the work in Political Science should be strengthened. This field affords unusual opportunities of bringing the University into close contact with the people of the state by establishing educational relations

with the great army of public servants. Through progress in this line, the significance of the University may rapidly be made vital in Iowa. The extent of the service here waiting to be fulfilled is suggested by the following figures: There are in Iowa about 3,000 persons holding state positions, about 1,150 persons holding county offices, about 12,000 persons holding township offices, about 10,000 persons holding municipal offices, and about 32,900 persons connected with the administration of public schools—a total of about 59,000 persons directly connected with the public service.

The progress proposed would include investigation and research in the field of administration, the publication of information bulletins on various phases of administration, conferences of persons engaged in public service, and short courses on administration. To make a beginning in this field during the next biennium an annual appropriation of \$6,000 should be provided.

Psychopathic Ward. Two years ago a committee of the Iowa State Board of Education made an investigation and, after conference with the Board of Control, reported in favor of the establishment of a psychopathic hospital at the University. The committee considered several plans and finally recommended that the work be started gradually by the establishment of a department in the Medical College of the University.

Approving heartily of this recommendation, I urge at this time that a psychopathic ward be provided for in the University Hospital. This will involve the appointment of a professor of Psychiatry, the special equipment of a ward of about twenty-five beds, and some smaller items of maintenance. During the next biennium an annual appropriation of \$6,000 is needed.

Such a department would serve the clinical needs in the teaching of medical students in this subject for which there is now no adequate provision. It would serve also a larger purpose in the state in that it would be a place for the scientific study and promotion of the means of the prevention of insanity, a place to which inceptive cases not declared insane can go for treatment before too far developed, and a scientific center for the workers in mental pathology in the various institutions under the Board of Control. The hearty support and co-operation of the Board of Control in this matter is expressed as follows by Dr. Bannister in a recent letter:

"We have talked over the matter of the establishment of a department of mental pathology and wish to assure you that if any steps are taken towards the establishment of such a department by the coming General Assembly the members of this board, one and all, will favor the movement.

"Such a department would not only be of great value to the University, but it would also be made of inestimable value to the patients committed to the department, and would be of special value if a provision were inserted in the law allowing them to commit themselves."

Fine Arts and Dentistry. There is urgent need for additional teachers in the College of Fine Arts and in the College of Dentistry. Great advance has been made in the standards of this profession corresponding to those in medicine; and if the University is to hold its own among other

dental colleges, increased expenditures are necessary. To meet these requirements moderately, an additional sum of \$6,000 annually is needed.

For Fuel and Service. With the extension of the University plant, an increase in fuel supply is imperative. An increase in janitor service is also needed as well as a small increase in the wages of the employes of the University. For these purposes \$11,000 is asked.

From the total of the askings enumerated above for the support fund the budget of the College of Applied Science, amounting to \$34,260, has been deducted.

2. REPAIR AND CONTINGENT.

The University owns buildings, the value of which outside of equipment is about \$2,000,000. These buildings should be kept in good repair and to do so on the amount allowed in the past has not been possible. In addition to the ordinary up-keep charges, contingencies are constantly arising which no one can foresee. The sum of \$45,000 annually is the minimum amount which in the interests of economy should be provided in this fund. This amount is $2\frac{1}{2}\%$ on the investment. Private concerns with similar building equipment usually figure a higher percentage for up-keep and repair.

3. THE LIBRARY.

The annual appropriation of \$17,500 for the library is not adequate for the character of the work at the University. An increase of \$7,500 annually is urged especially in view of need of books for the College of Medicine and the College of Law.

4. UNIVERSITY EXTENSION.

University extension work has abundantly justified itself at the Universities of Wisconsin and Minnesota and at other state universities in the Middle West. The work has now passed the experimental stage and the day has come when a beginning in this field should be made at the University for the people of the state. By means of extension work, the influence of the University may be brought to thousands of the people of the state who would not otherwise be directly benefited.

II. REASONS FOR THE SPECIAL APPROPRIATIONS FOR TWO YEARS.

1. EQUIPMENT AND SUPPLIES.

The appropriation of \$7,500 per annum should be continued for the maintenance of laboratories and for the improvement of partially equipped laboratories.

2. EQUIPMENT OF BUILDINGS PARTIALLY EQUIPPED.

During the biennium of 1913-1915 an unusual demand will arise for the increase of this appropriation. Of first importance is the equipment of laboratories for the household arts. For this purpose at least \$10,000 will be needed. In the College of Liberal Arts the departments of Physics and of Chemistry need liberal support. Each of these departments is

in a building quite inadequately equipped. At the University Hospital a ward for the obstetrical department should be provided; also a psychopathic ward and laboratories for surgical pathology. Another strong claim upon this fund comes from the College of Dentistry; another from the College of Fine Arts. The entering class in 1912 is 78 per cent larger than the entering class in 1910 on which the last biennium was figured. With this increase, additional equipment such as microscopes and laboratory tables is needed in nearly all of the laboratories; and new chairs and desks are needed in nearly every building.

3. FOR PURCHASE OF ADDITIONAL LAND.

As rapidly as may be, the University should acquire the remaining portions of the two blocks on which the medical buildings and the hospitals are located. It should acquire also the block north of the present Armory to provide an athletic ground for women. Approximately \$125,000 is needed in order to acquire these holdings.

4. FOR PAVING, SIDEWALKS, AND CARE OF CAMPUS.

The City Engineer of Iowa City has estimated the cost of the following pavements needed about the University grounds:

Dubuque Street—Iowa Avenue to Jefferson.....	\$2,500.00
Davenport Street—Clinton to Capitol.....	1,749.00
Capitol Street—Davenport 150 feet north.....	774.50
Capitol Street—Jefferson Street to Market.....	1,506.00
Jefferson Street—Capitol to Madison.....	2,917.40
Total	\$9,446.90

It is also required by the city, first, that sidewalks be laid along the south side of the block in which the Woman's dormitory is being constructed, that is, on Davenport Street from Clinton to Capitol. Second, that a walk be laid on the north side of the old campus from Capitol to Madison. In addition, sidewalks are needed about the new Physics building, and the west half of the old campus should be graded and terraced, looking toward beautifying and extending the campus to the river. These items are needed in addition to the usual upkeep.

5. UNDERGROUND TUNNEL.

The following recommendation is made in order to protect the hospitals against dependence for heat upon a single heating plant.

- 1,000 feet of underground tunnel at \$10 per foot, connecting the central heating plant with the Hospital heating plant....\$10,000

October 24, 1912.

Respectfully submitted,

JOHN G. BOWMAN.

ANNUAL REPORT

OF THE SECRETARY OF THE STATE UNIVERSITY OF IOWA
TO THE IOWA STATE BOARD OF EDUCATION,
1910-11—JULY 1, 1911.

RECEIPTS AND EXPENDITURES.

JULY 1, 1910 TO JUNE 30, 1911.

Cash on hand, July 1, 1910.....	\$ 20,979.33	
Total receipts for the year.....	649,328.76	
Total expenditures for the year.....		\$642,641.04
Cash on hand, June 30, 1911.....		27,667.05
	<u>\$670,308.09</u>	<u>\$670,308.09</u>

BALANCES.

Income fund	\$ 6,215.07	
Library fund	1,014.68	
Building Tax fund.....	5,743.53	
Repair and Contingent fund.....	56.38	
Special Land fund.....	1,688.19	
A. W. Carr Scholarship Income fund.....	3,567.35	
F. O. Lowden Prize Income fund.....	293.75	
W. J. Bryan Prize Income fund.....	28.66	
Mark Ranney Memorial Interest fund.....	1,857.79	
Waite Lowry Gifford Memorial Interest fund.....	280.60	
Jesup Prize fund.....	50.00	
Equipment and Supplies fund.....	2,543.06	
Equipment New Law Building, etc., fund.....	3,166.14	
Heating and Hydraulic Plants Equipment fund...	1,440.58	
Paving, Sidewalks and Campus fund.....	8.90	
		\$ 27,954.68
Donated Land fund, overdrawn.....		287.63
		<u>\$ 27,667.05</u>

STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR THE FISCAL YEAR ENDING JUNE 30, 1911.

RECEIPTS—1910-1911.

From State appropriations for support:

32d G. A., chapter 212, section 2.....	\$195,500.00
32d G. A., chapter 214, section 2.....	35,000.00
33d G. A., chapter 244, section 1.....	47,000.00
34th G. A., chapter 209, section 1.....	19,693.96

Total	\$297,193.96
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From State appropriations for buildings:		
31st G. A., chapter 183, section 1, 1-5 mill tax..		135,000.00
From State appropriations for Repair and Contingent		
32d G. A., chapter 212, section 2.....	\$ 7,500.00	
33d G. A., chapter 244, section 1.....	7,500.00	
34th G. A., chapter 200, section 1.....	1,002.75	
Total		16,002.75
From State appropriations for special purposes:		
33d G. A., chapter 244, section 1, library fund...\$	15,000.00	
34th G. A., chapter 200, section 1, library fund..	501.37	
33d G. A., chapter 244, section 1, equipment and supplies fund	7,500.00	
33d G. A., chapter 244, section 1, equipment new Law Building, etc., fund.....	9,500.00	
33d G. A., chapter 244, section 1, heating and hydraulic plants equipment fund.....	7,500.00	
33d G. A., chapter 244, section 1, paving, side- walks and campus fund.....	3,000.00	
33d G. A., chapter 244, section 1, special land fund	17,500.00	
Total		60,501.37
Total from State appropriations for all pur- poses		\$508,698.08
From productive funds:		
Income from permanent land endowment fund..		12,402.81
From tuitions—all colleges		53,045.75
From miscellaneous sources—Income fund.....		65,114.33
From material sold—Building Tax fund.....		2.00
From material sold—Repair and Contingent fund..		30.45
From material sold—Equipment and Supplies fund		13.00
From books, etc., sold—Library fund.....		12.18
From Board in Control of Athletics ($\frac{1}{2}$ cost of concrete football bleachers)—Donated Land fund		938.99
From rents, etc.—Donated Land fund.....		276.90
From rents and property sold—Special Land fund		1,431.47
*From special funds:		
A. Whitney Carr Scholarship Income fund.....\$	2,470.51	
F. O. Lowden Prize Income fund.....	175.00	
W. J. Bryan Prize Income fund.....	12.50	
Waite Lowry Gifford Memorial Income fund....	400.73	
Charles M. Jesup Prize Income fund.....	100.00	
Mark Ranney Memorial Income fund.....	3,801.56	
Total from special funds.....		6,960.30
Warrants cancelled—Income fund.....\$	375.00	
Warrants cancelled—Repair and Contingent fund..	27.50	
		402.50

Total income from all sources for all purposes, 1910-1911	\$649,328.76
Total balance in all funds, July 1, 1910.....	20,979.33
Grand total	\$670,308.09

*These funds are in the nature of University trusts, the proceeds being used for scholarships, prizes, etc.

EXPENDITURES—1910-1911.

Income fund	\$427,067.60
Library fund	15,944.65
Building Tax fund	132,634.22
Repair and Contingent fund.....	16,007.97
Equipment and Supplies fund.....	6,066.49
Equipment new Medical Buildings fund.....	310.82
Equipment new Law Building, etc., fund.....	6,434.81
Heating and Hydraulic Plants Equipment fund....	6,059.42
Special Land fund.....	18,553.78
Donated Land fund.....	1,877.99
Paving, Sidewalks and Campus fund.....	5,079.76
A. Whitney Carr Scholarship Income fund.....	2,790.00
F. O. Lowden Prize Income fund.....	150.00
W. J. Bryan Prize Income fund.....	10.00
Mark Ranney Memorial Income fund.....	3,187.63
Waite Lowry Gifford Memorial Income fund.....	415.90
Charles M. Jesup Prize Income fund.....	50.00
Total expenditures	\$642,641.04
Total balance on hand, June 30, 1911.....	27,667.05
Grand total	\$670,308.09

INCOME FUND—1910-1911.

RECEIPTS.

From State appropriations:

32d G. A., chapter 212, section 2.....	\$195,500.00
32d G. A., chapter 214, section 2.....	35,000.00
33d G. A., chapter 244, section 1.....	47,000.00
34th G. A., chapter 209, section 1.....	19,693.96
	\$297,193.96

From tuitions:

College of Liberal Arts.....	\$ 16,770.75
College of Applied Science.....	2,880.50
College of Law.....	10,142.50
College of Medicine.....	5,797.75
College of Homeopathic Medicine.....	900.50
College of Dentistry.....	7,746.00
College of Pharmacy.....	2,118.00
Graduate College	250.00
Summer Session and Library School.....	1,030.00
School of Music.....	5,175.75
Special Examinations	234.00
	53,045.75

From miscellaneous sources:

Diploma Fees.....	\$ 3,809.00	
..University Hospital Receipts.....	38,874.11	
Ophthalmology and Otology Receipts.....	883.10	
University Homeopathic Hospital Receipts.....	8,199.85	
Dental Clinic Receipts.....	8,245.64	
Law Loan Book Account.....	358.15	
Engineering Testing Laboratory Receipts.....	55.39	
Interest on daily bank balance.....	1,827.04	
Miscellaneous cash—material sold, laboratory breakage, locker rentals, etc.....	2,862.05	\$ 65,114.33
Interest on permanent land fund.....	\$ 12,302.81	
Rents from permanent land fund.....	100.00	12,402.81
Warrants cancelled.....		375.00
Total receipts, Income Fund, 1910-11.....		\$428,131.85
Balance, cash on hand, July 1, 1910.....		5,150.82
Grand total.....		\$433,282.67

SUMMARY OF EXPENDITURES.

College of Liberal Arts:		
Salaries	\$117,608.00	
Departmental Expenses	8,127.02	\$125,735.02
College of Applied Science:		31,400.00
Salaries		
College of Law:		
Salaries	18,040.00	
Supplies and incidentals.....	101.18	18,141.18
College of Medicine:		
Salaries	33,605.00	
Supplies, apparatus, etc.....	5,463.86	39,068.86
College of Homeopathic Medicine:		
Salaries	5,350.00	
Supplies, apparatus, etc.....	73.48	5,423.48
College of Dentistry:		
Salaries	16,100.00	
Supplies, apparatus, etc.....L.....	6,786.57	22,886.57
College of Pharmacy:		
Salaries	4,300.00	
Supplies, apparatus, etc.....	1,466.67	5,766.67
Graduate College:		
Fellowships and scholarships.....	3,662.50	
Supplies, etc.....	244.87	3,907.37

Summer Session and Library School:

Salaries	7,185.00	
Supplies and incidentals.....	212.53	
		7,397.53

General Library:

Salaries	5,266.62	
Supplies and assistance by the hour.....	1,749.90	
		7,016.52

Administration:

Salaries	16,130.00	
Supplies and assistance by the hour.....	1,683.35	
		17,813.35

Alumni Bureau:

Salaries	1,000.00	
Supplies, stenographic service, etc.....	1,427.37	
		2,427.37

University Extension expenses.....	451.87
Law Loan Book Account.....	598.50
University Hospital expenditures.....	41,692.97
University Homeopathic Hospital expenditures....	8,114.71
General expenditures from Income Fund.....	83,578.59
Tuitions refunded by order of the Board.....	135.00
Tuitions in the School of Music, collected by the Secretary, and turned over to the Director of the School	5,175.75
Engineering Testing Laboratory expenditures....	30.89

Total expenditures from Income Fund, 1910-11.. \$426,762.20

Warrant account charged to Income Fund by
order of the Board..... 305.40

Total from Income Fund..... \$427,067.60

Balance, June 30, 1911..... 6,215.07

Grand Total \$433,282.67

ITEMIZED EXPENDITURES—COLLEGE OF LIBERAL ARTS.

Botany:

Thomas H. Macbride, professor.....	\$ 3,000.00	
Bohumil Shimek, Professor.....	2,100.00	
R. B. Wylie, Professor.....	2,000.00	
Lucy M. Cavanagh, Herbarium Ass't.....	500.00	
Supplies, etc.		\$ 605.15
Assistance by the hour.....		35.05

Chemistry:

E. W. Rockwood, Professor.....	2,600.00
W. J. Karslake, Assistant Professor.....	1,400.00
J. N. Pearce, Assistant Professor.....	1,500.00
C. F. Nelson, Instructor.....	900.00
Edw. Wolesensky, Instructor.....	900.00
Edw. X. Anderson, Instructor.....	800.00

Clarence Estes, Instructor.....	800.00	
J. E. Booge, Assistant Instructor.....	600.00	
Walter G. Kirby, Storekeeper.....	600.00	
Floyd E. Joyce, Assistant.....	100.00	
Otis M. Weigle, Assistant.....	100.00	
Supplies and apparatus.....		3,897.08
Education:		
F. E. Bolton, Professor and Director.....	3,000.00	
H. C. Dorcas, Professor and University Examiner (5 mos.)	900.00	
Irving King, Assistant Professor.....	1,600.00	
R. M. Stewart, Assistant (5 mos.).....	200.00	
R. M. Stewart, Instructor (5 mos.).....	600.00	
Margaret Cummings, Assistant.....	200.00	
J. J. McConnell, Lecturer.....	600.00	
Bertha Sparks, Stenographer (12 mos.).....	600.00	
Anna Shepard, Stenographer (2 mos.).....	120.00	
Supplies, traveling expenses, etc.....		276.20
English:		
C. F. Ansley, Professor.....	3,000.00	
E. N. S. Thompson, Assistant Professor.....	1,700.00	
S. B. Sloan, Assistant Professor.....	1,500.00	
Percival Hunt, Assistant Professor.....	1,400.00	
Marlow A. Shaw, Assistant Professor.....	1,400.00	
E. F. Piper, Assistant Professor.....	1,300.00	
May Shuck, Instructor.....	900.00	
Ellen Geyer, Instructor.....	900.00	
Florence Joy, Instructor.....	900.00	
Walter Myers, Assistant Instructor.....	600.00	
Henning Larsen, Assistant.....	250.00	
Theme Readers		1,307.75
Chair of Public Speaking:		
W. E. Jones, Instructor.....	1,000.00	
Flossie G. Dillon, Instructor (1st sem.).....	400.00	
Norma R. Harrison, Instructor (2d sem.).....	400.00	
E. Clyde Robbins, Assistant in Debate.....	200.00	
Geology:		
Samuel Calvin, Professor (8 mos.).....	2,400.00	
G. F. Kay, Professor.....	2,200.00	
A. O. Thomas, Instructor.....	800.00	
J. W. Carville, Attendant.....	500.00	
Supplies, etc.		129.80
German:		
C. B. Wilson, Professor.....	2,600.00	
F. B. Sturm, Assistant Professor.....	1,300.00	
F. A. Braun, Instructor.....	800.00	
Charlotte Reichmann, Instructor.....	800.00	
E. H. Lauer, Instructor.....	800.00	

Greek:

C. H. Weller, Professor and University Editor...	2,400.00
Margaret O'Connor, Assistant Instructor.....	400.00

History:

W. C. Wilcox, Professor and Dean.....	3,000.00
H. G. Plum, Professor.....	1,600.00
Clara M. Daley, Instructor.....	1,200.00

Latin:

F. C. Eastman, Professor.....	2,600.00
F. H. Potter, Professor.....	1,500.00
Geo. M. Sharrard, Assistant Professor.....	1,000.00

Mathematics:

L. G. Weld, Professor.....	3,000.00
R. P. Baker, Assistant Professor.....	1,200.00
J. F. Reilly, Assistant Professor.....	1,200.00
Sarah E. Cronin, Instructor.....	1,000.00
Raymond DuHadway, Instructor.....	900.00
Fred C. Eaton, Assistant Instructor (3 mos.)....	240.00
Geo. A. Chaney, Assistant Instructor (7 mos.)...	560.00
Supplies, etc.	1.50

Military Science:

M. C. Mumma, Professor and Commandant (12 mos.)	288.00
Howard J. Barnum, Bandmaster.....	500.00
Supplies, equipment, etc.....	249.98

Philosophy and Psychology:

C. E. Seashore, Professor and Dean of the Graduate College	3,100.00
E. D. Starbuck, Professor.....	2,000.00
Mabel C. Williams, Assistant Professor.....	750.00
Supplies, etc.	274.88

Physical Training and Athletics:

N. A. Kellogg, Director in Charge of Athletics..	900.00
E. G. Schroeder, Director in Charge of Physical Training for Men.....	1,200.00
Alice C. Wilkinson, Director in Charge of Physical Training for Women.....	1,300.00
Pianist in women's gymnasium.....	87.60
Supplies—women's gymnasium	103.85
Supplies—men's gymnasium	59.46

Physics:

George W. Stewart, Professor.....	2,800.00
L. P. Sieg, Assistant Professor.....	1,100.00
F. C. Brown, Assistant Professor.....	1,000.00
H. L. Dodge, Assistant Instructor.....	600.00
E. O. Dieterich, Undergraduate Assistant.....	75.00
C. E. Prall, Undergraduate Assistant.....	75.00
H. J. Hagedorn, Undergraduate Assistant.....	50.00

Political Economy and Sociology:

I. A. Loos, Professor and Director.....	2,800.00	
J. L. Gillin, Assistant Professor.....	1,800.00	
P. S. Peirce, Assistant Professor.....	1,800.00	
C. W. Wassam, Assistant Professor.....	1,400.00	
S. H. Goodyear, Lecturer on Accountancy.....	400.00	
Supplies and assistance by the hour.....		308.63

Political Science:

B. F. Shambaugh, Professor.....	2,100.00
F. E. Horack, Assistant Professor.....	1,400.00

Romance Languages:

S. H. Bush, Professor.....	2,200.00
Chas. O. Stewart, Assistant Professor.....	1,400.00
Hertha L. Voss, Assistant Professor.....	1,200.00

Zoology:

C. C. Nutting, Professor.....	2,600.00	
G. L. Houser, Professor.....	1,800.00	
H. F. Wickham, Professor.....	1,500.00	
H. R. Dill, Taxidermist and Assistant Professor (12 mos.)	1,400.00	
F. A. Stromsten, Assistant Professor.....	1,000.00	
Dayton Stoner, Assistant in Museum.....	225.00	
Adolph Ringoen, Assistant in Animal Biology (7 mos.)	70.00	
Chas. M. Fraser, Assistant in Animal Biology (3 mos.)	30.00	
R. A. French, Undergraduate Assistant in Animal Biology	100.00	
Edna Kern, Undergraduate Assistant in Animal Biology	100.00	
Paul Endicott, Mimeographer in Animal Biology	50.00	
Christian H. Hermann, Jr., Storekeeper in Animal Biology	25.00	
Assistance in Museum.....		177.00
Supplies for Animal Biology.....		367.71
Supplies for Zoology.....		103.45
Supplies for Museum.....		141.93
Helen C. Gilchrist, Clerk to the Dean (12 mos.)..	900.00	

Total salaries, College of Liberal Arts.....\$117,608.00

Total departmental expenses, College of Liberal
Arts\$ 8,127.02

Grand total\$125,735.02

ITEMIZED EXPENDITURES—COLLEGE OF APPLIED SCIENCE.

Civil Engineering:

Wm. G. Raymond, Professor and Dean (12 mos.)	\$ 5,000.00
S. M. Woodward, Professor of Hydraulics	2,600.00
B. J. Lambert, Professor of Structural Engineering	2,400.00
J. H. Dunlap, Instructor	1,400.00
F. C. Young, Instructor	1,200.00

Drawing and Descriptive Geometry:

F. G. Higbee, Professor	1,700.00
R. B. Dale, Instructor	1,300.00
D. P. Gilmore, Instructor	1,200.00
R. E. Hutchins, Instructor	800.00

Electrical Engineering:

A. H. Ford, Professor	2,400.00
J. B. Hill, Assistant Professor	1,600.00

Mechanical Engineering:

B. P. Fleming, Professor	2,400.00
J. E. Boynton, Assistant Professor	1,400.00
George Keller, Instructor	900.00
H. W. Smith, Instructor	900.00

Mechanics:

A. G. Smith, Professor	2,100.00
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Mining:

A. W. Hixson, Instructor in charge	1,500.00
Elizabeth Martin, Clerk to the Dean	600.00

Total salaries, College of Applied Science	\$ 31,400.00
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ITEMIZED EXPENDITURES—COLLEGE OF LAW.

C. N. Gregory, Professor and Dean	\$ 4,000.00
E. A. Wilcox, Professor	2,500.00
H. C. Horack, Professor	3,000.00
Barry Gilbert, Professor	3,100.00
Percy Bordwell, Professor	2,750.00
Ralph M. Otto, Instructor	1,200.00
H. M. Towner, Lecturer	500.00
M. L. Ferson, Law Librarian (6 mos.)	450.00
C. F. Gittins, Law Librarian (4 mos.)	200.00
C. F. Gittins, Assistant in Law Library (6 mos.)	15.00
H. J. Maurer, Assistant in Law Library	25.00
L. F. Hood, Assistant in Law Library	25.00
A. O. Wydell, Assistant in Law Library	25.00
Fred Hamilton, Stenographer	250.00
Supplies and Incidentals	\$ 101.18
Total salaries, College of Law	\$ 18,040.00
Total supplies, College of Law	\$ 101.18
Grand total	\$ 18,141.18

ITEMIZED EXPENDITURES—COLLEGE OF MEDICINE.

Anatomy, Histology, and Embryology:

H. J. Prentiss, Professor.....	\$ 4,400.00	
F. P. Lord, Instructor.....	1,400.00	
J. J. Lambert, Instructor.....	1,100.00	
D. H. Osborn, Assistant Demonstrator.....	600.00	
Geo. R. Albertson, Assistant Demonstrator.....	600.00	
G. A. May, Undergraduate Assistant.....	100.00	
W. W. Larsen, Undergraduate Assistant.....	75.00	
T. B. Herrick, Undergraduate Assistant.....	50.00	
Supplies, etc.		117.36
Dissecting material		2,127.26

Gynecology and Obstetrics:

J. R. Guthrie, Professor and Dean.....	1,200.00	
W. R. Whiteis, Professor.....	1,000.00	
Paul Reed, Assistant.....	800.00	
H. E. Pfeiffer, Assistant.....	150.00	
C. S. Krause, Clinical Assistant.....	200.00	
Apparatus and supplies.....		105.30
Fund for clinic.....		554.44

Materia Medica:

C. S. Chase, Professor.....	2,000.00	
M. B. Call, Undergraduate Assistant.....	50.00	
L. L. Shafer, Undergraduate Assistant.....	50.00	
F. J. Rohner, Undergraduate Assistant.....	50.00	
L. A. Hammer, Undergraduate Assistant.....	50.00	
Apparatus and supplies.....		169.12

Ophthalmology, Otology, Rhinology, and Laryngology:

L. W. Dean, Professor.....	1,100.00	
W. F. Boiler, Instructor.....	400.00	
J. J. Lambert, Instructor.....	600.00	
Mary K. Heard, Instructor.....	500.00	
S. A. O'Brien, Clinical Assistant.....	500.00	
Apparatus and supplies.....		1,489.11

Pathology and Bacteriology:

Henry Albert, Professor.....	1,500.00	
A. M. Mendenhall, Instructor.....	1,200.00	
M. F. Boyd, Undergraduate Assistant.....	120.00	
F. A. Barber, Undergraduate Assistant.....	75.00	
Anna Stach, Stenographer (12 mos.).....	180.00	
Jos. Anderson, Attendant (12 mos.).....	660.00	
W. D. Bradley, Attendant (8 mos.).....	320.00	
Supplies and laboratory expense.....		401.34

Physiology:

J. T. McClintock, Professor.....	2,200.00	
H. W. Coffin, Instructor.....	1,200.00	
P. C. Colgrove, Undergraduate Assistant.....	125.00	
Supplies, etc.		313.13

Surgery:

Wm. Jepson, Professor.....	1,100.00	
A. J. Burge, Assistant Professor.....	1,250.00	
F. L. Love, Assistant.....	75.00	
Clara B. Whitmore, Assistant.....	75.00	
Supplies, etc.		4.50

Theory and Practice:

C. P. Howard, Professor.....	4,000.00	
Clarence Van Epps, Professor.....	1,500.00	
C. S. Grant, Instructor.....	500.00	
Supplies, etc.		182.30

Lecturers:

J. B. Kessler, Lecturer on Dermatology.....	300.00
Max E. Witte, Lecturer on Mental Diseases.....	200.00
H. E. Kirschner, Lecturer on Tuberculosis.....	50.00

Total salaries, College of Medicine.....	\$ 33,605.00	
Total supplies, etc., College of Medicine.....		\$ 5,463.86
Grand total		\$ 39,068.86

ITEMIZED EXPENDITURES—COLLEGE OF HOMEOPATHIC
MEDICINE.

Materia Medica:

George Royal, Professor and Dean.....	\$ 1,200.00
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Obstetrics:

D. L. Davis, Professor.....	950.00	
Supplies		\$ 37.09

Ophthalmology:

W. L. Bywater, Professor.....	850.00	
Supplies		10.35

Surgery:

F. C. Titzell, Professor.....	1,100.00	
Supplies		26.04

Theory and Practice:

Irwin Schenck, Professor.....	950.00	
T. L. Hazard, Lecturer on Paediatrics.....	200.00	
Ivy S. Titzell, Anaesthetist.....	100.00	

Total salaries, College of Homeopathic Medicine	\$ 5,350.00	
Total supplies, College of Homeopathic Medicine		\$ 73.48
Grand total		\$ 5,423.48

ITEMIZED EXPENDITURES—COLLEGE OF DENTISTRY.

Operative Dentistry:

F. T. Breene, Professor.....	\$ 1,100.00
R. H. Volland, Professor.....	2,400.00
Henry C. Pelton, Demonstrator of Operative Dentistry and Lecturer.....	1,600.00

Orthodontia:

Richard Summa, Professor.....	1,200.00
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Prosthetic Dentistry:

W. S. Hosford, Professor and Dean.....	2,000.00
Henry Morrow, Professor.....	1,500.00
W. E. Spence, Demonstrator.....	1,200.00

Regional Anatomy and Clinical Dentistry:

E. A. Rogers, Professor and Superintendent of Clinics	2,000.00
C. W. Wilkinson, Demonstrator.....	1,300.00
Harry Teege, Demonstrator.....	1,000.00
Ella Baschnagel, Clerk.....	500.00
Mary Otto, Assistant Clerk.....	300.00

Dues—Dental Association.....	\$ 80.00
Dental clinic expense.....	6,032.83
Dental laboratory expense.....	285.74
Dental Alumni Clinic.....	369.20
Stenographic service	18.80

Total salaries, College of Dentistry.....	\$ 16,100.00
Total supplies, etc., College of Dentistry.....	\$ 6,786.57
Grand total	\$ 22,886.57

ITEMIZED EXPENDITURES—COLLEGE OF PHARMACY.

W. J. Teeters, Professor and Dean.....	\$ 2,100.00
Zada M. Cooper, Instructor.....	1,000.00
R. A. Kuever, Instructor (12 mos.).....	1,200.00
Pharmacy supplies, etc.....	\$ 1,384.67
Stenographic service	82.00

Total salaries, College of Pharmacy.....	\$ 4,300.00
Total supplies, etc., College of Pharmacy.....	\$ 1,466.67
Grand total	\$ 5,766.67

ITEMIZED EXPENDITURES—GRADUATE COLLEGE.

D. A. Anderson, Senior Fellow in Education.....	\$ 400.00
Albert Kuntz, Senior Fellow in Zoology.....	400.00
N. D. Knupp, Fellow in Botany.....	225.00
D. E. Merrill, Fellow in Zoology.....	225.00
W. R. Miles, Fellow in Philosophy and Psychology.....	225.00
F. O. Smith, Fellow in Psychology.....	225.00

Mabel L. Anderson, Scholar in Latin.....	125.00	
Florence O. Armstrong, Scholar in History.....	125.00	
Paul W. Black, Scholar in Sociology.....	125.00	
Mary C. Bowen, Scholar in German.....	125.00	
C. A. Buckner, Scholar in Education (8 mos.)....	100.00	
W. H. Clark, Scholar in Physics.....	125.00	
Lilah B. Crum, Scholar in Physics.....	125.00	
Tacie Knease, Scholar in Education.....	125.00	
Besse Matson, Scholar in English (2 mos.).....	25.00	
Jessie A. MacArthur, Scholar in English.....	125.00	
Jessie A. Parish, Scholar in Zoology.....	125.00	
Ella Shimek, Scholar in Botany.....	125.00	
Florence S. Taylor, Scholar in English.....	125.00	
Bessie C. Tourtelotte, Scholar in Latin.....	125.00	
Irma A. Uhde, Scholar in Botany.....	125.00	
Thomas F. Vance, Scholar in Psychology.....	125.00	
Helen M. Vogt, Scholar in English (7 mos.).....	87.50	
Stenographic service, traveling expense, etc.....		\$ 244.87
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Total, fellowships and scholarships, Graduate College	\$ 3,662.50	
Total supplies, etc., Graduate College.....		\$ 244.87
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Grand total		\$ 3,907.37

ITEMIZED EXPENDITURES—SUMMER SESSION AND LIBRARY SCHOOL.

Summer Session:

Bohumil Shimek, Professor in Botany.....	\$ 250.00
G. W. Wilson, Instructor in Botany.....	100.00
Lucy Cavanagh, Assistant in Botany.....	50.00
E. W. Rockwood, Professor in Chemistry.....	300.00
W. B. Johnson, Assistant in Chemistry.....	50.00
F. E. Bolton, Professor in Education.....	500.00
H. C. Dorcas, Professor in Education.....	250.00
F. C. Ensign, Professor in Education.....	250.00
R. M. Stewart, Assistant in Education.....	50.00
Percival Hunt, Assistant Professor in English...	150.00
E. F. Piper, Assistant Professor in English.....	150.00
M. A. Shaw, Assistant Professor in English.....	150.00
G. F. Kay, Professor in Geology.....	250.00
C. B. Wilson, Professor in German.....	300.00
F. A. Braun, Instructor in German.....	100.00
Margaret O'Connor, Assistant in Greek.....	50.00
W. C. Wilcox, Professor in History.....	500.00
F. C. Eastman, Professor in Latin.....	300.00
Geo. M. Sharrard, Instructor in Latin.....	100.00
L. G. Weld, Professor in Mathematics.....	300.00
R. P. Baker, Instructor in Mathematics.....	100.00

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W. E. Beck, Instructor in Mathematics.....	100.00	
C. E. Seashore, Professor in Philosophy and Psychology	500.00	
E. D. Starbuck, Professor in Philosophy and Psychology	250.00	
W. R. Miles, Assistant in Philosophy and Psychology	50.00	
G. W. Stewart, Professor in Physics.....	300.00	
L. P. Sieg, Assistant Professor of Physics.....	150.00	
J. L. Gillin, Professor in charge of Political Economy and Sociology.....	250.00	
P. S. Peirce, Assistant Professor of Political Economy and Sociology.....	150.00	
B. F. Shambaugh, Professor of Political Science	300.00	
S. H. Bush, Professor of Romance Languages...	300.00	
H. F. Wickham, Professor of Zoology.....	250.00	
D. E. Merrill, Assistant in Zoology.....	50.00	
Supplies and incidental expenses.....		\$ 21.79
Advertising, printing, etc.....		49.75
Library School:		
Bertha T. Randall, Instructor in Cataloging....	150.00	
Karen M. Jacobsen, Instructor in Classification..	60.00	
Edna Lyman, Instructor in children's work.....	75.00	
Alice Tyler, expenses.....		25.00
Karen M. Jacobsen, expenses.....		14.80
Bertha T. Randall, expenses.....		37.70
Edna Lyman, expenses.....		14.80
Linda A. Eastman, expenses.....		23.05
Chalmers Hadley, expenses.....		12.55
Grace D. Rose, expenses.....		2.41
Margaret M. Brown, expenses.....		10.68
Total salaries, Summer Session and Library School	\$ 7,185.00	
Total expenses, etc., Summer Session and Library School		\$ 212.53
Grand total		\$ 7,397.53

ITEMIZED EXPENDITURES—LIBRARY.

M. G. Wyer, Librarian (12 mos.).....	\$ 1,900.00	
Jennie E. Roberts, Head Cataloger (12 mos.).....	960.00	
Nina Shaffer, Reference Assistant (12 mos.).....	786.68	
Bessie Stover, Assistant Cataloger (10 mos.).....	580.00	
Della F. Northey, Assistant Cataloger (7 mos.).....	466.62	
Josephine Leonard, Stenographer.....	440.00	
J. Van der Zee, Reference Assistant (2 mos.).....	133.32	
Assistance by the hour.....		976.20

IOWA STATE BOARD OF EDUCATION

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Supplies and incidentals.....	237.55
Assistance for filing.....	536.15
Total salaries, Library.....	\$ 5,266.62
Total assistance and supplies, Library.....	\$ 1,749.90
Grand total	\$ 7,016.52

ITEMIZED EXPENDITURES—ALUMNI BUREAU.

E. C. Robbins, Secretary.....	\$ 1,000.00
Stenographic service, supplies, etc.....	\$ 586.59
Stenographic service, etc., Alumni Directory.....	840.78
Total salaries, Alumni Bureau.....	\$ 1,000.00
Total stenographic service and supplies, Alumni Bureau	1,427.37
Grand total	\$ 2,427.37

ITEMIZED EXPENDITURES—ADMINISTRATION.

President's Office:

George E. MacLean, President.....	\$ 6,000.00
Imogene Benson, Executive Clerk.....	960.00
C. C. Hakes, Messenger.....	91.90
L. N. Hildebrand, Messenger.....	8.10
Supplies, etc.	\$ 94.05

Registrar's Office:

E. C. Barrett, Registrar and Secretary to the President (7 1-3 mos.).....	1,100.00
H. C. Dorcas, Registrar and University Examiner (5 mos.)	1,250.00
Hazeldean Toof, Assistant.....	720.00
Edith Rigler, Assistant.....	600.00
Furniture and supplies.....	174.20
Assistance by the hour.....	676.72

Secretary's Office:

W. J. McChesney, Secretary.....	\$ 2,500.00
W. H. Bates, Assistant Secretary.....	1,300.00
Supplies, etc.	99.93
Assistance by the hour.....	399.33

Dean of Women:

Anna M. Klingshagen, Dean.....	1,600.00
University Examiner, stenographic assistance.....	103.25
University Editor, stenographic assistance.....	135.87

Total salaries, Administration.....	\$ 16,130.00
Total furniture, supplies and assistance by the hour, Administration	\$ 1,683.35
Grand total	\$ 17,813.35

ITEMIZED EXPENDITURES—UNIVERSITY EXTENSION.

Expended for traveling expenses, printing, stenographic service, stereopticon supplies, etc., for University Extension work.....	\$ 151.87
Lakeside Laboratory scholarships.....	300.00

GENERAL EXPENDITURES FROM INCOME FUND.

President's traveling expenses.....	\$ 694.57
Commencement expenses	1,237.39
General unclassified account.....	5,065.83

This sum was expended for items for which no special appropriations were made.

Mimeographic and stenographic supplies for all departments..	202.67
Board of Publication.....	420.45

This sum was expended for reprints of articles by Professors Stewart, Seashore, Assistant Professor Sieg, and Mr. W. R. Miles; also for printing Natural Science Bulletin and binding reprints.

General Lectures	499.51
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This sum was expended for a series of lectures by Rev. Joseph Newton; also in paying the expenses of lecturers for University assemblies, vesper services, etc., as follows: B. H. Hibbard; George E. Roberts; Richard C. Hughes; F. B. Lange; Clara E. Millard; Alice French; S. W. Williston; Edw. L. Nichols; Maj. S. H. M. Byers; Dr. A. M. Judy; Professor D. D. Stoops; Lieut. Gov. G. W. Clarke.

Printing and Paper.....	2,186.65
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Printing, stationery and miscellaneous publications.

Calendars and announcements.....	1,119.00
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Cost of printing and paper for calendars and announcements of all schools and colleges.

Postage	2,151.72
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On general and second class matter.

Telegrams	60.30
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Advertising	1,169.31
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Advertising the University in miscellaneous publications.

Janitor service	19,379.52
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Janitors are paid from \$40 to \$50 a month; student help is paid 15 cents an hour.

Janitor's supplies	1,561.88
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Engineer and firemen.....	8,676.71
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The engineer is paid \$1,080 per annum; two operators at the hydro-electric plant are paid \$67.50 a month each, and one at the sub-station \$55 a month. There are from four to twelve firemen, varying according to the season of the year, who are paid from \$45 to \$55 a month each.

Power house and heating plant supplies.....	665.17
Fuel	24,809.92
Contract for the year 1910-11 was awarded to H. W. Lynch, Peoria, Illinois, for mine run at \$1.50 and screenings at 75c, f. o. b. mines, freight to Iowa City being \$1.38, the amount of each to be determined by the University. Hauling costs 23½c a ton. Consumption, 8,090 tons.	
Water service	1,948.05
For all water used in all University buildings, the water rate being 6½c a thousand gallons.	
Gas and electric light.....	2,530.66
Gas costs \$1.00 a 1,000 cu. ft. and electric light 14c a k. w. hour.	
Telephones	809.79
Y. M. C. A. rent.....	800.00
The University rents three halls for the use of the literary societies and the gymnasium for use as a woman's gymnasium, paying \$800 per annum, besides heating the building from the University heating plant.	
Y. M. C. A. support.....	400.00
Money expended to maintain an employment bureau and to make a directory of rooming and boarding places.	
University laundry—wages	204.01
Garbage service	266.20
Ice, at 12½c per 100 lbs.....	948.96
Stenographic service	754.49
For all departments and for the administrative offices, paid at the rate of 25c an hour.	
J. M. Fisk, Superintendent of Grounds and Buildings (one-half salary)	1,000.00
Mr. Fisk received a salary of \$2,000.00 for the year, \$1,000.00 being charged to the Building Tax Fund.	
David S. Welch, Assistant Superintendent of Grounds and Buildings, salary (6 mos.).....	535.00
B. W. Aubrey, Assistant to Superintendent of Grounds and Buildings, salary (6 mos.).....	540.00
Ellsworth Bright, Head Janitor, salary.....	900.00
F. P. Englert, University Carpenter, salary.....	815.00
S. E. Shaff, University Electrician, salary.....	1,225.83
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Total general expenditures from Income fund.....	\$ 83,578.59

LAW LOAN BOOK ACCOUNT.

Balance in Income fund to credit of Law Loan Book account, July 1, 1910.....	\$ 225.63
Received from rent of law books.....	358.15

SECOND BIENNIAL REPORT

EXPENDITURES.

Paid out for new books and for the rebinding of old loan sets		\$	598.50
Balance overdrawn on Law Loan Book account.			
Balanced to Income fund.....	14.72		
	<u>\$</u>	<u>598.50</u>	<u>\$ 598.50</u>

UNIVERSITY HOSPITAL ACCOUNT.

Balance in Income fund to credit of the University Hospital account, July 1, 1910.....	\$	3,474.17
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RECEIPTS.

Hospital earnings	\$	33,641.13
Nurses' earnings outside of hospital....		1,322.98
Operating room fees.....		3,910.00
		<u>38,874.11</u>
Total receipts, 1910-11.....		

EXPENDITURES.

Salaries		\$	7,407.15
The Superintendent of the Nurses Training School of the Hospital received \$100 a month; the Assistant Superintendent, \$65 a month; the Head Nurse, \$65 a month; the Matron, \$70 a month; the Assistant Matron, \$30 a month; the Housekeeper, \$55 a month; the Assistant Housekeeper, \$25 a month; the Dietitian, \$50 a month. There are about 40 nurses who receive \$5 a month each.			
Help			4,019.56
There was a cook employed at \$40 a month; a second cook at \$30 a month; three women to do cleaning at \$30 a month each; a janitor at \$50 a month; and about 8 housemaids at from \$14 to \$15 a month each.			
Provisions			12,889.05
Household			13,157.33
This account covers house furnishings for the hospital, including furniture, carpets, linen, dishes, etc.			
Medicine			4,219.88
This account covers medical and surgical supplies for the hospital.			
Total expenditures, 1910-11.....		<u>\$</u>	<u>41,692.97</u>
Balance in Income fund to the credit of the University Hospital account, June 30, 1911..			655.31
	<u>\$</u>	<u>42,348.28</u>	<u>\$ 42,348.28</u>

UNIVERSITY HOMEOPATHIC HOSPITAL ACCOUNT.

Balance in Income fund to the credit of the University Homeopathic Hospital account, July 1, 1910\$ 796.62

RECEIPTS.

Hospital earnings\$ 6,712.55
Nurses' earnings outside of hospital.... 664.80
Operating room fees..... 822.50
Total receipts, 1910-11..... 8,199.85

EXPENDITURES.

Salaries\$ 1,517.50
The Superintendent received \$75 a month.
There were about 10 nurses who received \$5 a month each.
Help 553.79
A cook was employed at \$24 a month, and a housekeeper at \$14 a month; also a woman to do cleaning at various times at 15 cents an hour.
Provisions 3,535.62
Household 2,091.54
This account includes house furnishings for the hospital, including furniture, carpets, linen, dishes, etc.
Medicine 416.26
This account covers medical and surgical supplies for the hospital.
Total expenditures, 1910-11.....\$ 8,114.71
Balance in Income fund to the credit of the University Homeopathic Hospital account, June 30, 1911 881.76

\$ 8,996.47 \$ 8,996.47

ENGINEERING TESTING LABORATORY ACCOUNT.

RECEIPTS.

Received from fees and charges.....\$ 55.39

EXPENDITURES.

Paid for material, etc., used in laboratory.....\$ 30.89
Balance in Income fund to credit of Engineering Testing Laboratory account..... 24.50
\$ 55.39 \$ 55.39

SECOND BIENNIAL REPORT

LIBRARY FUND.

Cash on hand, July 1, 1910.....\$ 1,445.78

RECEIPTS.

From state warrants under chapter 244, section 1,
laws of 33d G. A..... 15,000.00
From state warrants under chapter 200, section 1,
laws of 34th G. A..... 501.37
From sale of books and supplies..... 12.18

EXPENDITURES.

General Library, books.....	\$ 12,816.78
General Library, binding.....	953.08
Law Library, books and binding.....	2,174.79
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Total expenditures, 1910-11.....	\$ 15,944.65
Balance on hand, June 30, 1911.....	1,014.68
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	\$ 16,959.33 \$ 16,959.33

BUILDING TAX FUND.

Cash on hand, July 1, 1910.....\$ 3,375.75

RECEIPTS.

From state warrants under chapter 183, section 1,
laws of 31st G. A.....\$135,000.00
From sale of old material..... 2.00

EXPENDITURES.

G. H. Ellsworth, Superintendent of Construction (1 mo.)	\$ 166.66
J. M. Fisk, Superintendent of Construction (one- half salary)	1,083.30
Law Building:	
Electrical work	\$.72
Steam fitting	37.14
Grading	69.78
	<hr/>
Total, Law Building.....	107.64
Engineering Shops:	
C. W. Ennis, on contract.....	\$ 2,297.81
Plumbing	2.71
Electrical work	527.35
Miscellaneous	57.75
	<hr/>
Total, Engineering Shops	2,885.62

Physics Building:

Jas. Rowson & Co., on contracts.....	\$ 92,326.68
Proudfoot, Bird & Rawson, plans.....	467.31
Plumbing	1,866.01
Heating	1,247.02
Electrical work	2,523.40
Tunnel	75.82
Conduit work	349.84
Gas piping	130.78
Compressed air	73.24
Miscellaneous	36.67

Total, Physics Building..... 99,096.77

University Hospital Extension:

C. W. Ennis, on contract.....	\$ 22,227.65
Proudfoot, Bird & Rawson, plans.....	1,203.18
Foundation	4,261.44
Heating	292.59
Electrical work	254.15
Plumbing	1,019.22
Miscellaneous	36.00

Total, University Hospital Extension 29,294.23

Total expenditures from the Building Tax fund,

1910-11 \$132,634.22

Cash on hand, June 30, 1911..... 5,743.53

\$138,377.75 \$138,377.75

EQUIPMENT LAW BUILDING, ETC., FUND.

Cash on hand, July 1, 1910.....\$ 100.95

RECEIPTS.

Received state warrants under chapter 244, section 1, laws of 33d G. A..... 9,500.00

EXPENDITURES.

Equipment, Law Building.....	\$ 435.55
Equipment, Department of Animal Biology.....	93.60
Equipment, Museum	127.28
Equipment, Senate Room, Old Capitol.....	139.01
Equipment, University Hospital.....	209.60
Equipment, miscellaneous buildings	520.61

Equipment, Engineering Shops:

Chicago Flexible Shaft Co., furnace....	\$ 228.70
E. L. Essley Machine Co., boring mill.	890.00
R. A. Kelly Co., crank shaper.....	415.00
Euclid Crane & Hoist Co., hoist.....	50.00
New Britain Machine Co., machines..	110.47

Chas. A. Strelinger Co., machines.....	75.00	
Terrels Equipment Co., machines.....	64.63	
W. D. Allen Mfg. Co., pulleys, etc.....	107.29	
Fairbanks, Morse & Co., belting.....	115.72	
Simplex Mfg. Co., machine.....	100.55	
William White & Co., trip-hammer...	380.00	
Allis-Chalmers Co., motor.....	200.00	
Chas. H. Besley Co.....	83.81	
Monarch Electric & Wire Co.....	29.57	
Electric Appliance Co.....	18.25	
Illinois Electric Co.....	7.44	
W. S. Thomas, hardware.....	42.81	
Smith & Cilek, hardware.....	7.85	
Iowa City Iron Works, hardware....	16.13	
Maresh Bros., hardware.....	63.77	
Duluth Lumber Co., lumber.....	20.10	
W. F. Leinbaugh, lumber.....	80.85	
C., R. I. & P. Ry Co., freight on ma- chinery	158.65	
Parson Trans. Co., dray on machinery.	15.90	
Miscellaneous furnishings, labor, etc.	922.17	
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Total equipment, Engineering Shops		4,204.66
Carpenter Shop, Equipment:		
Merrill Mfg. Co., machine.....\$	180.00	
E. H. Sheldon Co., machine.....	348.50	
W. D. Allen Mfg. Co.....	67.35	
Iowa City Iron Works.....	54.48	
Duluth Lumber Co.....	12.20	
Freight and drayage.....	41.97	
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Total equipment, Carpenter Shop...		704.50
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Total expenditures, 1910-11.....		\$ 6,434.81
Cash on hand, June 30, 1911.....		3,166.14
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	\$ 9,600.95	\$ 9,600.95

EQUIPMENT NEW MEDICAL BUILDING FUND.

Cash on hand, July 1, 1910.....\$ 310.82

EXPENDITURES.

Equipment, physiology	\$ 121.30
Equipment, pathology and bacteriology.....	37.80
Equipment, anatomy and histology.....	151.72
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Total expenditures	\$ 310.82
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	\$ 310.82 \$ 310.82

HEATING AND HYDRAULIC PLANTS EQUIPMENT FUND.

RECEIPTS.

Received state warrants under chapter 244, section 1, laws of 33d G. A. \$ 7,500.00

EXPENDITURES.

Underfeed Stoker Co., stokers.....	\$ 1,385.56
Babcock & Wilcox Co., boiler.....	2,435.00
Chicago Retort and Fire Brick Co., fire brick....	107.00
Illinois Brick Co., fire brick.....	116.80
A. L. Idle & Sons.....	66.60
Iowa City Iron Works, boiler pumps, etc.....	831.51
Freight and drayage.....	86.04
Miscellaneous expense for material and labor.....	1,030.91
Total expenditures	\$ 6,059.42
Cash on hand, June 30, 1911.....	1,440.58
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	\$ 7,500.00 \$ 7,500.00

EQUIPMENT AND SUPPLIES FUND.

Cash on hand, July 1, 1910.....\$ 1,096.55

RECEIPTS.

State warrants under chapter 244, section 1, laws of 33d G. A.....	7,500.00
Sale of old material.....	13.00

EXPENDITURES.

Applied Science, equipment:

Civil Engineering	\$ 96.68
Mechanical Engineering	394.26
Electrical Engineering	432.18
Mining Engineering	44.52
	<hr/>
	\$ 967.64
Physics, equipment	998.32
Commercial museum, equipment.....	78.04
College of Dentistry, equipment.....	556.67
University Laundry, equipment.....	39.99
Library, cases	180.49
College of Medicine, equipment.....	410.68
General equipment	720.60
Electrical supplies	1,487.78
Plumbing supplies	622.78
Gas light supplies.....	3.50
	<hr/>
Total expenditures, 1910-11.....	\$ 6,066.49
Cash on hand, June 30, 1911.....	2,543.06
	<hr/>
	\$ 8,609.55 \$ 8,609.55

REPAIR AND CONTINGENT FUND.

Cash on hand, July 1, 1910.....\$ 3.65

RECEIPTS.

State warrants under chapter 212, section 2, laws of 32d G. A.....	\$ 7,500.00
State warrants under chapter 214, section 1, laws of 33d G. A.....	7,500.00
State warrants under chapter 200, section 1, laws of 34th G. A.....	1,002.75
Sale of old material.....	30.45
Warrants cancelled	27.50
Total receipts, 1910-11	16,060.70

EXPENDITURES.

General repairs	\$ 2,015.35
Plumbing repairs	1,065.75
Electrical repairs	1,118.71
University Hospital, repairs and painting.....	72.60
University Homeopathic Hospital, repairs and painting	12.00
Physics Building, repairs and painting.....	43.01
Old Science Hall, repairs and painting.....	66.75
School of Music, repairs and painting.....	38.04
Chemistry Building, repairs and painting.....	790.55
Hall of Liberal Arts—repairs and painting.....	506.22
Dental Building, repairs and painting.....	790.78
Green House, repairs and painting.....	29.70
Engineering Building, repairs and painting.....	79.90
Unity Hall, repairs and painting.....	53.07
Medical Building, repairs and painting.....	50.30
Armory, repairs and painting.....	256.15
Old Capitol Building, repairs and painting.....	1,570.59
Care of Athletic Field.....	524.37
Care of Campus.....	384.13
Registrar's office, repairs.....	297.80
President's House, grading	220.68
Boiler repairs	701.75
Heating plant, repairs.....	507.91
Hydro-electric plant, repairs	549.98
Pharmacy Laboratory, repairs.....	161.26
Materia Medica Laboratory, repairs.....	2.80
Library, shelves	208.52
Moving Department of Zoology.....	9.41
Fire hose	64.45
Gas engine	2,598.22
Tennis courts	227.91
Warehouse	213.20

IOWA STATE BOARD OF EDUCATION

213

Concrete mixer	245.81	
Light	474.30	
Steam tunnel	56.00	
Total expenditures, 1910-11.....	\$ 16,007.97	
Balance on hand, June 30, 1911.....	56.38	
	<u>\$ 16,064.35</u>	<u>\$ 16,064.35</u>

PAVING AND SIDEWALKS FUND.

Cash on hand, July 1, 1910.....\$ 2,088.66

RECEIPTS.

State warrants under chapter 244, section 1, laws
of 33d G. A.....3,000.00

EXPENDITURES.

City of Iowa City, paving Washington street, Capitol to Madison streets.....	\$ 3,616.89	
Wm. Horrabin, Washington street curbing, between Madison and Front streets.....	403.00	
Wm. Berry, grading, etc.....	193.92	
Miscellaneous expense for labor and material in construction of cement walks; also for gas pipe fence around Old Capitol campus; also for care of campus	865.95	
Total expenditures, 1910-11	\$ 5,079.76	
Cash on hand, June 30, 1911.....	8.90	
	<u>\$ 5,088.66</u>	<u>\$ 5,088.66</u>

DONATED LAND FUND.

Cash on hand, July 1, 1910.....\$ 374.47

RECEIPTS.

From the Board in Control of Athletics, one-half
cost of erecting two sections of concrete bleachers 938.99
From rents276.90

EXPENDITURES.

Miscellaneous expenses for material and labor in construction of two sections of concrete bleachers	\$ 1,877.99	
Balance overdrawn, June 30, 1911.....	287.63	
	<u>\$ 1,877.99</u>	<u>\$ 1,877.99</u>

SPECIAL LAND FUND.

Cash on hand, July 1, 1910.....\$ 1,310.50

RECEIPTS.

State warrants under chapter 244, section 1, laws of 33d G. A.....	\$ 17,500.00	
Rents	886.00	
Sale of old building on property purchased	545.47	
Total receipts, 1910-11		18,931.47

EXPENDITURES.

C. R. & I. C. Ry. & Light Co.:		
Purchase price of Lot 7, block 96, Iowa City, Iowa		\$ 2,500.00
Chas. M. and Marie C. Dutcher:		
Purchase price of E. ½ lot 4, block 60, Iowa City, Iowa		3,000.00
Thos. Farrell, Trustee:		
Purchase price of property described as follows:		
Beginning 50 feet W. of the NW. corner of lot 1, block 60, Iowa City, Iowa, thence south 80 feet, thence W. to a point 36 feet east of the SW. corner of said lot 1, thence north 80 feet, thence east to place of beginning.....		3,300.00
Chas. A. and Lillie F. Schmidt:		
Purchase price of S. ½ of S. ½, lot 5, block 79, Iowa City, Iowa.....		5,500.00
Henry G. Walker, examining abstract.....		20.00
Asa and Ella F. Moler:		
Purchase price of 36 feet off of the west end of lot 1, block 60, Iowa City, Iowa.....		3,600.00
Baker, Ball & Ball, examining abstract.....		5.00
Wade, Dutcher & Davis, examining abstract.....		31.00
County recorder, recording		1.70
Thos. Brennan, insurance		8.00
Chas. A. Schmidt, insurance.....		21.33
S. A. Swisher.....		105.00
Sundry expenditures for repairs on buildings owned and rented by the University.....		461.75
Total expenditures, 1910-11.....		\$ 18,553.78
Cash on hand, June 30, 1911.....		1,688.19
	\$ 20,241.97	\$ 20,241.97

PERMANENT LAND FUND.

Cash on hand, July 1, 1910.....	\$240,320.36	
Cash on hand, June 30, 1911.....		\$240,320.36
	\$240,320.36	\$240,320.36

WILLIAM JENNINGS BRYAN PRIZE FUND.

Cash on hand, July 1, 1910.....	\$ 250.00		
Cash on hand, June 30, 1911.....		\$	250.00
	\$ 250.00	\$	250.00

Note—This fund was established by Wm. Jennings Bryan, the interest to be used for an annual prize for the best essay on some phase of political science.

WILLIAM JENNINGS BRYAN PRIZE INTEREST FUND.

Cash on hand, July 1, 1910.....	\$ 26.16
Received interest on principal of \$250.....	12.50

EXPENDITURES.

Clarence M. Hanson, first prize, political science essay	10.00
Cash on hand, June 30, 1911.....	28.66
	\$ 38.66
	\$ 38.66

CHARLES M. JESUP PRIZE FUND.

Received from Charles M. Jesup.....	\$ 100.00
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EXPENDITURES.

E. Clyde Robbins, prize for best essay on phase of present-day citizenship	\$ 50.00
Cash on hand, June 30, 1911.....	50.00
	\$ 100.00
	\$ 100.00

Note—The sum of \$100 was contributed to this fund by Charles M. Jesup to constitute prizes to undergraduates of the University for the best essay on some phase or phases of present-day citizenship.

A. WHITNEY CARR FREE SCHOLARSHIP FUND.

Cash on hand, July 1, 1910.....	\$ 50,000.00		
Cash on hand, June 30, 1911.....		\$	50,000.00
	\$ 50,000.00	\$	50,000.00

A. WHITNEY CARR FREE SCHOLARSHIP INTEREST FUND.

Cash on hand, July 1, 1910.....	\$ 3,886.84
Received interest on principal of \$50,000.....	2,470.51

EXPENDITURES.

Scholarships as follows:

Ada H. Beach.....	\$ 15.00
Hazel E. Askey.....	20.00
N. E. Smith.....	20.00
Maude Elliott	20.00

Caroline Day	25.00
H. F. Kiesling.....	20.00
F. M. McDowell.....	20.00
Pearl M. Peterson.....	20.00
Paul Endicott	20.00
H. J. Wehman.....	25.00
Eva May Sinn.....	20.00
Clifford H. Farr.....	20.00
Olive Kunz	20.00
Hazel M. J. Roth.....	20.00
Frank C. Waples.....	20.00
Gladys Bateson	20.00
Helen Letson	25.00
G. K. Thompson.....	20.00
Bertha Sterling	25.00
Elizabeth Martin	25.00
Eda Louis	20.00
James J. Trickey.....	20.00
Anna E. Baum.....	20.00
Frank Beckley	20.00
Rowland F. Philbrook.....	20.00
H. E. Webb.....	20.00
Helen Silsbee	20.00
G. C. Richardson.....	20.00
F. C. Beach.....	20.00
Gertrude James	20.00
Adah F. Hyde.....	20.00
H. L. Sieg.....	20.00
D. J. Gilchrist.....	20.00
Hazel Hull	20.00
C. T. J. Anderson.....	20.00
Cecil L. Gatten.....	20.00
Taeke Bosch	20.00
J. B. Clyde.....	20.00
Clara M. Cook.....	20.00
Ralph W. Zastrow.....	20.00
Paul B. Anderson.....	20.00
Max Houghton	20.00
Carolyn Newcomb	20.00
C. F. Brower.....	20.00
C. O. Martin.....	20.00
Louis Hauth	20.00
Jennie Potgetter	20.00
H. H. Kent.....	20.00
Lloyd Myers	20.00
Dan Weaver	20.00
Mary F. Franzen.....	20.00
James Gammon	20.00
Katherine Sims	20.00

Ida M. Hoebel.....	20.00
Vernon Wardman	20.00
R. R. Miller.....	20.00
Mariana Sims	20.00
R. W. Cockshoot.....	20.00
H. H. Blanchard.....	20.00
R. H. Allen.....	20.00
J. H. Stewart.....	20.00
Harley Hunt	10.00
S. J. Stone.....	20.00
R. H. Ellinghouse.....	20.00
Ruth Anderson	20.00
Thomas C. Brown.....	20.00
M. A. Repass.....	20.00
R. E. Gray.....	20.00
Geo. G. Glick.....	20.00
Carroll B. Martin.....	20.00
Lydia A. Thomas.....	20.00
Hoyt Cooper	20.00
Sophia Davis	20.00
Edna L. O'Harra.....	20.00
John B. Arthur.....	20.00
Carl C. Caswell.....	20.00
John M. Gartsee.....	20.00
Amelia Semrad	20.00
R. W. Gearhart.....	20.00
Frances H. Beem.....	20.00
Marie Bordeaux	20.00
Mansel A. Ross.....	20.00
Carl O. Sjulín.....	20.00
Hannah M. Phelps.....	25.00
C. E. Downing.....	20.00
Riley J. Beck.....	20.00
Hazel Reddick	20.00
Eugene H. Tilton.....	20.00
C. G. Gustafson.....	25.00
Lester Shepard	20.00
May Hodgson	20.00
Ruth Ellison	25.00
Lee J. Kieser.....	20.00
J. W. Hopkinson.....	20.00
Frank G. McCoy.....	20.00
Ernest Fogelberg	20.00
K. S. Putnam.....	20.00
Cora Fabricius	20.00
Mildred Zimmerman	20.00
H. M. Mohr.....	20.00
Muriel Arthur	20.00
Kashi Pati Ghose.....	20.00

Mardiros Hagopian	20.00	
John M. Stokes.....	20.00	
Stella Gulick	20.00	
Neva Baker	20.00	
Earl C. Myers.....	20.00	
Claude Shepard	20.00	
I. E. Houk.....	20.00	
G. W. Carpenter.....	20.00	
Clifford Hakes	20.00	
A. R. Hurlburt.....	20.00	
J. B. Breitenbucher.....	20.00	
Verle Vincent	20.00	
L. N. Hildebrand.....	20.00	
L. A. Nelson.....	20.00	
R. H. Durboraw.....	20.00	
M. Imogen Benson.....	15.00	
M. C. Talbot.....	20.00	
Wright Stacy	20.00	
A. R. Draves.....	20.00	
Amanda Carstensen	20.00	
E. C. Monroe.....	20.00	
L. B. Davidson.....	10.00	
Nathan Wohlfeld	10.00	
F. W. Woodrich, Jr.....	10.00	
Agnes W. Beach.....	20.00	
C. A. Hodgkin.....	10.00	
F. A. Loudin.....	10.00	
W. R. Watsabaugh.....	10.00	
W. W. Williams.....	5.00	
Cora Fischer	5.00	
Hazel Hayward	5.00	
Carl E. Downing.....	5.00	
		<hr/>
Total scholarships		2,580.00
Disability allowances as follows:		
Hazel Hull	\$ 90.00	
Leo Dunton	40.00	
Ival McPeck	80.00	
		<hr/>
Total disability allowances.....		210.00
		<hr/>
Total expenditures, 1910-11.....		\$ 2,790.00
Cash on hand, June 30, 1911.....		3,567.35
		<hr/>
	\$ 6,357.35	\$ 6,357.35

F. O. LOWDEN ORATORY PRIZE FUND.

Twenty-five shares of 7 per cent preferred stock of the National Biscuit Co. on hand July 1, 1910, and June 30, 1911.....	\$ 2,500.00	\$ 2,500.00
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F. O. LOWDEN ORATORY PRIZE INTEREST FUND.

Cash on hand, July 1, 1910.....	\$ 268.75
Received 7 per cent dividend on 25 shares of preferred stock of the National Biscuit Co.....	175.00

EXPENDITURES.

Jay LeRoy Chestnutt, first prize Northern Oratoric League Contest, 1911.....	\$ 100.00
Fred Merk, second prize Northern Oratorical League Contest, 1911	50.00
Total expenditures	\$ 150.00
Balance on hand June 30, 1911.....	293.75
	<hr/>
	\$ 443.75 \$ 443.75

MARK RANNEY MEMORIAL FUND.

Cash on hand, July 1, 1910.....	\$ 71,396.67
Received from sale of old building.....	40.00
Balance on hand, June 30, 1911.....	\$ 71,436.67
	<hr/>
	\$ 71,436.67 \$ 71,436.67

Note—This fund was established by Martha W. Ranney, the interest from the fund to be used in establishing and maintaining the Mark Ranney Memorial Institute for the foundation of a College of Fine Arts in connection with the University.

MARK RANNEY MEMORIAL INTEREST FUND.

Cash on hand, July 1, 1910.....	\$ 1,243.86
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RECEIPTS.

Rents from Ranney Hall.....	\$ 330.00
Interest on Ranney Memorial Fund....	3,471.56
Total receipts, 1910-11.....	3,801.56

EXPENDITURES.

C. A. Cumming, Head of Department of Fine Arts, salary	\$ 1,200.00
Harold A. Miles, salary.....	1,000.00
Bertha Stinner, allowance.....	300.00
Assistance in Ranney Library.....	64.07
Joseph Brysch, labor at Ranney Hall.....	242.62
Iowa City Water Co., water rent.....	8.00
Taxes on Partee property.....	11.28
Labor and material for repairing Ranney Hall....	361.66
Total expenditures, 1910-11.....	\$ 3,187.63
Balance on hand, June 30, 1911.....	1,857.79
	<hr/>
	\$ 5,045.42 \$ 5,045.42

WAITE LOWRY GIFFORD MEMORIAL FUND.

Cash on hand, July 1, 1910.....	\$ 8,737.08	
Cash on hand, June 30, 1911.....		8,737.08

WAITE LOWRY GIFFORD MEMORIAL INTEREST FUND.

Cash on hand, July 1, 1910.....	\$ 295.77	
Received interest on Waite Lowry Gifford Memorial Fund	400.73	

EXPENDITURES.

University Hospital		\$ 415.90
Balance on hand, June 30, 1911.....		280.60
	\$ 696.50	\$ 696.50

ANNUAL REPORT

OF THE SECRETARY OF THE STATE UNIVERSITY OF IOWA TO
THE STATE BOARD OF EDUCATION, 1911-1912—JULY 1, 1912.

RECEIPTS AND EXPENDITURES.

JULY 1, 1911, TO JUNE 30, 1912.

Cash on hand, July 1, 1911.....	\$ 27,667.05	
Total receipts for the year.....	806,902.29	
Total expenditures for the year.....		\$771,147.96
Cash on hand, June 30, 1912.....		63,421.38
	<hr/>	<hr/>
	\$834,569 34	\$834,569.34

BALANCES.

Income Fund	\$ 19,345.23
Library Fund	347.47
Building Tax Fund.....	22,588.37
Repair and Contingent Fund.....	1,660.52
Equipment and Supplies Fund.....	412.31
Equipment New Buildings Fund.....	10,331.32
Equipment Law Building, etc. Fund.....	516.49
Special Land Fund.....	1,706.52
Donated Land Fund.....	92.37
A. W. Carr Free Scholarship Interest Fund.....	3,342.75
F. O. Lowden Prize Interest Fund.....	468.75
W. J. Bryan Prize Interest Fund.....	31.16
Mark Ranney Memorial Interest Fund.....	2,463.25
Waite Lowry Gifford Memorial Interest Fund.....	220.59
Chas. M. Jesup Prize Fund.....	50.00
	<hr/>
	\$ 63,577.10
Paving and Sidewalks Fund, overdrawn.....	155.72
	<hr/>
	\$ 63,421.38

STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR THE FISCAL YEAR ENDING JUNE 30, 1912.

RECEIPTS—1911-1912.

From state appropriation for support:

32d G. A., chapter 212, section 2.....	\$205,500.00
32d G. A., chapter 214, section 2.....	35,000.00
33d G. A., chapter 244, section 1.....	22,000.00
33d G. A., chapter 244, section 1.....	6,250.00
34th G. A., chapter 200, section 1.....	25,000.00
34th G. A., chapter 200, section 1.....	98,200.00
Total	\$391,950.00

From state appropriations for buildings:

34th G. A., chapter 201, section 1, 1-5 mill tax...	175,000.00
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From state appropriations for Repair and Contingent:

32d G. A., chapter 212, section 2.....	\$ 9,375.00
33d G. A., chapter 244, section 1.....	9,375.00
34th G. A., chapter 200, section 1.....	5,000.00
Total	23,750.00

From state appropriations for Library:

34th G. A., chapter 200, section 1.....	13,125.00
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From state appropriations for special purposes:

34th G. A., chapter 212, section 2—	
Equipment and supplies fund.....	\$ 7,500.00
Equipments new buildings fund.....	25,500.00
Paving, sidewalks and campus fund.....	5,000.00
Purchase of additional land.....	20,000.00
Total	58,000.00

Total from state appropriations for all purpose \$661,825.00

From productive funds:

Income from permanent land endowment fund..	11,167.64
From tuitions, all colleges.....	56,228.26
From miscellaneous sources, Income Fund.....	67,313.03
From material sold, Building Tax Fund.....	49.16
From books, etc. sold, Library Fund.....	12.90
From material sold, Heat. and Hydro. Plant Equip- ment Fund	2.37
From material sold, Paving and Sidewalks Fund..	162.00
From Board in Control of Athletics (one-half cost of concrete football bleachers), Repair and Con- tingent Fund	830.28
From rents and property sold, Special Land Fund	1,216.00
From rents, etc., donated Land Fund.....	280.00

*From special funds:

A. Whitney Carr Scholarship Income Fund.....	\$ 2,510.40	
F. O. Lowden Prize Income Fund.....	175.00	
W. J. Bryan Prize Income Fund.....	12.50	
Waite Lowry Gifford Memorial Income Fund...	401.00	
Mark Ranney Memorial Income Fund.....	3,996.52	
Total from special funds.....		7,095.42
Warrants cancelled, Income Fund.....	\$ 554.33	
Warrants cancelled, Library Fund.....	1.65	
Warrants cancelled, Equipment and Supplies Fund.	8.70	
Warrants cancelled, Repair and Contingent Fund..	6.17	
		570.85
Total income from all sources for all purposes, 1911-12		\$806,902.29
Total balance in all funds, July 1, 1911.....		27,667.05
Grand total		\$834,569.34

*These funds are in the nature of University trusts, the proceeds being used for scholarships, prizes, etc.

EXPENDITURES—1911-12.

Income Fund	\$514,092.54	
Library Fund	13,806.76	
Building Tax Fund.....	158,204.26	
Repair and Contingent Fund.....	22,982.31	
Equipment and Supplies Fund.....	9,639.45	
Equipment New Buildings Fund.....	15,168.68	
Equipment New Law Building, Etc. Fund.....	2,649.65	
Heating and Hydraulic Plants Equipment Fund...	1,442.95	
Special Land Fund.....	21,297.67	
Paving and Sidewalks Fund.....	5,266.62	
A. Whitney Carr Scholarship Income Fund.....	2,735.00	
W. J. Bryan Prize Income Fund.....	10.00	
Mark Ranney Memorial Income Fund.....	3,391.06	
Waite Lowry Gifford Memorial Income Fund.....	461.01	
Total expenditures		\$771,147.96
Total balance on hand, June 30, 1912.....		63,421.38
Grand total		\$834,569.34

INCOME FUND—1911-1912.

RECEIPTS.

From state appropriations:

32d G. A., chap. 212, sec. 2.....	\$205,500.00	
32d G. A., chap. 214, sec. 2.....	35,000.00	
33d G. A., chap. 244, sec. 1.....	22,000.00	
33d G. A., chap. 244, sec. 1.....	6,250.00	
34th G. A., chap. 200, sec. 1.....	25,000.00	
34th G. A., chap. 200, sec. 1.....	98,200.00	
		\$391,950.00

SECOND BIENNIAL REPORT

STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR THE
FISCAL YEAR ENDING JUNE 30, 1912.

RECEIPTS—1911-1912.

From state appropriation for support:

32d G. A., chapter 212, section 2.....	\$205,500.00	
32d G. A., chapter 214, section 2.....	35,000.00	
33d G. A., chapter 244, section 1.....	22,000.00	
33d G. A., chapter 244, section 1.....	6,250.00	
34th G. A., chapter 200, section 1.....	25,000.00	
34th G. A., chapter 200, section 1.....	98,200.00	
Total		\$391,950.00

From state appropriations for buildings:

34th G. A., chapter 201, section 1, 1-5 mill tax...	175,000.00
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From state appropriations for Repair and Contingent:

32d G. A., chapter 212, section 2.....	\$ 9,375.00	
33d G. A., chapter 244, section 1.....	9,375.00	
34th G. A., chapter 200, section 1.....	5,000.00	
Total		23,750.00

From state appropriations for Library:

34th G. A., chapter 200, section 1.....	13,125.00
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From state appropriations for special purposes:

34th G. A., chapter 212, section 2—		
Equipment and supplies fund.....	\$ 7,500.00	
Equipments new buildings fund.....	25,500.00	
Paving, sidewalks and campus fund.....	5,000.00	
Purchase of additional land.....	20,000.00	
Total		58,000.00

Total from state appropriations for all purpose \$661,825.00

From productive funds:

Income from permanent land endowment fund..	11,167.04
From tuitions, all colleges.....	56,238.30
From miscellaneous sources, Income Fund.....	67,313.03
From material sold, Building Tax Fund.....	49.10
From books, etc. sold, Library Fund.....	12.90
From material sold, Heat. and Hydro. Plant Equip- ment Fund	2.37
From material sold, Paving and Sidewalks Fund..	102.00
From Board in Control of Athletics (one-half cost of concrete football bleachers), Repair and Con- tingent Fund	830.28
From rents and property sold, Special Land Fund	1,316.00
From rents, etc., donated Land Fund.....	380.00

SECOND BIENNIAL REPORT

STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR THE
FISCAL YEAR ENDING JUNE 30, 1912.

RECEIPTS—1911-1912.

From state appropriation for support:

32d G. A., chapter 212, section 2.....	\$205,500.00	
32d G. A., chapter 214, section 2.....	35,000.00	
33d G. A., chapter 244, section 1.....	22,000.00	
33d G. A., chapter 244, section 1.....	6,250.00	
34th G. A., chapter 200, section 1.....	25,000.00	
34th G. A., chapter 200, section 1.....	98,200.00	
Total		\$391,950.00

From state appropriations for buildings:

34th G. A., chapter 201, section 1, 1-5 mill tax...	175,000.00
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From state appropriations for Repair and Contingent:

32d G. A., chapter 212, section 2.....	\$ 9,375.00	
33d G. A., chapter 244, section 1.....	9,375.00	
34th G. A., chapter 200, section 1.....	5,000.00	
Total		23,750.00

From state appropriations for Library:

34th G. A., chapter 200, section 1.....	13,125.00
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From state appropriations for special purposes:

34th G. A., chapter 212, section 2—		
Equipment and supplies fund.....	\$ 7,500.00	
Equipments new buildings fund.....	25,500.00	
Paving, sidewalks and campus fund.....	5,000.00	
Purchase of additional land.....	20,000.00	
Total		58,000.00

Total from state appropriations for all purpose \$661,825.00

From productive funds:

Income from permanent land endowment fund..	11,167.04
From tuitions, all colleges.....	56,238.30
From miscellaneous sources, Income Fund.....	67,313.03
From material sold, Building Tax Fund.....	49.10
From books, etc. sold, Library Fund.....	12.90
From material sold, Heat. and Hydro. Plant Equip- ment Fund	2.37
From material sold, Paving and Sidewalks Fund..	102.00
From Board in Control of Athletics (one-half cost of concrete football bleachers), Repair and Con- tingent Fund	830.28
From rents and property sold, Special Land Fund	1,316.00
From rents, etc., donated Land Fund.....	380.00

College of Homeopathic Medicine:

Salaries	\$ 5,350.00	
Supplies, apparatus, etc.....	153.39	
		5,503.39

College of Dentistry:

Salaries	\$ 17,068.88	
Supplies, apparatus, etc.....	5,227.86	
		22,296.74

College of Pharmacy:

Salaries	\$ 5,399.96	
Supplies, etc.	1,534.89	
		6,934.85

Graduate College:

Fellowships and Scholarships.....	\$ 6,300.00	
Supplies, etc.	383.00	
		6,683.00

Summer Session and Library School:

Salaries	\$ 7,587.44	
Supplies and incidentals.....	370.27	
		7,957.71

General Library:

Salaries	\$ 7,790.26	
Supplies and assistance by hour.....	1,082.83	
		8,873.09

Administration:

Salaries	\$ 20,248.59	
Supplies and assistance by hour.....	2,203.26	
		22,451.85

Alumni Bureau:

Salaries	\$ 1,828.12	
Supplies, stenographic service, etc.....	1,798.54	
		3,626.66

University Extension expense and Lakeside Laboratory

570.70

Law Loan Book Account.....

271.45

University Hospital expenditures.....

41,651.07

University Homeopathic Hospital expenditures....

8,106.99

General expenditures from Income Fund.....

95,466.12

Tuition refunded by order of Finance Committee.

50.00

Tuition in the School of Music, collected by the

Secretary and turned over to the Director of the

School

6,866.25

Engineering Testing Laboratory expenditures....

25.38

Total expenditures from Income Fund, 1911-12

\$514,092.54

Balance, cash on hand, June 30, 1912.....

19,345.23

Grand total

\$533,437.77

*From special funds:

A. Whitney Carr Scholarship Income Fund.....	\$ 2,510.40	
F. O. Lowden Prize Income Fund.....	175.00	
W. J. Bryan Prize Income Fund.....	12.50	
Waite Lowry Gifford Memorial Income Fund...	401.00	
Mark Ranney Memorial Income Fund.....	3,996.52	
Total from special funds.....		7,095.42
Warrants cancelled, Income Fund.....	\$ 554.33	
Warrants cancelled, Library Fund.....	1.65	
Warrants cancelled, Equipment and Supplies Fund.	8.70	
Warrants cancelled, Repair and Contingent Fund..	6.17	
		570.85
Total income from all sources for all purposes, 1911-12		\$806,902.29
Total balance in all funds, July 1, 1911.....		27,667.05
Grand total		\$834,569.34

*These funds are in the nature of University trusts, the proceeds being used for scholarships, prizes, etc.

EXPENDITURES—1911-12.

Income Fund	\$514,092.54	
Library Fund	13,806.76	
Building Tax Fund.....	158,204.26	
Repair and Contingent Fund.....	22,982.31	
Equipment and Supplies Fund.....	9,639.45	
Equipment New Buildings Fund.....	15,168.68	
Equipment New Law Building, Etc. Fund.....	2,649.65	
Heating and Hydraulic Plants Equipment Fund...	1,442.95	
Special Land Fund.....	21,297.67	
Paving and Sidewalks Fund.....	5,266.62	
A. Whitney Carr Scholarship Income Fund.....	2,735.00	
W. J. Bryan Prize Income Fund.....	10.00	
Mark Ranney Memorial Income Fund.....	3,391.06	
Waite Lowry Gifford Memorial Income Fund.....	461.01	
Total expenditures		\$771,147.96
Total balance on hand, June 30, 1912.....		63,421.38
Grand total		\$834,569.34

INCOME FUND—1911-1912.

RECEIPTS.

From state appropriations:

32d G. A., chap. 212, sec. 2.....	\$205,500.00	
32d G. A., chap. 214, sec. 2.....	35,000.00	
33d G. A., chap. 244, sec. 1.....	22,000.00	
33d G. A., chap. 244, sec. 1.....	6,250.00	
34th G. A., chap. 200, sec. 1.....	25,000.00	
34th G. A., chap. 200, sec. 1.....	98,200.00	
		\$391,950.00

From tuitions:

College of Liberal Arts.....	\$ 18,116.00	
College of Applied Science.....	3,001.75	
College of Law.....	10,221.30	
College of Medicine.....	5,306.50	
College of Homeopathic Medicine.....	775.25	
College of Dentistry.....	8,327.25	
College of Pharmacy.....	2,305.00	
Graduate College	199.00	
Summer Session and Library School.....	985.00	
School of Music.....	6,866.25	
Special Examinations	135.00	
		56,238.30

From miscellaneous sources:

Diploma fees	\$ 4,287.00	
University Hospital receipts.....	42,301.69	
Ophthalmology and Otology receipts.....	1,203.63	
University Homeopathic Hospital receipts.....	7,222.91	
Dental Clinic receipts.....	7,223.49	
Law Loan Book account.....	354.95	
Engineering Testing Laboratory receipts.....	17.65	
Interest on daily bank balance.....	2,960.18	
Miscellaneous cash, material sold, laboratory breakage, locker rentals, etc.....	1,741.53	
		67,313.03

From interest on permanent land fund.....

11,167.04

Warrants cancelled

554.33

Total receipts, Income Fund, 1911-12.....

\$527,222.70

Balance, cash on hand, July 1, 1911.....

6,215.07

Grand total

\$533,437.77

SUMMARY OF EXPENDITURES.

College of Liberal Arts:

Salaries	\$152,151.63	
Departmental expenses	12,957.98	
		\$165,109.61

College of Applied Science:

Salaries		34,859.92
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College of Law:

Salaries	\$ 19,450.00	
Supplies and incidentals.....	246.74	
		19,696.74

College of Medicine:

Salaries	\$ 50,254.42	
Supplies, apparatus, etc.....	6,836.60	
		57,091.02

College of Homeopathic Medicine:

Salaries	\$ 5,350.00	
Supplies, apparatus, etc.....	153.39	
		5,503.39

College of Dentistry:

Salaries	\$ 17,068.88	
Supplies, apparatus, etc.....	5,227.86	
		22,296.74

College of Pharmacy:

Salaries	\$ 5,399.96	
Supplies, etc.	1,534.89	
		6,934.85

Graduate College:

Fellowships and Scholarships.....	\$ 6,300.00	
Supplies, etc.	383.00	
		6,683.00

Summer Session and Library School:

Salaries	\$ 7,587.44	
Supplies and incidentals.....	370.27	
		7,957.71

General Library:

Salaries	\$ 7,790.26	
Supplies and assistance by hour.....	1,082.83	
		8,873.09

Administration:

Salaries	\$ 20,248.59	
Supplies and assistance by hour.....	2,203.26	
		22,451.85

Alumni Bureau:

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		3,626.66

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6,866.25

Engineering Testing Laboratory expenditures....

25.38

Total expenditures from Income Fund, 1911-12

\$514,092.54

Balance, cash on hand, June 30, 1912.....

19,345.23

Grand total

\$533,437.77

ITEMIZED EXPENDITURES—COLLEGE OF LIBERAL ARTS.

Botany:

Thomas H. Macbride, Professor.....	\$ 3,500.00	
Bohumil Shimek, Professor.....	2,500.00	
R. B. Wylie, Professor.....	2,200.00	
Lucy M. Cavanagh, Assistant Curator.....	800.00	
Noah D. Knupp, Assistant.....	500.00	
Supplies, etc.		\$ 762.73

Chemistry:

E. W. Rockwood, Professor.....	3,000.00	
W. J. Karlake, Assistant Professor.....	1,800.00	
J. N. Pearce, Assistant Professor.....	1,800.00	
Edward Wolesensky, Instructor.....	1,100.00	
Edw. X. Anderson, Instructor.....	1,000.00	
Clarence Estes, Instructor.....	1,000.00	
J. E. Booge, Instructor.....	1,000.00	
C. M. Alexander, Assistant Instructor.....	900.00	
Walter G. Kirby, Storekeeper (1 mo.).....	60.00	
Chas. E. Clindinin, Storekeeper (11 mo.).....	641.63	
G. W. Muhleman, Assistant.....	300.00	
Supplies and apparatus.....		4,913.25

Education:

F. E. Bolton, Professor and Director.....	3,000.00	
H. C. Dorcas, Professor.....	2,500.00	
Irving King, Assistant Professor.....	1,800.00	
R. M. Stewart, Assistant Professor.....	1,500.00	
J. C. Kendrick, Assistant.....	200.00	
Jennie Burge, Assistant.....	200.00	
Robert G. Smith, Assistant.....	100.00	
Kathryn M. Close, Stenographer (3 mo.).....	180.00	
Mabelle Edwards, Stenographer (8½ mo.).....	510.00	
Supplies, traveling expenses, etc.....		254.79

English:

C. F. Ansley, Professor.....	3,250.00	
S. B. Sloan, Assistant Professor.....	1,800.00	
Percival Hunt, Assistant Professor.....	1,800.00	
E. F. Piper, Assistant Professor.....	1,800.00	
E. N. S. Thompson, Assistant Professor.....	1,800.00	
Marlow A. Shaw, Assistant Professor.....	1,800.00	
May Shuck, Instructor	1,200.00	
Ellen Geyer, Instructor.....	1,200.00	
Florence Joy, Instructor.....	1,200.00	
Walter Myers, Instructor.....	1,000.00	
Conger Reynolds, Assistant.....	250.00	
Supplies, etc.		5.00
Theme Readers		1,525.00

Chair of Public Speaking:

Norma R. Harrison, Instructor.....	1,000.00	
Marion McCray, Instructor (1st sem.).....	500.00	
Aleeth Willard, Instructor (2d sem.).....	500.00	
E. C. Robbins, Debating Coach.....	400.00	
Supplies, etc.		53.79
Forensic League supplies, exp. etc.....		311.95

Geology:

George F. Kay, Professor.....	2,600.00	
A. C. Trowbridge, Professor.....	2,000.00	
A. O. Thomas, Instructor.....	1,200.00	
Francis M. Van Tuyl, Assistant.....	500.00	
J. W. Carville, Attendant.....	600.00	
Supplies, etc.		597.65

German:

C. B. Wilson, Professor.....	3,000.00	
F. B. Sturm, Assistant Professor.....	1,500.00	
W. F. Luebke, Assistant Professor.....	1,500.00	
E. H. Lauer, Instructor.....	1,200.00	
Kent J. Brown, Instructor.....	1,200.00	
F. W. Kracher, Instructor.....	1,200.00	
Supplies, etc.		151.58
Assistance by hour.....		11.32

Greek:

C. H. Weller, Professor and University Editor...	2,600.00	
N. A. Kellogg, Instructor.....	400.00	
Supplies, etc.		46.17

History:

W. C. Wilcox, Professor and Dean.....	3,500.00	
H. G. Plum, Professor.....	2,000.00	
Louis Pelzer, Assistant Professor.....	2,000.00	
Clara M. Daley, Instructor.....	1,200.00	
Florence Maher, Assistant.....	500.00	
Supplies, etc.		132.80

Latin:

F. C. Eastman, Professor.....	3,000.00	
F. H. Potter, Professor.....	2,000.00	
Geo. M. Sharrard, Assistant Professor.....	1,500.00	
Supplies, etc.		80.26

Mathematics:

A. G. Smith, Professor.....	2,800.00	
R. P. Baker, Assistant Professor.....	1,500.00	
J. F. Reilly, Assistant Professor.....	1,500.00	
Sarah E. Cronin, Instructor.....	1,200.00	
Raymond Du Hadway, Instructor.....	1,100.00	
George A. Chaney, Instructor.....	1,000.00	
Supplies, etc.		222.35

Military Science:

M. C. Mumma, Professor and Commandant.....	500.00	
O. E. Van Doren, Bandmaster.....	500.00	
William De F. Rahming, Assistant.....	500.00	
Supplies, equipment, etc.....		612.84

Philosophy and Psychology:

C. E. Seashore, Professor and Dean of the Graduate College	3,250.00	
E. D. Starbuck, Professor.....	2,400.00	
G. W. Patrick, Professor.....	1,500.00	
Mabel C. Williams, Assistant Professor.....	1,200.00	
Supplies, equipment, etc.....		355.30

Physical Training and Athletics:

N. A. Kellogg, Director in Charge of Athletics..	1,000.00	
E. C. Schroeder, Director in Charge of Physical Training for Men.....	1,500.00	
Alice C. Wilkinson, Director in Charge of Physical Training for Women.....	1,500.00	
Mary F. Roe, Assistant in Physical Training for Women	600.00	
Margaret Reese, Matron Woman's Gymnasium..	300.00	
Pianist in woman's gymnasium.....		107.70
Supplies, woman's gymnasium.....		147.76
Supplies, men's gymnasium.....		279.04

Physics:

George W. Stewart, Professor.....	3,000.00
Lee P. Sieg, Assistant Professor.....	1,600.00
F. C. Brown, Assistant Professor.....	1,500.00
H. L. Dodge, Assistant Instructor.....	700.00
T. R. Hazelrigg, Assistant.....	600.00
M. H. Teeuwen, Mechanician (12 mo.).....	1,200.00
E. O. Dieterich, Undergraduate Assistant.....	75.00
C. E. Prall, Undergraduate Assistant.....	75.00
G. H. Meinzer, Undergraduate Assistant.....	50.00

Political Economy and Sociology:

I. A. Loos, Professor and Director.....	3,000.00	
J. L. Gillin, Professor.....	2,400.00	
P. S. Peirce, Professor.....	2,000.00	
C. W. Wassam, Assistant Professor.....	1,600.00	
Karl Loos, Assistant.....	500.00	
Supplies, etc.		1.50
Assistance by hour		153.86

Political Science:

B. F. Shambaugh, Professor.....	2,100.00	
F. E. Horack, Assistant Professor.....	1,500.00	
Assistance by hour		125.30

Romance Languages:

S. H. Bush, Professor.....	2,600.00
Hertha L. Voss, Assistant Professor.....	1,500.00
Chas. O. Stewart, Assistant Professor.....	1,500.00
Mathilda Laigle, Assistant.....	450.00

Zoology:

C. C. Nutting, Professor.....	3,000.00	
Gilbert L. Houser, Professor.....	2,200.00	
H. F. Wickham, Professor.....	2,000.00	
H. R. Dill, Taxidermist and Assistant Professor	1,700.00	
F. A. Stromsten, Assistant Professor.....	1,200.00	
Albert Kuntz, Instructor.....	900.00	
Beulah Hayden, Assistant.....	500.00	
Dayton Stoner, Assistant in Museum.....	800.00	
Mildred Yule, Assistant in Animal Biology.....	100.00	
Erwin J. Gottsch, Undergraduate Assistant in Animal Biology	50.00	
Erwin J. Gottsch, Undergraduate Assistant in Animal Biology	50.00	
Henry G. Moerschel, Storekeeper in Animal Biology	50.00	
Paul Endicott, Mimeographer in Animal Biology	50.00	
Assistance in Museum.....		58.40
Supplies and equipment for Animal Biology....		1,459.03
Supplies and equipment for Zoology and Museum		477.61
Helen C. Gilchrist, Clerk to the Dean (12 mos.)....	960.00	
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Total salaries, College of Liberal Arts.....	\$152,151.63	
Total departmental expenses College of Liberal Arts		\$ 12,957.98
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Grand total		

ITEMIZED EXPENDITURES—COLLEGE OF APPLIED SCIENCE.

Civil Engineering:

Wm. G. Raymond, Professor and Dean.....	\$ 4,999.92
B. J. Lambert, Professor.....	2,600.00
J. H. Lambert, Assistant Professor.....	1,600.00
F. C. Young, Instructor.....	1,400.00
Henry B. Smith, Instructor.....	1,200.00
Robert M. Black, Instructor.....	1,200.00

Drawing and Descriptive Geometry:

F. G. Higbee, Professor.....	1,900.00
R. B. Dale, Instructor.....	1,500.00
D. P. Gilmore, Instructor.....	1,400.00
E. A. Dow, Instructor.....	1,000.00

Electrical Engineering:

A. H. Ford, Professor.....	2,600.00
J. B. Hill, Assistant Professor.....	1,800.00

Mechanical Engineering:

B. P. Fleming, Professor.....	2,800.00
Ralph S. Wilbur, Instructor.....	1,400.00
B. F. Zimmerman, Supt. of Shops.....	1,000.00
George Keller, Instructor.....	900.00
H. G. Miller, Assistant in Steam Laboratory....	300.00

Mechanics:

S. M. Woodward, Professor.....	2,800.00
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Mining:

A. W. Hixson, Instructor in Charge.....	1,800.00
Elizabeth Martin, Clerk to the Dean (12 mos.)...	660.00

Total salaries, College of Applied Science.....	\$ 34,859.92
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ITEMIZED EXPENDITURES—COLLEGE OF LAW.

Austin W. Scott, Professor and Dean.....	\$ 4,500.00	
E. A. Wilcox, Professor.....	2,500.00	
H. C. Horack, Professor.....	3,000.00	
Barry Gilbert, Professor.....	3,100.00	
Percy Bordwell, Professor.....	3,000.00	
Ralph Otto, Professor	2,500.00	
H. J. Maurer, Library Desk Assistant.....	250.00	
N. M. Monroe, Library Desk Assistant and Cata- loguer	100.00	
E. N. Bowman, Library Assistant.....	50.00	
Carroll Martin, Stenographer to the Dean (9 mos.)	450.00	
Supplies and incidentals.....		\$ 221.74
Practice Court incidentals.....		25.00
Total salaries, College of Law.....	\$ 19,450.00	
Total supplies, College of Law.....		\$ 246.74
Grand total		\$ 19,696.74

ITEMIZED EXPENDITURES—COLLEGE OF MEDICINE.

Anatomy, Histology, and Embryology:

H. J. Prentiss, Professor.....	\$ 4,600.00	
J. J. Lambert, Instructor.....	2,000.00	
D. H. Osborn, Assistant Demonstrator.....	1,000.00	
Geo. R. Albertson, Assistant Demonstrator.....	1,000.00	
W. W. Larsen, Undergraduate Assistant.....	100.00	
H. L. Sieg, Undergraduate Assistant.....	45.00	
T. B. Herrick, Undergraduate Assistant.....	50.00	
Alex. Story, Attendant (12 mos.).....	840.00	
Supplies, etc.		\$ 530.77
Dissecting material		1,210.71

Gynecology and Obstetrics:

J. R. Guthrie, Professor and Dean.....	1,200.00	
W. R. Whiteis, Professor.....	1,600.00	
Paul Reed, Assistant.....	1,000.00	
H. E. Pfeiffer, Assistant.....	250.00	
C. S. Krause, Clinical Assistant.....	250.00	
Supplies, apparatus, etc.....		177.89
Clinical Obstetrics fund.....		1,099.27

Materia Medica:

C. S. Chase, Professor.....	2,000.00	
J. B. Hanson, Demonstrator.....	1,000.00	
P. C. Colgrove, Undergraduate Assistant (6 mos.)	75.00	
Supplies, etc.		257.93

Ophthalmology, Otology, Rhinology and Laryngology:

L. W. Dean, Professor.....	1,100.00	
W. F. Boiler, Instructor.....	1,000.00	
Mary K. Heard, Instructor.....	1,200.00	
Edwin Cobb, Clinical Assistant.....	500.00	
Supplies, etc.		1,712.52

Pathology and Bacteriology:

Henry Albert, Professor.....	4,000.00	
A. L. Grover, Instructor.....	1,800.00	
M. F. Boyd, Assistant.....	500.00	
B. M. Edlavitch, Hospital Bacteriologist.....	1,500.00	
Anna Stach, Stenographer (12 mos.).....	180.00	
Joseph Anderson, Attendant (12 mos.).....	780.00	
John Donlin, Attendant (9 mos.).....	360.00	
Supplies, etc.		679.35

Physiology:

J. T. McClintock, Professor and Junior Dean....	2,800.00	
H. W. Coffin, Instructor.....	1,200.00	
G. C. Albright, Undergraduate Assistant.....	125.00	
Supplies, etc.		441.78

Surgery:

Wm. Jepson, Professor.....	1,100.00	
A. J. Burge, Assistant Professor.....	1,500.00	
Geo. F. Dolmage, Assistant.....	800.00	
F. L. Love, Assistant.....	250.00	
Clara B. Whitmore, Assistant.....	250.00	
John Hamilton, Assistant	150.00	
Supplies, etc.		86.09

Theory and Practice:

C. P. Howard, Professor.....	4,500.00	
Clarence Van Epps, Professor.....	2,000.00	
Louis Baumann, Assistant Professor.....	2,500.00	
C. S. Grant, Instructor.....	500.00	
I. C. Walker, Lecturer.....	1,200.00	
H. M. Imboden (warrants later cancelled).....	210.00	
Supplies, apparatus, etc.		640.29

Lecturers:

Max E. Witte, Lecturer on Mental Diseases.....	200.00	
J. B. Kessler, Lecturer on Dermatology.....	300.00	
H. E. Kirschner, Lecturer on Tuberculosis.....	33.33	
H. B. Scarborough, Lecturer on Tuberculosis...	66.67	
Mrs. S. M. Hedges, Lecturer on Massage.....	139.42	
Frank L. Secoy, Hospital Interne.....	125.00	
Wm. E. Cody, Hospital Interne.....	125.00	
L. H. Fritz, Hospital Interne.....	125.00	
Merle B. Call, Hospital Interne.....	125.00	
Total salaries, College of Medicine.....	\$ 50,254.42	
Total supplies, etc., College of Medicine.....		\$ 6,836.60
Grand total		\$ 57,091.02

ITEMIZED EXPENDITURES—COLLEGE OF HOMEOPATHIC
MEDICINE.

Materia Medica:

George Royal, Professor and Dean.....\$ 1,200.00

Obstetrics and Gynecology:

Delmar L. Davis, Professor.....950.00
Supplies, etc.\$ 42.30

Ophthalmology and Otology:

W. L. Bywater, Professor.....850.00
Supplies, etc.21.97

Theory and Practice:

Irwin Schenck, Professor.....950.00

Surgery:

F. C. Titzell, Professor.....1,100.00
A. R. Fried, Anaesthetist.....100.00
Supplies, etc.89.12
T. L. Hazard, Lecturer on Paediatrics.....200.00

Total salaries, College of Homeopathic Medi-
cine\$ 5,350.00

Total supplies, College of Homeopathic Medi-
cine\$ 153.39

Grand total\$ 5,503.39

ITEMIZED EXPENDITURES—COLLEGE OF DENTISTRY.

Operative Dentistry:

F. T. Breene, Professor.....\$ 1,200.00
R. H. Volland, Professor.....2,600.00
Henry C. Pelton, Demonstrator and Lecturer
(5 mos.)1,000.00

Orthodontia:

Richard Summa, Professor.....1,200.00

Prosthetic Dentistry:

W. S. Hosford, Professor and Dean.....	2,000.00
Henry Morrow, Professor.....	1,500.00
W. E. Spence, Demonstrator.....	1,200.00
J. E. Packard, Assistant.....	444.00

Regional Anatomy and Clinical Dentistry:

E. A. Rogers, Professor and Superintendent of Clinics	2,000.00	
C. W. Wilkinson, Demonstrator.....	1,300.00	
Harry Teege, Demonstrator.....	1,000.00	
A. W. Bryan, Demonstrator.....	425.00	
Helen Baschnagel, Clerk (12 mos.).....	699.96	
Mary Otto, Assistant Clerk (12 mos.).....	499.92	
Dues, Dental Association		\$ 70.00
Dental clinic expenses.....		3,911.59
Dental laboratory expenses.....		1,218.72
Dental Alumni Clinic.....		27.55
Total salaries, College of Dentistry.....	\$ 17,068.88	
Total supplies, etc., College of Dentistry.....		\$ 5,227.86
Grand total		\$ 22,296.74

ITEMIZED EXPENDITURES—COLLEGE OF PHARMACY.

W. J. Teeters, Professor and Dean.....	\$ 2,600.00	
R. A. Kuever, Instructor (12 mos.).....	1,600.00	
Zada M. Cooper, Instructor.....	1,200.00	
Pharmacy supplies, etc.....		\$ 1,394.75
Stenographic service		140.10
Total salaries, College of Pharmacy.....	\$ 5,400.00	
Total supplies, etc., College of Pharmacy.....		\$ 1,534.85
Grand total		\$ 6,934.85

ITEMIZED EXPENDITURES—GRADUATE COLLEGE.

Chas. M. Fraser, Senior Fellow in Zoology (8 mo.)\$	400.00
R. A. French, Fellow in Chemistry.....	250.00
O. M. Weigle, Fellow in Education.....	250.00
D. A. Anderson, Fellow in Education.....	250.00
J. E. Butterworth, Fellow in Education.....	250.00
Anna M. Sorenson, Fellow in English.....	250.00
Mabel L. Anderson, Fellow in Latin.....	250.00
C. F. Malmberg, Fellow in Philosophy and Psychology	250.00
Thos. F. Vance, Fellow in Philosophy and Psychology	250.00
Subhindra Bose, Fellow in Political Science.....	250.00
F. O. Smith, Fellow in Psychology.....	250.00

Paul W. Black, Fellow in Sociology.....	250.00	
Clifford H. Farr, Scholar in Botany.....	150.00	
Beryl Taylor, Scholar in Botany.....	150.00	
Roxanna Anderson, Scholar in Education.....	150.00	
Tacie Knease, Scholar in Education.....	150.00	
Louise Adams, Scholar in English.....	150.00	
J. H. Gist, Scholar in English.....	150.00	
Beryl Hart, Scholar in English.....	150.00	
Lena Dalrymple, Scholar in German.....	150.00	
Gertrude M. James, Scholar in German.....	150.00	
Fannie A. Koch, Scholar in German.....	150.00	
C. A. Vannoy, Scholar in Greek.....	150.00	
Agnes W. Smith, Scholar in History.....	150.00	
Florence H. Packard, Scholar in Latin.....	150.00	
C. G. F. Franzen, Scholar in Latin.....	150.00	
Margaret Shircliff, Scholar in Mathematics.....	150.00	
O. H. Truman, Scholar in Mechanics.....	150.00	
F. R. York, Scholar in Physics.....	150.00	
L. W. Sampson, Scholar in Political Economy.....	150.00	
R. J. Clampitt, Scholar in Political Science.....	150.00	
K. J. Knoepfler, Scholar in Political Science.....	150.00	
V. J. Hays, Scholar in Zoology.....	150.00	
Stenographic service, supplies, and traveling ex- penses		\$ 383.00
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Total, fellowships and scholarships, Graduate College	\$ 6,300.00	
Total, supplies, etc., Graduate College.....		\$ 383.00
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Grand total		\$ 6,683.00

ITEMIZED EXPENDITURES—SUMMER SESSION AND LIBRARY SCHOOL.

Summer Session:

Bohumil Shimek, Professor in Botany.....	\$ 250.00
Noah D. Knupp, Assistant in Botany.....	50.00
Ella Shimek, Assistant in Botany.....	50.00
Lucy Cavanagh, Assistant in Botany.....	50.00
E. W. Rockwood, Professor in Chemistry.....	300.00
C. M. Alexander, Assistant in Chemistry.....	50.00
F. E. Bolton, Professor in Education.....	500.00
H. C. Dorcas, Professor in Education.....	250.00
D. A. Anderson, Assistant in Education.....	50.00
J. J. McConnell, Lecturer in Education.....	300.00
Percival Hunt, Assistant Professor in English...	150.00
E. F. Piper, Assistant Professor in English.....	150.00
May G. Shuck, Instructor in English.....	100.00
Jessie MacArthur, Assistant in English.....	50.00
J. Ernest Carman, Assistant Professor in Geology	150.00
C. B. Wilson, Professor in German.....	300.00

E. H. Lauer, Instructor in German.....	100.00	
C. H. Weller, Professor in Greek.....	150.00	
W. C. Wilcox, Professor in History.....	500.00	
F. C. Eastman, Professor in Latin.....	300.00	
Katherine Walters, Instructor in Latin.....	100.00	
L. G. Weld, Professor in Mathematics.....	300.00	
R. P. Baker, Assistant Professor in Mathematics.	150.00	
J. F. Reilly, Assistant Professor in Mathematics.	150.00	
C. E. Seashore, Professor in Philosophy and Psychology	500.00	
Mabel C. Williams, Assistant Professor in Philos- ophy and Psychology	150.00	
F. O. Smith, Assistant in Philosophy and Psych- ology	50.00	
G. W. Stewart, Professor in Physics.....	300.00	
L. P. Sieg, Assistant Professor in Physics.....	150.00	
I. A. Loos, Professor in Political Economy and Sociology	300.00	
J. L. Gillin, Assistant Professor in Political Econ- omy and Sociology.....	150.00	
B. F. Shambaugh, Professor in Political Science.	300.00	
S. H. Bush, Professor in Romance Languages...	300.00	
C. C. Nutting, Professor in Zoology.....	300.00	
D. E. Merrill, Assistant in Zoology.....	50.00	
Supplies and incidentals.....		\$ 27.27
Printing, advertising, etc.....		343.00
Library School:		
Alice S. Tyler, Director.....	56.27	
Ione Armstrong, Instructor in Cataloguing.....	167.34	
Edna Lyman, Instructor in Children's Work....	94.80	
Ida L. Lange, Instructor in Classification.....	124.89	
Jeannette M. Drake, Lecturer.....	16.62	
George B. Utley, Lecturer.....	11.45	
Lillian B. Arnold, Lecturer.....	6.84	
Mary Dunham, Lecturer.....	3.49	
Ellen I. True, Lecturer.....	6.77	
Margaret W. Brown, Lecturer.....	48.97	
Total salaries, Summer Session and Library School	\$ 7,587.44	
Total expenses, etc., Summer Session and Li- brary School		\$ 370.27
Grand total		\$ 7,957.71

ITEMIZED EXPENDITURES—LIBRARY.

M. G. Wyer, Librarian (12 mos.).....	\$ 2,000.00
Jennie E. Roberts, Head Cataloguer (12 mos.)....	1,100.00
Jessie L. Arms, Assistant Cataloguer (9½ mos.)..	633.11

SECOND BIENNIAL REPORT

Bessie Stover, Assistant Cataloguer (12 mos.)....	720.00	
Helen Letson, Assistant Cataloguer (9½ mos.)...	497.50	
Grace Warmer, Assistant Cataloguer (1 mo.)....	60.00	
Della F. Northey, Assistant Cataloguer (1½ mo.)..	166.65	
Nina Shaffer, Reference Assistant.....	900.00	
Cariola Barker, Bibliographical Assistant.....	660.00	
Delvena Anderson, Reference Assistant (10 mos.)..	250.00	
Lola Stedman, Reference Assistant (10 mos.)....	250.00	
Amy Purvis, Stenographer (10 mos.).....	487.50	
Josephine Leonard, Stenographer.....	65.50	
Assistance by hour.....		\$ 527.50
Supplies, etc.		555.33
Total salaries, Library.....	\$ 7,790.26	
Total supplies, etc., Library.....		\$ 1,082.83
Grand total		\$ 8,873.09

ITEMIZED EXPENDITURES—ALUMNI BUREAU.

E. C. Robbins, Secretary and Alumni Editor.....	\$ 1,100.00	
Minnie Miller, Stenographer.....	728.12	
Stenographic service, supplies, etc.....		\$ 312.97
Alumni Directory expense.....		1,485.57
Total salaries, Alumni Bureau.....	\$ 1,828.12	
Total supplies, stenographic service, etc., Alumni Bureau		\$ 1,798.54
Grand total		\$ 3,626.66

ITEMIZED EXPENDITURES—ADMINISTRATION.

President's Office:

George E. MacLean, President (1 mo.).....	\$ 500.00	
John G. Bowman, President (11 mos.).....	5,500.00	
Imogen Benson, Executive Clerk (12 mos.)....	1,200.00	
Chas. H. Parker, Information Clerk (10 mos.)...	973.12	
Percy E. Van Nostrand, Stenographer.....	253.02	
Furniture and supplies.....		\$ 73.85

Secretary and Treasurer's Office:

W. J. McChesney, Secretary and Treasurer.....	\$ 3,000.00	
Wm. H. Bates, Assistant Secretary.....	1,500.00	
Kathryn M. Close, Clerk and Stenographer (9 mos.)	540.00	
Carl C. Riepe, Clerk and Stenographer (½ mo.)..	37.50	
Supplies, etc.		64.20
Assistance by the hour.....		62.92

Registrar's Office:

F. C. Ensign, Registrar and Examiner (11 mos.)\$	2,291.69	
Hazeldean Toof, Assistant.....	900.00	
Edith Rigler, Assistant.....	720.00	
James D. Sims, Stenographer.....	900.00	
Furniture and supplies.....		325.92
Assistance by the hour.....		1,060.42

Dean of Women:

Anna M. Klingenhagen, Dean.....	\$ 1,933.26	
Assistance by the hour and supplies.....		356.25
University Editor, stenographic assistance.....		259.70
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Total salaries, Administration.....	\$ 20,248.59	
Total supplies, stenographic service, etc., Administration		\$ 2,203.26
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Grand total		\$ 22,451.85

ITEMIZED EXPENDITURES—UNIVERSITY EXTENSION.

Expended for traveling expenses, printing, stenographic service, etc., for University Extension work.....	\$ 170.70
Lakeside Laboratory scholarships.....	400.00
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Total	\$ 570.70

GENERAL EXPENDITURES FROM INCOME FUND.

President's traveling expenses.....	\$ 559.98
Commencement expenses.....	1,449.75
General unclassified account.....	5,535.96

This sum was expended for items for which no special appropriations were made.

Mimeograph and stenographic supplies for all departments...	355.67
Board of Publication.....	269.96

This sum was expended for reprints or articles in the *Physical Review* by Assistant Professor F. C. Brown and Chas. M. Fraser; also for printing thesis from the Department of Political Economy and Sociology and printing 500 copies of "Studies in Education," by Ernest W. Fellows.

General lectures.....	621.70
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This sum was expended for a series of lectures by Rev. Joseph Newton; also in paying expenses of lecturers for University assemblies, vesper services, etc., as follows: President George E. Vincent; Dean H. M. Gage; Professor Paul H. Dike; Professor H. G. Campbell; Dean C. H. Benjamin; Professor Louis P. Lochner; Professor Walter Miller; Professor Carl E. Akeley.

Printing and paper.....	2,754.06
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Printing, stationery and miscellaneous publications.

Calendars and announcements.....	2,631.62
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Cost of printing and paper for calendars and announcements of all schools and colleges.

Postage	2,771.21
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On general and second class matter.

Telegrams	89.86
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Advertising	1,671.28
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Advertising the University in miscellaneous publications.

Janitor service.....	19,138.36
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Janitors are paid from \$40 to \$55 a month; student help is paid 15 cents an hour.	
Janitors' supplies.....	1,809.70
Engineer and firemen.....	6,052.33
The engineer is paid \$1,080 per annum; there are from six to twelve firemen, varying according to the season of the year, who are paid from \$50 to \$60 a month each.	
Heating plant supplies.....	961.57
Hydro-electric plant service.....	1,798.28
Two operators at the hydro-electric plant are paid \$67.50 per month each, and one at the sub-station \$55 a month.	
Hydro-electric plant supplies.....	292.12
Fuel	27,008.40
Contract for the year 1911-12 was awarded to H. W. Lynch, Peoria, Illinois, for mine run at \$2.53 and screenings at \$2.10, f. o. b. Iowa City. Hauling costs 23½ cents a ton. Consumption about 10,000 tons.	
Water service.....	3,264.43
For all water used in all University buildings, the water rate is 6½ cents a thousand gallons.	
Gas and electric light.....	2,561.19
Gas costs \$1.00 a 1000 cubic feet and electric light 14 cents a k. w. hour.	
Telephones	721.94
Y. M. C. A. rent.....	800.00
The University rents three halls for the use of the literary societies and the gymnasium for use as a woman's gymnasium, paying \$800 per annum, besides heating the building from the University heating plant.	
Y. M. C. A. support.....	400.00
Money expended to maintain an employment bureau and to make a directory of rooming and boarding places.	
University laundry—wages.....	443.61
Garbage service.....	340.00
Ice, at 12½ cents per 100 pounds.....	1,215.45
Stenographic service.....	657.96
For all departments and for the administrative offices, paid at the rate of 25 cents an hour.	
University hospital diet kitchen.....	1,455.36
This sum was expended for the equipping, etc., of a new diet kitchen for the University hospital.	
Student commons.....	2,332.27
This sum was expended for equipment of the student commons in Unity Hall.	
Iowa Union.....	675.10
This sum was expended during the year for the support of the Iowa Union.	
J. M. Fisk, Superintendent of Grounds and Buildings (part salary)	1,000.00

Mr. Fisk received a salary of \$2,400 for the year, \$1,400 being charged to the Building Tax Fund.

F. B. McFadden, Assistant to Superintendent Grounds and Buildings (9 4-5 mo.).....	882.00
Ellsworth Bright, head janitor.....	960.00
F. P. Englert, University carpenter.....	825.00
S. E. Shaff, University electrician.....	1,260.00

Total general expenditures from Income Fund.....\$ 95,466.12

LAW LOAN BOOK ACCOUNT.

Received from rent of law books.....\$ 354.95

EXPENDITURES.

Paid out for new books and for the rebinding of Old loan sets.....	\$ 271.45
Balance in Income Fund to credit of Law Loan Book Account.....	83.50
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	\$ 354.95
	\$ 354.95

UNIVERSITY HOSPITAL ACCOUNT.

Balance in Income Fund to credit of the University Hospital Account, July 1, 1911.....\$ 655.31

RECEIPTS.

Hospital earnings.....	\$ 37,084.95
Nurses' earnings outside of hospital..	1,191.74
Operating room fees.....	4,025.00
	<hr/>
Total receipts, 1911-12.....	\$ 42,301.69

EXPENDITURES.

Salaries	\$ 8,886.67
Mary E. Nesbit, Superintendent (4 mo.)	\$ 400.00
Josephine Creelman, Acting Superintendent (8 mo.).....	600.00
Josephine Creelman, Assistant Superintendent (4 mo.).....	260.00
Anna C. Goodale, Matron.....	900.00
Anna Gordon, Assistant Matron....	480.00
Juanita Huff, Stenographer.....	280.00
Minnie Peetz, Head Nurse.....	780.00
Mary McInnerny, Housekeeper.....	660.00
Margaret Kalaher, Assistant Housekeeper	300.00
Mary Moon, Dietitian.....	600.00
There are about 45 nurses who receive \$5.00 a month each.	
Help	\$ 4,590.14

There was a cook employed at \$40 a month; a second cook at \$30 a month; four women to do cleaning at \$30 a month each; a janitor at \$50 a month, and about eight housemaids at from \$14 to \$16 a month each.

Provisions	15,649.02
Household	8,981.13
This account covers house furnishings for the hospital and nurses' homes, including furniture, carpets, linen, dishes, etc.	
Medicine	3,544.11
This account covers medical and surgical supplies for the hospital.	
Total expenditures, 1911-12.....	\$ 41,651.07
Balance in Income Fund to credit of the University Hospital Account, June 30, 1912..	1,305.93
	<hr/>
	\$ 42,957.00 \$ 42,957.00

UNIVERSITY HOMEOPATHIC HOSPITAL ACCOUNT.

Balance in Income Fund to the credit of the University Homeopathic Hospital account, July 1, 1911	\$ 881.76
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RECEIPTS.

Hospital earnings.....	\$ 6,199.91
Nurses' earnings outside of hospital...	266.25
Operating room fees.....	756.75
Total receipts, 1911-12.....	\$ 7,222.91

EXPENDITURES.

Salaries	\$ 1,611.00
The superintendent received \$75 a month. There were about ten nurses who received \$5 a month each.	
Help	740.09
A cook was employed at \$30 a month, and a housekeeper at \$16 a month; also a woman to do cleaning at various times at 15 cents an hour.	
Provisions	3,524.38
Household	1,877.20
This account includes house furnishings for the hospital, including furniture, carpets, linen, dishes, etc.	
Medicine	354.32
This account covers medical and surgical supplies for the hospital.	
Total expenditures, 1911-12.....	\$ 8,106.99

Amount overdrawn, June 30, 1912, and balanced to Income Fund.....	2.32	
	<u>\$ 8,106.99</u>	<u>\$ 8,106.99</u>

ENGINEERING TESTING LABORATORY ACCOUNT.

Balance in Income Fund to credit of Engineering Testing Laboratory Account July 1, 1911.....	\$ 24.50
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RECEIPTS.

Received from fees and charges.....	18.65
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EXPENDITURES.

Paid for material, etc., used in laboratory.....	\$ 25.38
Balance in Income Fund to credit of Engineering Testing Laboratory account.....	17.77
	<u>\$ 43.15</u>
	<u>\$ 43.15</u>

LIBRARY FUND.

Cash on hand, July 1, 1911.....	\$ 1,014.68
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RECEIPTS.

From state warrants under chapter 200, section 1, laws of 34th G. A.....	13,125.00
From sale of books and supplies.....	12.90
From cancelled warrants.....	1.65

EXPENDITURES.

General Library—books and periodicals.....	\$ 11,021.44
General Library—binding.....	1,021.04
Law Library—books and binding.....	1,764.28
Total expenditures.....	<u>\$ 13,806.76</u>
Balance cash on hand, June 30, 1912.....	347.47
	<u>\$ 14,154.23</u>
	<u>\$ 14,154.23</u>

BUILDING TAX FUND.

Cash on hand, July 1, 1911.....	\$ 5,743.53
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RECEIPTS.

From state warrants under chapter 201, section 1, laws of 34th G. A.....	175,000.00
From sale of material.....	49.10

EXPENDITURES.

J. M. Fisk, Superintendent of Construction (part salary)	\$ 1,400.00
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Physics Building:

Jas. Rowson & Co., on contract.....	\$ 65,684.68
Proudfoot, Bird & Rawson, plans...	500.00
Plumbing	3,085.35
Heating	8,943.29
Electrical work.....	1.55
Lighting	2,156.58
Temperature control.....	883.12
Compressed air.....	206.81
Gas piping	116.50
Switch board.....	27.92
Conduit work.....	4,508.53
Miscellaneous	101.30

Total Physics Building.....

\$ 86,215.63

University Hospital Extension:

O. W. Ennis—on contract.....	\$ 51,424.81
Proudfoot, Bird & Rawson—plans...	500.00
Foundation	66.00
Plumbing	2,732.52
Electrical work.....	57.55
Heating	5,666.42
Lighting	2,965.85
Temperature control.....	13.51
Gas	65.45
Elevator	4,200.88
Shades and screens.....	566.02
Painting	367.98
Miscellaneous	184.68

Total, University Hospital Extension

\$ 68,811.67

Woman's Building:

Proudfoot, Bird & Rawson—plans...	\$ 1,700.22
Miscellaneous	76.74

Total, Woman's Building.....

\$ 1,776.96

Total expenditures from the Building Tax
Fund, 1911-12.....

\$158,204.26

Balance cash on hand, June 30, 1912.....

22,588.37

\$180,792.63

\$180,792.63

EQUIPMENT NEW BUILDINGS FUND.

RECEIPTS.

Received state warrants under chapter 200, section

2, laws of 34th G. A.....\$ 25,500.00.

EXPENDITURES.

Equipment—Engineering Shops:

James G. Biddle—hand tachometer..\$	30.00
Bausch & Lomb Co.....	18.75
E. H. Sheldon & Co—saw table.....	101.00
Chas. A. Strelinger Co.—drill press.	45.00
Sargent Steam Meter Co.—gas calorimeter	157.50
Crosby Steam Gauge Co.....	31.50
Ashcroft Mfg. Co.—indicator.....	85.48
Westinghouse Air Brake Co.—compressor	216.75
Miscellaneous equipment.....	279.81

Total equipment, Engineering
Shops

\$ 965.79

Electrical Engineering—Equipment:

Westinghouse Electric Mfg. Co.—switchboard	\$ 1,361.08
Thordaeson Mfg. Co., transformer..	135.00
Machado Roller, meter	75.60
Bausch & Lomb Co., balopticon.....	141.76
Electric Appliance Co., equipment..	182.43
Wm. Gaertner & Co., equipment....	44.41
National Electric Controller Co., equipment	38.82
F. Bissell Co., equipment.....	566.00
C., R. I. & P. Ry. Co., freight.....	100.53
Miscellaneous equipment	133.54

Total equipment, Electrical Engineering

2,778.17

Equipment, Hospital Extension:

American Sterilizer Co., sterilizers..\$	1,290.03
Meinecke & Co., equipment.....	486.70
Empire Rubber Co., equipment.....	56.70
Kny-Scheerer Co., equipment.....	314.44
Faultless Rubber Co., equipment....	48.78
Welch, Cook & Co., equipment.....	515.98
Carson, Pirie, Scott & Co., equipment	781.98
Davenport Woolen Mills, equipment	42.00
Pitkin & Brooks, equipment.....	108.55
Keith & McChesney, equipment.....	189.80
W. W. Wilcox Co., equipment.....	48.00
McCray Refrigerator Co., refrigerator	94.00
Students' and Physicians' Supply Co., equipment	134.94
Burley & Tyrell Co., equipment.....	40.00
W. P. Hohenschuh, furniture.....	426.55

Schneider Bros., furniture	229.00
Davidson Bros., furniture.....	210.92
Hess Ventilating Co., lockers.....	237.00
H. W. Johns-Manville Co., matting..	162.72
C. R. I. & P. Ry. Co., freight.....	93.20
Miscellaneous equipment	676.82

Total equipment, Hospital Extension

6,188.11

Equipment, Research Laboratory:

Kny-Scheerer Co., equipment.....\$	143.77
Bausch & Lomb Co., equipment.....	14.50
Spencer Lens Co.....	10.39
E. Mentz Co.....	136.95
J. Landsberger Co.....	80.24
Mayer & Muller.....	253.32
Pittsburg Plate Glass Co.....	54.15
Glauber Brass Mfg. Co.....	28.66
Crane Co.	71.42
Raymond Lead Co.....	92.47
Illinois Steel Co.....	11.68
W. P. Hohenschuh.....	8.35
W. F. Leinbaugh.....	310.85
Fox, Hutchinson & Lake Co.....	103.00
Duluth Lumber Co.....	21.00
McCray Refrigerator Co.....	94.00
P. & F. Corbin Co.....	39.89
H. K. Mulford Co.....	45.00
Smith & Cilek.....	26.95
Alberene Stone Co.....	840.29
Pay Roll, labor	1,404.25
C. R. I. & P. Ry. Co.....	162.87
Miscellaneous equipment	283.27

Total equipment, Research Laboratory

4,237.27

Equipment, Physics Building:

General Electric Co., equipment....\$	7.50
Leeds & Northrup Co., equipment..	41.30
Electro Importing Co., equipment...	7.34
Wm. Gaertner Co., equipment.....	16.13
A. C. Becken Co., equipment.....	65.75
Central Scientific Co., equipment...	25.00
C. H. Stoelting Co., equipment.....	9.20
James G. Biddle, equipment.....	562.06
C. R. I. & P. Ry. Co., equipment....	145.25
Miscellaneous equipment	119.81

Total equipment, Physics Building

999.24

IOWA STATE BOARD OF EDUCATION

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Total expenditures from Equipment New Build- ings Fund, 1911-12.....	\$ 15,168.68
Balance cash on hand, June 30, 1912.....	10,331.32
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	\$ 25,500.00
	\$ 25,500.00

EQUIPMENT LAW BUILDING, ETC. FUND.

Cash on hand, July 1, 1911.....	\$ 3,166.14
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EXPENDITURES.

Equipment, Law Building:

Chase & West, equipment.....	\$ 12.50
Snead & Co. Iron Works, equipment	45.00
W. D. Allen Co., equipment.....	33.33
Miscellaneous labor	22.80

Total equipment, Law Building..	\$ 113.63
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Equipment, President's House:

Geo. E. MacLean, equipment.....	\$ 33.00
Iowa Furniture & Carpet Co., equip- ment	1,921.43
W. P. Hohenschuh, equipment.....	23.55
L. Schump, equipment.....	48.50

Total equipment, President's	
House	2,026.48

Equipment, Carpenter Shop:

J. A. Tay & Eagan Co., equipment..\$	150.91
Bailey & Blendinger Co., equipment	22.25
Western Electric Co., equipment...	8.00
W. D. Allen Co., equipment.....	8.90
Wm. Musser, equipment.....	10.00
Crescent Machinery Co., equipment	7.42
Smith & Cilek, equipment.....	5.35
C., R. I. & P. Ry. Co., equipment...	6.42
Miscellaneous equipment	5.40

Total equipment, Carpenter Shop.	224.65
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Equipment, Senate Room:

Davidson Bros. Co., equipment.....	238.14
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Equipment, Miscellaneous Buildings:

Schneider Bros., equipment.....	46.75
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Total expenditures, Equipment Law Building, Etc. Fund, 1911-12.....	\$ 2,649.65	
Balance cash on hand, June 30, 1912.....	516.49	
	<hr/>	<hr/>
	\$ 3,166.14	\$ 3,166.14

HEATING AND HYDRAULICS PLANTS EQUIPMENT FUND.

Cash on hand, July 1, 1911.....	\$ 1,440.58
Received from sale of material.....	2.37

EXPENDITURES.

Heating Plant Equipment:

Lunkenheimer Co.	\$ 121.38
Foster Engineering Co.....	18.18
Western Kieley Steam Specialty Co.	214.55
Crane Co.	100.90
Under Feed Stoker Co.....	215.07
H. W. Johns Manville Co.....	361.96
Iowa City Iron Works.....	32.05
Miscellaneous equipment	378.86

Total expenditures, Heating and
Hydraulics Plants Equipment
Fund, 1911-12

\$ 1,442.95
\$ 1,442.95 \$ 1,442.95

EQUIPMENT AND SUPPLIES FUND.

Cash on hand, July 1, 1911.....	\$ 2,543.06
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RECEIPTS.

From state warrants under chapter 200, section 2, laws of 34th G. A.....	\$ 7,500.00
From warrants cancelled	8.70

EXPENDITURES.

Equipment, Applied Science:

Civil Engineering	\$ 383.46
Mechanical Engineering	596.01
Electrical Engineering	419.55
Mining Engineering	150.63
Mechanics	96.22
Descriptive Geometry and Drawing	109.11

\$ 1,754.98

Physics, equipment	1,145.36
Commercial Museum, equipment	41.81
College of Dentistry, equipment.....	1,081.19
Museum, equipment	1,815.87
Carpenter Shop, equipment.....	8.50
University Laundry, equipment.....	58.69
General equipment	493.08
Electrical supplies	1,731.45
Plumbing supplies	733.47
Steam heating supplies.....	438.43
Gas light supplies.....	24.47
Library card cases.....	312.15

IOWA STATE BOARD OF EDUCATION

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Total expenditures, Equipment and Supplies

Fund, 1911-12	\$ 9,639.45
Balance cash on hand, June 30, 1912.....	412.31
	<hr/>
	\$ 10,051.76 \$ 10,051.76

REPAIR AND CONTINGENT FUND.

Cash on hand, July 1, 1911.....	\$ 56.38
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RECEIPTS.

From state warrants under chapter 212, section 2, laws of 32d G. A....	\$ 9,375.00
From state warrants under chapter 244, section 1, laws of 33d G. A....	9,375.00
From state warrants under chapter 200, section 1, laws of 34th G. A....	5,000.00
From warrants cancelled	6.17
From Board in Control of Athletics, one-half cost of construction of sec- tion of bleachers	830.28
	<hr/>
Total receipts, 1911-12.....	24,586.45

EXPENDITURES.

General repairs	\$ 3,498.23
Plumbing repairs	266.34
Electrical repairs	529.44
Physics Building, repairs and painting.....	197.32
Science Building, repairs and painting.....	152.74
School of Music, repairs and painting.....	20.07
Hall of Liberal Arts, repairs and painting.....	391.25
Dental Building, repairs and painting.....	210.43
President's House, repairs and painting.....	30.83
Old Capitol Building, repairs and painting.....	143.22
Chemistry Building, repairs and painting.....	160.06
Medical Laboratory, repairs and painting.....	299.19
Unity Hall, repairs and painting.....	677.60
Natural Science Building, repairs and painting....	185.46
Green House, repairs and painting.....	7.09
Engineering Building, repairs and painting.....	64.36
Armory, repairs and painting.....	251.14
Nurses' Home, repairs and painting.....	24.51
Engineering Sheds, repairs and painting.....	5.36
Old Capitol Building, vault.....	215.98
Homeopathic Hospital, fire escapes.....	327.00
Homeopathic Hospital, tunnel.....	1,247.57
University Hospital, repairs and painting.....	1,780.08
Heating Plant, repairs and painting.....	459.31
Boiler repairs	647.06
Chemical Laboratory, repairs and painting.....	123.20

SECOND BIENNIAL REPORT

Pharmacy Laboratory, repairs and painting.....	25.02	
Care of Campus.....	231.86	
Care of Athletic Field.....	402.47	
Football bleachers	1,676.56	
Steam tunnel, repairs.....	1,090.08	
Hospital boiler, repairs.....	43.75	
Gas engine	4,230.04	
Dynamo	2,322.69	
University Plumber, salary.....	1,045.00	
		<hr/>
Total expenditures, Repair and Contingent Fund, 1911-12	\$ 22,982.31	
Balance cash on hand, June 30, 1912.....	1,660.52	
		<hr/>
	\$ 24,642.83	\$ 24,642.83

PAVING AND SIDEWALKS FUND.

Cash on hand, July 1, 1911.....\$ 8.90

RECEIPTS.

State warrants under chapter 212, section 2, laws of 34th G. A..... 5,000.00
 From Coast and Sons, paving alley..... 102.00

EXPENDITURES.

City of Iowa City, to apply on the following paving Jefferson street, Capitol street to Gilbert street; Iowa avenue, Clinton street to Dubuque street; Dubuque street, Iowa avenue to Jefferson street. The Gould Co., fittings for fence..... 26.60
 Miscellaneous expense for labor and material in construction of cement walks; also expense in care of campus, etc..... 1,740.02

Total expenditures, Paving and Sidewalks Fund, 1911-12

Overdrawn on fund, June 30, 1912..... 155.72

\$ 5,266.62 \$ 5,266.62

DONATED LAND FUND.

RECEIPTS.

From rent of lands, "J. D. Carson".....\$ 260.00
 From rent of lands, "C. L. Lanbach"..... 120.00

EXPENDITURES.

Amount overdrawn on fund, July 1, 1911.....\$ 287.63
 Balance, cash on hand, June 30, 1912..... 92.37

\$ 380.00 \$ 380.00

SPECIAL LAND FUND.

Cash on hand, July 1, 1911.....\$ 1,688.19

RECEIPTS.

From state warrants under chapter 212, section 2,
laws of 34th G. A.....\$ 20,000.00
From rents and property sold..... 1,316.00

EXPENDITURES.

J. B. Coldren Estate, purchase price of site for Women's Building, lots 5, 6, 7, and 8, in Block 88, Iowa City	\$ 20,000.00
S. A. Swisher, insurance.....	32.20
Bailey and Murphy, insurance.....	24.00
Milton Remley, examining abstract.....	19.50
County Recorder, recording deed.....	2.85
Sundry expenditures for repairs on buildings owned and rented by the University.....	219.12
Sheriff of Johnson county, in part payment of Lot 5, Block 45, of Iowa City, William Green prop- erty	1,000.00
Total expenditures, 1911-12.....	\$ 21,297.67
Balance cash on hand, June 30, 1912.....	1,706.52
	<hr/>
	\$ 23,004.19 \$ 23,004.19

PERMANENT LAND FUND.

Cash on hand, July 1, 1911.....\$240,320.36

RECEIPTS.

From sale of Hardin county land, John Petrie	\$ 425.00
From rent of land, F. L. Smith.....	100.00
Total receipts, 1911-12.....	525.00
Balance cash on hand, June 30, 1912.....	\$240,845.36
	<hr/>
	\$240,845.36 \$240,845.36

WM. JENNINGS BRYAN PRIZE FUND.

Cash on hand, July 1, 1911.....	\$ 250.00
Cash on hand, June 30, 1912.....	\$ 250.00
	<hr/>
	\$ 250.00 \$ 250.00

Note—This fund was established by Wm. Jennings Bryan, the interest to be used for an annual prize for the best essay on some phase of political science.

WM. JENNINGS BRYAN PRIZE INTEREST FUND.

Cash on hand, July 1, 1911.....	\$ 28.66
Received interest on principal of \$250.....	12.50

SECOND BIENNIAL REPORT

EXPENDITURES.

Clifford Powell, first prize, political science essay...	\$	10.00	
Cash on hand, June 30, 1912.....		31.16	
	\$	41.16	\$ 41.16

CHARLES M. JESUP PRIZE FUND.

Cash on hand, July 1, 1911.....	\$	50.00	
Cash on hand, June 30, 1912.....			\$ 50.00
	\$	50.00	\$ 50.00

A. WHITNEY CARR FREE SCHOLARSHIP FUND.

Cash on hand, July 1, 1911.....	\$	50,000.00	
Cash on hand, June 30, 1912.....			\$ 50,000.00
	\$	50,000.00	\$ 50,000.00

A. WHITNEY CARR FREE SCHOLARSHIP INTEREST FUND.

Cash on hand, July 1, 1911.....	\$	3,567.35	
Received interest on principal of \$50,000.....		2,510.40	

EXPENDITURES.

Scholarships as follows:

Edwin Bashe	\$	20.00
Paul B. Anderson.....		20.00
May Hodgson		20.00
Mildred Zimmerman		20.00
Hazel Askey		20.00
George G. Glick.....		20.00
Amelia Semrad		20.00
Dorothy Dondore		20.00
Albert Gran		20.00
Carolyn Newcomb		20.00
Ada H. Beach		20.00
James L. Hodgson		20.00
Will Heisterman		20.00
J. S. Colton		20.00
Hellen Kenney		20.00
Gretchen Hoagland		20.00
Ben Adams		20.00
L. L. Shillinglaw		20.00
Sophia Davis		20.00
John M. Stoaks		20.00
A. L. Gauthier		20.00
E. Everett Norris		20.00
Hoyt Cooper		20.00
Howard T. Holt		20.00
Riley J. Beck		20.00

Ernest Fogleberg	20.00
J. W. Hopkinson	20.00
Lee J. Kieser	20.00
Maurice Repass	20.00
Tys Pals	20.00
Chas. Gallaher	20.00
S. J. Stone	20.00
Harry Kiesling	20.00
L. B. Davidson	20.00
Ruth Anderson	20.00
Adah Hyde	20.00
Hazel Hull	20.00
John B. Arthur	20.00
Mariana Sims	20.00
Marie Bordeaux	20.00
Carroll B. Martin	20.00
Crawford Brown	20.00
Ada Ellison	20.00
Carl C. Caswell	20.00
Anna Van der Zee	20.00
Olive A. Kunz	20.00
L. A. Nelson	20.00
Evalene Babcock	20.00
Blanche Oldaker	20.00
Ruth Ellison	20.00
Charlotte Stone	20.00
Florence Bradley	20.00
M. D. McNeal	20.00
Lloyd A. Myers	20.00
Chas. F. Gordon	20.00
Jesse Luippold	20.00
Frank McCoy	20.00
Fred Woodrich	20.00
Ralph Ellinghouse	20.00
John Coleman	20.00
Will Weis	20.00
Lydia A. Thomas	20.00
Olive B. Thomas	20.00
Wright Stacy	20.00
Cora Fabricius	20.00
Josephine Leonard	20.00
K. P. Ghose	20.00
Richard Salyards	20.00
Claude L. Shepard	20.00
Carl F. Gordan	20.00
Ida D. M. Stewart	20.00
H. O. Clancy	20.00
C. O. Martin	20.00
R. W. Gearhart	20.00

Mark Floyd	10.00
Lawrence Martin	20.00
Florence Franzen	20.00
Eva M. Whetstone	10.00
Forrest Loudin	20.00
Melvin J. Muckey	30.00
James J. Trickey	20.00
L. N. Hildebrand	10.00
Jose Jereza	20.00
Howard Fearing	20.00
F. C. Bennall	20.00
Carl O. Sjulín	20.00
Percy E. Van Nostrand	20.00
Jennie E. Potgetter	20.00
Floyd C. Beach	20.00
Archie Alexander	20.00
Ralph Cockshoot	20.00
Ralph Gray	20.00
Winifred Byrne	20.00
Raymond H. Durbarow	20.00
Eugene Black	20.00
Glann Carpenter	20.00
Harold C. Dunn	20.00
Maud Walz	20.00
Harold C. Austin	20.00
C. G. Gustavson	20.00
Lester Shepard	20.00
Gwyneth Williams	20.00
Florence Bradley	20.00
Mandick Olson	20.00
James M. Gammion	20.00
Verna Schmidt	20.00
John Tucker	20.00
Augustin Jereza	20.00
Carl T. Bowen	20.00
M. Clone Talbott	10.00
Maurice J. Silver	10.00
Anna E. Baum	10.00
Muriel Arthur	20.00
Gladys Bateson	20.00
Maurice J. Silver.....	10.00
Ross L. Stockman	10.00
Eleanor Daud	10.00
Margaret A. Hogan	10.00
Jesse D. Luippold	10.00
Leonard D. Hotz	10.00
Augustin Jereza	10.00
Mildred Morrison	10.00
Wm. Heisterman	10.00

Michael Dolak	10.00		
Alice Brown	10.00		
H. D. Hanson	10.00		
Anna E. Baum	10.00		
Gabriel Westh	10.00		
Mark L. Floyd	10.00		
I. A. Rankin	10.00		
Clone Talbott	10.00		
Harry H. Schulte	10.00		
E. Farnham Oviatt	10.00		
John H. Gabriel	10.00		
Adolph Kolstad	10.00		
Helen F. Silsbee	20.00		
Eva Whetstone	10.00		
L. N. Hildebrand	10.00		
Jose Jereza	10.00		
<hr/>			
Total Scholarships		\$	2,490.00
Disability allowances as follows:			
Hazel Hull	20.00		
Ival McPeak	100.00		
<hr/>			
Total disability allowances			120.00
Loans as follows:			
Jose Jereza	25.00		
F. W. Woodrich, Jr.	100.00		
<hr/>			
Total loans			125.00
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Total expenditures, 1911-12		\$	2,735.00
Balance cash on hand, June 30, 1912.		\$	3,342.75
<hr/>			
		\$	6,077.75
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		\$	6,077.75

F. O. LOWDEN ORATORY PRIZE FUND.

Twenty-five shares of 7 per cent. preferred stock of the National Biscuit Co. on hand July 1, 1911, and June 30, 1912.....	\$ 2,500.00	\$ 2,500.00
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F. O. LOWDEN ORATORY PRIZE INTEREST FUND.

Cash on hand, July 1, 1911.....	\$ 293.75	
Received 7 per cent. dividend on 25 shares of pre- ferred stock of the National Biscuit Co.....	175.00	
Balance cash on hand, June 30, 1912.....		\$ 468.75
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	\$ 468.75	\$ 468.75

SECOND BIENNIAL REPORT

MARK RANNEY MEMORIAL FUND.

Cash on hand, July 1, 1911.....	\$ 71,436.67	
Cash on hand, June 30, 1912.....		\$ 71,436.67
	<u>\$ 71,436.67</u>	<u>\$ 71,436.67</u>

NOTE—This fund was established by Martha W. Ranney, the interest from the fund to be used in establishing and maintaining the Mark Ranney Memorial Institute for the foundation of a College of Fine Arts in connection with the University.

MARK RANNEY MEMORIAL INTEREST FUND.

Cash on hand, July 1, 1911.....	\$ 1,857.79
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RECEIPTS.

Rents from Ranney Hall.....	\$ 410.00
Interest on Ranney Memorial Fund...	3,411.79
State of New Jersey—Refund of collateral inheritance tax.....	174.73
Total receipts, 1911-12.....	<u>3,996.52</u>

EXPENDITURES.

C. A. Cumming, Professor of Fine Arts—salary...	\$ 1,200.00
Harold A. Miles, Instructor—salary.....	1,000.00
Bertha Stinner—allowance.....	300.00
Joseph Brysch—labor at Ranney Hall.....	230.67
Assistance in Ranney Library.....	96.80
Iowa City Water Co.—water.....	16.00
Bailey & Murphy—insurance.....	17.50
L. H. Fenton—care of cemetery lot.....	2.00
Supplies, etc—Department of Fine Arts.....	43.02
Lovell Swisher—collateral inheritance tax, etc....	183.66
Books, etc.—Ranney Library.....	191.51
Labor and material for repairing Ranney Hall.....	109.90
Total expenditures, 1911-12.....	<u>\$ 3,391.06</u>
Balance cash on hand, June 30, 1912.....	2,463.25
	<u>\$ 5,854.31</u>
	<u>\$ 5,854.31</u>

WAITE LOWRY GIFFORD MEMORIAL FUND.

Cash on hand, July 1, 1911.....	\$ 8,737.08	
Cash on hand, June 30, 1912.....		\$ 8,737.08
	<u>\$ 8,737.08</u>	<u>\$ 8,737.08</u>

WAITE LOWRY GIFFORD MEMORIAL INTEREST FUND.

Cash on hand, July 1, 1911.....	\$ 280.60
Received interest on Waite Lowry Gifford Memorial Fund.....	401.00

EXPENDITURES.

University Hospital.....	\$ 461.01
Balance cash on hand, June 30, 1912.....	220.59

ANNUAL REPORT

OF TREASURER OF THE STATE UNIVERSITY OF IOWA FOR THE
FISCAL YEAR ENDING JUNE 30, 1911.

Iowa, City, Iowa,
June 30, 1911.

To the Honorable Iowa State Board of Education.

GENTLEMEN: I have the honor to submit herewith my Report of
the business of this office for the year ending June 30, 1911.

Respectfully submitted,

LOVELL SWISHER,
Treasurer.

PERMANENT FUND CASH.

To cash, balance June 30, 1910.....	\$ 670.36	
To cash, loans paid.....	30,225.00	
By cash, new loans.....		\$ 17,500.00
Balance		13,395.36
	<u>\$ 30,895.36</u>	<u>\$ 30,895.36</u>

THE A. WHITNEY CARR FREE SCHOLARSHIP FUND CASH.

To cash, balance June 30, 1910.....	\$ 150.00	
To cash, loans paid.....	1,500.00	
By cash, new loan.....		\$ 1,650.00
	<u>\$ 1,650.00</u>	<u>\$ 1,650.00</u>

MARK RANNEY MEMORIAL FUND CASH.

To cash, balance June 30, 1910.....	\$ 1,090.42	
To cash, loans paid.....	15,931.25	
To cash, deposit of Secretary.....	40.00	
By cash, new loans.....		\$ 14,500.00
Balance		2,561.67
	<u>\$ 17,061.67</u>	<u>\$ 17,061.67</u>

INCOME FUND CASH.

To cash, balance June 30, 1910.....	\$ 12,715.30
To cash, Permanent Fund Interest.....	12,302.81
To cash, University Hospital.....	38,874.11
To cash, Homeopathic Hospital.....	8,199.75
To cash, Dental Clinics.....	8,245.64

SECOND BIENNIAL REPORT

To cash, tuitions, College of Liberal Arts.....	16,770.75	
To cash, tuitions, College of Applied Science.....	2,880.50	
To cash, tuitions, College of Law.....	10,142.50	
To cash, tuitions, College of Medicine.....	5,797.75	
To cash, tuitions, College of Homeopathic Medicine	900.50	
To cash, tuitions, College of Dentistry.....	7,746.00	
To cash, tuitions, College of Pharmacy.....	2,118.00	
To cash, tuitions, Graduate College.....	250.00	
To cash, tuitions, School of Music.....	5,175.75	
To cash, tuitions, Summer Sessions.....	1,030.00	
To cash, tuitions, Special Examinations.....	234.00	
To cash, Diploma Fees.....	3,809.00	
To cash, Ophthalmology and Otology.....	883.10	
To cash, Law Loan Book Account.....	358.15	
To cash, Miscellaneous.....	2,861.05	
To cash, Interest on Deposits.....	1,827.04	
To cash, Rents.....	100.00	
To cash, Engineering Testing Laboratory.....	55.39	
To cash, Appropriations, Chap. 212, Sec. 2, Laws		
1907	144,125.00	
To cash, Appropriations, Chap. 214, Sec. 1, Laws		
1907	86,375.00	
To cash, Appropriations, Chap. 244, Sec. 1, Laws		
1909	47,000.00	
To cash, Appropriations, Chap. 209, Sec. 1, Laws		
1911	19,693.96	
By cash, warrants paid.....		\$428,094.42
Balance		12,376.63
	\$440,471.05	\$440,471.05

WAITE LOWRY GIFFORD MEMORIAL FUND CASH.

To cash, balance June 30, 1910.....	\$ 737.08
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BUILDING TAX FUND CASH.

To cash, balance June 30, 1910.....	\$ 3,390.87	
To cash, received from State Treasurer.....	135,000.00	
To cash, received from Secretary.....	2.00	
By cash, warrants paid.....		\$132,518.90
Balance		5,873.97
	\$138,392.87	\$138,392.87

REPAIRS AND CONTINGENT FUND CASH.

To cash, balance June 30, 1910.....	\$ 58.65	
To cash, received from State Treasurer.....	16,002.75	
To cash, received from Secretary.....	30.45	
By cash, warrants paid.....		16,013.47
Balance		78.38
	\$ 16,091.85	\$ 16,091.85

SPECIAL LAND FUND CASH.

To cash, balance June 30, 1910.....	\$ 1,310.50	
To cash, received from State Treasurer.....	17,500.00	
To cash, received from Secretary.....	1,431.47	
By cash, warrants paid.....		\$ 18,553.78
Balance		1,688.19
	<u>\$ 20,241.97</u>	<u>\$ 20,241.97</u>

EQUIPMENT AND SUPPLIES FUND CASH.

To cash, balance June 30, 1910.....	\$ 1,096.55	
To cash, received from State Treasurer.....	7,500.00	
To cash, received from Secretary.....	13.00	
By cash, warrants paid.....		\$ 6,066.49
Balance		2,543.06
	<u>\$ 8,609.55</u>	<u>\$ 8,609.55</u>

DONATED LANDS FUND CASH.

To cash, balance June 30, 1910.....	\$ 374.47	
To cash, rents.....	276.90	
To cash, received from Secretary.....	938.99	
By cash, warrants paid.....		\$ 1,877.99
Balance	287.63	
	<u>\$ 1,877.99</u>	<u>\$ 1,877.99</u>

EQUIPMENT NEW MEDICAL BUILDING FUND CASH.

To cash, balance June 30, 1910.....	\$ 310.82	
By cash, warrants paid.....		\$ 310.82
	<u>\$ 310.82</u>	<u>\$ 310.82</u>

EQUIPMENT HEATING PLANT, ETC., FUND CASH.

To cash, balance June 30, 1910.....		
To cash, received from State Treasurer.....	\$ 7,500.00	
By cash, warrants paid.....		\$ 6,059.42
Balance		1,440.58
	<u>\$ 7,500.00</u>	<u>\$ 7,500.00</u>

EQUIPMENT NEW LAW BUILDING, ETC., FUND CASH.

To cash, balance June 30, 1910.....	\$ 100.95	
To cash, received from State Treasurer.....	9,500.00	
By cash, warrants paid.....		\$ 6,434.81
Balance		3,166.14
	<u>\$ 9,600.95</u>	<u>\$ 9,600.95</u>

SECOND BIENNIAL REPORT

W. J. BRYAN PRIZE FUND INTEREST CASH.

To cash, balance June 30, 1910.....	\$	26.16		
To cash, interest.....		12.50		
By cash, warrants paid.....			\$	10.00
Balance				28.66
	\$	38.66	\$	38.66

LIBRARY FUND CASH.

To cash, balance June 30, 1910.....	\$	1,566.18		
To cash, received from State Treasurer.....		15,501.37		
To cash, received from Secretary.....		12.18		
By cash, warrants paid.....			\$	16,035.15
Balance				1,044.58
	\$	17,079.73	\$	17,079.73

WAITE LOWRY GIFFORD MEMORIAL INTEREST FUND CASH.

To cash, balance June 30, 1910.....	\$	295.77		
To cash, interest.....		400.73		
By cash, warrants paid.....			\$	415.90
Balance				280.60
	\$	696.50	\$	696.50

CHAS. M. JESUP PRIZE FUND CASH.

To cash, received from Secretary.....	\$	100.00		
By cash, warrants paid.....			\$	50.00
Balance				50.00
	\$	100.00	\$	100.00

PAVING AND SIDEWALKS FUND CASH.

To cash, balance June 30, 1910.....	\$	2,088.66		
To cash, received from State Treasurer.....		3,000.00		
By cash, warrants paid.....			\$	5,077.76
Balance				10.90
	\$	5,088.66	\$	5,088.66

THE A. WHITNEY CARR FREE SCHOLARSHIP INTEREST FUND CASH.

To cash, balance June 30, 1910.....	\$	3,886.84		
To cash, interest and premium.....		2,470.51		
By cash, warrants paid.....			\$	2,780.00
Balance				3,577.35
	\$	6,357.35	\$	6,357.35

FRANK O. LOWDEN ORATORY FUND CASH.

To cash, balance June 30, 1910.....	\$ 318.75	
To cash, received from Secretary.....	175.00	
By cash, warrants paid.....		\$ 100.00
Balance		393.75
	<u>\$ 493.75</u>	<u>\$ 493.75</u>

MARK RANNEY MEMORIAL INTEREST FUND CASH.

To cash, balance June 30, 1910.....	\$ 1,868.86	
To cash, interest.....	3,468.31	
To cash, received from Secretary.....	333.25	
By cash, warrants paid.....		\$ 3,572.63
Balance		2,097.79
	<u>\$ 5,670.42</u>	<u>\$ 5,670.42</u>

RECAPITULATION OF BALANCES.

Permanent Fund.....	\$ 13,395.36
A. Whitney Carr Free Scholarship Fund.....	0
Mark Ranney Memorial Fund.....	2,561.67
Income Fund.....	12,376.63
Waite Lowry Gifford Memorial Fund.....	737.08
Building Tax Fund.....	5,873.97
Special Land Fund.....	1,688.19
Equipment and Supplies Fund.....	2,543.06
Equipment New Medical Building Fund.....	0
Equipment Heating Plant, etc., Fund.....	1,440.58
Equipment New Law Building, etc., Fund.....	3,166.14
W. J. Bryan Prize Fund Interest Cash.....	28.66
Repairs and Contingent Fund.....	78.38
Waite Lowry Gifford Memorial Interest Fund Cash.....	280.60
Chas. M. Jesup Fund Cash.....	50.00
Paving and Sidewalks Fund Cash.....	10.90
A. Whitney Carr Free Scholarship Interest Fund Cash	3,577.35
Frank O. Lowden Oratory Fund Cash.....	393.75
Mark Ranney Memorial Interest Fund Cash.....	2,097.79
Library Fund.....	1,044.58
	<u>\$ 51,344.69</u>

ACCOUNT OVERDRAWN.

Donated Lands Fund.....	287.63
	<u>\$ 51,057.06</u>

CAPITAL.

By mortgage notes, June 30, 1910.....	\$239,650.00
By cash balance, June 30, 1910.....	670.36
To mortgage notes on hand.....	\$226,925.00
To cash balance.....	13,395.36
	<u>\$240,320.36</u>
	<u>\$240,320.36</u>

SECOND BIENNIAL REPORT

THE A. WHITNEY CARR SCHOLARSHIP FUND.

By mortgage notes, June 30, 1910.....	\$ 49,850.00	
By cash balance, June 30, 1910.....	150.00	
To mortgage notes on hand.....	\$ 50,000.00	
	<u>\$ 50,000.00</u>	<u>\$ 50,000.00</u>

MARK RANNEY MEMORIAL FUND.

By mortgage notes, June 30, 1910.....	\$ 52,806.25	
By debenture bonds, June 30, 1910.....	17,500.00	
By cash balance, June 30, 1910.....	1,090.42	
By increase by deposit, Secretary.....	40.00	
To mortgage notes on hand.....	\$ 61,475.00	
To debenture bonds on hand.....	7,400.00	
To cash balance.....	2,561.67	
	<u>\$ 71,436.67</u>	<u>\$ 71,436.67</u>

WAITE LOWRY GIFFORD MEMORIAL FUND.

By mortgage notes, June 30, 1910.....	\$ 8,000.00	
By cash balance, June 30, 1910.....	737.08	
To mortgage notes on hand.....	\$ 8,000.00	
To cash balance.....	737.08	
	<u>\$ 8,737.08</u>	<u>\$ 8,737.08</u>

FRANK O. LOWDEN ORATORICAL LEAGUE FUND.

To 25 shares of preferred stock of National Biscuit Company on hand.....	\$ 2,500.00
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W. J. BRYAN PRIZE FUND.

To interest on mortgage note on hand.....	\$ 250.00
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LOANS.

During the year ending June 30, 1911, I have made and herewith present for examination and approval loans as listed below.

PERMANENT FUND LOANS.

Name	No.	Amount	Value of Security
Ralph Evans	1091	\$11,000.00	\$26,085.00
Edwin Hummer	1092	6,500.00	23,250.00

THE A. WHITNEY CARR SCHOLARSHIP FUND LOAN.

Geo Rupener	30	\$ 1,650.00	\$21,550.35
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MARK RANNEY MEMORIAL FUND LOAN.

John E. Noone	26	\$14,500.00	\$29,400.00
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Find attached hereto marked Exhibit A, a list of mortgage notes belonging to the Permanent Fund.

Also Exhibit B., a list of mortgage notes belonging to the A. Whitney Carr Scholarship Fund.

Also Exhibit C., a list of mortgage notes belonging to the Mark Ranney Memorial Fund.

Also Exhibit D., a list of mortgage notes belonging to the Waite Lowry Gifford Memorial Fund.

Also Exhibit E., showing interest on mortgage note belonging to W. J. Bryan Prize Fund.

In turning over the securities of the State University of Iowa to my successor, I wish to say I have served as Treasurer of the State University of Iowa for twenty-one years and during this time I have kept the Permanent Funds loaned out closely without the loss of a dollar.

The loans are now all in good condition with no delinquent interest.

EXHIBIT A.

List of Permanent Fund Mortgage Notes on hand June 30, 1911.

Interest Paid to	No.	Name	Amount
January 1, 1911.	725	Steph Bradley -----	\$ 400.00
January 1, 1911.	830	John Kuchera -----	1,300.00
January 1, 1911.	837	Rufus B. Sears -----	500.00
January 1, 1911.	853	L. S. Conklin -----	1,300.00
January 1, 1911.	869	W. P. Ten Elck -----	2,850.00
January 1, 1911.	872	Harriet Black -----	1,000.00
January 1, 1911.	877	C. J. Swartzendruber -----	1,300.00
January 1, 1911.	878	N. B. Richey -----	4,000.00
January 1, 1911.	886	R. B. Graham -----	2,000.00
January 1, 1911.	889	Elizabeth Butler -----	800.00
January 1, 1911.	894	B. J. Hochstettler -----	1,870.00
January 1, 1911.	899	Elizabeth Dennis -----	500.00
January 1, 1911.	905	Victor F. Schnoebelen -----	4,000.00
January 1, 1911.	931	Anthony Sibel -----	4,000.00
January 1, 1911.	937	William Hofedltz -----	600.00
January 1, 1911.	942	W. P. Ten Elck -----	1,000.00
January 1, 1911.	962	Joseph Plashel -----	1,350.00
January 1, 1911.	964	J. F. Packard -----	1,600.00
January 1, 1911.	977	James M. Fordice -----	1,300.00
January 1, 1911.	982	James J. Edwards -----	2,000.00
January 1, 1911.	987	L. J. Guengerich -----	1,500.00
January 1, 1911.	995	Victor F. Schnoebelen -----	425.00
January 1, 1911.	1007	Frank Stret -----	2,500.00
January 1, 1911.	1012	Gustav Eckhardt -----	2,800.00
January 1, 1911.	1019	Eliza C. Hardy, et al. -----	2,300.00
January 1, 1911.	1020	Alexander Grace -----	10,000.00
January 1, 1911.	1022	John W. Griffith -----	3,500.00
January 1, 1911.	1023	A. D. Craig -----	3,000.00
January 1, 1911.	1028	Geo. S. Weed -----	3,500.00
January 1, 1911.	1030	John T. Ford -----	2,000.00
January 1, 1911.	1033	John D. Colony -----	1,800.00
January 1, 1911.	1034	August Wiese -----	1,900.00
January 1, 1911.	1035	August Trepton -----	900.00
January 1, 1911.	1038	John H. Potter -----	1,350.00
January 1, 1911.	1039	Joseph Lenocho -----	2,300.00
January 1, 1911.	1040	Anthony Sibel -----	500.00
January 1, 1911.	1044	Joseph L. Roberts -----	1,200.00
January 1, 1911.	1049	William Herzberg -----	2,000.00
January 1, 1911.	1051	Emma F. Draker -----	1,650.00
January 1, 1911.	1053	D. B. Hochstettler -----	530.00
January 1, 1911.	1055	John W. Stoner -----	1,100.00

SECOND BIENNIAL REPORT

EXHIBIT A—CONTINUED.

Interest Paid to	No.	Name	Amount
April 1, 1911.	1057	Jacob F. Wentz	5,000.00
January 1, 1911.	1058	Joseph Hoffman	1,800.00
January 1, 1911.	1059	D. J. Berkey	5,250.00
January 1, 1911.	1063	Emily J. Jordan	2,100.00
January 1, 1911.	1068	Inland Fuel Co.	2,000.00
January 1, 1911.	1067	John L. Edwards	2,400.00
January 1, 1911.	1068	William J. Hansen	8,000.00
January 1, 1911.	1070	Jacob P. Miller	3,500.00
March 1, 1911.	1072	Samuel Spinden	10,000.00
January 1, 1911.	1073	M. H. and P. J. Donohoe	4,500.00
March 1, 1911.	1074	George Rupener	6,500.00
March 1, 1911.	1076	Frederick L. Zager	4,000.00
January 1, 1911.	1078	M. H. Donohoe and J. H. Murphy	4,000.00
January 1, 1911.	1079	Primus F. Weeks	5,000.00
January 1, 1911.	1080	Albert Schmidt	3,100.00
January 1, 1911.	1081	Lorin I. Conklin	350.00
May 1, 1911.	1082	Thomas H. Giblin	10,000.00
January 1, 1911.	1083	Kate C. McGuire	2,500.00
January 1, 1911.	1084	C. E. Stewart	5,500.00
January 1, 1911.	1085	E. A. Miller	6,000.00
March 1, 1911.	1086	Samuel Lininger	6,000.00
March 1, 1911.	1087	John Lentz, Jr.	10,000.00
January 1, 1911.	1088	Ann Mooney	5,000.00
January 1, 1911.	1089	J. W. Justice	12,000.00
January 1, 1911.	1090	Edward Kinney	3,500.00
No interest matured.	1091	Ralph Evans	11,000.00
No interest matured.	1092	Edwin Hummer	6,500.00
			\$226,925.00

EXHIBIT B.

List of Mortgage Notes on Account of the A. Whitney Carr Free Scholarship Fund on hand June 30, 1911.

Interest Paid to	No.	Name	Amount
January 1, 1911.	2	Geo. R. Hall	\$ 2,000.00
January 1, 1911.	3	Geo. R. Hall	2,400.00
January 1, 1911.	6	Susan E. Wandling	1,500.00
April 1, 1911.	7	W. H. C. Rogers	6,400.00
January 1, 1911.	9	Chas. E. Stover	2,000.00
January 1, 1911.	10	Elizabeth Butler, et al	3,500.00
January 1, 1911.	15	Jacob Albright	1,900.00
January 1, 1911.	18	John A. Wolz	3,500.00
March 1, 1911.	20	Vincent Pelzer	3,800.00
March 1, 1911.	21	Vincent R. Pelzer	3,000.00
March 1, 1911.	22	Vincent R. Pelzer	3,000.00
January 1, 1911.	24	L. L. Stutzman	2,250.00
March 1, 1911.	26	Geo. Rupener	2,500.00
January 1, 1911.	27	Lucy Hemsted	1,100.00
January 1, 1911.	28	F. S. Webster	2,500.00
January 1, 1911.	29	Lumley Tudor	7,500.00
No interest matured.	30	George Rupener	1,650.00
			\$ 50,000.00

EXHIBIT C.

List of Mortgage Notes belonging to the Mark Ranney Memorial Fund
on hand June 30, 1911.

Interest Paid to	No.	Name	Amount
April 8, 1911.	7	William Nelson -----	\$ 575.00
March 1, 1911.	10	Andrew Hanson -----	2,600.00
March 1, 1911.	15	Geo. W. Wills -----	1,500.00
March 20, 1911.	16	G. A. Barker -----	500.00
January 1, 1911.	17	J. A. Northrup -----	3,000.00
January 1, 1911.	18	J. A. Northrup -----	3,000.00
May 1, 1911.	19	Wm. Fuhrmeister -----	5,000.00
January 1, 1911.	20	Geo. L. Yoder -----	3,300.00
January 1, 1911.	21	John Giblin -----	4,000.00
January 1, 1911.	22	John Cash, Jr. -----	7,500.00
January 1, 1911.	23	Ed E. Hanson -----	12,500.00
January 1, 1911.	24	Lumley Tudor -----	1,500.00
January 1, 1911.	25	W. W. Frost -----	2,000.00
No interest matured.	26	John E. Noone -----	14,500.00
			\$ 61,475.00

EXHIBIT D.

List of Mortgage Notes belonging to the Walte Lowry Gifford Memorial
Fund on hand June 30, 1911.

Interest Paid to	No.	Name	Amount
January 1, 1911.	1	N. Peterson -----	\$ 3,000.00
January 1, 1911.	2	F. S. Webster -----	2,000.00
January 1, 1911.	3	F. E. Gates -----	3,000.00
			\$ 8,000.00

EXHIBIT E.

Part of J. H. Potter \$1,600 Mortgage Note belonging to Wm. J. Bryan
Prize Fund.

Interest Paid to		Name	Amount
January 1, 1911.		Part of J. H. Potter, \$1,600.00. Mortgage note be- longing to Wm. J. Bryan Prize Fund.-----	\$ 250.00

ANNUAL REPORT

OF THE TREASURER OF THE STATE UNIVERSITY OF IOWA FOR
THE FISCAL YEAR ENDING JUNE 30, 1912

Iowa City, Iowa.
June 30, 1912.

To the Iowa State Board of Education.

GENTLEMEN: I have the honor to submit herewith my report of the business of this office for the year ending June 30, 1912.

Respectfully submitted,

W. J. MCCLESNEY,
Treasurer.

PERMANENT FUND.

Balance cash on hand, July 1, 1911.....\$ 13,395.36

RECEIPTS.

Loan No. 937—Wm. Hofeditz.....	\$ 600.00
Loan No. 1033—John D. Colony.....	1,800.00
Loan No. 1007—Frank Streb.....	200.00
Loan No. 995—V. F. Schnoebelen.....	425.00
Loan No. 905—V. F. Schnoebelen.....	255.00
Loan No. 1030—John L. Edwards.....	900.00
Loan No. 977—J. M. Fardice.....	100.00
Loan No. 1022—John W. Stoner.....	800.00
Loan No. 1034—August Wiese.....	1,900.00
Loan No. 1035—August Treptow.....	900.00
Loan No. 1063—S. G. Jordan.....	500.00
Loan No. 1072—S. Spinden.....	10,000.00
Loan No. 1089—J. W. Justice.....	12,000.00
Loan No. 1022—A. D. Means.....	3,500.00
Loan No. 877—C. J. Swartzendruber..	1,300.00
	<hr/>
	35,180.00
F. L. Smith—rent of University land.....	100.00
John Peterle—sale of Hardin County land.....	425.00

DISBURSEMENTS.

New loans—Nos. 1093 to 1104 (See list, page 276) ..		\$ 43,600.00
	<hr/>	
	\$ 49,100.36	\$ 43,600.00
Balance, June 30, 1912.....		5,500.36
	<hr/>	
	\$ 49,100.36	\$ 49,100.36

A. WHITNEY CARR FREE SCHOLARSHIP FUND.

RECEIPTS.

Loan No. C 15—Jacob Albright.....	\$ 500.00
Loan No. C 27—Lucy Hempsted.....	100.00
Loan No. C 9—C. E. Stover.....	2,000.00
	<hr/>
	\$ 2,600.00

DISBURSEMENTS.

Loan No. C 32—W. C. H. Rogers.....	\$ 1,600.00
Balance, June 30, 1912.....	1,000.00
	<hr/>
	\$ 2,600.00 \$ 2,600.00

MARK RANNEY MEMORIAL FUND.

Balance cash on hand, July 1, 1911.....	\$ 2,561.67
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RECEIPTS.

German Trust Co.—debenture bonds.....	7,400.00
Loan No. R 20—Geo. L. Yoder.....	\$ 400.00
Loan No. R 15—Geo. W. Wills.....	1,500.00
Loan No. R 16—G. A. Barker.....	500.00
Loan No. R 10—Andrew Hanson	2,600.00
Loan No. R 19—Wm. Fuhrmeister ...	5,000.00
	<hr/>
	10,000.00

DISBURSEMENTS.

New loans—Nos. R 32 to R 35 (See list, page 275).	\$ 16,500.00
Balance, June 30, 1912.....	3,461.67
	<hr/>
	\$ 19,961.67 \$ 19,961.67

WAITE LOWRY GIFFORD MEMORIAL FUND.

Balance cash on hand, July 1, 1911.....	\$ 737.08
Balance cash on hand, June 30, 1912.....	\$ 737.08
	<hr/>
	\$ 737.08 \$ 737.08

INCOME FUND.

Balance cash on hand, July 1, 1911.....	\$ 12,377.73
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RECEIPTS.

Appropriation for support, chapter 212, section 2, laws of 32nd G. A.....	205,500.00
Appropriation for support, chapter 214, section 2, laws of 32nd G. A.....	35,000.00
Appropriation for support, chapter 244, section 1, laws of 33rd G. A.....	22,000.00
Appropriation for support, chapter 244, section 1, laws of 33rd G. A.....	6,250.00
Appropriation for support, chapter 200, section 1, laws of 34th G. A.....	25,000.00
Appropriation for support, chapter 200, section 1, laws of 34th G. A.....	98,200.00
Tuitions—College of Liberal Arts.....	18,116.00
Tuitions—College of Applied Science.....	3,001.75
Tuitions—College of Law.....	10,221.30
Tuitions—College of Medicine.....	5,306.50
Tuitions—College of Homeopathic Medicine.....	775.25
Tuitions—College of Dentistry.....	8,327.25
Tuitions—College of Pharmacy.....	2,305.00
Tuitions—Graduate College.....	199.00
Tuitions—School of Music.....	6,866.25
Tuitions—Summer Session.....	985.00

Special Examination.....	135.00
Diploma Fees.....	4,287.00
Homeopathic Hospital Receipts.....	7,222.91
University Hospital Receipts.....	42,301.69
Ophthalmology and Otology Receipts.....	1,203.63
Dental Clinic Receipts.....	7,223.49
Law Loan Book Account Receipts.....	354.95
Engineering Testing Laboratory Receipts.....	17.65
Miscellaneous Cash Receipts.....	1,741.53
Permanent Fund Interest.....	11,167.04
Interest on Deposits.....	2,960.18

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$513,292.33
Balance, June 30, 1912.....	25,753.77
	<hr/>
	\$539,046.10 \$539,046.10

LIBRARY FUND.

Balance cash on hand, July 1, 1911.....	\$ 1,044.58
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RECEIPTS.

Appropriation—chapter 200, section 1, laws of 34th G. A.....	13,125.00
From Secretary.....	12.90

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 13,829.81
Balance, June 30, 1912.....	352.67
	<hr/>
	\$ 14,182.48 \$ 14,182.48

REPAIR AND CONTINGENT FUND.

Balance cash on hand, July 1, 1911.....	\$ 78.38
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RECEIPTS.

State appropriation—chapter 212, section 2, laws of 32d G. A.....	9,375.00
State appropriation—chapter 244, section 1, laws of 33rd G. A.....	9,375.00
State appropriation—chapter 200, section 1, laws of 34th G. A.....	5,000.00
From Secretary.....	830.28

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 21,950.71
Balance cash on hand, July 30, 1912.....	2,707.95
	<hr/>
	\$ 24,658.66 \$ 24,658.66

SECOND BIENNIAL REPORT

BUILDING TAX FUND.

Balance cash on hand, July 1, 1911.....\$ 5,873.97

RECEIPTS.

State appropriation—chapter 183, section 1, laws of
34th G. A..... 175,000.00
From Secretary..... 49.10

DISBURSEMENTS.

Warrants paid, July 1, 1911 to June 30, 1912.....	\$156,853.93
Balance cash on hand, July 1, 1912.....	24,069.14
	<hr/>
	\$180,923.07 \$180,923.07

EQUIPMENT NEW BUILDINGS FUND.

RECEIPTS.

State appropriation—chapter 200, section 2, laws of
34th G. A.....\$ 25,500.00

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 14,894.27
Balance cash on hand, June 30, 1912.....	10,605.73
	<hr/>
	\$ 25,500.00 \$ 25,500.00

EQUIPMENT LAW BUILDING, ETC., FUND.

Balance cash on hand, July 1, 1911.....\$ 3,166.14

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 2,649.65
Balance cash on hand, June 30, 1912.....	516.49
	<hr/>
	\$ 3,166.14 \$ 3,166.14

HEATING AND HYDRO PLANTS EQUIPMENT FUND.

Balance cash on hand, July 1, 1911.....\$ 1,440.58

RECEIPTS.

From Secretary..... 2.37

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 1,442.95
	<hr/>
	\$ 1,442.95 \$ 1,442.95

EQUIPMENT AND SUPPLIES FUND.

Balance cash on hand, July 1, 1911.....\$ 2,543.06

RECEIPTS.

State appropriation—chapter 200, section 2, laws of
34th G. A..... 7,500.00

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 9,622.35	
Balance cash on hand, June 30, 1912.....	420.71	
	<hr/>	<hr/>
	\$ 10,043.06	\$ 10,043.06

PAVING, SIDEWALKS AND CAMPUS FUND.

Balance cash on hand, July 1, 1911.....	\$ 10.90
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RECEIPTS.

State appropriation—chapter 200, section 2, laws of 34th G. A.....	5,000.00
From Secretary.....	102.00

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 5,259.62	
Overdrawn, June 30, 1912.....	146.72	
	<hr/>	<hr/>
	\$ 5,259.62	\$ 5,259.62

SPECIAL LAND FUND.

Balance cash on hand, July 1, 1911.....	\$ 1,688.19
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RECEIPTS.

State appropriation—chapter 200, section 2, laws of 34th G. A.....	20,000.00
From Secretary.....	1,316.00

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 21,283.92	
Balance cash on hand, June 30, 1912.....	1,720.27	
	<hr/>	<hr/>
	\$ 23,004.19	\$ 23,004.19

DONATED LAND FUND.

Overdrawn, July 1, 1911.....	\$ 287.63
------------------------------	-----------

RECEIPTS.

From Secretary.....	\$ 380.00	
Balance cash on hand, June 30, 1912.....	92.37	
	<hr/>	<hr/>
	\$ 380.00	\$ 380.00

MARK RANNEY MEMORIAL INTEREST FUND.

Balance cash on hand, July 1, 1911.....	\$ 2,097.79
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RECEIPTS.

From Secretary.....	3,996.52
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DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 3,600.56	
Balance cash on hand, June 30, 1912.....	2,493.75	
	<hr/>	<hr/>
	\$ 6,094.31	\$ 6,094.31

SECOND BIENNIAL REPORT

A. WHITNEY CARR FREE SCHOLARSHIP INTEREST FUND.

Balance cash on hand, July 1, 1911.....\$ 3,577.35

RECEIPTS.

From Secretary..... 2,510.40

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 2,745.00	
Balance cash on hand, June 30, 1912.....	3,342.75	
	<hr/>	<hr/>
	\$ 6,087.75	\$ 6,087.75

WAITE LOWRY GIFFORD MEMORIAL INTEREST FUND.

Balance cash on hand, July 1, 1911.....\$ 280.60

RECEIPTS.

From Secretary..... 401.00

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 461.01	
Balance cash on hand, June 30, 1912.....	220.59	
	<hr/>	<hr/>
	\$ 681.60	\$ 681.60

F. O. LOWDEN PRIZE INTEREST FUND.

Balance cash on hand, July 1, 1911.....\$ 393.75

RECEIPTS.

From Secretary..... 175.00

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 100.00	
Balance cash on hand, June 30, 1912.....	468.75	
	<hr/>	<hr/>
	\$ 568.75	\$ 568.75

WM. JENNINGS BRYAN PRIZE INTEREST FUND.

Balance cash on hand, July 1, 1911.....\$ 28.66

RECEIPTS.

From Secretary..... 12.50

DISBURSEMENTS.

Warrants paid, July 1, 1911, to June 30, 1912.....	\$ 10.00	
Balance cash on hand, June 30, 1912.....	31.16	
	<hr/>	<hr/>
	\$ 41.16	\$ 41.16

CHARLES M. JESUP PRIZE FUND.

Balance cash on hand, July 1, 1911.....\$ 50.00

Balance cash on hand, June 30, 1912.....	\$ 50.00	
	<hr/>	<hr/>
	\$ 50.00	\$ 50.00

RECAPITULATION OF BALANCES.

Income Fund.....	\$ 25,753.77	
Library Fund.....	352.67	
Building Tax Fund.....	24,069.14	
Equipment New Buildings Fund.....	10,605.73	
Equipment Law Building, Etc., Fund.....	516.49	
Repair and Contingent Fund.....	2,707.95	
Equipment and Supplies Fund.....	420.71	
Special Land Fund.....	1,720.27	
Donated Land Fund.....	92.37	
A. Whitney Carr Scholarship Interest Fund.....	3,342.75	
F. O. Lowden Prize Interest Fund.....	468.75	
W. J. Bryan Prize Interest Fund.....	31.16	
Mark Ranney Memorial Interest Fund.....	2,493.75	
Gifford Memorial Interest Fund.....	220.59	
Charles M. Jesup Prize Fund.....	50.00	
	<u>\$ 72,846.10</u>	
OVERDRAWN.		
Paving and Sidewalks Fund.....	146.72	
	<u>\$ 72,699.38</u>	
LOAN FUNDS.		
Permanent Land Fund.....	\$ 5,500.36	
A. Whitney Carr Loan Fund.....	1,000.00	
Mark Ranney Loan Fund.....	3,461.67	
Gifford Loan Fund.....	737.08	
	<u>10,699.11</u>	
	<u>\$ 83,398.49</u>	
MORTGAGE LOANS.		
Permanent Land Fund.....	\$235,345.00	
A. Whitney Carr Fund.....	49,000.00	
W. J. Bryan Fund.....	250.00	
Mark Ranney Fund.....	67,975.00	
Gifford Fund	8,000.00	
	<u>360,570.00</u>	
F. O. Lowden Fund (25 shares of National Biscuit Company stock)	2,500.00	
	<u>\$446,468.49</u>	
<hr/>		
First National Bank, W. J. McChesney, Treasurer	\$ 72,699.38	
First National Bank, W. J. McChesney, Treasurer, Loan Funds	10,699.11	
Mortgage notes on hand.....	360,570.00	
25 shares stock in National Biscuit Company.....	2,500.00	
	<u>\$446,468.49</u>	

SECOND BIENNIAL REPORT

CAPITAL.

PERMANENT FUND.

By mortgage notes, June 30, 1911.....	\$226,925.00	
By cash balance, June 30, 1911.....	13,395.36	
By cash received for sale and rent of land, June 30, 1911	525.00	
To mortgage notes on hand, June 30, 1912.....	\$235,345.00	
To cash balance, June 30, 1912.....	5,500.36	
	<hr/>	
	\$240,845.36	\$240,845.36

A. WHITNEY CARR SCHOLARSHIP FUND.

By mortgage notes, June 30, 1911.....	\$ 50,000.00	
To mortgage notes on hand, June 30, 1912.....	\$ 49,000.00	
To cash balance, June 30, 1912.....	1,000.00	
	<hr/>	
	\$ 50,000.00	\$ 50,000.00

MARK RANNEY MEMORIAL FUND.

By mortgage notes, June 30, 1911.....	\$ 61,475.00	
By debenture bond, June 30, 1911.....	7,400.00	
By cash balance, June 30, 1911.....	2,561.67	
To mortgage notes on hand, June 30, 1912.....	\$ 67,975.00	
To cash balance, June 30, 1912.....	3,461.67	
	<hr/>	
	\$ 71,436.67	\$ 71,436.67

WAITE LOWRY GIFFORD MEMORIAL FUND.

By mortgage notes, June 30, 1911.....	\$ 8,000.00	
By cash balance, June 30, 1911.....	737.08	
To mortgage notes on hand, June 30, 1912.....	\$ 8,000.00	
To cash balance, June 30, 1912.....	737.08	
	<hr/>	
	\$ 8,737.08	\$ 8,737.08

W. J. BRYAN PRIZE FUND.

By mortgage notes, June 30, 1911.....	\$ 250.00	
To mortgage note on hand, June 30, 1912.....	\$ 250.00	
	<hr/>	
	\$ 250.00	\$ 250.00

FRANK O. LOWDEN PRIZE FUND.

By 25 shares preferred stock in National Biscuit Company	\$ 2,500.00	
To 25 shares preferred stock in National Biscuit Company	\$ 2,500.00	
	<hr/>	
	\$ 2,500.00	\$ 2,500.00

During the year ending June 30, 1912, I have made new loans as listed below.

PERMANENT FUND.

No.		Amount	Value of Security
1093	Geo. O. Holbrook.....	\$ 7,500.00	\$ 19,000.00
1094	John D. Colony.....	4,800.00	16,391.25
1096	Philip Michel	5,800.00	11,950.00
1097	F. S. Webster.....	3,000.00	8,000.00
1103	Wm. Andrews	16,000.00	
1104	Jos. Wirtz	6,500.00	
		<hr/>	
		\$ 43,600.00	

A. WHITNEY CARR SCHOLARSHIP FUND.

C 32	W. H. C. Rogers.....	\$ 1,600.00
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MARK RANNEY MEMORIAL FUND.

R 32	John F. Gurnett.....	\$ 3,500.00
R 33	Josephine Remley	3,000.00
R 34	D. J. Berkey.....	4,000.00
R 35	Jacob Y. Stover.....	6,000.00
		<hr/>
		\$ 16,500.00

LIST OF MORTGAGE NOTES ON HAND, JUNE 30, 1912.

PERMANENT FUND.

No.		Amount	Interest paid to
725	Steph Bradley	\$ 400.00	January 1, 1912
830	John Kucheral	1,300.00	January 1, 1912
837	Rufus B. Sears.....	500.00	January 1, 1912
853	L. J. Conklin.....	1,300.00	January 1, 1912
869	W. P. Ten Elck.....	2,850.00	January 1, 1912
872	Harriet Black	1,000.00	January 1, 1912
878	N. B. Richey.....	4,000.00	January 1, 1912
886	Robert Graham	2,000.00	January 1, 1912
889	Elizabeth Butler	800.00	January 1, 1912
899	Elizabeth Dennis	500.00	January 1, 1912
931	Anthony Sibel	4,000.00	January 1, 1912
942	W. P. Ten Elck.....	1,000.00	January 1, 1912
962	D. W. Jones.....	1,350.00	January 1, 1912
964	J. F. Packard.....	1,600.00	January 1, 1912
977	James M. Fardice.....	1,200.00	January 1, 1912
982	John J. Edwards.....	2,000.00	January 1, 1912
987	L. J. Guengerich.....	1,500.00	January 1, 1912
1012	Gustav Eckardt	2,800.00	January 1, 1912
1019	Mrs. J. C. Tobin.....	2,300.00	January 1, 1912
1020	Alexander Grace	10,000.00	January 1, 1912
1023	A. D. Craig.....	3,000.00	January 1, 1912
1028	Jos. H. Miller.....	3,500.00	January 1, 1912

LIST OF MORTGAGE NOTES ON HAND, JUNE 30, 1912.—CONTINUED.

No.		Amount	Interest	paid to
1030	John H. Ford.....	2,000.00	January	1, 1912
1038	John H. Potter.....	1,350.00	January	1, 1912
1039	Joseph Lenocho.....	2,300.00	January	1, 1912
1040	Anthony Sibel.....	500.00	January	1, 1912
1044	Joseph L. Roberts.....	1,200.00	January	1, 1912
1049	William Herzberg.....	2,000.00	January	1, 1912
1051	Joseph Draker.....	1,650.00	January	1, 1912
1055	John W. Stoner.....	300.00	January	1, 1912
1063	Emily J. Jordan.....	1,600.00	January	1, 1912
1066	Inland Fuel Co.....	2,000.00	January	1, 1912
1067	John L. Edwards.....	1,500.00	January	1, 1912
1068	Wm. J. Hanson.....	8,000.00	January	1, 1912
1070	Jacob P. Miller.....	3,500.00	January	1, 1912
1073	W. J. Hanson.....	4,500.00	January	1, 1912
1074	George Rupener.....	6,500.00	March	1, 1912
1076	Frederick L. Zager.....	4,000.00	March	1, 1912
1078	D. M. Van Ness.....	4,000.00	January	1, 1912
1079	J. F. Winbom.....	5,000.00	March	1, 1912
1080	Albert Schmidt.....	3,100.00	January	1, 1912
1081	Lorin J. Conklin.....	350.00	January	1, 1912
1082	M. J. Giblin.....	10,000.00	May	1, 1911
1083	Katie C. McGuire.....	2,500.00	January	1, 1912
1084	C. E. Stewart.....	5,500.00	January	1, 1912
1085	E. A. Miller.....	6,000.00	January	1, 1912
1086	Samuel Lininger.....	6,000.00	March	1, 1912
1087	Stanley Marak.....	10,000.00	January	1, 1912
1088	Ann Mooney.....	5,000.00	January	1, 1912
1090	Edward Kinney.....	3,500.00	January	1, 1912
1091	Ralph Evans.....	11,000.00	January	1, 1912
1092	Edwin Hummer.....	6,500.00	January	1, 1912
1093	Geo. O. Holbrook.....	7,500.00	January	1, 1912
1094	John D. Colony.....	4,800.00	January	1, 1912
1095	Joseph Hoffman.....	1,800.00	No interest	matured
1096	Philip Michel.....	5,800.00	No interest	matured
1097	F. S. Webster.....	3,000.00	No interest	matured
1098	Frank Streb.....	3,300.00	No interest	matured
1099	D. J. Berkey.....	5,250.00	No interest	matured
1100	Jacob F. Wentz.....	5,000.00	No interest	matured
1101	Victor F. Schnoebelen.....	3,745.00	No interest	matured
1102	David B. Hochstettler.....	2,400.00	No interest	matured
1103	Wm. Andrews.....	16,000.00	No interest	matured
1104	Joseph Wirtz.....	6,500.00	No interest	matured

\$235,345.00

LIST OF MORTGAGE NOTES ON HAND, JUNE 30, 1912.—CONTINUED

A. WHITNEY CARR SCHOLARSHIP FUND.

No.		Amount	Interest paid to
C 2	Geo. R. Hall.....	\$ 2,000.00	January 1, 1912
C 3	Geo. R. Hall.....	2,400.00	January 1, 1912
C 6	Susana E. Wandling.....	1,500.00	January 1, 1912
C 10	Elizabeth Butler	3,500.00	January 1, 1912
C 15	Jacob Albright	1,400.00	January 1, 1912
C 18	John A. Wolf.....	3,500.00	January 1, 1912
C 24	L. L. Stutzman.....	2,250.00	January 1, 1912
C 26	Geo. Rupener	2,500.00	March 1, 1912
C 27	Lucy Hemsted	1,000.00	January 1, 1912
C 28	F. S. Webster.....	2,500.00	January 1, 1912
C 29	Lumley Tudor	7,500.00	January 1, 1912
C 30	George Rupener	1,650.00	March 1, 1912
C 31	Vincent R. Pelzer.....	9,300.00	No interest matured
C 32	W. H. C. Rogers.....	8,000.00	No interest matured
		<hr/>	
		\$ 49,000.00	

MARK RANNEY MEMORIAL FUND.

R 7	Wm. Nelson	\$ 575.00	April 6, 1912
R 17	J. A. Norhtrup.....	3,000.00	January 1, 1912
R 18	J. A. Northrup.....	3,000.00	January 1, 1912
R 20	Geo. L. Yoder.....	2,900.00	January 1, 1912
R 21	John Giblin	4,000.00	January 1, 1912
R 22	John Cash, Jr.....	7,500.00	January 1, 1912
R 23	Ed E. Hanson.....	12,500.00	January 1, 1912
R 24	Lumley Tudor	1,500.00	January 1, 1912
R 25	W. W. Frost.....	2,000.00	January 1, 1912
R 26	John E. Noone.....	14,500.00	January 1, 1912
R 32	John F. Gurnett.....	3,500.00	No interest matured
R 33	Josephine D. Remley.....	3,000.00	No interest matured
R 34	D. J. Berkey.....	4,000.00	No interest matured
R 35	Jacob Y. Stover.....	6,000.00	No interest matured
		<hr/>	
		\$ 67,975.00	

WAITE LOWRY GIFFORD MEMORIAL FUND.

1	N. Peterson	\$ 3,000.00	January 1, 1912
2	F. S. Webster.....	2,000.00	January 1, 1912
3	F. E. Gates.....	3,000.00	January 1, 1912
		<hr/>	
		\$ 8,000.00	

W. J. BRYAN PRIZE FUND.

1038	John H. Potter.....	\$ 250.00	January 1, 1912
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REPORT

OF THE REGISTRAR OF THE STATE UNIVERSITY OF IOWA FOR THE ACADEMIC YEARS 1910-11 AND 1911-12.

To the President of the University and the Iowa State Board of Education.

GENTLEMEN: I respectfully submit herewith the report of the Registrar of the University for the academic years 1910-1911 and 1911-1912.

It will be noted that the total attendance in each year was the same. I would call your attention to the fact that the incoming classes of the second year of the biennium were decidedly larger than the first year, indicating a real advance in attendance although the total number remained the same.

I would further draw your attention to the fact that during the last ten years the percentage of women in the College of Liberal Arts has increased at an average rate of one per cent each year, the total attendance of women in that college being now slightly above fifty per cent.

Under the head, Ages of Students, it will be noted that during the academic year 1911-12 there were forty-nine men and fifty-six women above thirty-five years of age, indicating that the courses offered are attracting not only men and women of the ordinary school age, but those more mature as well.

Under the head, Occupation of Parents, it will be noted that the list of occupations has been greatly condensed in order that comparison may more readily be made. The parents of six hundred seventy-five students are farmers, this being the largest number representing any single class, and constituting thirty-two per cent of the entire registration.

Respectfully submitted,

FOREST C. ENSIGN,
Registrar.

SUMMARY OF REGISTRATION 1910-1911.

ATTENDANCE BY COLLEGES.

	Men	Women	Total
The College of Liberal Arts*	585	552	1,137
The Graduate College*	114	117	231
The Summer School for Library Training	1	19	20
The College of Applied Science	180	0	180
The College of Law	210	1	211
The College of Medicine*	115	4	119
The Training School for Nurses	0	59	59
(College of Medicine)			
The College of Homeopathic Medicine	17	1	18
The Training School for Nurses	0	15	15
(College of Homeopathic Medicine)			
The College of Dentistry	142	3	145
The College of Pharmacy	42	1	43
The School of Music (affiliated)	18	64	82
Total, including duplicates	1,424	836	2,260
Duplicates†	128	42	170
Total, excluding duplicates	1,296	794	2,090
*These figures include students registered in the respective Colleges in the Summer Session only.			
†The duplicates are made up as follows:			
Students enrolled in more than one college or school in the regular year	116	41	157
Students enrolled in one college or school in the Summer Session and another during the regular year	12	1	13
Total	128	42	170

SUMMARY OF REGISTRATION 1911-1912.

ATTENDANCE BY COLLEGES.

	Men	Women	Total
The College of Liberal Arts	551	556	1,107
The College of Law	210	0	210
The College of Medicine	106	4	110
The Training School for Nurses	0	62	62
(College of Medicine)			
The College of Homeopathic Medicine	15	1	16
The Training School for Nurses	0	13	13
(College of Homeopathic Medicine)			
The College of Dentistry	149	3	152
The College of Pharmacy*	44	2	46
The Graduate College*	142	81	223
The College of Applied Science	165	0	165
The School of Music (affiliated)*	15	89	104
The Summer School for Library Training	0	22	22
Total	1,397	833	2,230
Duplicates†	102	38	140
Total, excluding duplicates	1,295	795	2,090
*These figures include students registered in the respective colleges in the Summer Session only.			
†The duplicates are made up as follows:			
Students enrolled in more than one college or school in the regular year	94	38	132
Students enrolled in one college or school in the Summer Session and another during the regular year	8	0	8
Total	102	38	140

SECOND BIENNIAL REPORT

STATISTICS FOR THE ACADEMIC YEAR 1910-1911.

DEGREES AND CERTIFICATES, 1910-1911.

	Men	Women	Total
Advanced Degrees:			
Doctor of Philosophy	3		3
Master of Arts	10	8	18
Master of Science	6	7	13
Civil Engineer	5		5
Pharmaceutical Chemist	2		2
Total	26	15	41
First Degrees:			
Bachelor of Arts	83	94	177
Bachelor of Science	4		4
Bachelor of Engineering	28		28
Bachelor of Laws	48		48
Doctor of Medicine	21		21
Doctor of Medicine (Homeopathic)	2	1	3
Doctor of Dental Surgery	44		44
Graduate in Pharmacy	11	1	12
Total	241	96	337
Certificates:			
Practitioner's Course in Pharmacy	3		3
Nurses Training School		10	10
Nurses Training School (Homeopathic)		4	4
School of Education	21	67	88
Internes (Homeopathic)	1	1	2
Total	25	82	107
Total number of degrees and certificates granted	292	193	485

RESIDENCE OF STUDENTS BY COUNTIES, 1910-11.

1910-1911—IOWA COUNTIES	L. A.		Law		Med.		Hom.		Dent.		Phar.		Grad.		Ap. Sci.	Music		N.	HN	Lib.		Tot.ex.dup	
	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	M.	W.	W.	W.	M.	W.	M.	W.
Adair	2	3	2										1		1	1						6	3
Adams	3	3											1									4	3
Allamakee	3	4	2		1				1					1	3		1					10	4
Appanoose	5	2							1					1	2							8	3
Audubon	3	1	1											1			1		1			3	3
Benton	4	1			3	1			1				2		4							13	2
Black Hawk	7	13	4		7				1				3		7		1	5				27	19
Boone	4	4	1														1	1				5	5
Bremer	3	2	1		1				1		1				1					1		8	3
Buchanan	3	5	1		1				4					1	1			2				10	8
Buena Vista	1	3	1		1				1					1				3				4	7
Butler	7	2	3		1				1						2			1				12	3
Calhoun	3	1	2						2								1					6	1
Carroll	6	3	1		2				1				1	1	1							11	4
Cass	2	3	2								1				1							5	3
Cedar	13	11	7						2				1	1	3	1	2					21	13
Cerro Gordo	3	6	3				2		1		1				1			1			1	10	8
Cherokee	4	8			1				5				1		2			1			1	12	10
Chickasaw	2	3							2				1	1	3							7	4
Clarke	2	1	2						2		1				1		1					6	2
Clay	9	3	4						2				1	1	2							14	4
Clayton	1	4	2		1													1				4	5
Clinton	6	6	4		1		1		1				1	1	1							15	7
Crawford	15	4	3		2				2				1	1			1					21	6
Dallas	9	8	2		1				1				1	1	1				1			13	10
Davis	2		1																			3	
Decatur	10	5	4						1				2	1	1	1		3				15	8
Delaware	2	2	1		3									5				2				5	9
Des Moines	4	6	2		1	1			2				2	1	1							12	7
Dickinson			2																			2	
Dubuque	5	5	4		1				3		3		2		4			1			1	19	7
Emmet	3		1		1		1			1					2							8	1
Fayette	3	8	3						1		1			2				1				8	11
Floyd	2	1	1						2									1				5	2
Franklin	2	4	2		1									2	2			1				5	7
Fremont	4	2	1						1					4								6	6
Greene	2	1	2		1				1		1											5	1
Grundy	5	3	2		1									1								7	4
Guthrie	4	6	3						1				2									9	6

RESIDENCE OF STUDENTS BY COUNTIES, 1910-11.—CONTINUED.

1910-1911—IOWA COUNTIES	L. A.		Law		Med.		Hom.		Dent.		Phar.		Grad.		A. P. Sci.	Music		N.	H. N.	Lib.		Tot. ex. dup	
	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.		M.	W.			M.	W.	M.	W.
Hamilton	1	4							1				2		1				1			3	4
Hancock	3																					5	1
Hardin	7	8	1		2				3				3				1	1				12	11
Harrison	4	1									2				1							7	1
Henry	7	3	1		3				1		1		1		2							14	3
Howard	2								1				1		1							5	
Humboldt	4	1	1		1				1				1		1							7	2
Ida	8	2	1		2										1	1		1				11	3
Iowa	15	8	1		1				1				2	2	2			2	1			21	13
Jackson	3	3	1		1				3		1		2		3		2					14	3
Jasper	4	1	2						2				1	1	1		1					10	3
Jefferson	4		3												3	1						8	
Johnson	85	157	24	1	17		4		12		10		24	33	25	6	29	4	1	1	1	188	216
Jones	2	5					1						3	2	4	1		1	2			10	10
Keokuk	7	9	1		2								2	2	2			2				13	13
Kossuth	8	1	1		1				1		1				1			1				11	3
Lee	6	2			3						2				4					1		15	3
Linn	14	9	4		3			1	5	2	1		4	2	7		1	4		1		36	19
Louisa	5	6	3						1						1		1					9	6
Lucas	4	5	1		1				1						2	1						8	5
Lyon	1														1							2	
Madison	1	4							1													2	4
Mahaska	1	4	1		2								2	1	2					1		8	6
Marion	2	1	1										1	1								3	1
Marshall	7	2	1		1		1							2	2							11	4
Mills		1							1				1	1								2	2
Mitchell	1	1			1										2							4	1
Monona	2	2	3						1		1			1								6	3
Monroe	2				1													1				2	1
Montgomery	4	3	1										1	1	2					1		7	5
Muscatine	11	9	4		2		1		1		1		1	1	3		3	1		1		21	14
O'Brien	10	1	1		1								1		1			1				12	2
Osceola	2																					2	
Page	4	1	1						1				3		1	3						13	1
Palo Alto	3	1	2		2																	6	1
Plymouth	3	5	3								1							1				7	6
Pocahontas	6	2	2								1		1		2			2				11	4
Polk	12	13	10		1		1						2	5	8		1	1		2		29	21
Pottawattamie	1	5	1						3				1		2		1					8	5

Poweshiek	3	8	2					5			1	3				1		10	12
Ringgold	3		1															4	7
Sac	2	7						1				1						4	18
Scott	6	14	7		3	1	1			3		2	4			1		22	8
Shelby	4				1						2	4						8	2
Sioux	13	3	2		1	1		1			2	1	2		2	1		20	7
Story	3	3	3					5		1							2	10	5
Tama	5	3	4		2		1	3			1	1	1	1		1		17	4
Taylor	1	5	1								1	1						2	6
Union	7	2	1										2					8	2
Van Buren	2	1	2								3	1			1			5	2
Wapello	3	5	3		2							1	2		1			9	7
Warren	2	1						1				2						2	3
Washington	11	10	3		2			6		1			1		2	1	2	23	13
Wayne	5	5	3		3			2			1		1		1			14	5
Webster	12	7	4					1			2	1	1		2	1		20	9
Winnebago	4	3	1									1	2					7	4
Winneshiek	3	2	1		1						4	1	3			1		12	3
Woodbury	9	9	4		6			2		1	1	3	5				1	26	13
Worth								1										1	
Wright	7	1	1										1			2		9	3

RESIDENCE OF STUDENTS, 1910-1911.

Other States and Foreign Countries	L. A.		Law		Med.		Hom.		Dent.		Phar.		Grad.		Ad. Sci.	Music		N.	HN	Lib.		Tot. ex. dup	
	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	M.	W.	W.	W.	M.	W.	M.	W.
Illinois	5	11	3		3				1		2		3	4	2		3	1			1	18	18
Minnesota	4	4			3				7		1		3	1	1	1	1	2				19	8
Missouri	6	4	2						2				2	2	2							13	6
Nebraska		1	1				3		3									1		3		7	5
S. Dakota	7	1	4		2				4		1		1		2							20	1
Other states	16	15	4		6				7		2		8	3	5		1	3		2		43	22
Foreign countries	8								6				1		4							16	

THE STATE UNIVERSITY OF IOWA, IOWA CITY.

AGES OF STUDENTS—1911-1912.	L. A.		Law		Med.		Hom.		Dent.		Phar.		Grad.		Ap. Sci.	Music		N.	HN	Lib.		Tot.ex.dup	
	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	M.	W.	W.	W.	M.	W.	M.	W.
Under 17																4	9					4	9
17	4	2													1		1					5	3
18	19	16							1		1				6							27	16
19	50	39	5						5		3	1			14		4	3	2			75	47
20	75	71	9		4				14		14				19	1	9	4		1		132	78
21	105	93	23		4		1		14		3		1	1	20	4	7	8	4			158	108
22	88	93	37		14		2		16	1	2		1	10	31	2	8	6	3	2		175	114
23	74	58	31		22		2		24		7		2	10	36	3	6	4	2			176	73
24	41	43	32		9	1	4	1	21		3		11	8	15	1	7	9		1		122	63
25	33	25	26	1	18		1		13		4		6	4	19		2	3		1		104	35
26	22	17	14		14	1	4		9				10	11		1	3	3	2	2		73	37
27	22	17	13		8	1			5		1		11	8	8	1		5		1		56	32
28	11	8	6		5		1		3	1	2		12	11	2		1	4	1	2		38	28
29	5	12	8		5				7		2		6	5				2				25	19
30	7	7	4		6		1		2				5	12	3		1	1				25	21
31	1	5			2				1				6	6	1		1	5				11	17
32	3	4	3		1	1			2				5	1		1	2	1				15	9
33	5	3	1		1				1				6	7	1				1			14	11
34	6	7							2				5		1		1			1		13	9
35	5	4											7	1						1		11	6
Over 35	9	28	3		2		1		2	1			20	22			2	1		1	7	37	59

THE STATE UNIVERSITY OF IOWA, IOWA CITY.

OCCUPATION OF PARENTS.	L. A.		Law		Med.		Hom.		Dent.		Phar.		Grad.		Ap. Sci.	Music		N.	HN	Lib.		Tot.ex.dup	
	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	M.	W.	W.	W.	M.	W.	M.	W.
Accountants, salesmen, managers.....	49	67	24		12		1		6		3		12	15	22		5	7	1		4	117	95
Agriculturists	221	170	82		41		7		51		13	1	50	35	55	5	17	30	8	1	3	469	250
Contractors, builders, architects	4	7	3						2				2	1	4		1	1			1	15	11
Manufacturers	9	7	2		2						2			1	6		2	1				18	11
Merchants	110	125	36	1	18	3	4		30		10		11	26	27	4	16	6			3	236	166
Professions—																							
Law, medicine, dentistry, ministry, engineer- ing, teaching	93	73	30		20	1	1	1	18	2	6		19	22	22	4	10	4	1		2	190	111
Other occupations—																							
Employers	10	11	7		4				1				2	2	4		3	2			3	24	20
Employees	79	75	25		17		4		30		6		10	13	36	5	8	7	4		2	197	105
No statistics	10	17	1		1				4	1	2		8	2	4		2	1	1		1	30	25

THE STATE UNIVERSITY OF IOWA, IOWA CITY.

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SECOND BIENNIAL REPORT

RELIGIOUS CENSUS—1910-1911.	L. A.		Law		Med.		Hom.		Dent.		Phar.		Grad.		Ap. Sci.	Music		N.	HN	Lib.		Tot. ex. dup	
	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	M.	W.	W.	W.	M.	W.	M.	W.
Baptist—																							
Membership	21	17	6		6		2		6	1	1		10	8	8		1	2	1			57	29
Preference	3	5	4		2				2						5		1			1		15	5
Catholic—																							
Membership	64	79	21		15		1		30		5		2	7	16	1	9	4			2	132	97
Preference	3		1						1		2				2							7	
Christian—																							
Membership	19	24	6		4		1		8		1		10	4	4	1	3	1	1		3	50	35
Preference	7	1	5		5				1					1	4			1				20	3
Congregational—																							
Membership	38	47	10		7		1		8		6		6	16	15	1	2	7	2		3	79	75
Preference	17	19	6		3				4				5	4	7	1		1				40	24
Episcopal—																							
Membership	15	24	10		2				3				1	2	8	2	8	1			2	36	35
Preference	1	9	6						1						1	1	3					9	10
Lutheran—																							
Membership	23	24	11		3	1	1		9		2		9	4	14		1	4	1			64	34
Preference	1	1	2		1		1								2							7	1
Methodist—																							
Membership	101	112	29	1	24	2	5		31		5		24	31	28	4	12	20	9		2	225	179
Preference	60	33	21		7		1		23		7		7	5	19	2	8	4			1	131	44
Presbyterian—																							
Membership	59	88	18		10				10	2	4		14	21	15	2	9	6			4	124	125
Preference	39	16	11		4				3		2		5	4	8	2	3	1				64	24
Unitarian—																							
Membership	4	5											1	1	1			1			1	6	8
Preference	8	5					1		1				1					1				11	6
Other organizations	46	17	14		8	1	1		4		2		12	4	11		1	5				86	25
Protestant preference	44	19	22		11		2	1	10		2	1	3	4	9	1	3		1		1	101	27
No statistics	12	7	7		3				2		2		4	1	3							32	8

STATISTICS FOR THE ACADEMIC YEAR 1911-1912.

DEGREES AND CERTIFICATES, 1911-1912	Men	Women	Total
Advanced Degrees—			
Doctor of Philosophy.....	7		7
Master of Arts.....	13	11	24
Master of Science.....	13	3	16
Civil Engineer.....	10		10
Mechanical Engineer.....	1		1
Total advanced degrees.....	44	14	58
First Degrees—			
Bachelor of Arts.....	82	114	196
Bachelor of Science.....	2		2
Bachelor of Engineering.....	36		36
Bachelor of Laws.....	41		41
Bachelor of Music.....		1	1
Doctor of Medicine.....	32	2	34
Doctor of Medicine (Homeop.).....	6		6
Doctor of Dental Surgery.....	33		33
Graduate in Pharmacy.....	12		12
Total first degrees.....	244	117	361
Certificates—			
Nurses' Training School.....		16	16
Nurses' Training School (Homeop.).....		4	4
School of Education.....	9	77	86
Resident Physicians.....	4		4
Internes (Homeop.).....	2		2
Total certificates.....	15	97	112
Total number of degrees and certificates granted.....	303	228	531

THE STATE UNIVERSITY OF IOWA, IOWA CITY.

RESIDENCES—1911-1912—Continued.

COUNTIES	L. A.		Law	Med.		Hom.		Dent.		Phar.		Grad.		ApSc	Music		N.	HN	Lib.	Total Ex. Dup.	
	M.	W.	M.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	M.	W.	W.	W.	W.	M.	W.
Taylor	1	3											1							1	4
Union	4	2	1									1	2	1						7	4
Van Buren	3	1						1												6	1
Wapello	3	3	1	1									1	1						6	4
Warren	1																			1	
Washington	7	13	6	1				6				2		1		3	2			20	17
Wayne	4	4	1	1				1				1		1		1	1			9	6
Webster	10	9	7					2				1		1		1	1		1	19	12
Winnebago	4	2							1					2						6	5
Winneshiek		2	1	1				1						2			2			5	4
Woodbury	9	14	4	4						1		2		4		1	2	3		24	20
Worth	1																			4	
Wright	10		1	1				1									1			11	1
STATES																					
Illinois	6	8		1				1		1		6		6		2	3	5		21	17
Minnesota	1	5	1	3		1		9		2		5					2			22	7
Missouri	5	2	2					2		2		1								12	3
Nebraska		2				3		2				1	1				1			6	4
So. Dakota	3	4	2	1				4		1	1			3				1		13	6
Other states	2	7	4	6				8		1		11	4	4	2	1	4	2		43	17
Foreign countries	1	1		3				5		1		2		3						19	1

THE STATE UNIVERSITY OF IOWA, IOWA CITY.

AGES—1911-1912.		L. A.		Law		Med.		Hom.		Dent.		Phar.		Grad.		Ap Sc		Music		N.		Lib.		Total Ex. Dup.	
		M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.
17 and under	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	2	5	14	1	1	1	1	1	9	15
18	18	26	26	5	1	1	1	1	1	2	1	2	1	1	1	5	1	4	1	1	1	1	1	28	30
19	49	39	39	1	1	1	1	1	1	1	1	1	1	1	1	15	1	9	1	1	1	1	1	72	45
20	86	76	76	9	1	1	1	1	1	21	1	9	1	1	1	29	1	7	1	7	1	2	1	169	90
21	92	89	89	24	1	1	1	1	1	25	1	6	1	1	1	22	1	13	1	5	1	1	1	164	103
22	93	93	93	38	1	1	1	1	1	33	1	10	1	1	1	18	3	9	3	8	1	1	1	175	113
23	65	76	76	41	1	1	1	1	1	17	1	7	1	1	1	22	1	6	1	10	1	1	1	157	97
24	62	31	31	21	1	1	1	1	1	21	1	1	1	1	1	22	3	6	6	6	1	1	1	125	51
25	25	23	23	27	1	1	1	1	1	12	1	1	1	1	1	10	1	3	3	7	1	1	1	84	35
26	17	23	23	13	1	1	1	1	1	8	1	2	1	1	1	8	1	1	1	2	1	1	1	63	34
27	12	20	20	7	1	1	1	1	1	4	1	1	1	1	1	7	1	5	1	2	1	1	1	65	28
28	10	10	10	11	1	1	1	1	1	6	1	1	1	1	1	3	1	1	1	2	1	1	1	49	23
29	7	10	10	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	30	8
30	4	4	4	3	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	15	9
31	2	5	5	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	17	9
32	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	11
33	1	6	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	10
34	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	7
35 and more	12	18	18	2	1	1	1	1	1	2	1	2	1	1	1	1	1	4	1	1	1	1	1	40	56

THE STATE UNIVERSITY OF IOWA, IOWA CITY.

OCCUPATIONS OF PARENTS.	L. A.		L.		Med.		Hom.		Dent.		Phar.		Grad.		Ap. Sci.	Music		N.	H N	Lib	Tot. ex. dup	
	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.		M.	W.	W.	W.	W.	M.	W.
Accountants, salesmen, managers	60	81	24	13			3		13		6		12	6	22		10	8		4	144	103
Agriculturists	192	185	69	36	1	6			42	1	14		44	19	42	4	20	31	9	2	413	262
Contractors, builders, architects	5	9	3						4				1	8	2		3	1	1	1	15	17
Manufacturers	6	7	3	1					2				1		3		1	1			15	9
Merchants	102	117	49	17	2	1			32		9		18	19	32	5	23	7		1	250	154
Professions— Law, medicine, dentistry, ministry, engineering, teach- ing	91	63	35	26	1	2	1		12	1	2	1	27	13	17	4	17	4		3	192	97
Other occupations— Employers	9	9	7	4					4		1		1	5	6	1	4	1		1	32	19
Employees	76	72	18	8		3			36		11	1	24	10	37	1	10	7	2	8	200	108
No statistics	10	13	2	1					4	1	1		14	6	4		1	2	1	2	34	26

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RELIGIOUS CENSUS 1911-1912.	L. A.		L.	Med.		Hom.		Dent.		Phar.		Grad.		Ad. Sci.	Music		N.	HN	Li.	Total Ex. Dup.	
	M.	W.	M.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	M.	W.	W.	W.	W.	M.	W.
Baptist—																					
Membership	19	19	5	4		1		7	1			7	3	4		2	2		2	44	29
Preference	6	1	4	1				3						5		1				17	1
Catholic—																					
Membership	53	81	31	10		1		24				1	6	14	1	8	4		3	129	100
Preference	5	1	2	1						1				1						7	1
Christian—																					
Membership	19	29	6	4		1		5		2	1	6	4	6		5	2	1	1	45	41
Preference	8	1	3	4				3						2		1	1	1		19	4
Congregational—																					
Membership	40	50	10	5		2		6		2		15	7	10		10	5	1	4	83	73
Preference	18	18	4	3				2				2	1	6	1	1	1		2	34	23
Episcopal—																					
Membership	16	17	11	1				1				2	4	5	1	7	3			23	21
Preference	2	5	4					1		1				1	1	4	1		1	10	10
Lutheran—																					
Membership	19	21	10	3	1	2		6		8		9	2	12	5	1	7	1		68	51
Preference	1	3	1	1		1				1		1			1					6	3
Methodist—																					
Membership	98	119	23	26	2	4		33		7		22	20	30	4	19	20	7	3	242	178
Preference	56	32	19	9		1		17		9		4	3	11		9	5			117	47
Presbyterian—																					
Membership	55	86	23	7				13	1	4	1	25	19	17		10	4		2	136	118
Preference	31	20	13	8				7				5	3	7		4	1			61	33
Unitarian—																					
Membership	4	6	1	1				1				3		1			1			9	7
Preference	5	4		1		1		1				4	1	1						13	5
Other organizations	42	20	9	7	1		1	5		1		15	6	16		3	5	1	2	88	35
Protestant preference	44	17	22	7		1		12	1	4		5		11	1	4		1	2	100	36
No statistics	12	7	2	3				2		1		6	1	5						34	8

BIENNIAL REPORT
OF THE
Iowa State College of Agriculture
AND
Mechanic Arts

For the Term Beginning July 1, 1910

AND
Ending June 30, 1912.

-
- I. Report of the Acting President.
 - II. Report of the Secretary.
 - III. Report of the Treasurer.
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LETTER OF TRANSMITTAL.

To the Board of Education, State of Iowa.

GENTLEMEN: I am herewith submitting to you biennial report for the Iowa State College of Agriculture and Mechanic Arts covering the period from July 1, 1910, to June 30, 1912.

Respectfully submitted,

E. W. STANTON,
Acting President.

October 15, 1912.

IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS.
REPORT OF ACTING PRESIDENT STANTON.

To the Board of Education:

The College is in a prosperous condition. This is evidenced

1. By the increase in attendance. Notwithstanding the discontinuance of the one year academic course with its enrollment of 219 students, the total attendance has increased during the biennium from 1,769 to 1,932. The indications promise a large increase during the coming year. (See foot note.) Practically 400 students have been added to the four-year courses. The Freshman class has increased from 498 to 679. As this increase becomes effective in the higher classes, it will mean a much larger total enrollment. These figures indicate a most remarkable growth.

2. By a decided improvement in the student spirit resulting in the abolition of hazing; the amicable settlement of the fraternity question on the basis of high scholastic standards; the success of the campaign for a pathless campus; the wholesome moral atmosphere which characterizes the institution; and such careful attention to the work of class room and laboratory as has brought the average grade of more than 90 per cent of the student body above the 82.5 per cent required for admission to our fraternities.

3. By the completion and equipment of an \$80,000 Domestic Technology building, second to none in the Middle West; and by the organization of the department upon such a basis that it has nearly doubled its enrollment in the last two years.

4. By the erection of a model Veterinary plant, thoroughly equipped in all its departments, and with a competent and enthusiastic Veterinary faculty. The buildings and equipment are valued at \$175,000.

5. By the progress made in the construction of a modern Gymnasium, suited to present demands for physical education, which, when completed and equipped, will cost \$160,000.

6. By the erection of a new Judging Pavilion for the Agronomy and Animal Husbandry departments.

7. By the inauguration of a systematic plan for the improvement of the roads and walks upon the campus.

8. By the successful establishment of a non-collegiate two-year course in Agriculture, which is furnishing to those who come directly from the grades, or the country school, and who have neither the time nor means to take a college course, an opportunity to learn something of the practical side of farm management, and of the best way of handling the problems connected therewith. This work is in the hands of an able body of instructors; its students have the use of the extensive college equipment;

NOTE.—The attendance in September, 1912, reached 2,141. The freshman enrollment was 839.

its enrollment has shown a good, wholesome growth until it now exceeds 200; and there is every indication that a still larger number will in the future take advantage of the opportunities it offers.

9. By the utilization of the college plant and the college instructing force in the conduct of a summer session. It has long been the opinion of the college authorities that the costly investment at Ames should be made to do service during the entire year. An urgent demand has arisen in our public schools for teachers who can give instruction in Agriculture, Manual Training or Household Economics. Many of those who would like to answer to this call have already had normal school training. They want knowledge of the subject matter. They can get this at Ames better than anywhere else. We have the equipment and the trained instructors. The two weeks course offered in 1911 was attended by 96 students. The six weeks course of 1912 had an enrollment of 127. This is but a beginning. As industrial work is introduced into the public schools and the summer session becomes better known, the attendance will increase and this work become a valuable part of the service which the College is able to render the State.

10. By the addition to the Agricultural Division of the department of Agricultural Education. This brings in a new collegiate, four-year course of study. The problem of the introduction of Agriculture into the high schools of the state can be solved only through the proper training, in college, of men who will devote themselves to this work. Their knowledge of the subject matter must be far more complete than that which can be acquired in a short course or summer session. They must also be trained in the principles and methods of teaching. The college has already furnished to the high schools of this and other states, men who have been remarkably successful as instructors in Agriculture. It has a good foothold in this important field. The work is certain to develop into large proportions, and the institution is wise in choosing to be a leader in this line of educational development. It is a decided step forward.

11. By the strengthening of all the educational departments of the College through increase of the teaching force, and through large additions to department equipment.

The Board of Education is to be congratulated because of the fact that in no other equal period of time in its history has the College made greater advancement. It has put itself in close and helpful touch with the industries of the State. It has shown its power of growth. It needs but the fostering care of your honorable body and of the people of Iowa to make it a still greater force in upbuilding the industrial life of the State, on the farm and in shop and home.

EDUCATIONAL SUPPORT FUND.

The Legislative budget submitted to your honorable body two years ago called for an increased annual appropriation of \$89,000 from the State to our educational support fund. It was deemed wise to ask for only \$50,000. This increase was voted by the Legislature and brought the support fund income up to the following:

From National Government	\$ 85,000.00
From State (General support)	245,000.00
From State (Library)	4,900.00
Tuition, from students outside of the State.....	8,000.00
Interest on bank balances.....	3,000.00
Total	<u>\$345,900.00</u>

It has been a difficult task to adjust the permanent expense budget to this amount. It has always been the policy of the institution to keep its expenditures within its income and to limit its fixed charges to the fund, which it knows of a certainty will be available in the future. To do this during the past two years has required the utmost economy in department management, and the strict limiting of salaries. Our rapid growth has necessitated the employment of additional instructors and an increase in department expense. In order to meet the higher cost of living, a somewhat general but moderate advance was made in salaries during the first year of the biennial period; and, in order to protect ourselves from the competition of other institutions, we have been forced to increase a few salaries here and there, during the past year. We have not been able, however, to put our salary list on a par with that of other state colleges and universities of similar rank, nor have we been able to grant to the different departments funds sufficient to carry on their other work with anything like maximum efficiency. Knowing the condition of the finances, the heads of departments united in reducing their askings to a most conservative basis; but, in presenting the budget for your final action, an additional cut of \$23,000 was found necessary. The College faces a most serious situation in the matter of this fund which maintains its collegiate educational work. If it would retain its present high rank among schools of technology, it must do these three things:

First, it must pay to the professors and instructors in its technical departments such salaries as will retain the services of those most capable, even against the strenuous competition of other institutions and outside commercial enterprises.

Second, it must maintain its general departments upon a collegiate basis. To do this it must furnish them with a sufficient instructing force and pay reasonable salaries. The present force is overworked and underpaid. The heavy schedule of the class room, together with theme reading and examination papers, presses too hard upon their time and nervous energy. They should be able to meet students outside the class room for personal conference, and they should have a little leisure for recuperation and individual improvement. Their salaries should at least equal those paid in the best high schools. The work they do is vital to the scholarship of the institution. It should be organized upon the basis of highest efficiency, even if it should require a decided increase in the support fund.

Third. The appropriation for the current expenses of the departments should keep pace with the increase in student attendance, and, in addition, provide for a natural expansion of departmental work.

To accomplish these three things, an increase of at least \$25,000 in the annual educational support fund will be necessary.

The following shows how the ranks of the instructing force have been invaded during the period from July 1, 1910 to June 30, 1912:

RESIGNATIONS—PROFESSORS.

1910.

G. T. Guthrie, Professor of Dairying.
I. G. McBeth, Professor of Soils Bacteriology.
R. E. Roudebush, Professor of Mechanical Engineering.

1911.

C. B. Stanton, Associate Professor of Railway Engineering.
J. K. Barker, Assistant Professor of Soils.
Harry B. Potter, Assistant Professor of Farm Crops.
E. W. Hamilton, Assistant Professor of Agricultural Engineering.
H. W. Gray, Assistant Professor of Civil Engineering.
Virgilia Purmort, Professor of Home Economics.
R. R. Dykstra, Professor of Anatomy and Obstetrics.
William M. Barr, Associate Professor of Mining Engineering.
Sybil Lenter, Assistant Professor of Public Speaking.

1912.

P. G. Holden, Head of Agricultural Extension.
A. H. Snyder, Soils Lecturer, Agricultural Extension.

INSTRUCTORS.

1910.

E. B. Heaton, Extension Department.
Jesse McKeen, Assistant in Chemistry.
Orin L. Kipp, Assistant in Chemistry.
George Livingston, Instructor in Farm Crops.
A. L. Blezek, Instructor in English.
Margaret Forgeus, Library Cataloguer.
J. R. Campbell, Assistant in Botany.
Stella Hartzell, Assistant in Chemical Section.
C. V. Gregory, Bulletin Editor.
P. W. Crowley, Instructor in Dairying.

1911.

Thomas M. McCall, Assistant in Horticulture.
Charlotte Dryden, Instructor in Public Speaking.
H. F. Luick, Extension Lecturer in Dairying.
R. G. Jones, Instructor in Dairying.
Murl MacDonald, Assistant in Farm Crops.

1912.

Mellie M. Smith, Cataloguer Library.

R. A. Chitty, Instructor in Agronomy.

Theodore Macklin, Lecturer in Dairying, Extension.

Vera Dixon, Librarian.

OTHER SUPPORT FUNDS.

The State College is many sided, but its greatest work relates to the four-year collegiate courses. In them is centered the interest of nearly 1,800 of its students. Its other work is important. Its two-year course in agriculture, its extension department, and its experimentation in different lines are exceedingly valuable and worthy of most generous support. They are, however, in a sense, distinct from the collegiate work proper, and each one should be considered on its merits. In no case should the money for their support be taken from that which would otherwise go to the maintenance of the four year courses. The Agricultural Experiment Station, for instance, has rendered invaluable service to the state. Every dollar granted it has been returned many fold to the people of this commonwealth. Additional investment will pay equally high dividends. The legislature can well afford to make such investment without lessening, in the least, the appropriation asked for the collegiate departments. The same is true of extension and of the other work outside of collegiate instruction. Iowa is rich enough and generous enough to make an aggregate appropriation which shall provide for all that is worth while and not cripple any part thereof.

The increases in the annual support funds outside of the \$25,000 asked for the collegiate work can be summarized as follows:

Agricultural Extension	\$ 50,000.00
Sub-Collegiate Agricultural courses.....	12,500.00
Agricultural Experiment Station.....	50,000.00
Engineering Extension and Engineering Trade School	50,000.00
Veterinary investigation	10,000.00
Veterinary Practitioners courses.....	5,000.00
Engineering Experiment Station	5,000.00
Good Roads	10,000.00
Repair and Contingent fund additional.....	10,000.00
Emergency fund	30,000.00
Total	<u>\$232,500.00</u>

The arguments sustaining these summarized askings will be found in the reports of the several deans, or will be submitted to you later.

SPECIAL STATE APPROPRIATIONS.

The last legislature made the following special appropriations for the benefit of the College:

Additional department equipment, including pure bred stock and furnishing for Domestic Technology building, Gymnasium and Veterinary Hospital	\$ 75,000.00
Public grounds	13,500.00
Heating plant	43,000.00
Total	\$131,500.00

The plan of making the equipment appropriation in a lump sum and allowing the Board to direct its expenditure in such manner as to meet the most urgent needs of the various departments, has proven an excellent one. The Veterinary building and the Home Economics hall have been thoroughly equipped in a substantial but economical way; and provision has been made, in large part, for the equipment of the gymnasium. A fine start has also been made toward properly equipping the other departments. The following shows the purposes to which the fund has been devoted by the Board:

Purchase of pure bred stock.....	\$ 8,050.00
Domestic Technology building furnishings.....	4,584.25
Gymnasium, partly furnished	7,298.98
Veterinary Hospital furnishings.....	27,900.00
New mechanical laboratory equipment.....	5,370.00
Equipment for other departments.....	21,796.77
Total	\$ 75,000.00

This equipment fund should be continued during the next biennial period. Fully half of the amount will be needed in equipping the new buildings to be erected by the millage tax, while the balance will only partially meet the old askings left over from last year and the new askings growing out of the largely increased enrollment. The sums listed by the heads of the departments, exclusive of the equipment of the new buildings, total \$83,000.00.

The appropriation of \$13,500.00 for the improvement of the public grounds has enabled the College to erect a concrete bridge across College creek; to build a sidewalk from the central campus south to Boone street; to do considerable, much needed grading about the new buildings, and to devote nearly \$7,000 to the construction of a concrete road on the central campus in place of the old driveway. The cost of this road is estimated at \$1 per square yard. The Faculty Committee on Public Grounds are unanimous in urging that a sufficient amount be asked of the legislature to complete the main system of campus roads, and also to construct sidewalks to the principal buildings. The engineer of the State Highway Commission submits the following estimate of the work to be done, and the cost thereof:

10,000 lin. ft. of curb or curb and gutter, including grading and finishing along the sides of the roadway at 50c per lin. ft.....	\$ 5,000.00
15,000 sq. yds. of concrete pavement with bituminous top coating at \$1 per sq. yd.....	15,000.00
Grading, including the re-opening of the road north of the president's house to the new Music Hall, and changing of drive from Dairy Station to east gate, and opening new street between engineering labs.	4,000.00
New concrete bridge to replace present structure over College creek near the Dairy Station.....	2,500.00
Sidewalks, including one from Central Station to Central building, and also one from new Music Hall to east gate.....	2,750.00
5,000 lin. ft. in sub drain.....	750.00
Total	\$ 30,000.00

The \$43,000 appropriated by the last legislature for the extension of the Central Heating System has been devoted, as shown in the secretary's report, to installing, at the central station, coal and ash handling machinery, two 46 H. P. boilers, two chain grate stokers, and a water heater; and to constructing and equipping tunnels to the Veterinary buildings and the new gymnasium. While a central heating plant has economic advantages in conserving labor and fuel, its principal benefit to the College as proven by experience is that it removes entirely from the campus the dirt and smoke of the individual plants.

The erection of new buildings during the next two years will render necessary a further extension and improvement of the system. Superintendent Sloss estimates that \$50,000 will be needed for these purposes. The following are the items of his estimate:

1,400 ft. 6 ft. tunnel to new buildings.....	\$ 16,800.00
80 ft. extension to central heating plant tunnel for high pressure pipes	960.00
2-500 H. P. boilers.....	7,000.00
Stokers for same.....	3,425.00
Piping	1,200.00
Foundations and setting.....	2,500.00
Smoke stack	5,000.00
Coal hoppers	1,500.00
Ash conveyors	2,500.00
Terrill regulator	675.00
High tension wires and tunnel.....	3,000.00
New roof power house.....	3,000.00
Piping for tunnel connections central heating plant	2,440.00
	<hr/>
	\$ 50,000.00

With the growth of the College the supply of water called for by the daily consumption has increased to 300,000 gallons. The equipment is utterly inadequate for furnishing this amount. Superintendent Sloss and Dean Marston, of the engineering department, unite in the statement that a new well, deep well pump and pumping house are necessities. At present the continuance of the water supply depends almost entirely upon freedom from accident to one well and the deep well pump now in use. Another pump is in reserve on the artesian well, but it is entirely inadequate to supply the water being used. Dean Marston also states that a filter plant should be provided to remove the sediment from the water supply. Owing to the large amount of iron in the water, there is throughout the pipe system a very objectionable brown sediment which causes much complaint by users of the water. The cost of these improvements is estimated at \$5,000.00.

The College sewage disposal plant needs enlarging. Only a fraction of the present daily flow of sewage filters through the beds. There is danger of the creation of a nuisance which will injure the health of the community and lead to a claim for damages on the part of residents along Squaw creek below the outlet of the plant. Dean Marston estimates the cost of putting the filter beds in proper shape at \$5,000.00.

The following is a summary of the special appropriations which should be asked of the next General Assembly:

Additional department equipment, including furnishings for new chemical laboratory and other buildings to be erected during the coming biennial period	\$ 75,000.00
Public grounds improvement.....	15,000.00
Heating plant	50,000.00
Water works	5,000.00
Sewage disposal plant.....	5,000.00
Total special askings	\$150,000.00

THE SPECIAL BUILDING TAX.

A complete statement of the use to which this fund has been put during the last two years will be found in the secretary's report. It is estimated that after the improvements now under way, including the mechanical laboratory, are completed, there will be left of the fund collected in 1912 the sum of \$5,000. Collections under the new law will begin January 1, 1913, and continue during the next five years. The annual income will probably be in the neighborhood of \$150,000. The buildings authorized at present are:

Library	\$225,000.00
Additions to Margaret Hall.....	55,000.00
Poultry laboratory	7,000.00
Total	\$287,000.00

A new chemical laboratory, in the near future, would seem to be a necessity. The present building was barely adequate to accommodate the students in 1910 when the department enrollment was less than 600. It is now double that number.

Several small department buildings whose aggregate cost is estimated at about \$23,000 are sorely needed. The erection of some larger buildings for the divisions of agriculture and engineering can not be long delayed without seriously crippling important departmental interests. A list of these buildings will be presented in due time.

PHYSICAL EDUCATION.

The completion of the gymnasium will bring the College face to face with the problem of the proper organization of its physical training department. It may be organized separately from athletics, or combined therewith. The athletic committee of the faculty has made inquiry of the leading institutions of the country as to the policy favored by them. Of the forty colleges and universities responding, four favored separation and thirty-five combination, while one was undecided. The institutions favoring the policy of separation are: Purdue, Connecticut Wesleyan, Carlisle Indian School, and Virginia University. The thirty-five favoring the policy of combination include, among the eastern institutions, Harvard, Yale, Columbia, Princeton and the University of Pennsylvania; among the western universities, Chicago, Illinois, Michigan, Missouri, Ohio and Nebraska; and among the smaller schools, Amherst, Bates, Brown and Oberlin.

The combination plan is supported by the following considerations:

1. It is urged that the joint plan will help greatly to stimulate an interest in physical education work. Without such interest, physical training is of little or no value. The tendency of the day is toward out-door, instead of indoor exercise. Whenever the weather is favorable, students take to the field and engage in tennis, baseball, basketball, football, etc. These forms of exercise involve the play idea, and they enjoy them. They bring in competition, and that awakens interest. This interest spreads to the gymnasium exercises, which are regarded, in a sense, as preparatory to the outdoor sport. Today no form of physical education is considered complete unless it involves to some extent these outdoor games. They cannot well be separated from the inside work and put under different and unrelated authority. Economy, harmony and efficiency of administration seem to require that one set of men shall plan and direct both the gymnasium and field work.

2. If the department of physical education is organized in this way, it will necessarily be in partnership with athletics. The only remaining question will relate to the extent of the institution's control and responsibility. The weight of authority favors the plan of a close union.

At the meeting of the National Athletic Association held in December, 1910, the following resolution was adopted:

"It is the sense of the National Collegiate Athletic Association that coaching and training be confined to the regular members of the teaching

staff, employed by the governing board of the institution, for the full academic year; and further, that athletics be made a regular *department*, or, combined with physical education, constitute a regular department; and receive the same consideration; be given equal responsibility, and be held to the same accountability as any other department in the college or university."

The higher institutions of learning are practically a unit in favor of combination.

3. The local conditions at the College favor the combined plan. While only one man, Mr. Watson, has been paid a salary by the College, the other men employed by the athletic council have worked with him and together they have taken care of athletics and the small amount of physical training given by the College. Our young men are accustomed to this plan, and we have at hand competent instructors who have the confidence of the boys, and who will, in my judgment, insure the success of the policy of combination. If the departments are separated, we will need to secure a director and assistant, which can, of course, be done.

The deans of the College, and the faculty committee on athletics, at a joint meeting, went over the testimony gathered by the athletic committee, and by unanimous vote ordered the following entered of record:

"On completion of the new gymnasium, it will be important, and indeed absolutely necessary to the welfare of the College, that the work in physical education be reorganized on a permanent basis, and in line with the best college practice in America.

"On careful investigation of the experience and practice of other colleges, and of universities in all parts of the country, we find it to be the practically unanimous opinion of the authorities of the best colleges that college athletics can be properly controlled, moderated, established on a high plane, and made beneficial, only by placing them under the absolute control of the department of physical education, and co-ordinating athletics with hygiene and physical culture.

"Therefore, be it resolved by the deans and the faculty committee on athletics, that we unanimously recommend to the State Board of Education that the department of physical education of the Iowa State College be placed in full control of athletics and be held responsible therefore."

I myself, am convinced that the combined plan is the better. Athletics constitute a most important factor in college life. Rightly managed they can be made a helpful influence, determining codes of honor, teaching self-restraint, and forming a rallying center for college spirit. Uncontrolled, they can do much injury, and bring lasting discredit upon the institution.

I would go further than most of the institutions consulted. I would place all athletics under the department of physical education and I would not only hold the department accountable for their systematic regulation and restraint, but I would make it responsible for the creation of an atmosphere that would do away with gambling, drinking, rioting, and all other excesses liable to gather at the side lines. It is time for athletics

as a lawless excrescence on college life to go, and for what is legitimate and desirable to be put squarely under college management. In the matter of finances, I would limit the responsibility of the College to the payment of certain definite salaries and expenses.

The work of the different divisions of the college is set forth in the reports of the deans, which reports are incorporated into and made a part of this report.

SCIENCE DIVISION.

The president acts as dean of this division. As such, he comes into close touch with its work. That work and its relation to the college as a whole are liable to be misunderstood. There is a strong logical reason for the existence of such a division in a school of technology like the State College. There are certain scientific and general departments whose work is common to the technical divisions. English is such a department. It is hardly practicable to draw a line of division between Agricultural English and Engineering English. Economics is another such department. Its fundamental principles are the same whether applied to one industry or another. It would certainly be a doubtful policy in such a closely centered institution as this to build up a department of economics in each division of its work. Such a policy would mean useless duplication and the weakness that goes with the scattering of resources. Chemistry and the other great underlying sciences are in the same list. It is this group of common studies which constitutes what is called the science course at Ames. It is not a course in liberal arts. Its students cannot major in History, English, Modern Language, or any of the distinctly cultural studies. Instead they must major in a science and take 64 hours of science in order to graduate. The only advanced science work open to them is industrial in its character. It is these specialized scientists who have rendered highest service to agriculture and industry in general. The College has furnished a large number of these men to the world. They are the finest product of scientific industrial education, unless it be that the hand takes higher rank than the intellect.

The work of the instructing force in the departments grouped in the science division is of a high order. It represents careful preparation, untiring zeal, and a sympathetic interest in the student and his struggles. The work, however, is not so efficient as it would be if it had the encouragement of a more reasonable compensation and lessened hours under the nervous strain of the class room.

The work of the several departments of the division is thus summarized by the professors in charge.

Mathematics. The department has suffered from the tendency of high schools to lower the standard of mathematical instruction. An increasing number of students entering college are poorly grounded in a knowledge of fundamental principles. They have evidently been encouraged to look upon mathematics as of little value. At least, they have not been held to any thing like a mastery of the subjects studied. Entering college thus unprepared, they find the work exceedingly difficult, and naturally the per-

centage of demotions and failures is high. Both students and teachers however, have met these conditions with a good heart and much courage, and by far the larger number of those taking work in mathematics have eventually come to get a grip upon the subject. The total enrollment remains about the same, owing to the fact that mathematics have been made optional in the home economics course. The time given by instructors to classroom work ranges from nineteen to twenty-one hours, and the number of students per instructor from 77 to 105. The larger sections have an enrollment of from twenty-five to twenty-seven. To organize the department upon the basis of more written work, and a reasonable time for personal conference with students, would require at least two additional instructors.

Chemistry. The work of this department is so related to that of the College as a whole that growth in any division shows itself in an increased enrollment in the classes in chemistry. The following testifies to the remarkable expansion of department work in the last two years:

Enrollment in the fall term of 1910.....	585
Enrollment in the fall term of 1911.....	942
Enrollment in the fall term of 1912.....	1,220

The department has felt not only the effect of the total increased attendance of students in the College, but also the addition to its numbers resulting from the extension of its work. A semester's work has been added in both the agronomy and dairy courses, while five new elective subjects are offered in the agricultural division. An assistant professor and an instructor have been added to the teaching force, but further assistance is needed in this line. Despite the overcrowded condition of its laboratories the high character of its work has been maintained.

Botany. The work of this department may be divided into three lines as follows:

1. Instructional work.
2. Research work.
3. Experiment station work.

The Experiment Station work is reported more fully by Dr. Curtiss. This department has been ably assisted by Miss Charlotte M. King.

1. The instructional staff consists of J. N. Martin, Associate Professor of Morphology; A. L. Bakke, instructor in Physiology; Miss Ada Hayden, instructor in General Botany; and H. S. Doty, student assistant. Harriette Kellogg is Curator. Professor J. C. Cunningham, in charge of the Two Year work, is assisted by H. S. Coe. The Two Year work in Botany has been very gratifying. The interest manifested has been good. All of the instructors have ably assisted in the departmental work, especially in its unification and loyalty to the institution. The number of students has greatly increased during the biennial period. The following table shows the number enrolled:

Fall of 1910.....	240
Fall of 1911.....	567
Fall of 1912.....	650

In addition to the regular college lecture work and the ordinary routine office work, a great many engagements have been filled giving addresses

on the subject of "Weeds" at Farmers' Institutes, County Road Schools, Horticultural Societies, etc. Addresses were also made at scientific associations. During the summer vacation of 1912, a course of lectures on Ecology was given at the Lake Laboratory, Ohio State University.

2. *Research work.* A large number of scientific papers have been published by the staff in journals and academies on such topics as Delayed Germination, the Problem of Weeds in the West, Clover Pollination, An Ecological Study of a Prairie Province, and The Embryogeny of Some Weeds. A large volume on the Weeds of Iowa is ready for publication by the Iowa Geological Survey. A Manual of Poisonous Plants of 1,000 pages appeared in the fall of 1911. This has been most favorably received by the Veterinary and Medical professions, and has been highly commended by the botanical profession at home and abroad. "Weeds of the Farm and Garden" appeared in the spring of 1911. This, too, has been highly commended by the botanical and the agricultural press generally. Quite a number of additions have been made to the herbarium and the museum especially to show the geographical distribution of plants. Much of this material was collected by Dr. Pammel and the staff of the department.

Bacteriology.—Prior to 1910, Bacteriology was taught in connection with Botany. In the fall of that year it was made an independent department. During the two years since then, it has increased very rapidly in number of students, size of instructing force and scope of work. During this time the Soil and Dairy Bacteriology have been placed on a sound footing, and during the last year the same has been accomplished for the Veterinary Bacteriology. Dr. P. E. Brown is now Associate Professor of Soil Bacteriology, and Soil Bacteriologist for the Agricultural Experiment Station. The number of students in this work is yet small, but is increasing. It can be said without exaggeration that the Bacteriological work at this institution is better systematized and in better condition at the present time than in any other institution of like character in the country. One year ago the place of Professor John Gordon, who resigned his position as Assistant Professor of Dairy Bacteriology, was filled by Mr. B. W. Hammer, of the University of Wisconsin. During the past year, work in Dairy Bacteriology has been very considerably strengthened. Dr. Charles Murray, who for the last two years has been an instructor in the department of Bacteriology, has now been made Assistant Professor of Veterinary Bacteriology and Hygiene. One year ago a student assistantship was filled by Mr. E. S. Welles, and this year an additional student assistantship has been filled by Miss Anna Wolfe.

As already stated, the number of students in the department has increased very rapidly. When the laboratories were planned, it was thought that provision had been made for many years to come. Up to the time of the formation of the department there had never been more than twenty-five students in the courses in Bacteriology during a single semester. The laboratories were planned to accommodate a maximum of seventy-five students. This limit was reached two years ago, but the pressure of numbers was relieved somewhat by the removal of the teaching of Dairy Bacteriology and Soil Bacteriology to the Dairy and Agricultural buildings respectively. One year ago it was found necessary to increase con-

siderably the locker facilities, and the absolute maximum which the laboratories can accommodate at the present time is about 150 students. The rooms are so small that this number cannot well be increased in the future. In the fall of 1911 there were 165 students enrolled in those courses of Bacteriology in the Central building, and about 150 in the spring semester of 1912. The completion of the Veterinary building has enabled us to remove the work in Veterinary Bacteriology to one of these buildings so that it is not probable that more students will report during the coming year than can be accommodated. Within two years, however, additional accommodations must be provided. The increase in Freshman classes that as Juniors will be required to take courses in Bacteriology, will far exceed our facilities.

At the time of the creation of the department of Bacteriology, provision was made for men in Soil and Dairy Bacteriology, and it was believed that, later, provision should also be made for a man in Veterinary Bacteriology. As at present constituted, Dr. P. E. Brown is Associate Professor of Soil Bacteriology, and is a member both of the department of Soils and the department of Bacteriology. Mr. B. W. Hammer is Assistant Professor of Dairy Bacteriology, and is a member both of the department of Dairying and the department of Bacteriology. At the last meeting of the Board of Education, Dr. Charles Murray was made Assistant Professor of Veterinary Bacteriology and Hygiene, and will be a member of both the department of Bacteriology and the Division of Veterinary Medicine. This dual relationship of men has worked out very well during the past two years, and will be discussed in detail a little later.

During the past two years, the head of the department has published a text book on the subject of Bacteriology for the use of Veterinary students. This has been put out by the Saunders Publishing Company. At the present time he has in process of publication a text for the use of students in Domestic Science from the press of the Macmillan Company, and during the coming fall, 1912, a translation of *Klimmer Wolff-Eisner Handbuch der Serumtherapie und Serumdiagnostik in der Veterinarmedizin* will be completed and published by the Saunders Company. In addition to this, numerous papers published in scientific magazines and several bulletins have appeared from the pens of various members of the department.

The need of new quarters for the department of Bacteriology is especially urged at this time. The reasons for emphasizing this need for additional room are given below:

1. There is an insufficient amount of laboratory room in the present quarters of the Department of Bacteriology on the top floor of Central building. The laboratory, as has been noted above, was planned originally for seventy-five students. The absolute maximum at the present time is 150 students. This number has already been reached and within the next two years the number registered in Bacteriology will pass considerably beyond the 200 mark. The amount of laboratory work given in certain courses is less than should be required, but this cannot be increased at the present time on account of lack of laboratory space. The

media room is wholly inadequate, and results in considerable loss of time, consequently, in poor work. The dispensary is too small, and is not well located. The head of the department has no office in the Bacteriology rooms, simply desk room in one of the rooms of the department of Botany. In order to care properly for the students, it is evident that more room must soon be provided.

2. The departments of Bacteriology and Botany together have only one regular lecture room; and sometimes three or four classes are being held at the same time. This necessitates the use of rooms designed for laboratory, and consequent disturbance of the laboratory work. The removal of the department of Bacteriology from the building would permit needed expansion on the part of the department of Botany.

3. It would probably be possible to bring together into a single department the men engaged in Bacteriological work in the three other buildings on the campus. There are manifest advantages in such an arrangement. It would result in unification and co-ordination of the work given in Bacteriology in all of its phases. All of the men are essentially bacteriologists. It certainly is not desirable that they should be removed from the fields of practical work, and there is no reason why the relationships to other departments should be disturbed; that is, there is no reason why the man in Soil Bacteriology should not remain a member of the department of Soils as he is now a member of the department of Bacteriology. At the present time it is manifestly impossible for the head of the department of Bacteriology to be in intimate touch with the work, as it is being carried on in four widely separated buildings on the campus.

4. Very considerable savings could be made in decreasing the duplication of materials and apparatus at present necessitated by the separation of the laboratories. Microscopes that are not used at the present time during six months of the year, could be used to advantage during the entire school year. The larger pieces of apparatus and those which are most expensive could be used to much better advantage.

5. Considerable simplification could be effected in the instructional work as at present given. A single dispensing clerk, for example, could care for the needs of all men in the department. Supplies could be secured for a single department instead of for four as at the present time.

6. The library facilities of the department could be much better utilized. At present much time is lost by various members in the department going from one building to another after books which are needed for reference. It certainly is not advisable to duplicate a complete series of scientific journals.

Zoology—During the past two years the Zoological department has grown only in the number of students taking the work that was already inaugurated at the beginning of that period. For reasons to be stated below, expansion in the kinds of work done, urgently needed in some directions, has been impossible. The number of students has increased in the two years in the fall semester from 243 to 303; in the spring semester from 269 to 310.

The increase in the number of students has taxed our laboratory capacity to the utmost; indeed, we are now using rooms in the basement, which are utterly unsuited for laboratories. The crowding is so serious that the needed expansion of work referred to above is an absolute impossibility in our present quarters. The great need of the department, therefore, is a new building. Thinking only of the present and making no allowance for future expansion, it is evident that there will be needed in this building fully twice the floor space which is now available. The turning into laboratories of rooms intended for storage and museum purposes has necessitated the storing away of a good deal of demonstration and museum material in such a way that it is entirely inaccessible, and therefore at present useless. In the next two years a considerable increase will be needed in both the instructional fund and the current expense fund of the department.

English.—The following table shows the enrollment in English:

Year	Academic and Two-Year English	College English	Total
1910	220	660	880
1911	242	636	878
1912	221	826	1,047

Omitting the Two-Year English, and estimating the increase in the College English at 100 per year, we should have for 1913, 926 students, and for 1914, 1,026 students.

The two pressing needs of the department are for additional teachers and better salaries.

NEED OF ADDITIONAL TEACHERS.

The Hopkins Report on English Composition Teaching was based upon the opinion of over 1,000 teachers of English, and has since been discussed and approved by the Modern Language Association, the National Council of Teachers of English, the English sections of the National Educational Association, and also by many state associations. In this report the number of students per teacher in English, if proper efficiency in composition teaching is to be secured and maintained, is placed at 35, and the upper limit of proper assignment is placed at 60. In the fall of 1910, excluding myself, the eight teachers in the college department had an average of 90 students. Passing by 35 students per teacher, the number indicated for securing and maintaining proper efficiency and accepting 60, the upper limit of proper assignment, we should have in the college department for 926 students in 1913, 15 teachers and for 1,026 students in 1914, 17 teachers. That this advance would leave us still behind is shown by the fact that in several sister institutions no teacher has more than two sections in composition, and that the sections are limited to 20.

One method of showing that 60 students is all an English teacher should have is to point out that on the basis of the Hopkins report, verified by our experience here, the correcting of essays requires, or at least should have, one-half hour per week per student. To this should be added for personal consultation with each student one-fourth hour per week. These

two items would call for 45 hours per week in addition to the recitation time. With 90 students it is, of course, impossible for any teacher to give one-half hour per week per student to the correction of papers, and one-fourth hour per week to consultation. In other words, under present conditions, it is impossible to give adequate or efficient instruction in composition.

Another obstacle to the doing of good work is that with the pressure for time in correcting essays and consulting with students, the teachers have insufficient time to prepare for the recitations, which in college English is no small task. With few exceptions the principles taught can rarely be reduced to an exact rule which must always be followed; they are usually subject to modification, and therefore call for a trained judgment and an educated taste. The English teacher would not object to sixteen hours in the class room if this did not call for double or treble this time in correcting essays and consulting with students, thus leaving scant time or strength for adequate preparation, without which no self-respecting teacher is willing to face a class. Under present conditions it is not possible to do satisfactory work.

Two years ago I presented tables concerning the work and the salaries of teachers of English in Cornell and Yale, and the Universities of Nebraska, Kansas, Minnesota, Wisconsin, Michigan and Chicago, which showed:

1. That teachers of English in the Iowa State College teach about 50 per cent more hours per week than do teachers of English in the institutions mentioned.

2. That English teachers at the Iowa State College receive on an average nearly \$500 less per year than do English teachers in other state institutions in the Middle West.

To approximate the salaries paid in state institutions in the Middle West, the salaries of teachers now here should be increased as follows:

Name	Position	Length of service	Present salary	Recommended salary
A. B. Noble	Professor	15 years	\$2,700	\$3,000
W. R. Raymond	Associate professor	7 years	1,400	2,000
J. O. Bowman	Associate professor	3 years	1,200	1,600
Elizabeth Moore	Assistant professor	9 years	1,100	1,400
Dora C. Tompkins	Assistant professor	8 years	1,100	1,400
Julia R. Vault	Assistant professor	8 years	1,100	1,400
Jessie M. McLean	Assistant professor	4 years	1,000	1,200
Ruth B. Safford	Assistant professor	4 years	900	1,200
Maud A. Earhart	Instructor	1 year	800	1,000
Total salary for teachers now here				\$14,200
Five new men instructors at \$1,200				6,000
Total				\$20,200

This salary increase asked for is large, but there are three reasons for such increase, all of which should be considered:

First, provision for the increased enrollment; second, a reduction in the number of students per teacher; and third, a salary that will bring

us up to college grade. As we are now far behind in respect to salary and number of students per teacher, the situation calls for a large increase.

Modern Languages.—The department of Modern Languages includes French, German, and Spanish. German is the most prominent.

Pursuing its former policy, the department has promoted the study of the Languages primarily to serve the students in their technical work during the college course and after graduation. To this end their study has been directed, aside from the grammar, to scientific writings, the literature, and practice in speaking. The various interests have been amply provided for.

The department now occupies a place in the prescribed work of each Division of the College. Recently the Languages have been introduced for the first time into the outlined courses leading to the degrees in Home Economics, Horticulture and Forestry.

Students registered in each of the Languages during the past year, as follows:

German, 232; French, 67; Spanish, 59.

Economics.—During the past two years the teaching work in this department has grown substantially in quantity. Several new courses, such as Engineering, Economics and Economic Geography, have been added. A course has been added for the men in the two-year Agricultural department.

Research work: During the past two years Professor Brindley has published a notable work on the History of Taxation in Iowa, monographs on The Industrial Population of Iowa, and The History of Highway Legislation in Iowa.

Professor Hibbard spent considerable time on leave of absence in the United States Census Bureau preparing agricultural statistics for publication. He has written some six or eight magazine articles on such topics as "Land Tenure" and "What the Census Shows in Farming." He has also a monograph nearing completion on the "Public Land Policies of the United States."

Needs: The department needs substantial support in order to continue research work. It has been seriously handicapped in the past by lack of funds. Especial attention is called to the desirability of expansion in the field of agricultural economics. There are a great many rural problems needing attention. The department should have a large share in the rural surveys of the state, cooperating with the department of farm management. This will soon require the addition to the department of a man other than the one having charge of the teaching.

In consideration of these facts the department will need within the next two years an addition of the following items to its budget:

Research assistant.....	\$1,400
Incidental expenses.....	600

History and Psychology.—The department has developed to meet the needs of this institution. While it is not the purpose to give graduate work, it is regarded as essential to a liberal education of our technical

students to provide thorough courses in both these subjects. The work, instead of being merely academic in character, is planned to meet the needs of the student in his life work.

Courses are given in "The West in American History," "The History of American Political Institutions," "Iowa History," "The New Far East," and "Modern European History;" and in General Psychology, "Child Study and Adolescence," "Social Psychology," "The Psychology of Business," and "Animal Psychology."

The future development of the department will be the continuation of the present policy, which is to meet the needs of our technical students as our institution develops.

There are from three hundred and fifty to five hundred students in the *Public Speaking*.—This department has made substantial advancement during the past two years. The number of students enrolled in the department has increased materially, the increase in the past year's enrollment over that of the preceding year being one hundred and seventy-five. This is counting, of course, the total enrollment for the two semesters.

In oratory and debate the school has been at the top, it having won six out of the eight inter-collegiate debates during the past two years. In oratory our record has been even of a higher order, we having won the State Oratorical Contest (fifteen colleges competing) during both of the years just passed. In 1911 we won the inter-state oratorical contest (ten states competing), and in 1912, second place in the inter-state oratorical after having tied for first place with Michigan.

The Public Speaking department is receiving great consideration at the hands of the other departments. Certain courses have been introduced in connection with the Dairy, Horticultural and Engineering departments. This seems to show that there is an increasing appreciation of the value of public speaking in connection with the technical work of the College.

The Board of Education is cognizant of the excellent work being done by this department and its appreciation has been shown by the fact that the salaries of the entire teaching force of the department have been increased during the biennial period. Also one "student assistant" teacher has been added to give instruction to the students in the two-year agricultural course.

The object of the department is to correlate its work with the other work of the institution in such a way as to add to the power of its students and to advance the standard of the College.

Military.—The work in this department for the past two years has been carried on as successfully as was possible under existing conditions, and has been attended by a growth in interest on the part of the cadets.

The want of an armory has prevented drill work in the department during the months of December, January, February and most of March of each year. These months have been used as much as possible for giving theoretical instruction which has been of value, but too little time has remained for drills and practical application of theories taught.

The addition of gallery practice to our work has increased interest to a very marked degree and good must result from the use of our indoor range.

An armory building and an attached drill shed are greatly needed. These could be constructed for \$75,000 and would meet the needs of the department and furnish an assembly room for our college commencement exercises and for meetings calling for a large assembly room. The armory building proper should contain an armory for the care and protection of the rifles and equipment, an office, a recitation room, a property room, lockers and toilet room. The drill shed should be 80x240 feet in size, with solid wall eight feet high, and trussed roof, so as to avoid all posts in the construction; and it should be lighted and ventilated from the roof. The floor should be rammed dirt or some material which would not be too hard. With such a building the work could be carried on with marked success and interest.

Physical Culture.—The enrollment of girls from the freshman and sophomore classes taking the regular gymnasium work for the first semester 1910-11 was 65, for the second semester 1910-11, 67; for first semester 1911-12, 96, for second semester 1911-12, 75.

In the second semester 1910-11 there were twelve upper class girls taking work in the gymnasium making a total of 79, and in the second semester 1911-12 there were thirty girls taking special work in the gymnasium making a total of 105.

During the two semesters of 1910-11 there were enrolled in athletics, i.e., basket ball, field hockey and tennis, an average of 115 for each semester.

During the two semesters of 1911-12 there were enrolled in athletics an average of 140 for each semester.

In the past two years new courses have been offered, making eight courses now offered by the department, not including basket ball, field hockey and tennis. According to the new plans for the year just opening, all girls in freshmen and sophomore classes will be required to take some course, either regular or special. This will mean almost twice as many girls enrolled in this department.

The equipment of the department will be far from adequate both in matter of practice room, lockers and showers and in the number of tennis courts. The matter of locker rooms and showers is a serious one and demands attention.

Music.—The department is in a very flourishing and prosperous condition. It is in vital touch with the social and religious life of the college as it supplies the music for the daily chapel and the Sunday services, and through the two glee clubs, the student orchestra and individual students it contributes largely to the social life of the institution by giving concerts and recitals and furnishing music for the gatherings of the student body. Last year about 140 were enrolled in the department. Of this number 15 were college music students, some 65 were students following other courses and the remainder were music students not classified in the College. On January 5th, 1912, old Music Hall was burnt to the ground and the president's house, then unoccupied, was selected as temporary quarters; the old hospital building to the west of the old music hall has

been somewhat altered, kalsomined and painted and made the home of the department for this year. Consequently, there is an urgent need for a new building that will be adequate for the growing demands of the department.

Library.—The growth of this department has been satisfactory. The books purchased—technical and scientific in their character—are expensive, and the library allowance is not sufficient to permit a large number of additions.

For years the library lacked complete sets of Transactions of Societies, periodicals and reports of various kinds, but in the last two or three years an effort has been made to complete these sets and add new ones, with the result that most of the departments of the college have now fair working libraries. But while works of this character are essential to a well rounded library, it is also necessary in a technical and scientific library to provide current books and periodicals, and our funds do not permit an all round development.

There has been a most satisfactory increase in the number of library patrons, as both faculty and students are using the library more and more.

As our library building is too small to house our books, departmental libraries are being added each year, but this is an unsatisfactory solution of the problem.

The pressing need of the library is a good building. In addition to being too small and most inconvenient, the building in which our library is housed is a fire trap. Several fires have occurred in the building, and it is an unsafe place for a valuable collection of books. Moreover, many of our books are being ruined through a lack of proper facilities for caring for them. For instance, the only room available for our government documents is a dark, illy ventilated room, and the books are bound to be ruined unless they can be moved soon. There should be provided as soon as possible a well planned, fireproof building, suited to the present and future needs of the college.

The library should also be given an income of at least \$10,000 for books and periodicals.

The salaries of the library force should be increased, and at least one new assistant provided.

DIVISION OF AGRICULTURE.

The following statement by Dean Curtiss summarizes the work of that division and emphasizes its future needs.

The Division of Agriculture embraces three distinct lines of work:

- I. Educational or Instructional Work in Agriculture;
- II. Agricultural Experiment Station Work;
- III. Agricultural Extension Work.

It has been the policy in this institution for some years past to organize these three lines of work on a clean-cut, definite basis, with a number of experts devoting their time exclusively to one field. Thus, we have on our instructional staff men who do nothing but instructional work; on our station staff, men who devote their time entirely to in-

vestigation and research work, and on the extension staff, men who are employed exclusively in that field. Yet the work in the three lines is all coordinated under the heads of the respective departments, and, through them, under the Dean of Agriculture and Director of the Agricultural Experiment Station. This policy has been approved and commended by the Director of the United States Office of Experiment Stations, who serves in a similar capacity in supervising the work in agricultural education in the Land Grant Colleges. A number of the leading colleges are striving toward this policy as rapidly as their means will permit.

INSTRUCTIONAL WORK IN AGRICULTURE.

The growth in the Division of Agriculture has been remarkable during the past biennial period. The total enrollment in the institution two weeks after the opening of the present college year was 2,141. This included 203 two-year students and 36 unclassified music students not taking regular work, making the total enrollment of students in the collegiate courses in the institution 1,902. The total enrollment for the year ending in June, 1911, on the same basis, was 1,413 students, showing a total gain of 489.

COMPARATIVE STATEMENTS.

Total Enrollment.

Total number at the beginning of the present year.....	2,141
In two-year course in agriculture.....	203
Unclassified, in Music Department.....	36— 239
Total number college students enrolled during present year....	1,902
Total number collegiate students enrolled, 1910-1911.....	1,413
	<hr/>
Total gain in two years.....	489

Enrollment in Agricultural Division.

Total number enrolled at beginning of present year.....	1,316
In the two-year course.....	203
	<hr/>
Total number college students in Division of Agriculture.....	1,113
Total number college students in Division of Agriculture in year 1910-1911	673
	<hr/>
Total gain in Division of Agriculture in two years.....	440

It will be seen from the above tabulation that out of the total gain of 489 collegiate students in the institution during the past biennial period, 440 or 94 per cent are in the Division of Agriculture. If we make a similar calculation for the three-year period beginning with the year 1909-1910, and counting the Home Economics students in the Division of Agriculture, we find that there was no increase in the aggregate number of students outside of the Division of Agriculture for this period, but a

slight decrease. I have made the calculation on this basis for the purpose of emphasizing the demands made for increased support and facilities for instruction in the various lines of agricultural work.

Last year the enrollment in the Division of Agriculture increased 36 per cent over the previous year. This year the enrollment, at the beginning of the year, showed an increase of 30 per cent over last year. The increased enrollment that will come during the year will probably bring the present year's increase up to 35 or 40 per cent. It will be seen that at the present rate of growth the enrollment of students is more than doubling during every three-year period. We have entirely outgrown the facilities of nearly every department in the division. At the time it was planned and provided for by the legislature the new Agricultural Building was regarded as ample, and even generous, in its provision for the work, but the enrollment of agricultural students practically doubled while the building was in process of construction, and it has already doubled since the building was completed. The enrollment of Home Economics students has more than doubled during the present biennial period.

The collegiate instruction work of the Division of Agriculture embraces the following departments:

Animal Husbandry, including dairy stock and poultry;

Agronomy, including soils and farm crops;

Horticulture and Forestry;

Dairying;

Agricultural Engineering;

Agricultural Education; and

Home Economics.

Strong four-year courses of collegiate grade based upon standard university entrance requirements are maintained in each of these departments.

ANIMAL HUSBANDRY DEPARTMENT.

The Animal Husbandry Department is in immediate charge of Professor W. H. Pew. The faculty in that department consists of Professor Pew, four associate professors, one assistant professor, and one instructor. This is the largest department in the institution. Its work is well organized and the instruction given has attracted students from all parts of the United States and from many foreign countries.

The following are the courses of instruction offered and the number of students enrolled in each:

No. of Course	Subject of Course.	No. of Students
1	Market types of cattle and sheep.....	326
2	Market types of dairy cattle, horses and swine.....	249
3	Breed types of cattle and sheep.....	151
4	Breed types of dairy cattle, horses and swine.....	134
6	Advanced livestock judging.....	58
7	Herd book study.....	49
8	Animal breeding.....	86
9	Animal nutrition and packing house by-products.....	55
10	Thesis.....	60
11	Feeding and management of livestock.....	65
12	Feeding and management of livestock.....	71
13	Advanced work in beef production.....	49
14	Advanced work in pork production.....	49
15	Milk production.....	49
16	Advanced work in mutton and wool production.....	49
17	Advanced work in horse feeding.....	49
18	Breeding and judging dairy stock.....	22
19	Feeding dairy stock.....	14
20	Animal feeding.....	61
21	Principles of breeding.....	42
22	Animal husbandry seminar.....	112
23	Animal husbandry seminar.....	60
30	Poultry judging.....	158
31	Poultry management.....	4
32	Practice in poultry feeding and management.....	23
33	Incubator practice.....	27
34	Brooder practice.....	
35	Poultry research and.....	2
36	Experimentation.....	63
37	Poultry management.....	
38	Practice in poultry fattening.....	3
39	Poultry judging.....	3
40	Poultry seminar.....	4
42	Marketing of poultry products.....	
(Courses 38, 39, 40, 41 and 42 were given in 1910 for the first time.)		
Total number of students in regular classes.....		2,177
Winter short course.....		430
Post graduate students.....		5
Grand total.....		2,641

During the present biennial period this department has been provided with a new judging pavilion at a cost of about \$15,000. It is seriously handicapped by the lack of two other laboratory buildings: First—An abattoir laboratory providing facilities for slaughter and block tests and demonstrations, and for carrying results of Animal Husbandry nutrition investigations to their final and ultimate conclusion. No Animal Husbandry Department can be regarded as fully and satisfactorily equipped without a building of this character. Second—The poultry work included in the Department of Animal Husbandry has always been seriously handicapped by lack of facilities and by our inability to pay sufficient salary to retain capable men at the head of the work. We have been fortunate in securing recently Mr. George M. Turpin, a well qualified, capable man, to take charge of that work; and it is absolutely essential that a laboratory building for that department be provided to enable the work to be put upon a satisfactory basis. Students in the Poultry Department have had to do their work in sheds, out of doors, and in nooks and corners of other buildings wherever partial provision could be made for the work. No course of instruction in any institution can be satisfactorily maintained on this basis. The poultry industry of

this state is of large magnitude and outranks the poultry interests of all other states. It is worthy of stronger and better organization and equipment than we have been able to provide for it in this institution.

Agronomy Department. The Agronomy Department includes the work in Soils and Farm Crops, and the faculty consists of Professor W. H. Stevenson, head of the Agronomy Department; Professor Hughes, (Farm Crops); three assistant professors, and two instructors. This department renders immediate service to every man who owns and operates farm land in Iowa. This work supplements and strengthens the instruction in all of the agricultural courses and it is of vital relation to permanent and successful agriculture within the state. The Soil Physics and Farm Fertility laboratories in the Agricultural building are entirely inadequate for the present enrollment of students, and with the large incoming freshman class, the limitations will be even more marked next year and the year following. Following are the courses offered in Soils and Farm Crops and the number of students enrolled in each.

No. of Course	SOILS	No. of Students
	Subject of Course.	
1	Soil physics	112
2	Soil fertility	98
3	Research in soil physics	10
4	Research in soil fertility	8
5	Advanced soil fertility	81
7	Investigation of special soils	15
8	Soil bacteriology	19
11	Thesis	3
12	Thesis	8
13	Soil surveying and mapping	5
14	Advanced soil bacteriology	1
15	Advanced laboratory work in physics	5
16	Advanced laboratory work in soil fertility	1
17	Soils seminar	11
18	Soils seminar	5
Total in regular four-year classes		382

No. of Course	FARM CROPS	No. of Students
	Subject of Course.	
1	Corn growing and judging	326
2	Small grains	237
3	Corn and small grain judging	24
4*	Corn and small grain breeding	
8	Farm management	44
9	Research in farm crops	1
10	Advanced research in farm crops	7
12	Advanced study small grains	6
15	Thesis	7
17	Grasses, forage and fiber crops	51
18	Summer course—	
	1. Corn growing and judging	5
	2. Small grain	3
19	Farm crops seminar	6
20	Farm crops seminar	10
21	Special advanced judging	18
Total in regular four-year classes		737
Total enrollment in Agronomy courses		1,119

It will be absolutely necessary, during the coming biennial period, to provide for increased laboratory facilities for the Soil Physics and Farm Fertility work. This need will be presented, with similar needs for the Horticulture and Forestry and Bacteriology work. A large laboratory building providing facilities not only for immediate needs, but making some provision for future growth, should be provided for at this session of the legislature. Such a building will probably cost not less than \$100,000.

No suitable provision has yet been made for thorough instruction and investigation in the field of Farm Management. A knowledge of the business organization and administration of the farm is absolutely essential to economical and profitable returns.

Horticulture and Forestry Department. The faculty of the Horticulture and Forestry Department is composed of Professor Beach, two associate professors, one assistant professor, and one instructor. The work of this department has contributed in a marked degree to the efficiency and utility of the agricultural instruction in this institution. Investigations that have been conducted and that are now in progress indicate conclusively that the natural advantages and opportunities for commercial fruit-growing, as well as for supplying the domestic needs, have been greatly under-estimated in this state. Many citizens of Iowa have been induced to dispose of their holdings and invest in fruit lands in other regions more extensively exploited and advertised, when the same intelligent and thorough methods applied to fruit-raising in this state would have produced larger and more profitable returns.

The governmental policy of forestry preservation and cultivation that has been so long neglected in this country and that has been so destructive of the nation's natural resources has created a demand for a large number of scientific, well trained foresters. These men are employed at good salaries in various branches of the government work and as instructors and investigators in other institutions. The work appeals strongly to young men who have a liking for out-door life. If they cannot receive a good course of instruction in this institution they will naturally be obliged to go to other educational institutions outside the state. Following are the courses of instruction offered in Horticulture and Forestry and the number of students enrolled in each.

No. of Course	HORTICULTURE	No. of Students
	Subject of Course.	
2	Plant propagation	9
3	Orcharding	330
4	Plant breeding	27
8	Landscape gardening	183
9	Research work	3
10	Development of American horticulture	3
13	Thesis	8
28	Seminar	3
29	Seminar	36
30	Fruit judging	6
31	Landscape architecture	24
33	Truck gardening	5
34	Greenhouse management	4
35	Greenhouse management	9
36	Advanced pomology	11
37	Orchard practice	

No. of Course	FORESTRY Subject of Course.	No. of Students
1	Farm forestry	306
2	Sylviculture	14
3	Advanced sylviculture	14
4	Lumbering	7
5	Applied lumbering	11
6	Forest utilization	13
7	Forest mensuration	10
8	Forest mensuration	16
9	Forest management	6
10	Forest management and finance	11
11	Forest protection	8
12	Forest administration	7
13	Thesis	8
14	Wood technology	20
16	Camp technique	16
17	Forest development and policy	20
18	Forestry seminar (Junior)	16
19	Forestry seminar (Senior)	16
Total enrollment in Horticulture and Forestry (spring semester, 1912, and fall, 1912)		1,077

This department has suffered most seriously from the limitations of inadequate space and laboratory facilities. On account of these limitations the department has been obliged to abandon instruction in Plant Propagation to all students except those in the Horticultural course proper. This work is very essential to students in other courses of the Division of Agriculture. Unless additional facilities are provided immediately, other instruction offered by the department and vital to a proper system of training of agricultural students will have to be abandoned. In Farm Orchardling, for instance, we have a laboratory with a capacity of 36 students. The enrollment in this class during the fall semester of 1912 is 326. By making nine different sections and running the laboratory six days in the week we have been able to make partial but unsatisfactory provision for this class. In order to do so, however, we have had to take three other classes to a barn and give them their laboratory work in a place that was formerly used for the storage of farm implements and machinery. This room cannot be utilized at all except in mild weather.

Dairy Department. The Dairy Department of this institution has attained an enviable reputation for the thoroughness and practical value of its work. This department is in charge of Professor Mortensen, who, in addition to his scientific training, has had a number of years of practical experience in charge of one of the best commercial plants in the United States. The faculty consists of Professor Mortensen, two assistant professors and one instructor. Following are the courses of instruction offered and the number of students enrolled in each:

No. of Course	Subject of Course.	No. of Students
10	Domestic dairying	57
11	Cheese-making	33
12	Farm dairy	232
13	Milk testing and milk inspection	46
14	Advanced butter making	12
16	Technology of milk	11
17	Dairy bacteriology	11
19	Dairy seminar	10
20	Factory management	9
21	Preparation of ice cream and ices	15
23	Thesis	11
24	Fancy cheese-making	12
25	Advanced dairy bacteriology	8
26	Judging dairy products	14
27	Butter judging	17
28	Advanced butter judging	8
Total in regular four-year courses		506

In addition to the work now offered, provision should be made for instruction in commercial milk production. This is one of the most vital problems relating to the dairy industry. The matter of furnishing an adequate and wholesome supply of milk to our large cities has not yet been satisfactorily solved. The problem is one of constantly increasing importance and it has many complications. No branch of agriculture in Iowa has made more marked progress in recent years than dairying. Where modern, intelligent methods have been followed, it has brought profit to the dairy farm and restored fertility to impoverished soils. No branch of agriculture has a more direct relation to the maintenance of prosperous and successful rural life in the state than dairying. There is a constantly increasing demand for capable, well trained men at high salaries. To make provision for satisfactory instruction in commercial milk production will require an additional expenditure of about \$5,000.

Agricultural Engineering Department. The Agricultural Engineering Department is in charge of Professor J. B. Davidson. The remainder of the faculty consists of one associate professor, one assistant professor, and two instructors. This department is regarded as one of the strongest and most successful departments of agricultural engineering in the United States. It has grown fully one hundred per cent beyond the quarters originally provided for it. This growth has been partially provided for by expansion into the two lower floors of the old Agricultural building. The following are the courses of instruction offered and the number of students enrolled in each:

No. of Course	Subject of Course.	No. of Students
1	Shop work -----	245
2	Shop work -----	262
3	Farm blacksmithing and horseshoeing -----	24
4	Farm engineering -----	154
5	Farm machinery and farm motors -----	154
6	Rural architecture -----	19
9	Research -----	12
10	Research -----	12
12	Thesis -----	14
13	Gas and oil engines -----	82
14	Seminar -----	33
15	Seminar -----	
16	Farm machinery -----	28
17	Farm motors -----	41
18	Farm motors -----	12
19	Farm sanitation -----	32
20	Drainage and irrigation -----	10
21	Cement construction -----	6
22	Horticultural machinery -----	4
23	Dairy engineering -----	19
24	Farm structures -----	12
25	Technical lectures -----	49
Total number in regular four-year work -----		1,174

We ought to make provision at once for instruction and investigation in design and construction of farm buildings, or a course in rural architecture. This is a most important field and one that has been almost entirely ignored. The matter of economical construction, utility, sanitation, light and ventilation of farm structures has received comparatively little attention from the average architect whose training has been wholly along other lines. Much of the loss of livestock may be attributed to lack of proper attention to light, ventilation and sanitary conditions of farm buildings. The farm home has been, if anything, more sadly neglected than the farm barns and other buildings. A large percentage of farm homes are entirely without modern conveniences. This is a most important factor in the rural life problem of America that has recently been commanding so much attention.

The Department of Agricultural Engineering has never had adequate facilities for storing and operating large machinery. The largely increased enrollment of students has crowded this work out of the present building and it will be absolutely necessary to make provision for a suitable one-story building that will cost not less than \$10,000.

Agricultural Education. There are at present over 2,000 high schools and other schools of secondary grade giving instruction in agriculture. This number is increasing more rapidly than teachers can be supplied by our agricultural colleges. There is pending in congress legislation providing appropriations for extension work in agriculture, and federal aid to secondary education in agriculture. Some legislation along this line will undoubtedly be enacted in the near future. There is a widespread public sentiment in favor of providing agriculture and home economics instruction in public schools. The ultimate consummation of this plan is already assured. The demand for agricultural teachers for this class of schools is already overwhelming and the colleges will not be

able fully to meet that demand in many years to come. It is therefore especially urgent and important that strong departments of agricultural education be maintained in all of the agricultural colleges of the United States. Provision has been made for this work in this institution by the Board of Education during the present biennial period. Professor A. V. Storm, an unusually capable, well qualified man, was secured for the head of the department. It is a matter of extreme regret that temporarily the work of the department has been seriously hampered by our inability to retain the services of Professor Storm, who was offered a similar position in another state at a higher salary. We have not yet been able to secure a satisfactory man to fill this position. The following are the courses of instruction offered and the number of students enrolled in each course.

*No. of Course	Subject of Course.	No. of Students
Ag. Ed. 1	General principles of teaching-----	13
Ag. Ed. 2	General principles of teaching-----	15
Ag. Ed. 5	Educational history -----	
Ag. Ed. 6	Educational history -----	
Ag. Ed. 7	General methods -----	8
Ag. Ed. 8	Special methods -----	
(Above enrollment is for fall semester, 1912, only.)		

*The courses from other departments of the Division of Agriculture required for the work of the Agricultural Education Department are enumerated under the respective departments, together with the number of students enrolled.

The work of this department is of such a nature that it needs to be closely associated with the public school work of the state. There ought to be employed in the Department of Agricultural Education, several competent men who have good training and experience in educational work and who have a clear conception of the field of agricultural education.

Home Economics. At the beginning of the present biennial period the home economics work was transferred from the division of science to the division of agriculture. This was done on account of the close relation existing between agriculture and the home economics work. The faculty consists of Miss MacKay, professor, one associate professor, one assistant professor, and three instructors.

Home economics instruction has been established in nearly all of the agricultural colleges of the northern and western states. The experience of most institutions has been that the work has advanced best and been of the greatest service when organized in connection with the agricultural work of these colleges. This experience has been fully confirmed in this institution. The present enrollment in this course is 344. The enrollment has more than doubled during the present biennial period. Following are the courses offered and the number of students enrolled in each:

No. of Course	Subject of Course.	No. of Students
(Spring semester, 1912.)		
4	Sewing	150
44	Food preparation	43
51	Applied design	40
49	Cookery	27
10	Theory of teaching domestic science	26
12	History of Art	29
30	Food production	27
46	Food and Dietetics	27
47	Home Nursing	45
53	Interior Decoration	26
7	Dress making	30
42	Textiles and their care	42
52	Costume Design	
12	History of Art	31
35	Millinery	20

No. of Course	Subject of Course.	No. of Students
(Fall Semester, 1912)		
1	Sewing	170
41	Personal Sanitation and Hygiene	170
43	Food Preparation	109
37	Home Sanitation	109
50	Applied Design	109
48	Cookery	40
27	Household Accounts	80
45	Food and Dietetics	27
9	Theory of Teaching Domestic Science	27
11	History of Art	80
6	Dress Making	50
33	Advanced Dress Making	10
34	Advanced Course in Textiles	6
54	Textile Design	16
	Total enrollment	1,468

The new home economics laboratory has been completed during the present biennial period at a cost of about \$80,000, including equipment. This is regarded as one of the most complete and modern laboratory buildings in home economics that is to be found in any institution. It has very greatly stimulated and strengthened the work in that department, but the laboratories are already taxed to the limit and with the rapidly increasing enrollment it will be necessary to make provision for additional facilities for instruction in home economics work during the coming biennial period. This can probably best be done by carrying out the original plan of extending the east wing of the Woman's building and connecting it with the home economics laboratory. The demands which are at present being made upon the department will justify and necessitate this expenditure during the coming biennial period.

TWO-YEAR COURSES.

The two-year course in agriculture has proved to be a marked success. The present enrollment is 203. This will probably be increased at least fifty per cent during the coming biennial period. This course is serving

a purpose that cannot be met by any other school in the state. It is preparing young men, who would otherwise be entirely without college training along these lines, for practical and successful farm work. The work is already well organized; we have an excellent corps of instructors; the students enrolled in this course are unusually earnest and industrious; and it is apparent that they come to college with a serious purpose of getting the greatest possible benefit that can be obtained from a two-year course, offered under the prevailing conditions. The work of this course is of sub-collegiate grade. It is limited in age requirement to young men seventeen years of age or over who have not completed a high school course. Those who can meet the college entrance requirements are not eligible for this work. The entrance requirements to this course are eighth grade work or its equivalent. This permits farm boys to enter from good country schools. The institution is probably rendering no service that is more highly appreciated than the opportunity which is offered to these young men.

There is an equally urgent need for a two-year course in Home Economics. Such a course would be properly designated "The Home-Makers' Course." Its purpose would be to train young women for better service in the home. Like the two-year course in agriculture, it would reach a class of most worthy young people who are at present excluded from the advantages offered by the college. This work would naturally be closely associated with the two-year course in agriculture and it could be maintained in connection with that course at a minimum expense—probably not to exceed \$5,000 for the coming biennial period.

The laboratory work could be given in the Home Economics building during the forenoons when the laboratories cannot be used by the other students in Home Economics. The two-year course work ought by all means to be maintained in this institution until such time as adequate provision is made for instruction in Agriculture and Home Economics in the secondary schools of the state. As soon as that is done this institution can properly abandon that field to the secondary schools. The present appropriation of \$50,000 for the two-year work for the biennial period should be increased to \$65,000 to provide for expansion in agricultural work and for a similar course in Home Economics.

SALARIES.

I wish especially to urge the importance of making provision for sufficient increase in the support fund to pay satisfactory salaries to the strong men in our faculty and to secure the services of other strong men needed to strengthen our instructional staff. No educational institution ever attains high rank without being able to command and retain the services of men of outstanding ability in their respective lines of work. The institution that has its salary roll on an inadequate basis is constantly weakened and undermined by the loss of the more capable men from its faculty. Naturally, under this system, the strong men drop out and the weaker men remain. In agricultural work we are subjected not only to the competition of other institutions, but to the competition of the commercial field as well. This is largely true of all lines of technical work. As one

practical man expressed it recently, "A business concern does not look for men capable of earning salaries of from \$3,000 to \$5,000 in an institution where they have had their training under men capable of earning only \$1,000 to \$2,000."

The following information concerning salaries is from several of the leading institutions of adjoining states, some of which are already bidding for men in our faculty whom we cannot afford to lose. I submit herewith a summary of the salaries paid in these institutions:

University of Illinois:*

Deans	\$4,000 to \$6,000
Heads of Departments	* 3,000 to 5,000
Recent Graduates	900 to 1,500

University of Missouri:**

Deans	\$3,000 to \$3,500
Heads of Departments	2,200 to 3,000
Associate Professors	1,800 to 2,200
Assistant Professors	1,500 to 1,800
Instructors	1,000 to 1,500
Recent Graduates	900 to 1,000

University of Wisconsin:***

Deans	\$4,000 to \$5,000
Heads of Departments	3,000 to 4,000
Associate Professors	2,250 to 2,750
Assistant Professors	1,750 to 2,000
Instructors	1,000 to 1,500

University of Minnesota:****

Deans	\$4,000 to \$6,000
Heads of Departments	2,500 to 3,500
Assistant Professors	1,500 to 2,000
Instructors	1,000 to 1,500
Recent Graduates	900 to 1,500

*The deans of the Agricultural, Engineering and Graduate School receive \$6,000 each. The heads of departments of Agronomy, Animal Husbandry and Horticulture receive \$5,000 each.

**The Dean of Agriculture is furnished with house, heat, light and water.

***The Dean of Agriculture received \$5,000 and house.

****The Deans of Agriculture, Medicine and Law receive \$6,000 each; Engineering and Geology, \$5,000; others \$4,000.

AGRICULTURAL EXPERIMENT STATION WORK.

The Agricultural Experiment Station work now includes the following sections representing different lines of investigation:

Agronomy, including Soils and Farm Crops;
 Animal Husbandry, including dairy stock and poultry;
 Horticulture and Forestry;
 Agricultural Engineering;
 Dairying;
 Botany;
 Entomology;
 Chemistry;
 Bacteriology.

During the biennial period ending June 30, 1912, the Agricultural Experiment Station published sixteen regular bulletins, numbers 118 to 132, inclusive, with one reprint of number 82; research bulletins Nos. 1 to 5, inclusive; circulars Nos. 1 and 2; and press bulletins Nos. 22-32, making a total of 34 bulletins aggregating 432,000 copies.

The work of the Agricultural Experiment Station is of direct service to the agricultural interests of the state and nation. The results of experiment station investigations serve as the basis for agricultural instruc-

tion and improved methods of farming. Comparatively little progress was made by the agricultural colleges of the United States either in imparting information to their students or in carrying information directly to farmers, until the work of the experiment stations had been fully established and extended far enough to obtain a fund of definite facts which constituted a basis for practical, scientific education in agriculture and for sound agricultural practice. This is now universally recognized, and it is equally true that progress in the future, both in the instructional work of the colleges and in the extension work that is being carried by the colleges to the men and women on farms and in farm homes, will be measured, and its value determined, largely, by the definite, thorough and accurate experimental work that is carried on as a basis for this information. It is all-important, therefore, that ample provision be furnished for maintaining the work of the state experiment stations. Much of this work is expensive and needs to be conducted at public expense for the benefit of the masses. Many lines of investigation have been of incalculable value and have returned a hundred-fold upon the original cost of the experiment station work. As agricultural lands increase in value, the tiller of the soil is under the necessity of securing larger returns for outlay of capital and labor; and as the cost of living increases with the increase in population of our cities, the necessity of agricultural experiment station work is emphasized. It is some times argued that all we have to do is to apply the intensive methods of cultivation that are practiced in foreign countries, but this is not a safe guide. Many of the intensive methods of cultivation that are successfully practiced in foreign countries would be unprofitable under the agricultural conditions existing in the United States. Our population and the customs, habits and characteristics of the producing and consuming classes are essentially different. Agricultural principles, practice and theories have to be tried out under the conditions governing American agriculture. There is no infallible guide for the American farmer except that which is based upon the light of sound agricultural information relating to the principles of production under American agricultural and economic conditions. Fortunately, Iowa soils have been stored with abundant fertility, yet they have been farmed for several generations with but a limited knowledge and appreciation of their capabilities for production or of practical and successful methods of conserving or restoring to inherent fertility. We have now reached a stage in the agriculture of Iowa when the most vital problem, a problem concerning not only the farmer but all the people and all the industries and occupations of the state, is the system of soil management and cultivation that will give the best permanent returns from our agricultural lands. This will not come about except by careful, systematic study and investigation. We have a good illustration of this in the older agricultural states of the East, all of which have declined in productiveness and in the value of their agricultural lands. To secure this information will require, first, a definite survey of the soil which will show the location of the principal soil types of the state; second, an invoice of the plant food materials in each type of soil. This will require that chemical analyses be made of hundreds and even thousands of

samples; third, the operation of experiment fields in many localities on different soil types. Dr. C. G. Hopkins, the eminent soil investigator of Illinois, said recently in addressing the Bankers' Association of Iowa:

"The state of Iowa is devoting at the present time to a study of the soils in the 99 counties of the state, less than \$10,000, including all of the federal funds that are used for the purpose—and more than half of all you use for soil investigations is federal money. Now, just consider that for a moment. The soil is the great basis of all prosperity, and there isn't one farmer in a thousand in this state that knows what his soil contains, and not many of them can find out, either. The state can find out. The state can survey the soils and find every type of soil on every man's farm, and take an invoice just as well as the merchant takes an invoice of his stock of goods. The state can conduct experiment fields to demonstrate that the addition of the things lacking in the soil would double the average yield per acre.

"An investigation of all the soils of this great state of Iowa, with the funds that are now annually available, will take from 100 to 150 years—to survey the 99 counties and take an invoice of the soil and see what you have, to conduct experiment fields and publish the results and put them in the hands of the farmers. If you could make an appropriation of \$100,000 a year, you could do the work in eight or ten years. Why not do it? What is \$100,000 to put into the soil of this great imperial state? It wouldn't take very much money to investigate all the soils of the state and get the definite information needed by the farmers and by the teachers."

The matter of a \$100,000 appropriation for such a soil survey and investigation is of trifling consequence compared to the vast interests at stake and the benefits that will be derived from the use of methods that will save the state many millions of dollars within a few years. This may be properly regarded as an investment on the part of the state that will give immediate returns. Increased agricultural production must come in the future mainly by the improvement of the tillable land now under cultivation, rather than the extension of new areas of virgin soil as has been the case up to this time.

There is no more important phase of this problem than the study and investigation of practical systems of livestock farming which will insure the return to the soil of the largest possible proportion of plant food drawn from the farms by the annual grain crops. The decline of agriculture in many of the most noted and prosperous agricultural regions of the United States in former periods is directly traceable, in large measure at least, to the abandonment of animal husbandry.

A careful summary of the urgent needs of the heads of sections for increased appropriation, covering the various lines of experiment station work on a very conservative basis, amounts to \$57,565. A large part of this should be devoted to soil investigations as the basis of all successful agriculture. But it is of vital importance that increased appropriations be made for all important lines of agricultural investigation.

Professor Beach calls attention to the fact that the Illinois Experiment Station has \$110,000 for various lines of horticulture work as against

\$17,000 in this state, and at the same time the Illinois Experiment Station is spending more money annually upon soil investigations than we have for all lines of agriculture in this state. The soil problem of Illinois is of no more importance to the Illinois farmer and the Illinois citizen than the soil problem of Iowa is to the Iowa farmer and the Iowa citizen.

It is earnestly recommended that an increased appropriation of \$50,000 annually be asked of the coming legislature for agricultural experiment station work, and \$150,000 could be used to good advantage in studying the problems that affect the welfare and prosperity of all the people of the state.

AGRICULTURAL EXTENSION DEPARTMENT.

The agricultural extension work of the Iowa State College may be regarded as firmly and permanently established. This work grew out of the Farmer's Short Course work which was established in this institution in 1900. This was the first work of its kind ever offered by an agricultural college, and it met with such popular favor as to result in a demand for similar work in all parts of the state. The obligation of a state agricultural college and experiment station is no longer confined to the instruction given to the students enrolled at the institution. The instruction must be carried, not only by bulletins and publications, but by graphic illustrations and demonstration to the people in the homes, in the schools, and on the farms, in all parts of the state. By this system the best methods of agriculture as determined by the study and investigation of the agricultural colleges and experiment stations may be made immediately available and productive of the highest beneficial results. There is a widespread demand at present, not only for occasional demonstrations, and schools of instruction, in the various communities, but for a system of permanent county agricultural advisers that will give to each county the services of a competent man. Such a man can be of service not only in demonstrating and establishing better methods of agriculture, but as a promoter of a better system of education in the public schools, better social life and agricultural organization on the farm, improvement of the highways, and various lines of activity that will contribute to better rural life. The United States Department of Agriculture is co-operating with the state agricultural colleges in promoting this work. The Extension Department of this state could use economically and wisely \$100,000 for this phase of agricultural extension work alone during the coming biennial period. If we were in a position to contribute \$1,000 to each county, the counties would in most cases add \$2,000 to \$3,000 annually to this sum for maintaining the system of instruction herein described. These county agents would work under the general direction of the college and of the United States Department of Agriculture, through the state and district supervisors of the county agents. This system is already being tried out in several counties of this state, and in a number of places in the United States it has been followed for a sufficient length of time to conclusively demonstrate its efficiency.

We have been carrying instruction to about 10,000 people a year in the short courses held throughout the state. Several hundred thousand

people have been reached by special train instruction and through county fairs and agricultural shows. We also have most effective junior organizations which will soon have an enrollment of 25,000 members in the boys' and girls' agricultural and home economics club work in the state. There is a constantly increasing demand for agricultural correspondence work. This is indicated by the fact that we receive annually in the neighborhood of 100,000 letters of inquiry in the various departments of the college, experiment station, and extension work.

The extension work should in the main be continued along the lines already established, and in addition we should be in position to co-operate with the county organization and the United States Department of Agriculture in establishing county agricultural advisers in as many counties as are properly organized for putting the work on a satisfactory and profitable basis. To even partially meet this demand during the coming biennial period will require an additional appropriation for the Extension Department of at least \$50,000 annually. The Iowa State College can render no better service to the agricultural interests of the state and to all its citizens than that which will come from the expenditure of the additional appropriations asked for the Experiment Station and the Extension Department. These appropriations render a public service which has no immediate connection with the educational work carried on by the institution for its resident students, and that ought not to be regarded as a part of the annual support appropriated for the institution. It ought rather to be regarded as a special and distinct form of immediate aid for the advancement of the agricultural interests of the state, and appropriations ought to be made directly for these interests.

DIVISION OF ENGINEERING.

Dean Marston submits the following concerning the work of the Engineering Division for the biennial period of 1910-1912 and its prospects and needs for the biennial period of 1912-14:

The present time seems one likely to be worthy of long remembrance in the history of Iowa in connection with the establishment of industrial education in the state, for the good or the ill which may result from the measures undertaken now.

Studying the economic situation in the State, all careful thinkers agree that we are about to experience the same great industrial change which has previously overtaken the states to the east of us. With our favorable location and our great natural resources, it seems almost certain that Iowa will in the near future supplement her great agricultural development by a symmetrical development in commerce and in manufacturing.

As yet the ground is clear for the adoption of a state-wide system of industrial education which may place Iowa in the front rank in the Union in this particular; but undoubtedly within a few years this opportunity will have vanished unless seized at the present time, for already various communities in the State are beginning, without any general co-operation, to adopt discordant ideas for industrial education which will soon make it impossible to have a comprehensive and efficient state-wide system, unless advantage is taken of the present moment.

Further, the State Board of Education proposes most important changes in professional engineering training in the State. These changes are in harmony with the idea that there should be a state-wide system of industrial education, and not a fatal division of effort. It seems proper and advisable, therefore, that in this report of the work of the Engineering Division at the College for the years 1910-1912 there should be some general survey of the situation.

THE FUNDAMENTAL PURPOSES OF THE IOWA STATE COLLEGE AS SHOWN BY THE
MORRILL LAND GRANT ACT.

The fundamental purposes of the Iowa State College, as shown by its great National Charter, the Morrill Land Grant Act, included both engineering and agriculture. The exact words of the law are as follows:

"* * * and the interest of which shall be inviolably appropriated by each state, which may take and claim the benefit of this act, to the endowment, support, and maintenance, of at least one college, where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in such manner as the legislatures of the states may respectively prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life."

It would be difficult to state in plainer terms that the great purpose of all the land grant colleges includes not only agriculture but also the mechanical industries of the country. There are mistaken friends of agriculture who have claimed that the only mechanic arts necessarily included in this law are those directly related to agriculture. Both the plain wording of the law and the entire history of the Morrill Land Grant Act, and of the development of land grant colleges in the United States negative this in the most emphatic way.

Furthermore, the law is equally plain in specifying that at least an important part of the work in instruction in mechanic arts shall be of high, professional engineering grade. It specifically uses the words "college" and "professions" in describing the grade of work to be carried on. High legal authorities have agreed that the law absolutely requires the maintenance of professional engineering instruction at the institutions designated by the state legislature as the beneficiaries of the Morrill Land Grant Act.

However, while the law prescribes professional engineering instruction, it does not exclude industrial education of secondary grade, and in fact the wording of the law, which calls for the liberal and practical education of the industrial classes in the several "pursuits" of life, as well as the "professions," requires, when strictly interpreted, the maintenance of this class of instruction as well as professional engineering training. In agriculture, this purpose of the land grant colleges has generally been met, at least in part, throughout the country, by the establishment of agricultural extension, and in some cases by trade school work in agriculture, such as our "two-years" agricultural work at Ames. In engineer-

ing, little has as yet been done along lines of engineering extension. Wisconsin enjoys the enviable distinction of having been the first state to recognize and meet our obligations in this line of work.

THE HISTORY, PRESENT ORGANIZATION, AND COURSES OF STUDY IN THE ENGINEERING DIVISION OF THE IOWA STATE COLLEGE.

In accordance with the plain requirement of the law for instruction in professional engineering courses of college grade, the Iowa State College has maintained engineering courses since it was first opened in 1868. Mechanical and Civil Engineering have been taught from the beginning. Electrical Engineering was added in 1891, as soon as it became recognized as a separate branch of the profession. Mining Engineering was added in 1892, and Ceramic Engineering in 1906, both in obedience to special laws passed by the Legislature of Iowa. An Engineering Experiment Station was similarly added by direct act of the legislature in 1904, and in the same year another act of the Legislature made the College the State Highway Commission.

The Engineering Division is now organized in five departments; namely, Mechanical Engineering, Civil Engineering, Physics and Illuminating Engineering, Electrical Engineering, and Geology and Mining Engineering. A strictly professional course in Agricultural Engineering was also added in 1909, but this work is under the direction of the Agricultural Division. The students in agricultural engineering are real engineering students, pursuing an engineering course of high grade, and occupying engineering positions after graduation.

The College offers separate courses of study in Mechanical Engineering, Civil Engineering, Electrical Engineering, Mining Engineering, Ceramic Engineering, Industrial Chemistry, and Agricultural Engineering.

The Engineering Faculty numbers forty-six, of whom four are located in the Agricultural Engineering Department. The instruction in Physics and Geology is given within the Division of Engineering for the entire College.

THE PROPER RELATION OF THE DIVISION OF ENGINEERING AT THE IOWA STATE COLLEGE TO A STATE-WIDE SYSTEM OF INDUSTRIAL EDUCATION.

It will be seen from the statement just presented that the College has been meeting properly the obligation imposed by the law to maintain professional engineering courses of high college grade. It has become known throughout the country as a great engineering as well as a great agricultural school.

To meet properly the entire obligation imposed by law, the College should also establish engineering extension, and possibly some trade school work along mechanical lines. However, it is a mistake to suppose that the State can possibly establish a successful central trade school, properly serving the entire State, or even a considerable portion thereof. The experience of the world in industrial education has clearly shown that trade schools, like high schools, must be local in character.

Their students should be boys of high school age, 14 to 18 years, who will not go far from home to secure a trade school education. There should be a *system* of trade schools for Iowa, not a *single* trade school.

However, engineering extension can be and should be established at the Iowa State College as a part of a state-wide system of industrial education.

In a state-wide system of industrial education for Iowa, the links should be:

1. Engineering extension work, centered at the Iowa State College, to carry on continuation classes throughout the State;

2. A system of local trade schools, to train foremen, and workmen who require special and extensive technical knowledge and skill in the various local industries;

3. An engineering experiment station, centered at the Iowa State College, to solve the technical problems of manufacturing and engineering in general;

4. A professional engineering school, such as that now maintained, to train the professional engineers, the shop superintendents, the managers, the business promoters, and the owners and operators.

This entire system of industrial education should be centered in one place and under one management.

ENGINEERING EXTENSION.

The State Board of Education has decided to ask from the legislature an annual appropriation of \$35,000 to inaugurate engineering extension at the Iowa State College, and thereby meet the plain obligation imposed by the organic law of the College. Engineering extension is discussed at much greater length in another portion of the biennial report of the State Board of Education, and hence will not be taken up further here.

THE ENGINEERING EXPERIMENT STATION.

The general industrial development in Iowa, especially along manufacturing lines, has now reached such a point as to require a large amount of assistance in scientific and technical lines, which can properly be afforded only by the State, as it requires scientific laboratories and investigators with special scientific and technical training. The Engineering Experiment Station should from now on be one of the most effective agencies which Iowa can use in developing her manufacturing and other engineering industries.

With this in view, the appropriation for the Engineering Experiment Station was increased \$5,000 per year at the last session of the legislature. The last two years' experience, however, has shown that the total amount now available, \$10,000, is entirely too small to permit the reorganization of the Station to do satisfactorily the work above outlined. To do this work satisfactorily requires the development of a permanent staff of men capable of carrying on the high grade scientific work of the Station. At present we are able to employ only young men incapable of taking the initiative, and the work of the Station is not what it should be.

From our experience in the past, we estimate that the minimum appropriation for the immediate future should be \$20,000 per year, which should be distributed approximately as follows:

SALARIES.		
3 scientific experts at \$2,000 to \$2,500 per year each.....	\$6,750	
4 assistants at salaries of \$1,000 to \$1,500 per year.....	5,000	
Director, part salary.....	500	
Assistant Director, half salary.....	1,000	
Industrial Chemist, part salary.....	100	
Clerical office work, stenographic, mailing, etc.	600	\$ 13,950
EXPENSES OTHER THAN SALARIES.		
Printing.....	\$1,800	
Postage.....	400	
Furniture.....	200	
Miscellaneous.....	150	
Expenses of investigations, including laboratory supplies, special apparatus, repairs to apparatus, hire of special assistants, purchase of materials for particular investigations, etc., etc.	5,000	\$ 7,550
Estimated receipts from tests.....		\$ 21,500
Total amount asked.....		1,500
		\$ 20,000

THE IOWA STATE HIGHWAY COMMISSION.

By act of the legislature in 1904, the College was required to act as the Iowa State Highway Commission; and an appropriation was made for this work, which has gradually increased from \$3,500 to \$10,000 per year. With these limited funds the work of the Commission has necessarily grown slowly. It has, however, been of very great importance in the development of good roads work in Iowa, and the work has so far developed that, while our authority is purely advisory in character, we cannot begin to meet the demands for assistance made upon us by the road officers of the State.

The work of the Commission has been especially efficient in bringing about the general use of the road drag, in securing the adoption of more efficient means for constructing earth and gravel roads, and in securing the substitution of permanent and safe culverts and bridges for the flimsy and temporary structures formerly built.

Unfortunately the work of the Commission, which is conducted along absolutely honest and just lines, has necessarily interfered with the interests of certain bridge contractors and conniving public officials in the State. On this account strong influences have been used to discredit the policies of the Commission, particularly as they apply to the honest and open letting of contracts and to the building of substantial bridges and culverts. These influences against the Commission have appeared in every possible form, but especially in lobbying with the Legislature of Iowa against the Commission. Nevertheless, the legislature has increased the funds for the work of the Commission. The net result of the opposition has been to call public attention to the abuses, and to lead to investigations by the Attorney General and the Grand Juries of var-

lous counties, thereby causing the resignation of delinquent public officials. Publicity as to the abuses has stimulated the demands upon the Commission for assistance to the various counties, to such an extent that we cannot possibly afford more than a fraction of the assistance asked.

We are now at the point where to succeed with the work we must have more liberal support and a larger force. We can easily meet any criticism except the one that must come soon without an increased force, and that is that the work is inefficient and slow.

Based on the supposition that the law establishing the Commission will remain unchanged, we should, in my judgment, have not less than \$20,000 annually. I believe this to be a conservative increase in our support fund when compared with the growth in the demands upon the Commission for engineering aid. On the basis of this appropriation I submit the following estimates for the year July 1st, 1913, to June 30th, 1914:

SALARIES—PRESENT FORCE.			
Thos. H. MacDonald, highway engineer	\$2,400		
O. B. McCullough, assistant engineer	1,800		
F. R. White, field engineer	1,800		
J. H. Ames, assistant engineer	1,300	\$	7,300

SALARIES—INCREASE IN FORCE.			
One structural steel detailer	\$1,200		
Two field engineers, experienced in road and bridge construction, not less than \$1,800 each	3,600		
Office engineer	1,200	\$	6,000

EXPENSES OTHER THAN SALARIES.			
Clerical	\$ 680		
Drafting room supplies and labor	870		
Office expenses, postage, etc.	600		
Traveling expenses, exclusive of those paid by counties	600		
Publications, lectures	1,150		
Extra help in field on surveys and inspections	800		
Equipment	2,000	\$	6,700
Total appropriation asked			\$ 20,000

INSTRUCTION IN ENGINEERING AT THE IOWA STATE COLLEGE IN 1910-1912.

Instruction in engineering at the Iowa State College has continued along lines of natural development throughout the biennial period of 1910-1912. Throughout this period the total number of engineering students has been practically at a standstill, owing to great causes operating over the entire country, which have led in most engineering schools to a material decrease in attendance. Wisely, however, the State Board of Education has not ceased to afford encouragement and support to our work in engineering. The salaries of capable and efficient men, who

have been with us a long time, have justly been increased materially. We have not made many additions to the faculty, but additional equipment is being provided year by year. We still need material additions in equipment.

During the biennial period a new mechanical laboratory building has been authorized by the legislature and by the State Board of Education, and its construction is now about to begin. The construction and equipment of this building will meet our most serious laboratory deficiency. The electrical laboratory requires some enlargement, for which we have provided an estimate of \$5,000 in the emergency budget. Some other small items appear in the same budget.

I wish here to call attention to the faithful service rendered by the heads of the various engineering departments, all of whom have been at the College for a long period of years, and are tested and true men. We have lost a few men during the biennial period, but excellent men have been found to fill the vacancies, and at no time, in my judgment, have we had so efficient and harmonious a faculty as at present.

ATTENDANCE IN ENGINEERING AT THE IOWA STATE COLLEGE.

As I have stated, there have been during the past few years great causes affecting engineering attendance at the various engineering colleges throughout the country and checking the growth in attendance. In most places a serious loss has been experienced. I give herewith a table of attendance at the Iowa State College since 1889, previous to which time the total attendance was very small.

TABLE OF ATTENDANCE OF ENGINEERING STUDENTS AT IOWA STATE COLLEGE.

YEAR	M E	C E	E E	Mn E	Cer	Ind Chem	Total Eng Div	Agr Eng **	Total Eng. Students of College Grade	Academic Eng Students *
1912-13	139	150	172	23	6	5	495	90	585	0
1911-12	133	180	181	26	6	4	530	57	587	0
1910-11	146	210	190	31	8	4	589	34	623	0
1909-10	136	226	177	40	7		586	16	602	93
1908-09	136	279	219	44	8				681	114
1907-08	134	285	240	41	4				704	139
1906-07	108	253	201	30					592	210
1905-06	102	229	196	43					570	145
1904-05	111	208	182	32					531	173
1903-04	108	189	174	32					503	174
1902-03	113	145	166	17					441	134
1901-02	93	123	171	12					399	139
1900-01	69	90	137	8					304	119
1899-00	46	54	108	2					210	113
1898-99	42	39	110	2					193	61
1897	30	27	76	4					137	
1896	23	32	77	3					135	
1895	33	38	66	2					144	
1894	44	35	68	0					147	
1893	57	37	63	1					158	
1892	59	53	66	1					179	
1891	55	48	25						128	
1890	44	37							81	
1889	33	33							66	

*The academic engineering students were simply preparatory students and did not take the engineering work in any appreciable amount.

**While the agricultural engineering students are enrolled in the catalog in the Agricultural Division, they are taking mostly engineering work.

It will be seen that the College passed through a similar previous period of stationary engineering attendance, during the years from 1893 to 1897. The cause at that time was undoubtedly the wide-spread business depression. In my judgment, the main cause of the limitation of growth from 1907 to 1912 is the general business contraction throughout the country, following the period of excessive expansion from 1897 to 1907. The recent turning of public attention to the advantages of agriculture has, in my judgment, been an entirely minor factor. The general development of the country requires an increased number of engineers to do our work, and we may be certain that in the long run the laws of demand and supply will require a gradual growth in engineering attendance in every state. It seems probable that the period of checked growth is nearly, if not quite, ended, and this is confirmed by the fact that our fall registration for 1912 shows a material increase in the freshman engineering classes at the College.

NEEDS OF THE ENGINEERING DIVISION FOR ADDITIONAL APPROPRIATIONS.

The needs of the Engineering Division for increased appropriations for the coming biennial period may be summarized as follows:

Engineering Extension, new appropriation.	\$35,000 per annum
Engineering Experiment Station, increase.	\$10,000 per annum
Highway Commission, increase.....	\$10,000 per annum
Equipment (\$43,000, total listed) say.....	\$15,000 per annum
Additional support, for salaries and current expenses.....	\$15,000 per annum

I place the importance of these askings in the order in which they are listed above, although I would urge, in view of the widened plans for engineering instruction here at the College, and further in view of the vital connection of engineering instruction here with the manufacturing and commercial development of the State, that adequate funds be provided for retaining and properly paying efficient men on our faculty, and making such additions thereto as may fit the College to materially better the grade of its engineering work. In our estimates we have not gone into details for such expansion; and if we had, should have added at least \$15,000 more along the line of additional support, besides what is listed above.

DIVISION OF VETERINARY MEDICINE.

Regarding the work and needs of this Division Dean Stange reports as follows:

During the two years just passed, the Division of Veterinary Medicine has, to a considerable extent, entered into the plans outlined in the last biennial report. Not only has every phase of instructional work been strengthened, but the Division has also, as far as possible, been co-operating with the live stock interests and the State Animal Health Commission in matters pertaining to live stock sanitation.

In order to facilitate the work of this Division and increase its proficiency it has been divided into Departments of Anatomy and Histology,

Physiology and Pharmacology, Pathology and Bacteriology, Surgery and Obstetrics, and Theory and Practice, each having certain definite work, planned to secure maximum results. The arrangement of the new buildings makes this plan very practical and satisfactory. Each department has a responsible head with assistants. The Dean, in addition to acting as head of the department of Theory and Practice, is also head of the Veterinary Section of the Experiment Station. In order that the Division may be in closer touch with the sanitary conditions of the state and be in a position to render some assistance, the Dean has been appointed Assistant State Veterinarian.

The present organization, while it is new, has been very satisfactory thus far and is now ready to engage the problems before it. I recommend that we be allowed to continue on this basis with an extension of the work as circumstances will warrant.

BUILDINGS.

During the past year the group of new veterinary buildings planned has been completed with the exception of the Experiment Station and Diagnostic Laboratories. The group of five completed includes the Administration building with dean's and surgeon's offices, assembly room, library, general museum, and faculty room; the Pathology building, accommodating the Department of Pathology and Bacteriology; the Anatomy building for the Department of Anatomy and Histology; the Physiology building in which the work of the Department of Physiology and Pharmacology is carried on; and the Hospital or Clinic building for the use of the Departments of Surgery and Practice. Each building has the necessary offices, laboratories, store rooms, and rooms for animals for laboratory purposes. Each building is adapted to the work of its respective department without interfering with the work or plans of any other. This arrangement has proven eminently successful, and is stimulating individual work in a very effective way.

The buildings erected at a cost of \$150,000, while not elaborately finished, were built with an idea as to their utility and have been pronounced by many of the best authorities as the finest and the best in the country, and excelled by but few of the European schools. This investment cannot fail to prove a valuable one to the stock interests of the state. I recommend that, as soon as possible, the building planned for experimental and diagnostic work be completed, as it is essential in the investigation work of which Veterinary Medicine presents a larger field than any other profession.

EQUIPMENT.

The small amount of equipment of the Veterinary Division, which at the same time was poor, made it necessary to purchase new equipment for practically all of the laboratories and class rooms. In purchasing furniture and equipment, plain, substantial material has been selected with an idea as to its usefulness and durability. About \$25,000 was invested for this purpose. A medical education, along any of its several

lines, is necessarily an expensive education, on account of the fact that it requires considerable apparatus for laboratory and clinical instruction. An education that lacks the practical application of the theoretical cannot prepare the student for efficient service to his clients. It must necessarily consist largely of the sciences especially as related to biology. These cannot be taught successfully without considerable, and in some cases, expensive equipment.

FACULTY.

The instructing force has during the past two years been organized until it has reached the highest degree of efficiency and co-operation ever attained in the history of the institution. Dr. Dimock is head of the Department of Pathology and Bacteriology, and is assisted by Dr. Murray and two senior students. Dr. Bemis is head of the Department of Surgery and Obstetrics and is assisted by Dr. Nelson. Dr. Murphy is head of Anatomy and Histology and has two senior student assistants. Dr. Bergman has charge of Physiology and Pharmacology, assisted by Mr. Judisch. The Department of Practice is under the direction of the dean. With this faculty, organized as it is, we are able to carry on the work of the Division; but in order to be able to work out many of the problems confronting us today, it will be necessary to have, not more departments or heads of departments, but more assistance for those we now have in order that the heads of departments may exert their energy so as to secure maximum results. The demand for men qualified to do teaching and research work is indicated by the fact that there are at the present time a number of openings that have not been filled after months of searching. This demand means simply that the salaries of the men now holding positions, especially as heads of departments, must be increased as they grow in experience and proficiency. The comparison of men in veterinary work with those of equal rank in other lines may be satisfactory from a theoretical standpoint, but it must be remembered that we are procuring professional services which should be of the highest type, and that the yearly income of most members of the instructing force could be increased two or three fold in private practice.

It is recommended, therefore, that the heads of the departments be given salaries ranging from not less than \$2,200 to \$2,700, and that they be furnished with competent assistants in order that they may study the problems that come to them from time to time, and attempt to work out a solution. I think it should be the duty of every teacher to do research work so far as possible without interfering with instruction work which must remain the primary and most important work of this Division.

STUDENTS.

As predicted in my report four years ago, we have a decrease in attendance as a result of enforced high entrance requirements. A school located in the middle west, surrounded by the three large private veterinary colleges which maintain very low entrance requirements and twenty-one months of college work instead of thirty-six as our course represents.

must necessarily depend on quality rather than quantity to serve the state supporting it. That the Division has been successful in producing men of quality is indicated by the fact that they have been ranking first in the State Board Examination as a school. I am pleased to report also that the majority of these men are locating in the state and consequently will be able to serve the livestock interests of this commonwealth. Most of the exceptions to this statement are men that have been taken by other states, the Philippine Islands, and the federal government for instruction and sanitary work.

EXTENSION WORK.

It is a pleasure to be able to report that the Extension Department of the Division of Agriculture has secured the services of a veterinarian, Dr. J. D. Cline, who, by giving out information in regard to sanitation, soundness and care of animals, will be able to do a vast amount of good, not only to the stockmen, but also to the Division. It is very desirable that he be placed on an annual salary commensurate with the service rendered.

The Iowa Veterinary Association will meet here in November and the best representatives of the profession will be here from all parts of the state. I think these meetings should be encouraged by the College by rendering all possible assistance.

CLINICS.

The hospital clinics have been increased about 35% during the past biennial period. While a charge of 60 cents per day for large animals and 25 cents per day for small animals may seem insufficient, it must be remembered that many of the animals must be brought from considerable distance, and that one of the strong inducements is the very nominal charge that is made for the feed and care of the animals, the professional services being free. Animals are not brought here because it is the Iowa State College, but because they receive good service at little cost. I wish to point out in this connection that none of the best professional schools are a great success financially. If we desire, therefore, to build up a financial institution we must sacrifice some educational features. In some other state veterinary colleges an ambulatory clinic is maintained for which purpose a driving team and buggy or automobile is kept in readiness and calls are promptly answered by members of the clinical staff who are accompanied by four or five seniors. This plan has some decided advantages and is worthy of consideration.

SUPPORT.

The most essential thing to insure the success of this Division is adequate support funds to meet the demands made upon the various departments of this Division. Allow me to call your attention to the expenditure of the maintenance fund of the New York State Veterinary College.

	N. York	Vet Div I S C
Departments -----	\$ 6,060.88	\$ 1,370.13
Advertising and printing -----	560.76	64.88
Library -----	258.00	
Office -----	364.00	274.31
Salaries -----	26,641.66	13,400.00
Pay roll -----	3,685.00	1,544.50
Insurance -----	50.00	
Fuel and lights -----	841.80	
Grounds and repairs -----	721.79	25.67
Experiment work and extension -----	4,533.62	
Miscellaneous -----	1,286.43	261.08
Total -----	\$45,000.00	\$16,940.57

There were thirty seniors graduated from the New York State Veterinary College last June. The Division of Veterinary Medicine graduated twenty-five. This Division is planned on a broader basis and is capable of rendering a greater service to the state, but cannot do this when it is necessary for the dean to deny his faculty members all help except what is absolutely essential, to carry on the instruction work with only a partial degree of satisfaction. It should be evident from a comparison of the above figures that this Division is being asked to do work that should compare favorably with that of the New York State Veterinary College, which has a support fund many times larger than our own. I recommend, therefore, that our support fund be placed on a basis that will be reasonable as compared with the results expected.

SUMMARY.

In order that this Division may be of the greatest service to the state I recommend:

1. That funds be provided for an assistant in laboratory diagnosis and vaccine production.
2. That the heads of departments be given sufficient assistance to enable them to do some investigation work.
3. That a conveyance be provided so that members of the clinical staff, accompanied by senior students, may visit cases that cannot be brought to the hospital.
4. That our support fund be raised to at least one-half that of New York State Veterinary College.
5. That the building for Research and Diagnostic work be completed as soon as possible.

All of which is respectfully submitted,

E. W. STANTON,
Acting President.

APPENDIX TO PRESIDENT'S REPORT.

The following is the Registrar's summary of students attending the College in 1910-11 and 1911-12:

STUDENT ENROLLMENT AT IOWA STATE COLLEGE.

Year 1910-11.

1—Division of Agriculture:

Graduate Students:

Agronomy	2	
Animal Husbandry	4	
Horticulture and Forestry.....	1	7

Senior Class:

Agronomy	16	
Dairying	10	
Animal Husbandry	30	
Horticulture and Forestry.....	11	
Agricultural Engineering	1	
Science and Agriculture.....	2	
Home Economics	10	80

Junior Class:

Agronomy	15	
Dairying	4	
Animal Husbandry	38	
Horticulture and Forestry.....	9	
Agricultural Engineering	1	
Home Economics	19	86

Sophomore Class:

Agronomy	29	
Animal Husbandry	83	
Dairying	15	
Horticulture and Forestry.....	13	
Agricultural Engineering	6	
Science and Agriculture.....	2	
Home Economics	44	192

Freshman Class:

Agriculture	227	
Agricultural Engineering	26	
Science and Agriculture	4	
Home Economics	75	332

Short Courses:

Agriculture	118	
Dairying	28	
Animal Husbandry	2	148

Specials:			
Agriculture	3	3	
	<hr/>		
Unclassified:			
Agriculture	2		
Home Economics	1	3	
	<hr/>		
Winter Short Courses:			
Agronomy and Animal Husbandry.....	476		
Poultry	6		
Farm Dairying	14		
Creamerymen	40		
Horticulture	19		
Home Economics	40	595	1446
	<hr/>	<hr/>	
2—Division of Veterinary Medicine:			
Senior Class	29		
Junior Class	23		
Sophomore Class	28		
Freshman Class	20	100	100
	<hr/>	<hr/>	
3—Division of Engineering:			
Graduate Students:			
Civil Engineering	1	1	
	<hr/>		
Senior Class:			
Mechanical Engineering	29		
Civil Engineering	44		
Electrical Engineering	30		
Mining Engineering	5		
Ceramics	1	109	
	<hr/>		
Junior Class:			
Mechanical Engineering	25		
Civil Engineering	51		
Electrical Engineering	36		
Mining Engineering	8		
Ceramics	2		
Industrial Chemistry	3	125	
	<hr/>		
Sophomore Class:			
Mechanical Engineering	31		
Civil Engineering	47		
Electrical Engineering	41		
Mining Engineering	8		
Ceramics	1	128	
	<hr/>		

Freshman Class:

Mechanical Engineering	57		
Civil Engineering	64		
Electrical Engineering	82		
Mining Engineering	10		
Ceramics	3		
Industrial Chemistry	1	217	

Short Courses:

Ceramics	1	1	

Specials:

Civil Engineering	1		
Electrical Engineering	1	2	

Unclassified:

Mechanical Engineering	4		
Civil Engineering	2	6	589

4—Division of Science:

Graduate Students	8		
Senior Class	18		
Junior Class	7		
Sophomore Class	12		
Freshman Class	36		
Specials	3	84	84

5—Division of Music:

College Music	9		
Unclassified	141	150	150

Total		2369	
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Less duplicates		62	
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		2307	
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Year 1911-12.

1—Division of Agriculture:

Graduate Students:

Agronomy	4		
Animal Husbandry	6		
Horticulture and Forestry	1		
Dairying	1	12	

Senior Class:

Agronomy	18		
Dairying	5		
Animal Husbandry	40		
Horticulture and Forestry	6		
Agricultural Engineering	3		
Agricultural Education	1		
Home Economics	25	98	

Junior Class:			
Agronomy	20		
Dairying	10		
Animal Husbandry	56		
Horticulture and Forestry	11		
Agricultural Engineering	3		
Science and Agriculture	1		
Home Economics	30	131	
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Sophomore Class:			
Agronomy	29		
Animal Husbandry	75		
Dairying	16		
Horticulture and Forestry	16		
Agricultural Engineering	15		
Home Economics	39	190	
<hr/>			
Freshman Class:			
Agriculture	257		
Agricultural Engineering	36		
Agricultural Education	13		
Home Economics	107	413	
<hr/>			
Specials:			
Agriculture	4	4	
<hr/>			
Irregular:			
Home Economics	5	5	
<hr/>			
Short Courses:			
Two Year Agriculture	154		
One Year Dairying	29		
One Year Poultry	5	188	
<hr/>			
Winter Short Courses:			
Agronomy and Animal Husbandry	487		
Farm Dairying	13		
Creamerymen	67		
Home Economics	47	614	1655
<hr/>			
2—Division of Veterinary Medicine:			
Senior Class	24		
Junior Class	25		
Sophomore Class	19		
Freshman Class	17	85	85
<hr/>			
3—Division of Engineering:			
Graduate Students:			
Civil Engineering	2	2	
<hr/>			

Senior Class:

Mechanical Engineering	27		
Civil Engineering	41		
Electrical Engineering	28		
Mining Engineering	10		
Ceramics	2		
Industrial Chemistry	1	109	

Junior Class:

Mechanical Engineering	24		
Civil Engineering	43		
Electrical Engineering	29		
Mining Engineering	6		
Ceramics	1	103	

Sophomore Class:

Mechanical Engineering	32		
Civil Engineering	36		
Electrical Engineering	48		
Mining Engineering	3		
Ceramics	2	121	

Freshman Class:

Mechanical Engineering	50		
Civil Engineering	52		
Electrical Engineering	76		
Mining Engineering	7		
Ceramics	1		
Industrial Chemistry	3	189	

Specials:

Civil Engineering	1	1	
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Irregular:

Civil Engineering	5	5	530
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4—Division of Science:

Graduate Students	8		
Senior Class	11		
Junior Class	9		
Sophomore Class	10		
Freshman Class	47		
Specials	2		
Irregular	2	89	89

5—Division of Music:

College Music	13		
Unclassified	78	91	91

6—Summer School	96	96	96
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Total			2546
Less duplicates			36

2510

SECOND BIENNIAL REPORT

DEGREES GRANTED.

1911..

Bachelor of Science in Agronomy.....	17
Bachelor of Science in Animal Husbandry.....	28
Bachelor of Science in Dairying	9
Bachelor of Science in Horticulture and Forestry.....	10
Bachelor of Science in Agricultural Engineering.....	1
Bachelor of Science in Science of Agriculture.....	1
Doctor of Veterinary Medicine.....	29
Bachelor of Science in Civil Engineering.....	46
Bachelor of Science in Mechanical Engineering.....	28
Bachelor of Science in Electrical Engineering.....	28
Bachelor of Science Mining Engineering	4
Bachelor of Science in Ceramics.....	1
Bachelor of Science in Home Economics.....	12
Bachelor of Science.....	18
Artists Diploma in Music.....	0
Total	232

ADVANCED DEGREES.

June, 1911.

Degree of Master of Science Agriculture:

J. R. Campbell, Botany.

John Ross Lauderdale, Farm Crops.

Roy E. Smith, Soils.

John E. Smith, Geology.

Degree of Master of Science:

A. L. Bakke, Major, Botany.

Ada Hayden, Major, Botany.

PROFESSIONAL DEGREES.

Degree of Civil Engineering:

N. B. Garver.

L. L. Hidinger.

F. H. Marsh.

W. D. Maxwell.

Degree of Electrical Engineering:

R. W. Atkinson.

W. N. Gladson.

Degree of Mechanical Engineering:

E. E. Lee.

Degree of Mining Engineering:

E. A. Sayre.

Grand total, 246.

DEGREES 1912.

Bachelor of Science in Agronomy.....	17
Bachelor of Science in Animal Husbandry.....	38
Bachelor of Science in Dairying	5
Bachelor of Science in Horticulture and Forestry.....	7
Bachelor of Science in Agricultural Engineering.....	3
Bachelor of Science in Agricultural Education.....	1
Doctor of Veterinary Medicine.....	25
Bachelor of Science in Civil Engineering.....	45
Bachelor of Science in Electrical Engineering	31
Bachelor of Science in Mechanical Engineering.....	21
Bachelor of Science in Mining Engineering.....	11
Bachelor of Science in Ceramics.....	2
Bachelor of Science in Industrial Chemistry.....	2
Bachelor of Science in Home Economics.....	23
Bachelor of Science	11
Artists Diploma in Music.....	2
Total	244

ADVANCED DEGREES

1912

Degree of Master of Science:

Stanley B. Fracker.

Degree of Master of Science in Animal Husbandry:

S. C. Guernsey.

R. F. Miller.

William Thompson.

Degree of Master of Science in Horticulture:

G. R. Bliss.

Degree of Civil Engineering:

Boyd S. Myers.

PROFESSIONAL DEGREES

Degree of Civil Engineering:

William B. Francis.

Ralph H. Cooper.

Degree of Mechanical Engineering:

J. W. Hook.

Herbert A. Sayre.

R. B. Dale.

R. H. Porter.

Degree of Electrical Engineer:

C. M. McCormick.

M. Luckiesh.

Degree of Mining Engineer:

Paul B. Cronin.

Artists Diploma in Music:

None.

Grand total, 259.

IOWA STATE COLLEGE—SECRETARY'S REPORT.

TO THE BOARD OF EDUCATION:—

This report is intended as a brief history of the financial transactions of the last biennial period. In connection with previous reports, it furnishes a continuous story of the financial growth of the institution. It is divided so as to show:

- I. The inventoried value of the College property.
- II. The receipts during the last two years on account of each fund; the amount of each fund expended and the purposes for which it was used; and the condition of each fund at the close of the biennial period.
- III. The funds available for the present year and the appropriations made therefrom, both by the Finance Committee and by your honorable body.

COLLEGE PROPERTY.

Mr. G. P. Bowdish was appointed inventory clerk in June, 1911. He has perfected a most excellent accounting system under which all general and department property is handled. The following is a summary of the inventories prepared by him at the close of the last biennial period:

SUMMARY OF COLLEGE INVENTORIES.

REAL ESTATE.

Farm proper, 660.38 acres at \$150.....	\$99,057.00
Dairy farm, 200 acres at \$150.....	30,000.00
Experiment Station Grounds, 60 acres at \$150....	9,000.00
Plot for Horticultural Experiments, 13 acres at \$150	1,950.00
Orchard and Arboretum, 25 acres at \$150.....	3,750.00
Horticulture and Forestry, 55.50 acres at \$125....	6,937.50
College Campus, 125 acres at \$175.....	21,875.00
College Park, 37 acres at \$125.....	4,625.00
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Total for 1,175.88 acres	\$177,194.50

Buildings:

Central Building	\$381,425.00
Hall of Agriculture	340,000.00
Margaret Hall	48,500.00
Morrill Hall	31,500.00
Chemical Building	25,000.00
Chimes and Clock Tower	6,650.00
College Hospital	7,500.00
Office Buildings	6,000.00
Book Department Building	2,250.00
Engineering Hall	195,000.00
Structural and Hydraulic	25,000.00
Pattern Shop	6,000.00

Forge Shop	4,500.00
Foundry	4,500.00
Machine Shop	18,000.00
Power Station, Old	1,500.00
Pump Station, Old	500.00
Fire Department Building	150.00
Central Heating Plant	49,755.03
Green Houses	18,000.00
Horticultural Laboratory	8,000.00
Veterinary Hospital (Old)	2,500.00
Agricultural Engineering Building	100,000.00
Dairy	60,000.00
Horticultural Barn	5,500.00
Cattle Barn	10,000.00
Feeding Sheds	2,250.00
Farm Crops, Tool Shed	450.00
Experiment Station Barn	17,100.00
Horse Barn and Judging Pavillion	12,000.00
Corn and Stock Judging Pavillion	12,000.00
Hog House	1,500.00
Movable Hog Houses	325.00
Sheep Barn	1,000.00
Field Shed	250.00
Dairy Farm Buildings	15,750.00
Poultry Farm Buildings	5,250.00
Dairy Farm House	2,500.00
Carpenter Shop	400.00
Home Economics	75,000.00
Veterinary Hospital	150,000.00
Stock and Grain Judging Pavillion (new).....	13,500.00
Engineering Annex	35,750.00
Ceramics Building	15,000.00
Residences occupied by:	
President	12,000.00
Professor Curtiss	5,000.00
Professor Beach	5,250.00
Professor Mortensen	2,250.00
Professor Meeker	2,250.00
Professor Summers	2,250.00
Professor Noble	2,750.00
Professor Stanton	5,000.00
Professor Marston	4,500.00
Farm Foreman	1,800.00
House formerly occupied by Custodian	1,800.00
Experiment Station Foreman	1,200.00
Farm Laborer	700.00
Laborers' Boarding Club	500.00
Music Hall formerly Faculty Club	5,000.00
Superintendent Sloss	6,500.00
Total buildings	\$1,776,505.03

General Equipment:

Waterworks, including water tower, deep well, pumping machinery, reservoir, fire pump and piping system	\$47,780.36
Old Power Plant, including boilers, four high speed engines, piping boiler and engine room appliances, etc.	6,000.00
New Heating Station, including two 250 H. P. boilers and two 500 H. P. boilers, with mechanical stokers and induced draft apparatus, one 250 H. P. Corliss engine, directly connected with generator, three boiler feed pumps, feed water heater and piping system, air compressor, and other power plant apparatus.	36,075.72
Electric light, including switchboard appliances, pole line and transformers	11,879.96
Heating tunnel, complete with steam and return main	52,962.32
Sewerage system	13,436.89
Sewage Disposal system	3,700.00
Fire department	1,000.00
Gas Mains	1,757.98

Total General Equipment	\$174,593.23
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Equipment—College Departments:

Agricultural dean's office	438.25
Agricultural dean's office (trophies)	2,800.00
Agricultural engineering	6,420.99
Agricultural extension	4,424.39
Agricultural journalism	280.62
Agricultural education	84.10
Bacteriology	3,430.30
Botany	28,820.67
Chemistry	8,290.36
Civil engineering	13,370.79
Carpenter shop	352.31
Chimes and Clock	9,000.00
Dairy	6,414.63
Dairy farm, live stock	14,599.00
Dairy farm, other equipment	1,259.50
Electrical engineering	16,719.51
Engineering dean's office	845.00
Economics	80.00
English	100.50
Farm, live stock	31,449.61
Farm, other equipment	1,930.73
Farm crops	1,421.85

Good roads	6,576.90	
History and psychology	437.89	
Home Economics	3,810.81	
Horticulture and forestry	3,237.34	
Hospital	386.68	
Library	126,500.00	
Library	174.07	
Mechanical engineering	39,277.36	
Mining engineering	13,419.24	
Military	355.00	
Music	2,193.45	
Physics	16,296.59	
Poultry, live stock	672.60	
Poultry, other equipment	1,231.50	
Public speaking	56.00	
Public grounds	1,397.09	
Purchasing department	157.00	
President's office	80.00	
Superintendent's office	88.00	
Superintendent (electrician)	108.00	
Superintendent (plumber)	305.85	
Superintendent (tools in store room)	171.50	
Superintendent (tools in central heating plant)	232.90	
Secretary's office	334.25	
Soils	4,683.03	
Physical culture	82.28	
Pipe organ	2,000.00	
Treasurer and registrar	1,176.25	
Veterinary	17,507.82	
Zoology	20,836.48	
Mathematics	150.00	
Animal husbandry	948.79	
		<hr/>
Total department equipment		\$417,417.78

Two-Year Course in Agriculture:

Agricultural engineering	\$ 168.41	
Agronomy	73.75	
Animal husbandry	78.00	
Botany	65.15	
Dairy	49.30	
Horticulture	189.96	
		<hr/>
Total two-year equipment		\$ 624.57

Agricultural Experiment Station:

Agricultural engineering section	\$ 657.80	
Animal husbandry, livestock	3,763.00	

Animal husbandry, other equipment.....	2,266.95
Botany section	1,049.83
Bulletin section	280.62
Chemistry section	4,186.17
Dairy section	648.46
Dairy farm, live stock.....	623.00
Dairy farm, other equipment.....	205.00
Engineering experiment station.....	3,285.52
Entomological section	1,303.60
Farm crops section.....	1,727.78
Horticulture and forestry.....	2,041.62
Photo section	1,663.90
Poultry section, livestock.....	203.40
Poultry section, other equipment.....	992.40
Soils section	3,101.13
Veterinary section	490.00

Total station equipment.....	\$ 28,490.18
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FURNITURE.

College Departments:

Agricultural dean's office.....	\$ 1,372.50
Agricultural engineering	3,332.66
Agricultural extension	1,954.11
Animal husbandry	4,841.51
Agricultural journalism	1,330.30
Bacteriology	3,888.42
Botany	6,117.98
Chemistry	867.59
Civil engineering	8,453.80
Engineering hall (general furniture).....	4,743.20
Dairy	5,272.00
Dairy farm	98.50
Electrical engineering	1,831.14
Economics	1,182.75
English	3,854.42
Farm	87.50
Farm crops (including judging pavilion).....	12,453.66
Good roads	220.63
Hospital	398.50
Home economics	4,019.10
Horticulture and forestry.....	5,578.26
History and psychology.....	1,405.62
Library	688.14
Mechanical engineering	5,857.14
Mining engineering (engineering hall).....	3,885.00
Mining engineering (annex).....	3,446.22
Music	38.35

Military	20.00	
Physical	5,726.60	
Poultry	86.00	
Public speaking	936.22	
President's office	1,414.30	
Secretary and junior dean's office.....	2,526.57	
Soils	6,870.20	
Superintendent (office)	351.50	
Superintendent (heating plant).....	8.50	
Superintendent (carpenter shop).....	15.00	
Treasurer and registrar.....	5,453.96	
Veterinary	8,187.67	
Zoology	1,864.10	
Mathematical	2,749.58	
Modern Language	1,231.16	
Agricultural library	1,062.40	
Agricultural assembly and general furniture.....	3,758.26	
President's residence	1,614.80	
Margaret Hall	3,949.26	
Chapel	86.00	
Agricultural education	459.95	
Inventory clerk	35.00	
		<hr/>
Total department furniture.....		\$135,626.03
Two-Year Course in Agriculture:		
Agricultural engineering	\$ 124.50	
Animal husbandry	105.46	
Dairy	39.38	
Horticulture	57.50	
		<hr/>
Total two-year furniture.....		\$ 326.84
Agricultural Experiment Station:		
Chemical section	\$ 2,580.20	
Entomological section	241.62	
Engineering experiment section.....	116.50	
Farm crops section	832.00	
Photo section	365.50	
Poultry section	56.75	
Animal husbandry section.....	138.50	
		<hr/>
Total station furniture.....		\$ 4,331.07

SUPPLIES.

College Departments:		
Agricultural dean's office.....	\$ 135.65	
Agricultural engineering	689.56	

Agricultural extension	1,081.72	
Agricultural journalism	130.11	
Animal husbandry	1,703.45	
Bacteriology	1,740.60	
Botany	444.15	
Chemistry	14,868.99	
Civil engineering	504.84	
Dairy	1,079.49	
Dairy farm	329.57	
Electrical engineering	944.35	
English	125.00	
Farm	4,190.78	
Farm crops	375.08	
Good roads	95.69	
Hospital	530.41	
Home economics	1,123.09	
Horticulture and forestry	164.55	
Mechanical engineering	5,443.66	
Mining engineering	861.60	
Physics	5,023.30	
Poultry	345.85	
President's office	55.63	
Soils	1,725.99	
Veterinary	1,637.24	
Zoology	2,187.11	
Mathematics	65.00	
Junior dean's office	116.54	
Agricultural education	100.00	
Secretary's office	167.42	
Inventory clerk	56.15	
<hr/>		
Total department supplies		\$ 48,042.57
Two-Year Course in Agriculture:		
Animal husbandry	\$ 589.50	
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Total two-year supplies		\$ 589.50
Agricultural Experiment Station:		
Animal husbandry section	\$ 1,817.10	
Botany section	150.87	
Chemistry section	1,386.05	
Dairy section	497.03	
Dairy farm section	576.68	
Engineering experiment section	2,098.84	
Entomological section	158.04	
Farm crops section	363.55	
Horticulture and forestry section	278.45	
Photo section	125.75	
Poultry section	155.47	
Soils section	1,141.09	
<hr/>		
Total station supplies		\$ 8,748.92

Total College property \$2,772,490.22

The following exhibits show the receipts on account of the different funds during the past two years.

SECOND BIENNIAL REPORT

RECEIPTS.

I. EDUCATIONAL SUPPORT FUND.

From National Government:

	1910-11	1911-12
Interest on endowment fund.....	\$ 35,742.79	\$ 35,018.73
Morrill funds	45,000.00	50,000.00

From state:

Consolidated annual appropriation.....	135,000.00	135,000.00
Additional appropriation, 32d General Assembly..	20,000.00	20,000.00
Additional appropriation, 33d General Assembly..	40,000.00	40,000.00
Pro rata of annual appropriation of 34th General Assembly for first partial quarter.....	10,027.47	.....
Annual appropriation, 34th General Assembly.....	.....	50,000.00
Annual appropriation for purchase of books and periodicals for college library.....	4,900.00	4,900.00
Annual appropriation for library cataloguer.....	600.00	.....

From donations:

Rental on donated lands.....	7.40	1.00
Clay fund for support of agricultural journalism..	800.00	961.99

From Miscellaneous Sources:

Tuition from students residing outside of state....	6,677.50	8,147.50
Interest on treasurer's balance.....	1,943.05	3,380.95
Old land deposit fees credited to support fund....	39.50

Totals	\$300,698.21	\$347,449.67
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II. STUDENT FEES.

Janitor fees	\$ 24,189.40	\$ 29,872.69
Agricultural engineering	1,977.43	2,062.07
Animal husbandry, including short course.....	3,301.00	3,302.87
Bacteriology	674.92	1,025.00
Botany	1,176.65	1,530.00
Chemistry	6,503.39	8,126.20
Civil engineering	1,632.95	1,320.60
Dairy (including short course).....	1,518.50	1,744.13
Diploma (credited to registrar's office).....	1,217.00	1,230.00
Economic science .....	.....	15.00
Electrical engineering	561.00	469.00
English	688.90	193.25
Farm crops (including short course).....	1,834.10	1,863.78
Graduate school of agriculture.....	2,767.74	.....
Gymnasium fees (credited to F. L. & I.).....	14.00	18.00
Home economics	1,284.00	1,840.00
Horticulture (including short course).....	384.45	289.83
Horticulture, forestry .....	.....	57.00
Hospital	1,853.80	4,751.42
Mechanical engineering	2,732.25	2,444.02
Mining engineering	89.00	41.50

IOWA STATE BOARD OF EDUCATION

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Music (including rental of pianos).....	177.58	158.97
Physical culture	151.40	176.50
Physics	1,846.75	1,248.90
Poultry	18.00	18.75
Pipe organ rental (credited to F. L. & I.)	8.80	.....
Reclassification (credited to F. L. & I.)	36.00	37.00
Special examinations (credited to library)	570.25	539.00
Special students	67.00	20.00
Soils (including short course)	768.50	1,127.25
Summer school	286.00	471.75
Veterinary	1,266.00	818.00
Zoology	991.55	887.65
Totals	\$ 60,588.31	\$ 67,700.13

III. SCHOLARSHIP FUNDS.

Agricultural fellowship fund.....	\$ 420.00	\$ 500.00
Iowa State Fair scholarship.....	968.75	600.00
International Harvester scholarship.....	.....	300.00
Totals	\$ 1,388.75	\$ 1,400.00

IV. TWO-YEAR COURSE IN AGRICULTURE.

From state:

Pro rata annual appropriation for first partial quarter	\$ 5,013.74	.....
Annual appropriation .....	.....	\$ 25,000.00

From student fees:

Agronomy .....	.....	382.75
Agricultural engineering .....	.....	802.85
Animal husbandry .....	.....	814.00
Botany	285.35
Dairy	23.50
English	14.25
Horticulture	112.75

Totals	\$ 5,013.74	\$ 27,935.45
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V. AGRICULTURAL EXTENSION WORK.

From State:

Annual appropriation	\$ 32,000.00	\$ 50,000.00
Pro rata appropriation 34th General Assembly....	2,005.49	.....
Totals	\$ 34,005.49	\$ 50,000.00

VI. EXPERIMENT FUNDS.

Agricultural Experiment Station:

From National Government, Hatch act.....	\$ 15,000.00	\$ 15,000.00
From National Government, Adams act.....	15,000.00	15,000.00

From state, annual appropriation.....	40,000.00	55,000.00
Pro rata appropriation, 34th General Assembly....	3,008.24	.....
Livestock experimentation	1,400.00	450.00
Engineering Experiment Station:		
From state, annual appropriation.....	5,000.00	10,000.00
Pro rata appropriation, 34th General Assembly...	1,002.75	.....
Good Roads Experimentation:		
From state, annual appropriation.....	5,000.00	10,000.00
Pro rata appropriation, 34th General Assembly....	1,002.75	.....
Totals	\$ 86,413.74	\$105,450.00

VII. BUILDING AND EQUIPMENT FUNDS.

From State (drawn from state treasury):		
Annual repair and contingent fund.....	\$ 36,000.00	\$ 36,000.00
Annual special building tax.....	106,521.58	182,200.00
Central heating plant.....	40,664.19	1,860.58
Agricultural Hall furniture.....	15,749.83	23.52
Walks and grading.....	565.85	435.36
Engineering annex furniture.....	2,012.67	200.00
Pure bred stock purchase.....	3,568.59	.....
Equipment of departments—		
Old appropriation	7,793.56	1,700.29
New appropriation .....	.....	32,500.00
Heating plant .....	.....	4,800.00
Public grounds improvements.....	.....	6,728.00
Totals from state.....	\$212,876.27	\$266,447.75
From students and others (credited to room rent account):		
Rental of rooms.....	\$ 2,267.15	\$ 5,004.84
Sale of wreckage.....	116.75	87.03
Net receipts from custodian's store room.....	1,207.31	.....
Totals from all sources.....	\$216,467.48	\$271,539.62

SUMMARY OF RECEIPTS.

I. Educational support funds.....	\$300,698.21	\$347,449.67
II. Fees and tuition	60,588.31	67,700.13
III. Scholarship funds	1,388.75	1,400.00
IV. Two-year course in agriculture.....	5,013.74	27,935.45
V. Agricultural extension	34,005.49	50,000.00
VI. Experiment funds	86,413.74	105,450.00
VII. Building and equipment funds.....	216,467.48	271,539.62
Totals	\$704,575.72	\$871,474.87

The sales of departments, and fees refunded, are not included in the above. This statement differs therefore to this extent from the treasurer's report.

EXPENDITURES FOR THE BIENNIAL PERIOD.

These expenditures are arranged under such headings as will best exhibit the cost of maintaining the different lines of work and show the amount invested in buildings and equipment during the two years.

The headings chosen and the expenditures under each are as follows:

1. College educational work.....	\$332,075.17	\$399,745.52
2. Non-collegiate educational work.....		22,440.69
3. Agricultural extension	36,594.93	39,106.04
4. Experimentation	79,072.50	92,815.76
5. Buildings and equipment.....	211,204.01	259,537.24
	<hr/>	<hr/>
Totals	\$658,946.61	\$813,645.25

The balance sheet for the biennial period shows as follows:

RECEIPTS.

Cash on hand July 1, 1910.....		\$ 49,078.82
Receipts for 1910-11.....	\$704,575.72	
Receipts for 1911-12.....	871,474.87	1,576,050.59
	<hr/>	<hr/>
Total		\$1,625,129.41

EXPENDITURES.

Expended 1910-11		\$658,946.61
Expended 1911-12		813,645.25
Cash balance		152,537.55
		<hr/>
Total		\$1,625,129.41

The balance is credited to the following funds:

EDUCATIONAL FUNDS.

Support funds	\$ 73,059.99	
Two-year funds	10,508.50	
Books and periodicals.....	438.75	
Piano rental	239.47	
Scholarships	1,150.46	
	<hr/>	\$ 85,397.17
Agricultural extension		11,012.33

EXPERIMENT FUNDS.

Agricultural experiment station.....	\$ 23,027.70	
Engineering experiment station.....	2,367.31	
Good roads experimentation.....	3,137.52	
	<hr/>	28,532.53

SECOND BIENNIAL REPORT

BUILDINGS AND IMPROVEMENT FUNDS.

Special building tax.....	\$ 41.24	
Engineering annex furniture.....	186.63	
Additional department equipment.....	120.46	
Heating plant	17.35	
Public grounds improvement.....	.68	
Room rent	3,268.05	
Repair and contingent.....	21,127.39	
		24,760.44

TRUST FUNDS.

Hospital fund balance.....	2,835.08
	<u>\$152,537.55</u>

The most important line of expenditure is the

COLLEGE EDUCATIONAL WORK.

EXPENDITURES.

FOR WHAT PURPOSE.	1910-1911		1911-1912	
	From Fees	From Support Fund	From Fees	From Support Fund
1. Salaries—				
Professors, assistant professors and administrative officers		\$ 131,635.25		\$ 150,988.97
Instructors and assistants		53,554.19		58,393.15
2. Department expenses and ordinary equipment—				
Agricultural education				1,006.52
Agricultural engineering	\$ 1,977.43	1,550.84	\$ 2,062.07	1,498.00
Agricultural journalism		868.05		1,500.18
Animal husbandry (including short course)	3,301.00	897.46	3,302.87	3,016.94
Bacteriology	674.92	873.61	1,025.00	2,138.67
Botany	1,176.65	1,063.62	1,530.00	2,000.78
Chemistry	6,508.89	933.42	8,126.20	1,621.26
Civil Engineering	1,632.95	1,403.47	1,320.60	2,972.95
Dairy (including short course).....	1,518.50	1,635.28	1,744.13	1,333.10
Dairy farm		1,785.98		1,711.11
Economic science		277.05	15.00	388.44
Electrical engineering	561.00	1,049.96	469.00	3,633.97
English	688.90	72.87	193.23	201.25
Farm		2,835.67		3,694.28
Farm crops (including short course).....	1,834.10	925.73	1,863.78	3,908.61
Graduate school	2,767.74	2,450.00		
History		157.61		172.10
Home economics	1,284.00	1,532.71	1,840.00	1,826.41
Horticulture (including short course).....	384.45	2,544.17	239.83	3,097.75
Horticulture, forestry			57.00	653.11
Hospital	1,853.80	22.62	4,751.42	1,723.81
Library—general	570.25	1,167.61	539.00	3,211.40
Library—books and periodicals		5,244.26		4,463.75
Mathematics		212.49		108.67
Mechanical engineering	2,732.25	1,617.35	2,444.02	2,703.44
Military		396.43		302.89
Mining engineering	89.00	1,985.58	41.50	3,292.86
Modern language		111.78		72.19
Music (including rental of pianos).....	177.58	48.81	158.07	2,378.70
Physical culture	151.40	39.19	176.50	.73
Physics and illuminating engineering.....	1,846.75	945.56	1,248.90	2,627.01
Poultry	18.00	1,128.46	18.75	1,579.73
Public speaking		80.00		109.78

COLLEGE EDUCATIONAL WORK.—CONTINUED.
EXPENDITURES.

FOR WHAT PURPOSE.	1910-1911		1911-1912	
	From Fees	From Support Fund	From Fees	From Support Fund
Scholarship funds -----		956.26		1,224.90
Soils (including short course) -----	768.50	944.47	1,127.25	2,202.74
Summer school -----	286.00	1,000.00	471.75	92.01
Veterinary -----	1,266.00	1,193.15	818.00	4,226.72
Zoology -----	991.55	751.32	887.65	1,610.38
3. Administrative and general expenses—including clerk hire and other expenses of the executive and administrative offices; cost of catalogs, compendiums, diplomas, advertising, telephone service, inter-department mail service, proctors, ringing chimes, commencement, Sabbath services, etc. -----	1,217.00	17,023.64	9,397.50	12,842.47
4. Maintenance of buildings and grounds—Buildings—heat, light and janitor service -----	24,248.20	24,820.62	29,927.60	28,901.46
Grounds—labor, equipment and supplies -----		3,705.90		8,308.01
Totals -----	\$ 60,521.31	\$ 271,602.67	\$ 75,847.63	\$ 325,714.44
Less net receipts, music department -----		48.81		
Less net receipts, hospital, physical culture and summer school -----				1,816.55
Total -----	\$ 60,521.31	\$ 271,553.86	\$ 75,847.63	\$ 323,897.89

SUMMARY.		1910-11	1911-12
Salaries -----		\$ 185,189.44	\$ 209,382.12
Department expenses and ordinary equipment -----		75,861.37	100,986.27
Administrative and general expenses -----		18,240.64	22,239.97
Maintenance of buildings and grounds -----		52,783.72	67,137.16
Totals -----		\$ 332,075.17	\$ 399,745.52

Many of the departments, including especially those of an industrial character, receive considerable income from the sale of their products. Set over against this income is the cost of producing the articles sold. The two, in general, practically balance each other. Under the law, an amount equal to these sales is deducted from both sides of the account in order that the figures given may represent the actual cost of maintaining the several lines of work. A detailed statement of these sales will be found below. If the amounts given are added in each case to those of the previous table the gross expenditures of each department can be readily ascertained.

SECOND BIENNIAL REPORT

SALES OF DEPARTMENTS.

Agricultural engineering	\$ 783.56	\$ 651.62
Animal husbandry	82.00	93.77
Bacteriology		81.54
Botany		3.25
Civil engineering	150.30	104.00
Dairy	25,136.36	27,886.70
Dairy farm	4,250.38	4,807.19
English		6.00
Farm	11,212.16	13,873.89
Farm crops	4.90	55.04
Fires, lights and incidentals.....	8,852.44	6,601.79
Horticulture	1,134.48	1,308.15
Hospital	700.86	390.55
Janitor	53.15	
Library	33.05	53.76
Mechanical engineering	549.85	673.43
Mining engineering	89.50	115.95
Physics	8.50	
Poultry	313.19	458.40
Soils		1.50
Public grounds	69.44	117.50
Veterinary	1,318.25	1,294.15
Chemistry		1,653.02

Totals	\$ 54,742.37	\$ 60,231.20
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Sales of experiment station:

Agricultural experiment station.....	\$ 11,742.71	\$ 13,271.08
Engineering experiment station.....	481.11	711.90
Agricultural extension	278.50	790.31

Totals	\$ 67,244.69	\$ 75,004.49
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TWO-YEAR COURSE IN AGRICULTURE.

This non-collegiate course in agriculture was established by the last legislature, for young men who have neither the time nor the means to prepare for college and take a college course. A one-year course in dairying and a one-year course in poultry are run in connection with it. The legislature provided an annual fund of \$25,000 for its support. The number in attendance last year was as follows:

Two-year course	154	
One year dairying	29	
One year poultry.....	5	188

This year the total enrollment is 191.

The following are the expenditures for the past fiscal year classified by departments:

EXPENDITURES 1911-12.

Salaries		\$ 15,459.81
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Department expenditures:

Agricultural dean	\$ 140.53	
Agronomy	479.24	
Agricultural engineering	1,498.88	
Animal husbandry	1,263.11	
Botany	627.20	
Dairy	592.18	
English	49.83	
Heating and lighting.....	1,500.00	
History	16.56	
Horticulture	813.35	
		<u>6,980.88</u>

Total expenditures	\$ 22,440.69
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The following is a summary of the financial transactions on account of this fund for the year:

Cash balance July 1, 1910.....	\$ 5,013.74
Appropriation 1911-12	25,000.00
Income from student fees.....	2,935.45

Total receipts	\$ 32,949.19
Expenditures 1911-12	<u>22,440.69</u>

Balance unexpended	\$ 10,508.50
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After reserving \$4,000 as a working balance there remains \$6,508.50 available for appropriation. This amount is needed to equip the different departments of the work and has already been set aside in part for this purpose as follows:

Agronomy:

Equipment	\$ 154.60	
Furniture	142.25	
Special supplies	319.81	
		<u>\$ 616.66</u>

Agricultural engineering:

Equipment	\$ 181.00	
Furniture	310.36	
		<u>491.36</u>

Animal Husbandry:

Equipment	\$ 161.30	
Furniture	142.50	
		<u>303.80</u>

Botany and Horticulture:

Equipment for botany.....	\$ 1,140.00	
Equipment for horticulture.....	37.00	
Furniture for botany.....	258.00	
Furniture for horticulture.....	195.00	
Joint furniture for botany and horticulture.....	405.00	
		<u>2,035.00</u>

Dairy:

Equipment	40.00
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English:

Equipment (books)	\$ 50.00
Furniture	554.25
	<hr/>
	604.25

Total	\$ 4,091.07
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The balance, \$2,417.43, will be used in the near future. The annual fund of \$25,000 has been appropriated by the Board of Education for the coming year as follows:

Agronomy:

(b) H. L. Eichling, asst. prof.	\$ 1,600.00
(c) D. Zentmire, instructor	1,000.00
Current expenses	300.00
	<hr/>
	\$ 2,900.00

Agricultural Engineering:

(b) C. K. Shedd, increase beginning Sept. 1....	\$ 1,700.00
(c) M. H. Hoffman, carpenter.....	450.00
(c) Harry Cameron, blacksmithing.....	450.00
L. M. Kelley, $\frac{1}{2}$ time.....	390.00
Current expenses	709.50
	<hr/>
	3,699.50

Animal Husbandry:

(a) M. G. Thornburg.....	\$ 1,800.00
(c) P. R. Lisher.....	1,200.00
Student Asst. Poultry.....	250.00
Current expenses	800.00
	<hr/>
	4,050.00

Botany and Horticulture:

(b) J. C. Cunningham.....	\$ 1,800.00
(c) F. J. Overlay.....	800.00
Student asst. Botany	400.00
Current expenses—Botany	170.00
Current expenses—Horticulture.....	210.00
	<hr/>
	3,380.00

Chemistry:

(c) Earl D. Bisbee.....	\$ 400.00
Current expenses	80.00
	<hr/>
	480.00

Dairy:

(c) H. J. Evans, 2 mo., $\frac{1}{2}$ time and }	\$ 750.00
(c) M. R. Tolstrup, 10 mo.....	
(c) W. W. Wobus, 12 mo.....	1,200.00
	<hr/>
	1,950.00

English:

(a) Elizabeth Maclean	\$ 1,500.00	
(b) Esther Cooper	1,000.00	
(c) Mabel Fleming	800.00	
Current expenses	100.00	
		<hr/> 3,400.00

History and Political Economy:

(c) _____, instructor	\$ 1,000.00	
Current expenses	50.00	
		<hr/> 1,050.00

Mathematics:

(c) May Chase	\$ 1,000.00	
Student instructor	150.00	
		<hr/> 1,150.00

Modern Language:

(c) Instructor		150.00
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Public Speaking:

(c) Charlotte Dryden, Instructor	\$ 300.00	
Current expenses	10.00	
		<hr/> 310.00

Veterinary:

(c) J. D. Cline	\$ 300.00	
Current expenses	50.00	
		<hr/> 350.00

Agricultural Dean:

Current expenses		200.00
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Heating, lighting and janitor service for recitation
rooms and administrative expenses.....

1,500.00

Total	\$ 24,569.50	
Available balance		430.50

 \$25,000.00

AGRICULTURAL EXTENSION WORK.

This department was established in 1906. The first appropriation for its support was \$15,000 annually. The various legislatures increased this amount to \$27,000, \$32,000 and finally to \$50,000. Of this last amount, \$8,000 runs only during the biennial period ending June 30, 1913. The Board asks that this \$8,000 be made permanent and that the appropriation be increased \$50,000 annually.

The following shows the financial transactions relating to this fund during the last two years:

SECOND BIENNIAL REPORT

RECEIPTS.

Balance on college treasurer's books brought over from previous years.....	\$ 2,707.81	
Annual appropriation 1910-11.....	32,000.00	
Pro rata appropriation, 34th General Assembly....	2,005.49	
Annual appropriation for 1911-12.....	50,000.00	
Total receipts		\$ 86,713.30

EXPENDITURES.

Salaries:		
	1910-11	1911-12
Staff, including extension secretary and short course workers	\$ 21,652.42	\$ 21,824.33
Labor:		
Stenographic and clerical	2,540.09	2,312.05
Additional office help.....	2,353.01	3,682.38
Additional outside help	1,704.10	2,558.33
Supplies and other expenses:		
Stationery and office supplies.....	\$ 519.22	\$ 259.92
Postage	1,537.48	1,670.00
Printing, bulletins	1,943.10	3,181.12
Charts, maps and photos.....	884.55	612.92
Department supplies	944.27	1,165.12
Freight, express and drayage.....	397.72	323.29
Telegrams and telephones.....	256.04	190.51
State fair expenses.....	155.06	168.71
Traveling expenses	1,986.37	1,947.67
Totals	\$ 36,873.43	\$ 39,896.35
Less receipts for official testing.....	278.50	790.31
Net expenditures	\$ 36,594.93	\$ 39,106.04

SUMMARY.

Available fund		\$ 86,713.30
Expended in 1910-11.....	\$ 36,594.93	
Expended in 1911-12.....	39,106.04	75,700.97

Balance on hand.....	\$ 11,012.33
The funds available for the coming year are as follows:	
Balance on hand.....	\$ 11,012.33
Annual appropriation	50,000.00
Receipts from Marsh test (estimated).....	500.00

Total	\$ 61,512.33
The following is the expense budget for the coming year:	

AGRICULTURAL EXTENSION BUDGET, 1912-13.

Salaries:

W. J. Kennedy, director.....	\$ 3,500.00
E. C. Bishop, schools and junior work 2 mo. at \$2,100; 10 mo. at \$2,300. \$1,300 paid by the U. S. Dept. of Agriculture.....	966.66
R. K. Farrar, schools, 10 mo. at \$1,800.....	1,500.00
_____, schools, 10 mo.	1,666.66
_____, boys' and girls' club work.....	1,250.00
_____, soils	2,000.00
R. K. Bliss, animal husbandry 2 mo. at \$2,000.....	333.33
Howard Vaughn, beginning Oct. 15 at \$1,800.....	1,275.00
A. A. Burger, animal husbandry 2 mo. at \$1,300.....	1,416.67
Roy F. O'Donnell, animal husbandry 9 mo. at \$1,600 }	
Geo. W. Godfrey, animal husbandry, 3 1-3 mo.....	500.00
C. R. Bush, animal husbandry, 3 1-3 mo.....	500.00
R. A. Cave, dairy test work, 2 mo. at \$1,100; 10 mo. at \$1,300.....	1,266.66
_____, dairy manufacture.....	1,166.66
M. L. Mosher, farm crops.....	2,166.66
Geo. Dunlop, farm crops.....	1,000.00
Paul C. Taff, farm crops 7 mo.....	700.00
E. L. Stewart, soils 3 1-3 mo.....	500.00
M. A. Hauser, farm crops 3 1-3 mo.....	500.00
_____, farm crops 3 1-3 mo.....	500.00
R. S. Herrick, horticulture, beginning Aug. 20 at \$1,800 per annum.....	1,550.00
E. Y. Cable, agricultural engineering 2 mo. at \$1,100; 10 mo. at \$1,300.....	1,266.66
Neale S. Knowles, domestic science.....	1,600.00
Mrs. L. Campbell, domestic science, 2 mo. at \$900; 10 mo. at \$1,200.....	1,150.00
_____, domestic science, 3 1-3 mo.....	333.33
_____, domestic science, 3 1-3 mo.....	333.33
_____, domestic science, 3 1-3 mo.....	333.33
_____, domestic science, 3 1-3 mo.....	333.33
E. M. Benton, poultry.....	833.33
J. D. Cline, veterinary, Nov. 1-Mar. 31.....	800.00
A. A. Smith, secretary, 6 mo. at \$75; 6 mo. at \$80..	930.00
F. W. Beckman, part salary.....	150.00

Total salaries \$ 32,321.61

General Expenses:

Bulletin and report	3,500.00
Charts, maps, photos and lantern slides.....	1,000.00
Stationery and postage.....	1,800.00
State fair exhibit.....	200.00
Traveling expenses.....	2,500.00

Emergency fund.....	2,910.07	
Additional outside help.....	1,800.00	
Office help.....	4,780.00	
		<hr/> 18,490.07
Total appropriated.....		\$ 50,811.68
Balance subject to appropriation.....		10,700.65
		<hr/> \$ 61,512.33

EXPERIMENT FUNDS.

The following are the lines of experimental work pursued by the College:

1. Agricultural Experiment Station.
2. Horse Breeding experimentation.
3. Engineering experiment station.
4. Good roads experimentation.

These are considered in their order:

AGRICULTURAL EXPERIMENT STATION.

This station was established in 1887. It derives its support in part from the national government, and in part from the state as follows:

From the national government.....	\$ 30,000.00
From the state.....	55,000.00
Total	<hr/> \$ 85,000.00

The receipts and expenditures for the past biennial period are set forth in the following exhibit:

RECEIPTS.

Cash balance at beginning of biennial perior.....		\$ 6,255.66
From National Government, Hatch Act, 1910-11....	\$ 15,000.00	
From National Government, Adams Act, 1910-11...	15,000.00	
From State, annual appropriation.....	40,000.00	
Pro rata appropriation, 34th G. A.....	3,008.24	
		<hr/> 73,008.24
From National Government, Hatch Act, 1911-12....	15,000.00	
From National Government, Adams Act, 1911-12...	15,000.00	
From State, annual appropriation.....	55,000.00	
		<hr/> 85,000.00
Total		<hr/> \$164,263.90

EXPENDITURES.

	1910-11	1911-12
Salaries of station staff.....	\$ 30,998.65	\$ 35,057.42
Salaries of station assistants.....	2,431.54	1,240.00
Agricultural Engineering Section.....	1,319.43	1,594.41

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Animal Husbandry Section.....	11,836.68	14,758.39
Bacteriology Section.....		293.97
Botany Section.....	823.01	983.50
Bulletin section.....	2,662.42	4,657.51
Chemical Section.....	1,784.40	2,915.18
Dairy Section.....	1,938.73	1,667.07
Dairy Farm Section.....	2,037.10	2,151.96
Director's Section.....	1,628.06	1,696.02
Entomological Section.....	1,000.50	910.96
Farm Crops Section.....	4,935.77	4,682.79
Forestry Section.....		1,019.31
General Expenses.....	169.09	290.73
Horticultural Section.....	5,823.31	5,887.21
Photo Section.....	1,350.63	1,410.62
Poultry Section.....	1,250.02	1,181.76
Soils Section.....	4,802.60	5,975.93
Veterinary Section.....	961.23	122.00
Totals	\$ 77,753.25	\$ 88,496.74
Less sales.....	11,742.71	13,271.08
Total expenditures of national and state funds	\$ 66,010.54	\$ 75,225.66

SUMMARY.

Total receipts, including cash balance.....	\$164,263.90
Expenditures:	
For 1910-1911.....	\$ 66,010.54
For 1911-1912.....	75,225.66
	<u>141,236.20</u>
Cash on hand, July 1, 1912.....	\$ 23,027.70
The following is the amount available for the use of the station during the coming fiscal year:	
Cash in hands of College Treasurer, July 1, 1912...	\$ 23,027.70
From National Government, Hatch Act.....	15,000.00
From National Government, Adams Act.....	15,000.00
From state, consolidated appropriation.....	55,000.00
Total	<u>\$108,027.70</u>

The following is the budget for the year ending June 30, 1913:

AGRICULTURAL EXPERIMENT STATION BUDGET.

1912-13.

Salaries of station staff and assistants.....	\$ 46,475.00
Expenses of Sections:	
Director's office.....	\$ 1,800.00
Bulletins and bulletin office.....	5,000.00

Animal Husbandry.....	6,000.00	
Soils	5,700.00	
Farm Crops.....	4,750.00	
Horticulture	4,750.00	
Forestry	1,200.00	
Dairy manufacture.....	1,800.00	
Agricultural engineering.....	2,750.00	
Veterinary science.....	2,000.00	
Dairy Farm.....	2,200.00	
Poultry	1,500.00	
Chemistry	3,300.00	
Entomology	1,125.00	
Botany	1,300.00	
Bacteriology	300.00	
Soils Survey, Bremer county.....	600.00	
Photo supplies and help.....	800.00	
State Fair exhibit.....	200.00	
		47,075.00
Equipment and Furniture:		
Bulletin section.....	\$ 63.00	
Chemistry section.....	510.00	
Dairy section.....	115.00	
Entomological section.....	175.00	
Forestry section.....	120.00	
Photo section.....	255.00	
		1,238.00
Total		\$ 94,788.00
Balance		13,239.70
		\$108,027.70

Since the State Support fund is payable only at the end of the respective quarters, it has been found necessary to set aside a working balance to meet the bills of the first two months of each quarter. A balance of \$11,000 is sufficient for this purpose. This leaves \$2,239.70 available for further appropriation. It is asked that the annual fund for the support of the Station be increased \$50,000.00.

HORSE BREEDING EXPERIMENTATION.

It is provided in the state law establishing experimental work along this line that the amount furnished by the state shall equal the amount allotted to the College by the National Department of Agriculture for this purpose. The upper limit of the fund is fixed at \$7,500.

The receipts and disbursements for the biennial period are as follows:

RECEIPTS.

Balance brought forward.....	\$ 3.61
Drawn from State Treasury, 1910-11.....	1,400.00
Drawn from State Treasury, 1911-12.....	450.00
Total	\$ 1,853.61

EXPENDITURES

	1910-11	1911-12
Salaries of horsemen.....	\$ 173.75	\$ 400.00
Traveling expenses.....	12.63	
Feed stuffs.....	819.68	
Freight	6.53	
Part payment stallion, Scott's Cray.....		441.02
Totals	\$ 1,012.59	\$ 841.02

SUMMARY.

Receipts, including balance brought forward.....	\$ 1,853.61
Expenditures for 1910-11.....	\$ 1,012.59
Expenditures for 1911-12.....	841.02
	1,853.61

To balance the \$1,850 furnished by the state, the National Department of Agriculture allotted to the experiment, the following:

Marmion (stallion).....	\$ 1,400.00
Rosebud (mare).....	450.00
Total	\$ 1,850.00

ENGINEERING EXPERIMENT STATION.

This station was established in 1904. The annual appropriations for its maintenance, starting with \$3,000, have been advanced by successive legislatures to \$3,500, \$5,000 and \$10,000. The Board of Education asks now that its support fund be increased to \$15,000 annually. The following are the receipts and expenditures for the biennial period:

RECEIPTS.

Cash on hand July 1, 1910.....	\$ 2,297.38
From state, annual appropriation, 1910-11.....	5,000.00
From state, first partial quarterly payment on new appropriation	1,002.75
From state, annual appropriation, 1911-12.....	10,000.00
Total	\$ 18,300.13

EXPENDITURES.

Salaries:	1910-11	1911-12
A. Marston.....\$	250.00	\$ 458.34
William M. Barr.....	100.00	16.68
F. M. Okey.....	500.00	
H. W. Wagner.....		900.00
G. A. Gabriel.....		83.33
M. F. Beecher.....		570.00
O. M. Smith.....	416.65	1,183.32
C. S. Nichols.....	275.00	750.00
A. O. Anderson.....	677.78	1,800.00
Office Help.....	192.51	291.45
Experimental labor.....	1,250.30	601.98
General labor.....	302.33	168.62
Water tax.....	9.57	8.47
Gas	16.40	49.50
Exhibit fee, cement show.....	15.00	32.50
Equipment	641.33	75.00
Cuts and printing.....	421.62	846.42
Office supplies	198.22	102.71
Freight, express and drayage.....	108.66	57.81
Miscellaneous supplies.....	1,006.77	769.40
Typewriter rental.....	10.50	
Gasoline and oil.....	64.03	26.75
Traveling expenses.....	715.57	375.13
Photos	96.95	20.09
Electricity	93.70	19.64
Postage	80.00	119.36
Coal		50.33
Lumber	133.48	117.29
Ice		3.50
Furniture	15.75	31.40
Telegrams and telephones.....	32.76	20.56
Repairs	33.62	7.75
Totals	\$ 7,568.50	\$ 9,557.33
Deduct sales of department.....	481.11	711.90
Total expenditures of state appropriations...	\$ 7,087.39	\$ 8,845.43

SUMMARY.

Total receipts, including cash balance.....	\$ 18,300.13
Expenditures:	
For 1910-11.....\$	7,087.39
For 1911-12.....	8,845.43
	<u>\$ 15,932.82</u>
Cash on hand, July 1, 1912.....	\$ 2,367.31

This balance of \$2,367.31, together with the annual appropriation of \$10,000, will make a fund of \$12,367.31 available for the next fiscal year.

The expense budget for the year as approved by the Board of Education is as follows:

ENGINEERING EXPERIMENT STATION BUDGET.

1912-13.

Salaries:

A. Marston, Director, part salary (Also paid \$3,500 from College Support Fund as Dean of Engineering	\$ 500.00	
G. A. Gabriel, Industrial Chemist, part salary, 12 months basis. (Also paid \$1,700 from College Support funds as Acting Assistant Professor of Mining Engineering).....	100.00	
A. O. Anderson, Assistant Engineer, full salary, 12 months basis.....	1,800.00	
Otto M. Smith, Assistant Chemist, full salary, 12 months basis.....	1,200.00	
H. W. Wagner, Assistant in Mechanical and Electrical Engineering.....	1,250.00	
M. F. Beecher, Assistant in Ceramics, one-half salary, 12 months basis. (Also receives \$625 as instructor in Mining Engineering department)	625.00	
C. S. Nichols, Assistant to Director, 12 months basis. (Also receives \$800 from College Support funds as Dean's Secretary).....	800.00	
		\$ 6,275.00

Current Expenses:

Clerical help.....	\$ 100.00	
Printing	1,500.00	
Postage and office supplies.....	200.00	
For expenses of investigations, including laboratory supplies, apparatus, repairs, traveling expenses and extra labor; expenses of making cement and clay tile tests; conducting sewage disposal tests, electric light tests, electric grounding experiments, heating and ventilating tests, power plant studies, tests of stone, brick, cement, sand, gravel, and road materials; economic studies regarding water; history of road legislation and sewer analysis; and such miscellaneous expenses as must necessarily go with the conduct of the station.....	2,400.00	
Miscellaneous expenses.....	150.00	
Total	\$ 4,350.00	
Less estimated receipts from tests.....	625.00	
		3,725.00
		\$ 10,000.00

The budget does not trespass upon the balance of \$2,367.31 brought forward from last year. Of this balance \$2,000 will be needed as a permanent reserve fund to provide for the prompt payment of bills; the remainder, \$367.31, can be safely used to meet emergency expenses arising during the year.

GOOD ROADS EXPERIMENTATION.

This work is under the general direction of a Highway Commission, consisting of the Dean of Engineering, and the Dean of Agriculture. T. H. MacDonald is the engineer in direct charge. The duties of the Highway Commission were set forth in the last biennial report of the Board of Education. They are re-stated here for convenience:

1. To devise and adopt plans and systems of highway construction and maintenance, suited to the needs of the different counties of the State, and conduct demonstrations in such highway construction at least once each year, at some suitable place, for the instruction of county supervisors, township trustees, superintendents, students of the College and others.

2. To disseminate information and instruction to county supervisors and other highway officers who make request, and to answer inquiries and advise such supervisors and officers on questions pertaining to highway improvements, construction and maintenance. Whenever the board of supervisors of a county adjudges that the public necessity requires a public demonstration of improved highway construction, or maintenance in said county, and so requests and agrees to furnish necessary tools, help and motor power for same, it shall also be the duty of the commission to furnish free to the county as soon as practicable thereafter a trained and competent highway builder for such demonstration.

3. To formulate reasonable conditions and regulations for public demonstrations, and to promulgate advisory rules and regulations for the repair and maintenance of highways.

The present annual appropriation is \$10,000. The following exhibit shows the expenditure during each of the last two years:

EXPENDITURES.		1910-11	1911-12
Salaries:			
T. H. MacDonald.....	\$	2,000.00	\$ 2,224.98
J. E. Kirkham.....		300.00	300.00
C. S. Nichols.....		100.00	
F. R. White.....			914.34
C. B. McCullough.....		675.00	1,350.00
J. H. Ames.....			487.57
Experimental and demonstration work, design- ing, traveling expenses of speakers, repairs on machinery, cuts and printing.....		857.47	1,207.31
Office supplies and expenses, including stenograph- ic help, postage, freight, express, drayage, tele- grams and telephones.....		1,029.51	1,419.45
Totals	\$	4,961.98	\$ 7,903.65

SUMMARY.

Cash balance, July 1, 1910.....	\$	.40
Annual appropriation 1910-1911.....	\$	5,000.00
First partial payment new appropriation.....		1,002.75
Annual appropriation 1911-1912.....		10,000.00
		<hr/> 16,002.75

Total	\$	16,003.15
Expenditures 1910-1911.....	\$	4,961.98
Expenditures 1911-1912.....		7,903.65
		<hr/> \$ 12,865.63

Balance July 1, 1912.....	\$	3,137.52
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The following shows the amount available for the coming fiscal year:

Cash balance July 1, 1912.....	\$	3,137.52
Annual appropriation, 1912-13.....		10,000.00
		<hr/> \$ 13,137.52

The following is the budget for the coming year:

Salaries:

Thos. H. McDonald, Highway Engineer.....	\$	2,400.00
J. E. Kirkham, part salary, consulting Bridge Engineer, 12 months at \$25.....		300.00
C. B. McCullough, Assistant Engineer, 12 months at \$125.....		1,500.00
F. R. White, Field Engineer, 12 months at \$125..		1,500.00
J. H. Ames, Assistant, 12 months at \$90.....		1,080.00
		<hr/> \$ 6,780.00

Current Expenses:

Clerical—Miss Annie Bowen, 12 months at \$55..	\$	660.00
Extra help at 20c to 25c per hour not to exceed 12 months at \$10.....		120.00
Drafting room supplies and labor in preparation of plans and specifications for road, bridge and culvert work.....		700.00
Traveling expenses, exclusive of those paid by the counties, institutes and others.....		400.00
Office expenses, including stationery, telephone, telegraph, postage, etc.....		300.00
Fieldmen, including extra help on bridge and road surveys, inspectors and superintendents on demonstration and testing work.....		400.00
Publications and lectures and special research relative to bridge patents.....		400.00
Equipment and furniture for office drafting room and testing		891.28
		<hr/> \$ 3,871.28
		<hr/> \$ 10,651.28

This leaves a balance of \$2,486.24, of which \$2,000 is a sufficient working capital, leaving \$486.24 with which to meet emergencies.

BUILDINGS AND EQUIPMENT FUND EXPENDITURES.

The building and support funds of the College are kept entirely separate. This is not only good policy, but a requirement of both the National and State laws. The appropriations for equipment are special appropriations like those for buildings and are therefore grouped with the building accounts.

The expenditures for buildings, repairs and equipment during the biennial period may be summarized as follows:

	1910-11	1911-12
Repairs and contingencies.....	\$ 32,708.90	\$ 24,361.37
Special Building Tax:		
Hall of Agriculture.....	1,585.48	8,387.28
Ceramics Building.....	1,107.07	
Domestic Technology.....	54,400.94	149.33
Engineering Hall annex.....	266.10	
Veterinary Building.....	45,917.56	94,511.74
Gymnasium	3,241.78	66,079.32
Judging Pavilion.....	.30	13,033.44
Hall of Agriculture Furniture.....	15,760.64	23.52
Central Heating Plant.....	40,655.16	1,869.61
Heating Plant.....		4,782.65
Sidewalks and Grading.....	565.85	435.36
Engineering Annex Furniture.....	2,012.67	13.37
Purchase of Pure Bred Stock.....	3,568.59	
Equipment of Departments.....	7,791.88	1,701.97
Additional Department Equipment.....		32,379.54
Public Grounds Improvements.....		6,728.68
Room Rent.....	1,621.09	5,080.06
Totals	\$211,204.01	\$259,537.24

REPAIR AND CONTINGENT FUND.

This fund is used largely for keeping the College plant in repair and making minor improvements. It is apportioned by the Finance Committee among the different departments according to the urgency of their needs. At the beginning of each fiscal year the heads of the different departments present, through the President, to the Committee, a list of the repairs and improvements desired. Careful investigation is made by the Committee and the budget for the year prepared, a sufficient sum being reserved to meet all ordinary emergencies. The superintendent of buildings has direct charge of all work ordered. Itemized bills of labor employed and material purchased are made out and submitted to the Committee for approval, and an account is kept in the Secretary's office with each particular improvement or repair ordered.

The balance on hand at the end of the year appears large but this is due to the fact that repairs can, if the funds are available, be made to the best advantage during the summer vacation while the fund is drawn

from the State Treasury only in quarterly installments and at the end of the respective quarters. It is therefore necessary to have a large balance on hand at the beginning of each fiscal year.

The receipts and expenditures on account of this fund are set forth in the following exhibit:

RECEIPTS.

Cash balance on hand July 1, 1910, including amount transferred from tuition account.....	\$ 6,197.66
Annual appropriation 1910-1911.....	36,000.00
Annual appropriation 1911-1912.....	36,000.00
	<hr/> \$ 78,197.66

EXPENDITURES.

1910-1912.

Agricultural Engineering Hall:

Pipe covering.....	\$ 24.18
Painting gutters and valleys, repairing windows	333.36
Line shaft and tool lockers and re-wiring motor.	107.79
Cement laboratory for posts, tanks, etc., cleaning out and leveling floor and wiring for light....	1.14
Minor repairs in spraying laboratory.....	2.25
Installing old plumbing, floor, plastering ceiling, tinting wall in wash room.....	81.85
Sprinkler system for tool room.....	66.52
Areaway around door in machinery laboratory..	3.26
Shades in drawing room, dairy engineering lab- oratory and carpenter shop.....	26.24
Lockers	328.31
Drawing tables and boards.....	434.96
Installation of forges, anvils and connection to present exhaust system.....	122.67
Fitting up pump spraying room.....	163.25
Shelving and casing in horticultural laboratory for use of two years course.....	13.44
Bins in feed mill room and fanning room.....	46.25
Moving and installing lavatories, new floor, plas- tering, tinting and changing stairway.....	218.32
General expenses.....	288.17

Campus and Grounds:

Commission and expenses purchasing additional land for College farm.....	39.26
Bicycle for Supt. Sloss.....	45.20
Maintenance sewage disposal system.....	664.70
Sewer maintenance.....	239.95
Sewage plant siphons.....	551.80
Covering for pipes in tunnel.....	365.66

Repairs on campanile.....	27.60
General repairs campus and grounds.....	132.46
Grading around veterinary building and on south part of campus.....	104.49
Central Building:	
Glazing windows and refinishing outside doors..	92.84
Arranging shades in economics department for use of stereopticon.....	7.50
Slate blackboards, moulding for same and in- stalling	7.55
Repairs on ceiling in rooms 111 and 120.....	29.94
Tables and fixtures for botany department.....	89.35
Minor repairs central building.....	206.18
Chemical Building:	
Painting steps and porch, repairing areaways and new baseboard columns in chemical laboratory	209.82
General repairs in chemical laboratory.....	130.08
Addition to building and equipment.....	3,021.28
Fire escape	157.30
Foundation in lower hall and supports for stairs	36.97
Chemical laboratory hoods.....	58.47
Lift from second to third story.....	9.65
Repairs in plumbing, sinks and waste pipe.....	126.19
Extending cases on second floor dispensing room.	85.02
Lecture room table.....	70.99
Repairs and improvements in department.....	104.31
General repairs	100.35
Dairy Building:	
Repairing cheese vats in creamery.....	4.77
Live steam for dairy building and hall of agri- culture	1,243.00
Varnishing desks, doors and windows on first and second floors	161.62
Fitting up ice cream room.....	175.69
Rearranging machinery in creamery laboratory	244.76
Painting and varnishing woodwork and doors on first floor	* 72.25
Thermostat in bacteriology laboratory.....	50.52
General repairs on building.....	103.48
Engineering Buildings:	
Wiring in electrical engineering department....	46.27
Remodeling room 409 into class room.....	.77
Soldering and painting gutters, etc., forge shop..	37.22
Soldering and painting gutters and ridge boards, pattern shop	33.90
Painting and soldering gutters hydraulic labo- ratory	38.00

Soldering and painting gutters, ridge boards, sash and doors.....	36.19
Glazing windows and refinishing outside doors..	118.18
Mining engineering furnace repairs.....	6.07
Safety devices	75.00
Twenty-five shades for engineering hall.....	42.94
Installing machinery ceramics department.....	92.72
Work table and shelves for library.....	18.90
Fitting up room 315 for bulletin cases, and work on table	183.69
Cupola blocks, foundry cupola, shafting, hangers and pulleys, and minor expenses in mechanical engineering laboratory	84.99
Celebration table, electrical engineering.....	16.21
Lights in west wing of old engineering building	33.69
Stove for heating old power plant.....	29.30
Soil pipe for furnace stack in foundry.....	14.24
Repairs on roof of ceramics building.....	82.90
Installing equipment in ceramics building.....	50.00
Wiring in engineering annex.....	15.50
Ceramics plumbing	188.52
Ceramics Sewer	22.99
Installation of improved lighting in rooms 313, 314 and 408 in engineering hall and 201, 202, and 203 in engineering annex.....	39.36
Construction of 54 ft. brick chimney with fire day lining, smoke breeching.....	1,268.89
Door signs, mining and ceramics.....	5.10
Toilet room fixtures, mining and ceramics.....	.19
Repairing burned room mining and ceramics...	70.00
Placing 12 ft. countershaft and two ceiling hang- ers, mining and ceramics.....	6.90
One motor housing.....	6.00
Pyrometer housing and base.....	2.88
Mining and ceramics blackboards.....	18.13
Wiring for lantern, mining and ceramics.....	11.58
Door between rooms, mining and ceramics.....	10.35
Mining and ceramics letter slot.....	1.35
Toilet cabinet	2.75
Door card holders.....	.35
Chemistry bench, mining and ceramics.....	47.64
Ceramics plumbing	11.64
Alteration in physical laboratory, arch between rooms 209 and 210.....	315.27
Installing one section radiator for Good Roads department	29.24
Mechanical engineering settees and blackboards.	146.70

Purchase and installation of two regenerative flame arc lamps, one in forge shop and one in foundry	96.19
Additional radiation, engineering library.....	41.79
Good roads department repairs.....	148.07
General repairs	685.47
Moving and storing mechanical engineering equipment	2.25
Lighting west wing of second story in old engineering hall	36.26
Panel boxes and lighting fixtures.....	188.13
Farm Buildings and Equipment:	
Dairy farm buildings.....	11.57
Repairing floor and door in horse stall in farm barn	67.00
Repairing seats and blackboards on second floor of lower pavilion	9.93
Repairing seats and lattice work in new stock judging pavilion	10.39
Repairs on dairy barn ventilation.....	35.78
Heat connections inside new pavilion.....	696.93
Electric lights in feed sheds.....	41.21
Electric lights in sheep sheds.....	38.59
Addition to machine shed at dairy farm.....	110.43
Addition to boiler room.....	241.62
Extension of stable letter carrier.....	20.69
Tinting rooms main building at poultry farm....	12.00
Emergency repairs	469.94
Five heavy oak doors, hangers and fasteners for box stall in horse barn.....	99.94
Outlets for ventilation dairy farm barn.....	46.48
Feeding racks and mangers for feeding hay in calf stalls in bull shed and in lot south of barn	27.12
Rebuilding rack for feed boxes and mounting same on rollers.....	14.43
Sealing up roof of dairy farm barn.....	.08
Replacing two water tanks dairy farm.....	.30
Painting iron posts of yard fences poultry farm..	7.01
Screens for door and windows of main building, poultry farm	39.74
Protecting poultry farm plumbing.....	8.57
Repairs in experiment station barn, electric lights above the six stalls.....	17.02
Oiling and varnishing woodwork, poultry farm..	60.38
Isolation building for dairy farm.....	123.41
Repair of farm buildings.....	642.30
Heating tunnel connecting west pavilion with main tunnel of central heating plant.....	581.08
Cooking shed	103.12

Repairing roof on hog barn.....	161.74
Repairing and shingling roof of implement shed and making 16 ft. addition to same.....	187.33
Repairing and shingling roof of old pavilion.....	106.68
Reshingling north side of cattle barn.....	100.73
Repairing tops of desks in new judging pavilion.	2.00
Pavilion water main extension.....	29.14
Farm Improvements:	
Painting farm buildings and fences including farm foreman's house, teamster's house and animal husbandry cottage	79.69
New Posts and fences.....	5.00
Repairing drain and cess pool at poultry buildings	50.73
Extension of water pipes to pastures and cement tanks	147.90
Emergency repairs	17.34
Finance committee office supplies.....	19.32
Board and room for Superintendent Sloss.....	12.00
Traveling expenses	19.61
Fires, lights and incidentals.....	6,934.04
General Buildings:	
Gas mains	1,959.46
Boiler insurance	42.00
A. E. Shorthill Co., part payment, cement mixer.	400.00
Emergency repairs	15.81
Hall of Agriculture:	
Mains for electrical power and wiring 18 ovens for soils department	434.01
Agricultural experiment station batteries.....	311.80
Soils shelving cases in room No. 11, electric lights in basement	60.86
High pressure steam in laboratories.....	2,066.76
Benson and Marxer, changes in doors.....	160.00
Soils screens	45.88
Switch in room 11 and pendant switches in rooms 10 and 28.....	2.62
Re-arrangement of seats in soils class room.....	4.40
Soils, hood, glass in hood, plate glass in labora- tory tables	56.84
Repairing tops of desks in room 308, farm crops.	17.57
Repairs in agronomy department.....	192.73
Emergency repairs	197.97
Grating cover for drain in stable, winter door for stairway, etc., horticultural barn.....	2.48
Painting inside of college greenhouse.....	62.81
Repairing bench in greenhouse.....	10.17
Repairs to shed near post treating plant.....	6.92
Hot beds for horticultural department.....	67.79
Emergency repairs	437.95

Dark curtains, sliding blackboard, stereopticon screen, wall case	8.70
Pipe covering in basement of Margaret Hall....	339.56
Painting gutters and ridge boards, glazing sash, repairing sills, refinishing outside doors, Margaret Hall	240.11
Emergency repairs, Margaret Hall.....	13.89
Repairing and painting gutters, roof of porch, fix window stops in chapel, tile for front entrance, Morrill Hall	258.59
Pipe covering for pipes in basement of Morrill Hall	140.54
Partition between storeroom and laboratory and storeroom shelves and slides for drawers in department of zoology.....	76.29
Repairing organ in chapel.....	209.11
Tinting walls in chapel.....	100.00
Permanent wiring for stereopticon in chapel....	22.86
Emergency	250.49
Fixing windows and locks and brick work under porch, postoffice and book store.....	18.87
Residence for Superintendent Sloss.....	1,448.56
Repair of workmen's boarding house.....	140.96
Emergency repairs	465.36
Repairing plastering in hospital.....	49.71
Refinishing walls, painting, etc., hospital.....	69.02
Hospital porch railing.....	16.86
Lattice work under hospital porch.....	18.32
Double doors for herdsman's house.....	9.34
House for herdsman.....	272.01
Repairs on Prof. Summer's house.....	147.50
Repairs on Prof. Mortensen's House.....	17.40
Repairs on water spouts at farm house.....	13.02
Music Hall repairs	292.19
Repairs on Prof. Meeker's residence.....	136.53
Repairs on Prof. Noble's residence.....	313.78
Storm windows for Prof. Beach's house.....	11.04
Emergency repairs, professor's houses.....	398.34
Repairs on Prof. Curtiss' residence.....	1,561.47
Part salary first carpenter.....	1,255.00
Part salary second carpenter.....	919.55
Part salary third carpenter.....	840.00
Clerk of finance committee.....	1,064.52
Salary of painter	1,740.00
One-half salary Superintendent Sloss.....	2,375.00
Teamster for repair department.....	1,180.00
Part salary of treasurer.....	200.00
Sewer to veterinary building.....	1,498.60
Drain to veterinary building.....	1,013.37

Extension of water main.....	616.66
Emergency repairs	58.45
Domestic technology furniture.....	190.56
Emergency repair	8.75
Gymnasium storm sewer.....	2,285.97
Gymnasium sanitary sewer.....	638.95
Extension water main.....	663.70

Total \$ 57,070.27

The funds available, under this head, during the following fiscal year are as follows:

Cash balance on hand.....	\$ 21,127.39
Annual appropriation 1912-13.....	36,000.00

Total \$ 57,127.39

The Finance Committee has fixed upon the following partial budget:

REPAIR AND CONTINGENT FUND BUDGET FOR FISCAL YEAR.

1912-1913.

Fixed charges:

Thomas Sloss, superintendent, $\frac{1}{2}$ salary.....	\$ 1,250.00
Herman Knapp, treasurer, part salary.....	100.00
Fred Stocker, 1st carpenter, 12 mo. at \$55. Re- ceives also \$300 from room rent.....	660.00
B. F. Seymour, 2d carpenter, 12 mo. at \$40. Re- ceives also \$360 from room rent.....	480.00
F. A. Fox, 3d carpenter, 12 mo. at \$40. Re- ceives also \$240 from room rent.....	480.00
Tom Fults, teamster, 12 mo. at \$50.....	600.00
J. P. Reid, painted, 12 mo. at \$75.....	900.00
Bookkeeping expenses in connection with build- ings	600.00
Sewer maintenance	150.00
Sewage disposal	500.00
Incidental office expenses in connection with buildings	100.00
Superintendent's emergency fund.....	2,000.00
Fires, lights and incidentals.....	5,500.00
	<hr/>
	\$ 13,320.00

Unexpended balances, reappropriated:

Grading around veterinary barn and south side of campus	\$ 295.51
Repairs in plumbing, chemistry.....	19.60
Panel boxes and lighting fixtures (mining and ceramics)	611.87
Enclosing repair room, agricultural engineering	40.00
Toilet room fixtures (mining and ceramics)....	149.81
Two sanitary drinking fountains in Engineering Hall	30.00

Changes in piping in hydraulics laboratory.....	7.10	
Pyrometer housing and base.....	17.12	
Repair door and lock, mining and ceramics.....	5.00	
Moving and storing mechanical engineering equipment	147.75	
Substitution of cement and iron stalls in old cattle barn	350.00	
Fencing between bull pasture and calf pasture..	20.00	
Locks on poultry farm doors.....	5.00	
Isolation building for dairy farm.....	76.59	
Repair of farm buildings.....	157.70	
Fires, lights and incidentals.....	4,115.96	
Sewage disposal plant for Horticultural house and barn	200.00	
Electric light fixtures for superintendent's resi- dence	98.19	
Herdsman's house	1,227.99	
Rewiring buildings on campus.....	1,353.85	
Repairs on Cranford Hall.....	423.00	
Repairs on Chemical building.....	785.00	
Repairs Agricultural Engineering department...	300.00	
		\$ 10,437.04

NEW APPROPRIATIONS.

For surveying monuments on campus.....		\$ 200.00
Moving direct current equipment.....		100.00
Roofing and repairing Old Agricultural Hall....		4,000.00
Dairy:		
Screens for front door of building.....	\$ 12.00	
Cement steps from door leading to the outside from ice cream rooms.....	30.00	
High pressure steam connection for cheese room	12.00	
Gas connection for testing room on first floor....	10.00	
Repair blackboard in class room.....	10.00	
Add to shelves and strengthen same in supply room, bacteriological laboratory and in station- ery room	15.00	
Table for weighing in room between testing room and starter room on first floor, and place shelves in this room in the basement.....	25.00	
Ventilation for class room on second floor.....	5.00	
Window shades, 7 for first floor and 10 for second floor	26.00	
		\$ 145.00
Dairy Farm Department:		
Tinting rooms in house.....	\$ 60.00	
Repairing chimney on house.....	15.00	
Repairing locks on house doors.....	3.00	
Painting all buildings, estimated cost.....	225.00	

Repair cement floor.....	10.00		
Replacing glass in barn windows.....	15.00		
Rehanging iron panels in front of horse mangers	5.00		
Ten fire extinguishers @ \$8.....	80.00		
Securing silos to barn.....	50.00		
Extending waste tile drain (8 in.).....	50.00		
Repairing floor in shed adjoining south end of barn	10.00		
Register between office and herdsman's room in the barn	2.50		
		\$	525.50
Electrical Engineering Department:			
Painting floors of rooms 104, 105, 107, 108, 205, 206, and 207 in Engineering Annex with two coats of cement floor paint, 50 gal. paint at \$1.50.....	\$ 75.00		
100 hours labor at 35c.....	35.00		
		110.00	110.00
Professor Noble's Residence:			
Cement walk from sidewalk to house.....	\$ 45.00		
Papering six rooms.....	50.00		
Pine ceiling and sides in hall closet.....	2.00		
Cement floor in coal room (40 sq. ft.) and 6 sq. ft. outside cellar door.....	6.00		
		\$	103.00
Engineering Dean's Department:			
Replacing dark curtains in rooms 205, 207, 306 and 312, and repairing those in bad shape....	\$ 100.00	\$	100.00
Farm Department:			
Rebuilding stalls in cattle barn.....	\$ 250.00		
Repairing and painting Professor Mortensen's residence	275.00		
Repair concrete water tanks.....	20.00		
Finish draining swampy peat bog on North farm; (to be done by farm department).....	100.00		
		\$	645.00
Farm Crops Department:			
Drop light for room 301 (F. C. storeroom).....	\$ 2.50		
Make room 301 mouse proof.....	5.00		
		\$	7.50
Home Economics Department:			
Repairing and refinishing old lockers in Art de- partment	\$ 25.00	\$	25.00
President Stanton's Residence:			
Porch on east end of house; bay window or porch on south side, and such other improvements and repairs as Finance Committee shall con- sider expedient	\$ 800.00	\$	800.00
(Professor Stanton is authorized to erect sleeping porch, provided he will pay all expenses con- nected therewith.)			

Horticultural Department:

Repairing gardener's quarters.....	\$ 50.00	
Repairing refrigerator doors.....	5.00	
Repairing entrance way.....	3.00	
Plastering in the laboratory.....	12.00	
Bell traps	2.50	
Threshold and flush bolt for Horticultural laboratory basement	1.50	
Supports for heating pipes in the greenhouse....	15.00	
Repainting greenhouses	200.00	
Enlargement of potting room.....	7.50	
Sales counter	15.00	
Repair of threshold, west entrance to greenhouse	2.00	
Repair of gates at the Horticultural barn.....	6.00	
Double doors for entering the implement and tool shed	20.00	
Repainting greenhouse wall.....	40.00	
Compost yard	45.00	
Repainting the Horticultural barn and shed.....	50.00	
Water supply for house, barn, etc.....	75.00	
Repair of chimneys (2).....	5.00	
Repainting Horticultural residence.....	85.00	
		\$ 639.50

Mechanical Engineering Department:

Tinting ceiling, varnishing woodwork, painting side walls and floors in room 102.....	\$ 25.00	
Oiling floors in rooms 201, 202, 203.....	15.00	
		\$ 40.00

Library Department:

12 stack lights for general library.....	\$ 29.38	
1 buzzer for general library.....	3.45	
		\$ 32.83

Physics and Illuminating Gas:

Dark curtains for Engineering Assembly; opaque black and opaque light brown for each window on spring rollers.....	\$ 35.00	
Illumination in lecture room.....	50.00	
Extension of gas to the south photometer room..	6.00	
		\$ 91.00

Poultry Department:

Painting of all buildings, including colony houses, estimated cost	\$ 125.00	\$ 125.00
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Miscellaneous Repairs:

President's residence; painting and repairing outside	\$ 100.00	
Painting and repairing inside.....	400.00	
Repair department, one light wagon.....	60.00	
Hydraulics and Structural laboratory; shingles.	30.00	
Extension of water main between Engineering building and annex.....	150.00	
		\$ 740.00

Soils Department:

1 cupboard in room 11.....	\$ 10.00	
Sash cord to windows in the hoods of rooms 8, 10, 11, and research laboratory, to be replaced with chain	5.00	
3 plate glass for table tops 28 $\frac{3}{4}$ "x60".....	\$ 8.00	
1 plate glass for table top 15 $\frac{1}{2}$ "x18 $\frac{1}{2}$ ".....	2.00	
Shelves for 36 lockers, room 4.....	10.00	
2 glasses for hoods in room 4.....	2.50	
	22.50	
Repair on desks on rooms 8 and 11.....	\$10.00	
Repair on desk chair in room 12.....	1.00	
	11.00	
		\$ 48.50

Treasurer's Office:

Door springs on the two corridor doors of room 122, and on the one corridor door of room 124..	\$ 7.50	
Raised platform and floor in booth 4.....	10.00	
Inside bolts on three doors.....	1.50	
		\$ 19.00

Veterinary Department:

Window curtains	\$ 125.00	
32 stools 22 inches high.....	27.20	
		\$ 152.20

Zoology Department:

Darkening screens for stereopticon use in chapel.	\$ 15.00	
Wiring to connect A. C. to storage battery, and storage battery to chapel lantern.....	15.77	
2 Tungsten 200 watt lamps on chapel ceiling with switch at stereopticon table.....	38.00	
Sink in laboratory, second floor.....	6.50	
Dumb waiters from storerooms to basement and upper story	17.00	
		\$ 92.27

Professor Meeker's Residence:

New drain in cellar.....		
Papering dining room, study and bedrooms.....		
Painting kitchen pantry, bathroom, back stairs and halls		60.00

Professor Marston's Residence:

Construction of new porch.....	\$ 400.00	
Digging out of mortar at joints of brick work, and other masonry, and pointing up of same with cement mortar to make the building weather tight	125.00	
Repair of furnace.....	75.00	
Painting woodwork, and inside painting and papering	100.00	
		\$ 700.00

Window curtains for Veterinary building.....	\$ 70.00	70.00
Vegetable forcing house.....	1,000.00	1,000.00
Installing stool in closet upstairs in Music Hall..	20.00	20.00
Electric current for Zoology department.....	120.00	120.00
Additional shelving space in room 16.....	10.00	10.00
Fitting up room 203, engineering annex.....	40.00	40.00
Furniture for Animal Husbandry Department..	100.00	100.00

Total \$ 34,618.34

The demands upon this fund have increased with the enlargement of the plant without any corresponding increase in the fund itself. The board asks this year an increase of \$10,000.00.

SPECIAL BUILDING TAX.

The amount of this fund drawn from the state treasury and disbursed by the college treasurer during the past two years is as follows:

Drawn from the state treasury:	
During the fiscal year 1910-11.....	\$106,521.58
During the fiscal year 1911-12.....	182,200.00
Total	\$288,721.58

DISBURSED.

Hall of Agriculture.....	\$ 9,972.76
Ceramics building	1,107.07
Engineering Hall annex.....	266.10
Domestic technology	54,550.27
Veterinary building	140,429.30
Gymnasium.....	69,321.10
Judging pavilion	13,033.74
Total disbursements	288,680.34
Balance in hands of college treasurer.....	41.24

\$288,721.58

In order that the total income and expenditure of this fund and its present condition may be shown, it is necessary to combine the accounts of the state treasurer and the college treasurer. Doing this we have the following as the total receipts and expenditures for the biennial period:

RECEIPTS.

Cash in state treasury at the beginning of the biennial period	\$ 97,546.50
Receipts from one-fifth mill tax during the two years	282,449.75
Total	\$379,996.25

EXPENDITURES.

Expended in the erection of buildings as shown by the college treasurer's statement.....	\$288,680.34
Balance in hands of state treasurer at close of bi- ennial period after deducting all drafts of college treasurer included by him in accounts of last fiscal year	91,274.67
Balance in hands of college treasurer.....	41.24

Total	\$379,996.25
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The amount of the fund available for use during the last half of the present calendar year (1912) will be about as follows:

Balance on hand, July 1, 1912.....	\$ 91,274.67
Estimated income, July 1, 1912, to January 1, 1913.	59,000.00

Total	\$150,274.67
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The following are the claims against this amount:

Unexpended balance of amount set aside for the construction of Central building.....	\$ 1,304.22
Unexpended balance of amount set aside for Agricultural hall..	21.96
Unexpended balance of amount set aside for Engineering hall annex	642.48
Unexpended balance of amount set aside for Ceramics building.	397.74
Unexpended balance of amount set aside for Domestic Tech- nology building	1,579.24
Unexpended balance of amount set aside for Veterinary building	9,570.70
Unexpended balance of amount set aside for construction of Gymnasium building	80,678.90
Unexpended balance of amount set aside for Judging pavilion..	966.26
Mechanical Engineering laboratory.....	50,000.00

Total	\$145,161.50
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This will leave an available balance after meeting the foregoing demands, of \$5,113.17 on January 1, 1913. The collections under the new law begin at that time. It is estimated that the tax will yield \$150,000 yearly or \$750,000 for the five year period. The amount available during the years 1913 and 1914, including the balance on hand January 1, 1913, will be, in round numbers, \$305,000. The following buildings are already authorized:

Library	\$225,000.00
Addition to Margaret Hall.....	55,000.00
Poultry laboratory	7,000.00

Total	\$287,000.00
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CENTRAL BUILDING.

Of the improvements made from the millage tax funds and not hitherto fully reported the first in order is the Central building. This building was completed early in 1906. In making settlement with the contractor the sum of \$3,000 was reserved by the college because of litigation between the contractor and sub-contractors regarding fire proofing. This litigation was finally settled but in the meantime it had been found that the work of Mr. Schleuter, contractor, on the dairy building was defective. The board repaired the building in part, at a cost of \$1,695.78 and charged the same to the reserve fund of \$3,000. The balance of the fund, \$1,304.22, is still held by the board. The architect has been directed to make a thorough examination of the present condition of the Dairy building and report as to what further repairs are necessary in order to remedy all defects that may have come to light, growing out of the failure of the contractor to fully comply with the requirements of his contract.

HALL OF AGRICULTURE.

At the close of the last biennial period the following were the outstanding claims against the portion of the millage fund appropriated for this building:

Balance due on Empire State Surety Company's contract	\$5,587.28	
Lloyd Garrett Company's contract for electric light fixtures	2,800.00	
Laboratory plumbing	827.12	
Piping for live steam.....	579.42	
Partition and fixtures for photograph room.....	200.00	
		<u>\$9,993.82</u>

The following claims have been paid during the biennial period:

Balance due on Empire State Surety Company's contract	\$5,587.28	
Lloyd Garrett Company's contract for electric light fixtures	2,800.00	
Laboratory plumbing	827.12	
Piping for live steam.....	579.42	
Partition and fixtures for photographic room.....	178.04	
		<u>\$9,971.86</u>
Unexpended balance of amount set aside for photographic room		21.96
		<u>\$9,993.82</u>

With the expenditure of the small balance noted above, the entire sum of \$340,000 set aside for the erection of this building will have been expended.

ENGINEERING HALL ANNEX.

Of the \$35,750 appropriated from the millage fund for the construction of this building, \$34,841.42 were expended prior to July 1, 1910, leaving a balance of \$908.58. The following are the expenditures during the biennial period:

Additional laboratory plumbing.....	\$175.14
Plumbing and fixtures for laboratory.....	90.96

Total	\$266.10
Balance unexpended	642.48

\$908.58

The balance will be needed for completing the plumbing and installing electric light fixtures.

CERAMICS BUILDING.

The Legislature set aside from the millage fund \$15,000.00 for the construction of this building.

There was expended prior to July 1, 1910, \$13,495.19, leaving a balance of \$1,504.81, which was authorized to be expended as follows:

Balance Nelson Construction Company's contract.....	\$300.00
Additional plumbing	618.84
Building equipment, including shelves, shades, hoods, lanterns, screens, chemical desks and cases.....	585.97
	<hr/>
	\$1,504.81

The first two amounts have been expended. There is still a balance of \$397.74 to the credit of the building equipment. Superintendent Sloss has been authorized to use this in connection with the plumbing and the installing of electric light fixtures.

DOMESTIC TECHNOLOGY BUILDING.

Amount of tax fund set aside for its erection.....	\$75,000.00
Expended prior to July 1, 1910.....	18,870.49

Balance at the beginning of the biennial period.....	\$56,129.51
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The following are the expenditures during the period:

Benson & Marxer's contract.....	\$40,520.91
Proudfoot, Bird & Rawson, architect's fee.....	752.82
Tables	722.89
Heating	6,668.47
Painting	1,277.69
Lighting	1,575.89
Plumbing	2,654.22
Traveling expenses, telegrams, telephones, tests of materials, etc.	213.23
Shades	164.15
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	\$54,550.27

Balance unexpended, July 1, 1912.....	\$ 1,579.24
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This balance has been appropriated to cover the following items necessary to the completion of the building:

Screens for windows.....	\$200.00
Lockers and shelving.....	700.00
Cistern, pump and piping.....	325.00
Weather strips for windows.....	354.24
	<hr/>
	\$1,579.24

The department of Home Economics took possession of this building at the beginning of the spring semester of 1911; its formal dedication did not occur, however, until May 1, 1912. Since the building was begun in the spring of 1910, the department enrollment has increased from 116 to 332.

VETERINARY BUILDING.

The Thirty-third General Assembly authorized the use of \$150,000 of the millage tax fund for the erection of a Veterinary building. The plans finally decided upon as most suitable included a group of five buildings connected by corridors. Before work was begun on the plant a careful study was made of the Veterinary buildings erected by other institutions, and as a result those at Ames are considered as embodying all the conveniences that go with the latest experience in veterinary construction.

The following exhibit shows the total expenditures on account of the building during the biennial period:

Expenditures:

Amount paid on Benson and Marxer contract	\$118,007.31
Original contract	\$117,600.00

Additions:

On architect's order No. 1.....	\$ 809.35
(This order covers the building of corridor D, \$3,500, and certain omissions specified in the order amounting in all to \$2,690.65.)	
On architect's order No. 4.....	658.46
(Certain changes in the building specified in the order.)	
On architect's order No. 6.....	3,850.00
(Building south corridor.)	
On architect's order No. 7.....	293.95
(For additional stairway along west wall, plastering toilet, locker and southeast basement room in Building No. 2, locker, toilet, preparation and post mortem rooms in basement Building No. 6, and changing wood floor to cement in laboratories in Buildings No. 2 and No. 6, and omitting wood base and substituting cement in above rooms.)	
On architect's order No. 9.....	312.00
(Extra work in library.)	
Total additions	\$5,923.76

Deductions:

Architect's order No. 3.....\$219.85

(Changes as specified in order.)

Architect's order No. 5..... 44.00

(Omissions as specified in order.)

Total deductions 263.85

Net additions to contract..... \$ 5,659.91

Total of contract..... \$123,659.91

Proudfoot, Bird & Rawson on architect's fee of
2½% on \$117,600; part payment..... 2,558.00Grahl & Herman, on contract of \$1,998 sheet
metal work..... 1,823.00L. H. Kurtz, heat regulation for buildings 1, 2, 4,
5 and 6. This does not include air compressor.
Labor 1,000.00

Labor on floors..... 433.06

Plumbing 5,546.44

Heating 7,260.39

Lighting 3,170.34

Advertising, traveling expenses, telephone, ex-
press, testing material and general labor..... 630.76

Total \$140,429.30

This leaves a balance of \$9,570.70 which is held to cover the following:

Balance reserved on Benson and Marxer's con-
tract \$ 5,252.60

Balance reserved on Grahl and Herman's contract 175.00

Balance of Architect's fee, estimated..... 1,075.00

Six single horse stalls and three box stalls..... 1,200.00

Cement floors for entire basements of 1, 2 and 6. 1,000.00

Doors to all box stalls in building No. 4..... 150.00

Screens for all the buildings..... 250.00

Elevator 250.00

Minor items and emergencies..... 218.10

\$ 9,570.70

The department has been supplied with new equipment to the amount of \$28,000. With the new buildings, its increased equipment, and its enlarged faculty the Veterinary division is prepared to render most efficient service in its line.

GYMNASIUM.

The institution has never had any adequate gymnasium facilities. It has long been in the minds of the college authorities to supply this urgent need, but other imperative wants have crowded it out. With increasing numbers, and a more general appreciation of the close relation of physical

training to efficient intellectual work, the demand for a gymnasium became so strong that the Board asked the legislature to set aside from the special millage tax the sum of \$150,000 for its erection. This was done by the last General Assembly. The work is well under way. The Superintendent of Buildings, Mr. Sloss, has general charge of construction. Contracts for certain parts of the work have been let to outside parties, but a considerable portion is being done by workmen employed by the month, or day. The following shows the expenditures to date:

Expenditures:

C. E. Heaps, part payment on contract for brick work, stone steps and platforms for four entrances		\$ 28,527.09
Original contract	\$ 43,719.00	
Architect's order No. 1 for charges on inside brick work	250.00	
Architect's order No. 2 regarding the construction of the northeast and west walls of pool room	925.00	
	<hr/>	
Total of contract	\$ 44,894.00	
A. E. Shorthill Co., part payment on contract of \$15,000 for structural steel and iron		13,420.46
T. W. McClelland Co., part payment on contract of \$6,124 for mill work		1,147.50
Labor and material for foundation	\$ 6,884.52	
General labor and material on building	13,753.93	
Plumbing	1,802.81	
Lighting	1,308.83	
Heating	2,218.88	
Swimming pool	90.24	
Painting	80.52	
Advertising and traveling expenses	86.22	
	<hr/>	
		26,226.05
		<hr/>
Total expended		\$ 69,321.10

The following is Superintendent Sloss's classified estimate of the cost of the completed building:

Detailed Estimate of Cost of Gymnasium:

Heap's contract	\$ 44,894.00
Radiation—Kurtz Co.	1,295.00
Sheet metal and roofing, Hipwell	5,847.00
Plastering—Fraley & Young	2,788.00
Ornamental Iron—Crown Iron Works	4,123.00
Steel—Shorthill Co.	15,000.00
Hardware, estimated	1,400.00
Millwork—McClelland & Co.	6,124.00
Painting, estimated	1,500.00
Plumbing fixtures—Kurtz, estimated	2,700.00
Heat regulation—Nat. Reg. Co.	1,500.00
Traps—Dunham Co.	842.65

Fans and Coils, Sturtevant Co.....	3,675.00
Motors—Westinghouse Co., estimated.....	1,000.00
Electric fixtures, estimated.....	2,000.00
Architect's fees	4,000.00
Marble and Terrazo.....	10,929.00
Metal furring and lathing.....	1,750.00
Paid out to June 30 (labor and material).....	26,226.05
General labor and material, not included under other headings	12,406.30
Total	\$150,000.00

JUDGING PAVILION.

The amount of the millage tax set aside by the last General Assembly for the erection of the pavilion was \$20,000. It was found by the Finance Committee that a suitable building could be erected for \$14,000, and this amount was set aside by them for this purpose. The actual cost will be less than their estimate. The following are the expenditures prior to July 1, 1912:

Expenditures:

C. E. Heaps, contract for mason work.....	\$ 3,225.00
C. E. Heaps, order No. 1 for changing from plaster, as specified in the original contract, to buff brick from top of seats to ceiling on upper floor.....	243.00
Des Moines Bridge & Iron Works, contract for structural steel	1,537.00
C. G. Hipwell, contract for sheet metal work and roofing	725.00
C. G. Hipwell, on architect's order No. 1 for changes in valleys and flashings.....	40.00
Labor and material used in erection of building under the direction of Superintendent Sloss and not included in contracts mentioned above.....	6,919.15
Lighting supplies and labor installing same.....	108.33
Advertising, traveling expenses, express, telephone messages, etc.	26.26
Architect's fee, part payment.....	210.00
Total	\$ 13,033.74

This leaves a balance of \$1,966.26 of the \$14,000 unexpended. It is estimated that there will be needed to complete the building the following:

Otis Elevator, contract for elevator.....	\$ 230.00
Balance of architect's fee, estimated.....	115.00
Grading around building.....	51.44
Incidental expenses	150.00
Total	\$ 546.44

It looks as if the total cost of the building would not exceed \$13,600.

The foregoing completes the exhibits relating to the expenditures of the millage tax. The exhibits that follow relate to the special appropriations for building and other purposes.

SPECIAL APPROPRIATIONS FOR BUILDINGS, ETC.

AGRICULTURAL HALL FURNISHINGS.

The appropriations for this purpose aggregated \$35,000. The unexpended balance at the beginning of the biennial period was \$15,784.16. This amount has been expended during the two years for the following purposes:

S. Davidson & Bros. Co., stock furniture, balance on contract	\$ 1,089.07
Northwestern Marble & Tile Co., special furniture:	
Amount of contract.....	\$ 14,151.00
Extras, less deductions.....	8.35
	<hr/>
	14,159.35
Architect's fee balance.....	507.55
Furniture purchased through book department....	23.52
Freight, drayage and express.....	4.67
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Total	\$ 15,784.16

SUMMARY.

Expended in biennial period ending June 30, 1910, as shown on page 303 of First Biennial Report of the Iowa State Board of Education.....	19,215.84
Expended in biennial period ending June 30, 1912, as shown by this report	15,784.16
	<hr/>
Total	\$ 35,000.00

CENTRAL HEATING PLANT.

Of the appropriation of \$50,000 by the Thirty-third General Assembly for enlarging the heating system, the sum of \$7,475.23 was expended prior to July 1, 1910. The balance, \$42,524.77, has been expended for the following purposes:

Ennis' contract for boiler room extension.....	\$ 14,397.71
Balance due architect.....	357.32
Generator set	9,370.96
Engine room foundation.....	864.29
Engine room piping and connection.....	1,615.56
Transmission	2,879.96

Engineering steam line.....	553.92
Main tunnel from point west of old farm house to the new Domestic Technology building; this tunnel to supply steam heat, electric current for the greenhouse, old Agricultural Hall, Superintendent's residence, Margaret Hall and Domestic Technology building	12,262.35
Pipe covering in plant.....	166.80
Advertising, drayage and minor items.....	55.90

Total \$ 42,524.77

The Thirty-fourth General Assembly appropriated \$43,000 to extend the system. The following are the expenditures charged to this account:

Constructing and equipping tunnel to Veterinary buildings	\$ 3,116.78
On account of material for tunnel to Gymnasium..	734.08
Labor and material in connection with installing coal and ash handling machinery.....	737.46
Labor and material in connection with installing new boilers	194.33

Total expenditures \$ 4,782.65

Balance unexpended 38,217.35

\$ 43,000.00

The unexpended balance noted above will be needed to cover the following:

Link Belt Co.'s contract for installing coal and ash handling machinery.....	\$ 14,150.00
Babcock and Wilcox Co.'s contract for two 469 H. P. boilers	7,000.00
Greene Eng. Co.'s contract for two chain grate stoker's contract	2,850.00
Constructing foundations and installing boilers...	1,150.00
White & Co.'s contract for water heater.....	1,462.00
Completion of tunnel to Gymnasium, including piping to carry high pressure steam.....	11,605.35

Total \$ 38,217.35

As new buildings are added to the college plant, more equipment is needed at the central station, and extensions of the tunnel are made necessary. The roof of the power house has been condemned, and a new one must be built. Superintendent Sloss estimates the cost of these improvements at \$50,000, as follows:

1,400 ft. (6 ft. tunnel to new buildings).....	\$ 16,800.00
80 ft. extension to Central Heating Plant tunnel for high pressure pipes.....	960.00
2-500 H. P. boilers.....	7,000.00
Stokers for same.....	3,425.00

Piping	1,200.00
Foundations and setting.....	2,500.00
Smoke stack	5,000.00
Coal hoppers	1,500.00
Ash conveyors	2,500.00
Terrill regulator	675.00
High tension wires and tunnel.....	3,000.00
New roof power house.....	3,000.00
Piping for tunnel connections, Central Heating Plant	2,440.00
	<hr/>
	\$ 50,000.00

The Board of Education asks an appropriation of this amount of the Thirty-fifth General Assembly.

WALKS AND GRADING.

The unexpended balance remaining to the credit of this appropriation at the beginning of the biennial period amounted to \$1,001.21.

This balance has been expended for the following purposes:

Walk to Alumni Hall.....	\$ 187.88
Other walks on campus.....	234.15
Grading around Domestic Technology building....	103.65
Grading around Veterinary building.....	115.89
Grading around office building.....	112.82
Grading near creek.....	217.44
Grading around Hospital and Alumni Hall.....	29.38
	<hr/>
	\$ 1,001.21

FURNISHINGS AND FIXTURES FOR ENGINEERING HALL ANNEX.

Of the \$5,000 appropriated for furnishings and fixtures for this building, there remained a balance of \$2,212.67 at the beginning of the biennial period. This balance was partially expended as follows:

Des Moines Cabinet Co. for stock, furniture and tables	\$ 1,102.00
For lumber for equipment and labor on same.....	924.04
	<hr/>
Total	\$ 2,026.04

This leaves a balance of \$186.63 in this fund which is to be used for lighting fixtures.

PURCHASE OF PURE BRED STOCK.

The following exhibit shows the transactions regarding this fund:

Appropriation by Thirty-third General Assembly..	\$ 10,000.00
Expended prior to July 1, 1910.....	6,431.41
Expended for purchase of stock during year 1910-11..	\$ 3,493.54
For transportation and traveling expenses.....	75.05
	<hr/>
	3,568.59
	<hr/>
Total	\$ 10,000.00

SPECIAL EQUIPMENT FOR COLLEGE DEPARTMENTS.

At the beginning of the biennial period there was on hand of the appropriation of the Thirty-third General Assembly a balance of..... \$ 9,493.85

Of the appropriation of \$75,000 of the Thirty-fourth General Assembly, the Board set aside for use during the fiscal year of 1911-12..... 37,500.00

Total amount available during the two years.. \$ 46,993.85

The following are the expenditures by the several departments:

Old appropriations:

Agricultural Engineering	\$ 304.85
Agronomy (Farm Crops)	75.39
Agronomy (Soils)	518.18
Animal Husbandry	500.00
Bacteriology	300.00
Botany	150.00
Chemistry	500.00
Civil Engineering	300.00
Dairy	400.00
Economic Science	25.00
Electrical Engineering	499.68
Home Economics	1,274.64
Horticulture	165.30
Library	100.00
Mechanical Engineering	431.74
Mining and Ceramics	1,361.09
Mining Engineering	506.59
Physics	983.93
Veterinary	697.46
Zoology	400.00
	<hr/>
	\$ 9,493.85

New appropriations:

Agricultural Engineering	\$ 1,850.00
Agronomy (Soils)	280.00
Animal Husbandry (Dairy) and Poultry	4,000.00
Chemistry	275.00
Dairy	890.44
Domestic Technology furniture and equipment..	4,200.00
Farm	100.00
Horticulture	303.25
Horticulture (Forestry)	232.72
Veterinary furnishings and equipment	20,159.35
Gymnasium	88.78
	<hr/>
	\$ 32,379.54

Total \$ 41,873.39

This makes the following as the available equipment fund for the coming fiscal year:

Unexpended balance of the apportionment for the year ending June 30, 1912.....	\$ 5,120.46
Unexpended balance of the apportionment for the year ending June 30, 1913.....	37,500.00

Total	\$ 42,620.46
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These amounts have been apportioned among the departments as follows:

Old balances:

Agronomy (Soils)	\$ 64.00
Agronomy (Farm Crops)	47.00
Dairy	55.56
Horticulture	171.75
Horticulture (Forestry)	30.28
Veterinary	4,740.65
Gymnasium	11.22
	<hr/>
	\$ 5,120.46

New appropriations:

Agricultural Education	\$ 90.00
Agricultural Engineering	1,152.00
Animal Husbandry	2,337.60
Bacteriology	908.85
Botany	585.00
Chemistry	1,102.25
Civil Engineering	2,616.25
Dairy	875.00
Dairy Farm	1,700.00
Electrical Engineering	1,142.50
Engineering Dean	179.47
Farm	1,036.00
Farm Crops	40.00
History	100.00
Home Economics	384.25
Horticulture	605.00
Forestry	415.00
Library	1,200.00
Mechanical Engineering	5,370.00
Military	50.00
Mining Engineering	1,415.00
Modern Language	30.00
Physics	1,122.75
Physical Education	7,298.98
Poultry	508.00
President's office	100.00
Public Speaking	66.00
Soils	896.10
Veterinary	3,000.00
Zoology	1,174.00
	<hr/>
	\$ 37,500.00

Total	\$ 42,620.46
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PUBLIC GROUNDS IMPROVEMENTS.

The last legislature appropriated \$13,500 for the improvement of the public grounds. This amount has been partially expended as follows:

Wagon bridge across college creek.....	\$ 2,768.88
For crushed stone for foot bridge across college creek	143.16
Sidewalks	1,131.18
For grading on campus.....	2,226.06
For general improvements.....	323.34
For new road.....	136.06

Total \$ 6,728.68

This leaves a balance of \$6,771.32 which is to be expended in the building of a concrete road on the college campus. The estimated cost is \$1 per square yard.

ROOM RENT.

This fund is derived from rental of rooms in college buildings, sale of wreckage material, and other items of revenue connected with the use of the different college buildings. The following shows the receipts and expenditures during the biennial period:

RECEIPTS.

Cash on hand, July 1, 1910.....	\$ 1,286.12
Rental of rooms.....	7,357.99
Sale of wreckage.....	203.78
Net receipts from storeroom.....	816.91
	<hr/>
	\$ 9,664.80

EXPENDITURES.

Salaries, carpenters, painters, etc.....	\$ 2,106.52
Margaret Hall repairs and furnishings.....	3,437.70
Repairs on old office building.....	28.63
Superintendent's office expenses.....	85.93
Repairs public grounds, teamster's house.....	12.61
Repairs on Cranford Hall.....	107.48
Miscellaneous labor	421.75
Room rent refunded.....	196.13
	<hr/>
Total expended	\$ 6,396.75
Balance on hand.....	3,268.05
	<hr/>
	\$ 9,664.80

The following shows the estimated income and the probable expenditures on account of this fund for the coming year:

ROOM RENT 1912-13—ESTIMATED INCOME.

Balance brought forward.....	\$ 3,268.05
Rental of rooms, including dining room.....	7,300.00
Total	<u>\$ 10,568.05</u>

PROBABLE EXPENDITURES.

Fixed charges:

Part salary of first carpenter.....	\$ 300.00
Part salary of second carpenter.....	360.00
Part salary of third carpenter.....	240.00
	<u>\$ 900.00</u>

Repairs on buildings rented, and repair and purchase of furniture for said buildings.....	9,668.05
Total	<u>\$ 10,568.05</u>

FUNDS AVAILABLE FOR 1912-1913.

In determining the funds available for use during the coming fiscal year, the following must be taken into consideration:

1. The balances to the credit of the different funds in the hands of the State and College Treasurers.
2. The income for the year, some parts of which are necessarily estimated.
3. The amounts that must be reserved as working balances in order that all claims against the several funds may be promptly paid.
4. The appropriations made last year, but not expended.

I. BALANCES.

Special Building Tax.....	\$ 91,315.91
Annual repair and Contingent fund.....	21,127.39
Central Heating Plant.....	38,217.35
Furniture and fixtures for Engineering Hall Annex	186.63
Special equipment for College departments.....	42,620.46
Public Grounds Improvement.....	6,771.32
Room rent	3,268.05
	<u>\$203,507.11</u>

Support Funds:

College Educational funds.....	\$ 74,888.67
Two Year Agriculture Course.....	10,508.50
Agricultural Extension	11,012.33
Experiment funds	28,532.53
	<u>\$124,942.03</u>

Trust funds:

Hospital fund balance.....	2,835.08
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Total balances	<u>\$331,288.22</u>
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II. ESTIMATED RECEIPTS.

Building and Equipment Funds:

Building Tax Fund.....	\$150,000.00	
Annual Repair and Contingent fund.....	36,000.00	
Rental of Rooms.....	4,500.00	
		<u>\$190,500.00</u>

College Educational Support Funds:

From National Government.....	\$ 85,000.00	
From State (General support).....	245,000.00	
From State Library.....	4,900.00	
From tuition charged students outside the state	8,000.00	
From interest on Bank Balances.....	3,000.00	
From Student fees.....	60,000.00	
		<u>\$405,900.00</u>
		25,000.00

Two Year Course in Agriculture:

Experiment Funds: Agriculture—

From National Government.....	\$ 30,000.00	
From State	55,000.00	
Engineering	10,000.00	
Good Roads	10,000.00	
		<u>\$105,000.00</u>

Total estimated receipts from all sources and
for all purposes.....

\$726,400.00

The use to be made of these several funds has been already set forth in this report, with the single exception of the College Support fund. The following shows the amount of this fund for the coming year subject to the orders of the Board:

Balance of College Educational fund proper on hand July 1, 1912.....	\$ 74,888.67
Estimated receipts, including fees.....	405,900.00

Total \$480,788.67

Under the orders of the Board this amount is set aside for the following purposes:

1. Since student fees cover simply the material used by students in the laboratories, the fees collected in each department are appropriated to that department for the purchase of said material. It is estimated that these fees will amount to \$ 60,000.00
2. Since the State Support funds are payable at the end of each quarter, it is necessary to reserve a certain working balance in order to pay bills promptly. The amount thus reserved is.. 25,000.00
3. The unexpended balances of appropriations for campus improvements and department equipment and furniture, made last year and brought forward, amount to..... 27,545.72

4. Balances carried over to meet unpaid bills against the Summer School, the Farm and other departments for expenses belonging to last year..	5,734.59
5. Special scholarship fund balances.....	1,150.46
6. Amount at disposal of Board as an apparatus fund, and to meet emergencies in the maintenance of grounds and departments, but which, because of its temporary character cannot be used in the permanent budget.....	15,457.84
7. Amount available for the budget.....	\$345,900.06

Total \$480,788.67

Explanatory of item 3 in the foregoing, the following are the balances to the credit of the different departments:

Agricultural Education, Furniture.....	\$ 12.43	
Agricultural Engineering, Equipment...	307.40	
Agricultural Journalism, Furniture.....	25.77	
Animal Husbandry, Furniture.....	25.50	
Fencing and Paving.....	310.36	
		\$ 335.86
Botany, Equipment		91.64
Chemistry, Apparatus		417.00
Civil Engineering, Furniture.....	\$ 113.00	
Equipment	343.52	
		456.52
Electrical Engineering, Equipment.....		66.81
Farm department, Improvements.....		516.62
Squaw Creek Bridge.....		17.30
Home Economics, Equipment.....		702.20
Horticulture, Furniture	\$ 155.34	
Equipment for Horticulture.....	32.90	
Equipment for Horticulture and Forestry	215.24	
Water Supply	59.45	
		462.93
Mechanical Engineering, Equipment....		1,860.85
Military, for purchase of tents.....		132.11
Mining Engineering, Furniture.....	\$ 49.09	
Equipment	1,029.87	
		1,078.96
Music, for purchase of Oboe.....		50.00
Physics department, Furniture.....	\$ 36.47	
Equipment	316.12	
		352.59
Soils, Equipment		124.30
Zoology, Equipment		224.62
History, Equipment	\$ 48.89	
For purchase of typewriter.....	70.00	
		118.89

Farm Crops, Equipment.....	\$ 74.61	
Furniture for Judging Pavilion.....	484.66	
		559.27
Dairy, Special Supplies.....		66.90
Public Grounds, Athletic Field.....	\$ 734.53	
Foot Bridge	700.00	
Sidewalks	2,520.00	
New Road	9,559.64	
Curb and Gutter.....	4,448.03	
Sand Bins	425.00	
Gravel Hoist	300.00	
		18,687.20
Advertising		877.55
		<u>\$ 27,545.72</u>

The following constitute the balances mentioned
in item No. 4:

Summer School	\$ 5,158.94
Farm	575.65
	<u>\$ 5,734.59</u>

Total

The budget for the coming year is as follows:

EDUCATIONAL SUPPORT FUND BUDGET.

1912-13.

I. Salaries:

Professors, assistant professors and administra- tive officers	\$166,625.00
Instructors and assistants.....	63,450.00
	<u>\$230,075.00</u>

II. Department expenses and ordinary additions to equipment:

Agricultural Education	\$ 962.32
Agricultural Engineering	1,562.00
Agricultural Journalism	400.00
Animal Husbandry	1,750.00
Bacteriology	880.00
Botany	1,000.00
Chemistry	1,061.00
Civil Engineering	1,450.00
Dairy	750.00
Dairy Farm	1,750.00
Economics	470.00
Electrical Engineering	1,150.00
English	325.00
Farm	2,200.00
Farm Crops	1,100.00
History	125.00
Home Economics	780.00
Horticulture	2,425.00

Horticulture and Forestry.....	875.00	
Library	965.00	
Library, Books and Periodicals.....	4,900.00	
Mathematics	300.00	
Mechanical Engineering	1,700.00	
Military	450.00	
Mining Engineering	1,200.00	
Modern Language	75.00	
Music	118.00	
Physics	1,250.00	
Physical Culture	25.00	
Physical Education	200.00	
Poultry	1,320.00	
Public Speaking	110.00	
Soils	1,745.00	
Veterinary	2,452.00	
Zoology	750.00	
	<hr/>	\$ 38,475.32

III. Maintenance, Buildings and Grounds:

Heating	\$ 23,000.00	
Janitor fund	15,000.00	
Public Grounds	4,000.00	
	<hr/>	\$ 42,000.00

IV. Administrative and General:

Agricultural Dean	\$ 900.00	
Engineering Dean	1,400.00	
Junior Dean	1,750.00	
Matron	175.00	
Advertising	500.00	
Catalogues and Bulletins.....	2,700.00	
Assignment Committee	350.00	
Proctors	300.00	
State Fair, Agricultural	200.00	
State Fair, Engineering.....	200.00	
Commencement Week Expense.....	450.00	
Telephone Service	200.00	
Ringling Chimes	165.00	
Annual Fee, Agricultural Association.....	50.00	
Graduate School of Agriculture.....	50.00	
Interdepartment Mail Service.....	125.00	
Headquarters State Teachers' Association.....	50.00	
Contingencies	400.00	
President's Office	4,000.00	
Purchasing Department	2,010.00	
Registrar's Office	2,265.00	
Sabbath Service	525.00	
Secretary's Office	1,925.00	
Treasurer's Office	2,980.00	
Inventory Clerk's Supplies.....	50.00	
	<hr/>	\$ 23,720.00

V. Summer School:

5,000.00

\$339,270.32

SUMMARY.

I. Salaries	\$230,075.00
II. Department expenses and ordinary additions to equipment	38,475.32
III. Maintenance, Buildings and Grounds.....	42,000.00
IV. Administrative and General.....	23,720.00
V. Summer School	5,000.00
Totals	\$339,270.32

The total of the budget is \$339,270.32, while the funds to meet it aggregate \$345,900.06.

The salary list constitutes the largest items in the budget. It is as follows:

SALARIES OF PROFESSORS, ASSISTANT PROFESSORS AND ADMINISTRATIVE OFFICERS.

	Support Fund	Ag. Exp. Sta.	Other College Funds	Totals
Raymond A. Pearson, president.....	\$ 6,000.00			\$ 6,000.00
E. W. Stanton, secretary, dean of junior col- lege and professor of mathematics (acting president 3 months)	4,250.00			4,250.00
C. F. Curtiss, dean of agriculture and direc- tor of experiment station	2,000.00	\$ 2,000.00		4,000.00
J. R. Lincoln, military science.....	1,300.00			1,300.00
Anson Marston, dean of engineering, civil en- gineering	3,500.00		\$ (d) 500.00	4,000.00
S. A. Beach, vice dean of agriculture, horti- culture	1,500.00	1,500.00		3,000.00
S. W. Beyer, vice dean of engineering, min- ing engineering	3,000.00			3,000.00
C. H. Stange, dean of veterinary, veter- inary	2,400.00	500.00		2,700.00
Maria Roberts, vice dean of junior college, mathematics	1,800.00			1,800.00
L. H. Pammel, botany, station botanist.....	2,300.00	400.00		2,700.00
A. A. Bennett, chemistry	2,700.00			2,700.00
M. Mortensen, dairy	1,250.00	1,250.00		2,500.00
Catherine J. MacKay, home economics.....	2,000.00			2,000.00
F. A. Fish, electrical engineering.....	2,600.00			2,600.00
A. B. Noble, English	2,400.00			2,400.00
O. H. Cessna, history	2,700.00			2,700.00
W. H. Meeker, mechanical engineering.....	2,700.00			2,700.00
Fletcher Briggs, modern languages	2,000.00			2,000.00
L. B. Spinney, physics	2,700.00			2,700.00
A. MacMurray, public speaking	2,100.00			2,100.00
H. E. Summers, zoology	2,000.00	400.00		2,400.00
J. B. Davidson, agricultural engineering.....	1,375.00	1,375.00		2,750.00
W. H. Stevenson, soils	1,500.00	1,500.00		3,000.00
W. H. Pew, animal husbandry.....	1,250.00	1,250.00		2,500.00
B. H. Hibbard, economics	2,700.00			2,700.00
Herman Knapp, treasurer, registrar, super- intendent of college book store (also re- ceives \$500 from book store as superinten- dent)	2,150.00	250.00	(c) 100.00	2,500.00
Vina E. Clark, librarian	1,100.00	100.00		1,200.00
T. H. MacDonald, good roads.....				
J. P. Watson, athletic director.....	1,800.00			1,800.00
C. G. Tilden, college physician.....	600.00		(f) 800.00	1,400.00
R. E. Buchanan, bacteriology.....	2,100.00	300.00		2,400.00
A. T. Erwin, horticulture	2,000.00			2,000.00
W. B. Anderson, physics	1,700.00			1,700.00
C. E. Bartholomew, zoology	1,400.00			1,400.00
H. E. Bemis, veterinary	1,900.00			1,900.00
J. E. Brindley, economics	1,800.00			1,800.00

SALARIES OF PROFESSORS, ASSISTANT PROFESSORS AND ADMINISTRATIVE OFFICERS.—Continued.

	Support Fund	Ag. Exp. Sta.	Other College Funds	Totals
M. P. Oleghorn, mechanical engineering	1,950.00			1,950.00
Julia Colpitts, mathematics	1,300.00			1,300.00
W. F. Coover, chemistry	2,100.00			2,100.00
R. W. Crum, civil engineering	1,500.00			1,500.00
W. W. Dimock, veterinary	2,200.00			2,200.00
H. C. Ford, civil engineering	1,800.00			1,800.00
J. E. Guthrie, zoology	1,800.00			1,800.00
Elizabeth Moore, English	1,100.00			1,100.00
W. R. Raymond, English	1,400.00			1,400.00
Dora G. Tompkins, English	1,100.00			1,100.00
J. T. Bates, mechanical engineering	1,350.00			1,350.00
J. G. Hummel, mechanical engineering	1,350.00			1,350.00
W. H. Cooper, dairy	1,400.00			1,400.00
Percy E. Brown, soils	1,000.00	1,000.00		2,000.00
Thomas Sloss, superintendent of buildings and grounds	1,250.00		(e) 1,250.00	2,500.00
L. C. Burnett, farm crops (receives also \$1,000 from U. S. government)		900.00		900.00
A. W. Dox, station chemist		2,200.00		2,200.00
John M. Evvard, animal husbandry		2,000.00		2,000.00
M. F. P. Costelloe, agricultural engineering	1,800.00		(a) 1,000.00	2,800.00
F. W. Beckman, bulletin editor	50.00	1,000.00	(b) 150.00	2,200.00
John N. Martin, botany	1,800.00			1,800.00
C. C. Fowler, chemistry	1,300.00			1,300.00
E. E. King, civil engineering	1,800.00			1,800.00
B. W. Hammer, dairy	900.00	900.00		1,800.00
H. C. Bartholomew, electrical engineering	1,800.00			1,800.00
James C. Bowman, English	1,200.00			1,200.00
C. T. Hokaason, history	1,000.00			1,000.00
Ruth E. Michaels, home economics	1,100.00			1,100.00
Ward M. Jones, mathematics	1,400.00			1,400.00
Geo. A. Gabriel, mining engineering	1,700.00		(d) 100.00	1,800.00
Roy Smith, soils	1,600.00			1,600.00
H. D. Bergman, veterinary	1,700.00			1,700.00
John Buchanan, farm crops		2,000.00		2,000.00
, agricultural education	2,700.00			2,700.00
E. M. Mervine, agricultural engineering	1,600.00			1,600.00
Julia Vaulx, English	1,100.00			1,100.00
L. C. Hodson, mining engineering	1,950.00			1,950.00
A. H. Hoffman, physics	1,500.00			1,500.00
H. D. Hughes, farm crops	1,250.00	1,250.00		2,500.00
J. E. Kirkham, civil engineering	2,000.00		300.00	2,300.00
E. A. Pattengill, mathematics	1,600.00			1,600.00
C. O. Major, mechanical engineering	1,950.00			1,950.00
H. S. Murphey, veterinary	1,900.00			1,900.00
R. A. Norman, mechanical engineering	1,700.00			1,700.00
Lola Placeway, chemistry	1,600.00			1,600.00
R. H. Porter, mechanical engineering	1,500.00			1,500.00
L. B. Schmidt, history	1,800.00			1,800.00
Winifred Tilden, physical directress	1,050.00			1,050.00
E. N. Wentworth, animal husbandry	2,000.00			2,000.00
M. I. Evinger, civil engineering	1,500.00			1,500.00
F. E. Colburn, station photographer		1,900.00		1,900.00
Laurenz Greene, horticulture		2,000.00		2,000.00
S. L. Jodidi, soils		2,000.00		2,000.00
H. H. Kildee, dairy farm	1,050.00	1,050.00		2,100.00
Charlotte King, botany		1,100.00		1,100.00
M. L. King, agricultural engineering		2,200.00		2,200.00
R. L. Webster, entomology		1,700.00		1,700.00
C. N. Arnett, animal husbandry	2,000.00			2,000.00
Grace Russell, home economics	1,200.00			1,200.00
Harriett Sessions, library	900.00			900.00
G. B. MacDonald, horticulture and forestry	1,100.00	900.00		2,000.00
E. F. Ferrin, animal husbandry	1,300.00			1,300.00
A. R. Johnson, chemistry	1,600.00			1,600.00
F. A. Robbins, electrical engineering	1,400.00			1,400.00
W. R. Hechler, farm crops	1,600.00			1,600.00
Geo. C. Morbeck, horticulture and forestry	1,600.00			1,600.00

SALARIES OF PROFESSORS, ASSISTANT PROFESSORS AND ADMINISTRATIVE OFFICERS.—Continued.

	Support Fund	Ag. Exp. Sta.	Other College Funds	Totals
Amos P. Potts, mining engineering	1,800.00			1,800.00
Wm. Kuerth, physics	1,200.00			1,200.00
poultry	1,250.00	1,250.00		2,500.00
O. G. Lloyd (also receives \$700 from U. S. government)		700.00		700.00
Charles Murray, veterinary	1,600.00			1,600.00
T. J. Maney		1,200.00		1,200.00
R. E. Neidig, chemistry		1,200.00		1,200.00
W. G. Gaessler, chemistry		1,200.00		1,200.00
S. C. Guernsey, chemistry		1,000.00		1,000.00
John C. Reese, chemistry		1,000.00		1,000.00
Eugene Ruth, chemistry		1,000.00		1,000.00
veterinary		1,600.00		1,600.00
Total	\$ 166,625.00	\$44,875.00	\$ 4,200.00	\$ 215,700.00

- (a)—John Clay Endowment.
 (b)—Agricultural Extension.
 (c)—Good Roads.
 (d)—Engineering Experiment Station.
 (e)—Repair and Improvement.
 (f)—Hospital.

Houses on the College grounds are occupied by President Pearson; Deans, Stanton, Curtiss and Marston; Professors, Beach, Mortensen, Meeker, Summers, Noble and Superintendent Sloss.

The following is the list of instructors and assistants for the coming year with the salary of each and the fund to which it is chargeable:

SALARIES OF INSTRUCTORS AND ASSISTANTS.

	Support Fund	Ag. Exp. Sta.	Other College Funds	Totals
H. H. Beckman, agricultural engineering	\$ 900.00			\$ 900.00
R. R. Clem, agricultural engineering	900.00			900.00
J. B. Kelley, agricultural engineering	675.00			675.00
Earl Elijah, student assistant agricultural journalism	180.00			180.00
Student assistants, animal husbandry	700.00			700.00
E. S. Welles, bacteriology	500.00			500.00
Anna Wolfe, student assistant bacteriology	300.00			300.00
A. L. Bakke, botany	1,200.00			1,200.00
Ada Hayden, botany	700.00			700.00
Harriette Kellogg, botany	400.00	400.00		800.00
H. S. Doty, post-graduate assistant, botany	200.00			200.00
Lola Stephens, chemistry	1,000.00			1,000.00
Laura Taggart, chemistry	950.00			950.00
Nellie Naylor, chemistry	800.00			800.00
John Buchanan, chemistry	775.00			775.00
B. B. Reed, chemistry	775.00			775.00
Helen Hunting, chemistry	750.00			750.00
Avis Talcott, chemistry	700.00			700.00
Zelma Zentmire, chemistry	350.00			350.00
C. Coykendall, civil engineering	1,000.00			1,000.00
C. A. Baughman, $\frac{1}{2}$ time, civil engineering	800.00			800.00
R. S. Wallis, civil engineering	1,200.00			1,200.00
C. J. O'Neil, dairy	1,000.00			1,000.00
Assistant economic science	250.00			250.00
Frank D. Paine, electrical engineering	1,200.00			1,200.00
Mildred MacLean, English	1,000.00			1,000.00
Ruth Safford, English	900.00			900.00

SALARIES OF INSTRUCTORS AND ASSISTANTS.—Continued.

	Support Fund	Ag. Exp. Sta.	Other College Funds	Totals
Maudie A. Earhart, English	800.00			800.00
George Mitchell, farm foreman	1,200.00			1,200.00
W. A. Lintner, farm crops	1,000.00			1,000.00
Student assistant, farm crops	300.00			300.00
Winifred Gettemy, home economics	1,000.00			1,000.00
Iva Brandt, home economics	800.00			800.00
Marie Adslit, home economics	1,000.00			1,000.00
Henrietta French, home economics	1,000.00			1,000.00
Marie Hanson, home economics	300.00			300.00
F. W. Allen, horticulture	1,200.00			1,200.00
Amy Noll, assistant librarian	700.00			700.00
Kathleen Holdridge, cataloger	900.00			900.00
Caroline Laird, engineering library	650.00			650.00
Robina Rae, agricultural library	480.00	300.00		780.00
Annie Fleming, mathematics	1,150.00			1,150.00
Helen Smith, mathematics	1,100.00			1,100.00
Agnes Mosher, mathematics	1,100.00			1,100.00
Student assistant, mathematics	125.00			125.00
J. W. Cameron, mechanical engineering	1,000.00			1,000.00
R. C. Riedesel, mechanical engineering	800.00			800.00
E. C. Potter, mechanical engineering	1,000.00			1,000.00
John Sawin, mechanical engineering	1,000.00			1,000.00
E. M. Spangler, mechanical engineering	800.00			800.00
John Hug, mechanical engineering	1,200.00			1,200.00
A. F. Nickels, mechanical engineering	1,000.00			1,000.00
G. H. Montillon, mechanical engineering	800.00			800.00
Student assistants, mechanical engineering	125.00			125.00
C. Mundhenk, band instructor	400.00			400.00
M. F. Beecher, mining engineering	625.00		(d) 625.00	1,250.00
Grace Norton, modern language	1,000.00			1,000.00
Ingeborg Lommen, modern language	1,000.00			1,000.00
Mary P. Fairfield, modern language	1,000.00			1,000.00
Daisy Arville, modern language	1,000.00			1,000.00
H. J. Plagge, physics	1,050.00			1,050.00
J. C. Pomeroy, physics	1,000.00			1,000.00
F. N. Marcellus, poultry	1,200.00			1,200.00
F. V. Shattuck, public speaking	1,000.00			1,000.00
O. Adelia Rankin, public speaking	900.00			900.00
L. W. Forman, soils	600.00			600.00
Student assistant, soils	250.00			250.00
N. L. Nelson, veterinary	500.00			500.00
Geo. Judisch, veterinary	400.00			400.00
C. D. Rice, veterinary	125.00			125.00
R. G. Ross, veterinary	125.00			125.00
L. A. White, veterinary	125.00			125.00
T. S. Leith, veterinary	125.00			125.00
B. M. Harrison, zoology	1,400.00			1,400.00
A. P. Fant, zoology	600.00			600.00
Wm. O. Ellis, zoology	600.00			600.00
Herman A. Scollem, zoology	1,100.00			1,100.00
Student assistant, zoology	400.00			400.00
H. C. Cosgriff, field superintendent		900.00		900.00
Student assistants, chemistry	500.00			500.00
Student assistants, English	150.00			150.00
Betty Pritchett, assistant cataloger	780.00			780.00
Student assistant, modern language	350.00			350.00
Mr. and Mrs. Thompson, music	500.00			500.00
Emily Cunningham, matron	750.00			750.00
G. P. Bowdish, inventory clerk	1,200.00			1,200.00
Total	\$ 63,450.00	\$ 1,800.00	\$ 625.00	\$ 65,875.00

Aggregating the salaries in the different lines of work, we have the following:

Educational support funds, including administrative officers.....	\$230,075.00
Agricultural Extension work.....	32,321.61
Agricultural Experiment station.....	46,475.00
Engineering Experiment station.....	6,275.00
Good Roads experimentation.....	6,780.00
Repair funds	1,350.00

Total\$323,276.61

This report is presented in the hope that those caring to make a careful study of the financial operations of the biennial period will find the work of the two years so presented and classified as to enable them to become fully acquainted with the details of the financial management of the College.

Respectfully submitted,

E. W. STANTON, Secretary.

TREASURER'S REPORT—IOWA STATE COLLEGE.

The following is a complete statement of the transaction of accounts for the fiscal year ending June 30, 1911.

	Balance July 1, 1910		Fiscal Year		Total		Support Fund		Balance June 30, 1911	
	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Support funds balance July 1, 1910		\$ 28,160.46				\$ 28,160.46		\$ 28,160.46		
Interest on investment of endowment funds				\$ 35,742.79		35,742.79		35,742.79		
Interest on Treasurer's balance				1,943.05		1,943.05		1,943.05		
Morrill fund				45,000.00		45,000.00		45,000.00		
State support				205,027.47		205,027.47		205,027.47		
Donation fund				7.40		7.40		7.40		
Special equipment and interest fund			\$ 3.00	70.00	\$ 3.00	70.00		67.00		
Agricultural fellowship		111.71	150.00	420.00	150.00	531.71			\$ 381.71	
Hospital		1,133.89	2,593.03	2,570.41	2,593.03	3,704.30			1,111.27	
Piano rent		135.30	49.75	179.33	49.75	314.63			264.88	
Room rent		1,286.12	3,159.04	5,129.16	3,159.04	6,415.28			3,256.24	
State Fair scholarship		431.25	806.26	968.75	806.26	1,400.00			598.74	
Tuition			112.50	6,790.00	112.50	6,790.00		6,677.50		
Tuition		6,191.67				6,191.67			6,191.67	
Salaries—Morrill			4,500.00		45,000.00		\$ 45,000.00			
Salaries—support			86,635.25		86,635.25		86,635.25			
Salaries—assistants			52,954.19		52,954.19		52,954.19			
Agricultural dean's office			764.44		764.44		764.44			
Agricultural engineering			4,411.40	2,860.56	4,411.40	2,860.56	1,550.84			
Agricultural Journalism			868.05	800.00	868.05	800.00	92.61		24.56	
Animal husbandry			4,345.96	3,448.50	4,345.96	3,448.50	897.46			
Bacteriology			1,560.98	687.37	1,560.98	687.37	873.61			
Botany			2,285.22	1,221.60	2,285.22	1,221.60	1,063.62			
Chemistry			7,973.56	7,040.14	7,973.56	7,040.14	933.42			
Civil engineering			3,193.02	1,789.55	3,193.02	1,789.55	1,403.47			
Dairy			28,383.62	26,748.36	28,383.62	26,748.36	1,635.26			
Dairy farm			6,036.36	4,250.38	6,036.36	4,250.38	1,785.98			
Economics			277.05		277.05		277.05			
Electrical engineering			1,617.96	568.00	1,617.96	568.00	1,049.96			
Engineering dean's office			896.34		896.34		896.34			
English			763.62	690.75	763.62	690.75	72.87			
Farm			14,047.83	11,212.16	14,047.83	11,212.16	2,835.67			

Farm crops			2,821.88	1,896.15	2,821.88	1,896.15	925.73			
Graduates' school			5,417.74	2,767.74	5,417.74	2,767.74	2,650.00			
History			157.61		157.61		157.61			
Home economics			2,819.71	1,287.00	2,819.71	1,287.00	1,532.71			
Horticulture			4,068.90	1,524.73	4,068.90	1,524.73	2,544.17			
Junior college dean			1,225.74		1,225.74		1,225.74			
Library			1,774.91	607.30	1,774.91	607.30	1,167.61			
Mathematics			212.49		212.49		212.49			
Matron's fund			166.71		166.71		166.71			
Mechanical engineering			5,034.20	3,416.85	5,034.20	3,416.85	1,617.35			
Military			396.43		396.43		396.43			
Mining engineering			2,164.08	178.50	2,164.08	178.50	1,985.58			
Modern languages			111.78		111.78		111.78			
Music			80.77		80.77		80.77			
Physical culture			193.19	154.00	193.19	154.00	39.19			
Physics			2,813.56	1,868.00	2,813.56	1,868.00	945.56			
Poultry			1,459.65	331.19	1,459.65	331.19	1,128.46			
Public speaking			80.06		80.06		80.06			
Soils			1,727.97	783.50	1,727.97	783.50	944.47			
Summer school			1,286.00	286.00	1,286.00	286.00	1,000.00			
Veterinary			3,785.40	2,592.25	3,785.40	2,592.25	1,193.15			
Zoology			2,356.32	1,605.00	2,356.32	1,605.00	751.32			
Advertising			434.88		434.88		434.88			
Catalog			2,104.99		2,104.99		2,104.99			
Contingent expense			2,109.84		2,109.84		2,109.84			
Fires, lights and incidentals			46,007.13	33,472.64	46,007.13	33,472.64	12,534.49			
Inventory clerk			100.00		100.00		100.00			
Janitor fund			12,348.28	53.15	12,348.28	53.15	12,295.13			
President's office			1,404.44		1,404.44		1,404.44			
Public grounds			3,775.34	69.44	3,775.34	69.44	3,705.90			
Purchasing committee			2,020.00		2,020.00		2,020.00			
Registrar's office			2,386.27	1,217.00	2,386.27	1,217.00	1,169.27			
Sabbath services			560.00		560.00		560.00			
Secretary's office			1,207.71		1,207.71		1,207.71			
Treasurer's office			2,859.28		2,859.28		2,859.28			
Agricultural extension			278.50	278.50	278.50	278.50				
Engineering experiment station			481.11	481.11	481.11	481.11				
State appropriations		5,372.76	265,084.07	270,801.00	265,048.07	276,173.76				11,089.69
Total		\$ 42,823.16	\$ 652,205.37	\$ 690,335.78	\$ 652,205.37	\$ 733,659.94	\$ 264,084.86	\$ 322,625.67		\$22,913.76
Balance support funds							58,540.81			58,540.81
Cash to balance as follows:										
Support funds	\$ 28,160.46		\$ 30,380.35			58,540.81			58,540.81	
State appropriations	5,372.76		5,716.93			11,089.69			11,089.69	
Miscellaneous accounts	9,289.94		2,534.13			11,824.07			11,824.07	
Total	\$ 42,823.16	\$ 42,823.16	\$ 690,836.78	\$ 690,836.78	\$ 733,659.94	\$ 733,659.94	\$ 322,625.67	\$ 322,625.67	\$81,454.57	\$81,454.57

SECOND BIENNIAL REPORT

APPROPRIATIONS JUNE 30, 1911.

	Balance July 1, 1910	Drawn from state treas- urer	Expended during year	Balance June 30, 1911
Agricultural extension -----	\$ 2,707.81		\$ 2,707.81	
Agricultural extension -----		\$ 34,005.49	33,887.12	\$ 118.37
Agricultural hall furniture -----	9.16	2,083.44	2,092.60	
Agricultural hall furniture -----	1.65	13,666.39	13,668.04	
Books and periodicals -----	346.76		346.76	
Books and periodicals -----		4,900.00	4,897.50	2.50
Cataloger -----		600.00	600.00	
Central heating plant -----		40,664.19	40,655.16	9.03
Engineering annex furniture -----		2,012.67	2,012.67	
Engineering experiment station -----	2,297.38		2,297.38	
Engineering experiment station -----		6,002.75	4,790.01	1,212.74
Equipment of departments -----		7,793.56	7,791.88	1.68
Good roads -----	.40		.40	
Good roads -----		6,002.75	4,961.58	1,041.17
Horse breeding experimentation -----	3.61		3.61	
Horse breeding experimentation -----		1,400.00	1,008.98	391.02
Pure bred stock -----		3,568.59	3,568.59	
Repairs and contingent -----	5.99		5.99	
Repairs and contingent -----		36,000.00	32,702.91	3,297.09
Sidewalks and grading -----		565.85	565.85	
Special building tax -----		106,521.58	106,519.23	2.35
Two year agricultural course -----		5,013.74		5,013.74
Total -----	\$ 5,872.76	\$ 270,801.00	\$ 265,084.07	\$ 11,089.69

EXPERIMENT STATION, JUNE 30, 1911.

	Balance July 1, 1910		Fiscal Year		Total		Support Fund		Balance June 30, 1911	
	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Government appropriation—Adams				\$15,000.00		\$15,000.00		\$15,000.00		
Government appropriation—Hatch				15,000.00		15,000.00		15,000.00		
State support		\$ 6,255.66		48,008.24		49,263.90		49,263.90		
Salaries section			\$33,430.19		\$33,430.19		\$33,430.19			
Agricultural engineering section			1,319.43	78.24	1,319.43	78.24	1,241.19			
Animal husbandry section			11,836.68	7,200.63	11,836.68	7,200.63	4,636.05			
Botanical section			823.01		823.01		823.01			
Bulletin section			2,662.42	.50	2,662.42	.50	2,661.92			
Chemical section			1,784.40	80.50	1,784.40	80.50	1,703.90			
Dairy section			1,938.73	1,033.47	1,938.73	1,033.47	905.26			
Dairy farm section			2,037.10	266.13	2,037.10	266.13	1,770.97			
Director's section			1,628.06		1,628.06		1,628.06			
Entomology section			1,000.58		1,000.58		1,000.58			
Farm crops section			4,935.77	1,174.17	4,935.77	1,174.17	3,761.60			
General expenses section			169.09		169.09		169.09			
Horticultural section			5,823.31	452.06	5,823.31	452.06	5,371.25			
Photography section			1,350.63	693.80	1,350.63	693.80	656.83			
Poultry section			1,250.02	56.82	1,250.02	56.82	1,193.20			
Soils section			4,802.60	706.39	4,802.60	706.39	4,096.21			
Veterinary section			961.23		961.23		961.23			
Total			\$77,753.25	\$84,750.95	\$77,753.25		\$66,010.54			
Balance	6,255.66		6,997.70		13,253.36		13,253.36		\$13,253.36	
Total	\$ 6,255.66	\$ 6,255.66	\$84,750.95	\$84,750.95	\$91,006.61	\$91,006.61	\$79,263.90	\$79,263.90	\$13,253.36	\$13,253.36

Respectfully submitted,
HERMAN KNAPP,
Treasurer.

TREASURER'S REPORT—IOWA STATE COLLEGE.

The following is a complete statement of the transaction of accounts for the fiscal year ending June 29, 1912.

	Balance July 1, 1911		Fiscal Year		Total		Support Fund		Balance June 29, 1912	
	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Balance support funds		\$ 58,540.81		\$ 39.50		\$ 58,580.31		\$ 58,580.31		
Endowment interest fund				35,018.73		35,018.73		35,018.73		
Interest on treasurer's balance				3,380.95		3,380.95		3,380.95		
Morrill fund				50,000.00		50,000.00		50,000.00		
State support funds				245,000.00		245,000.00		245,000.00		
Donation fund				1.00		1.00		1.00		
Special equipment and instructional fund				20.00		20.00		20.00		
Agricultural fellowship		381.71	\$ 350.00	500.00	\$ 350.00	881.71			\$ 531.71	
Hospital		1,111.27	3,424.16	5,147.97	3,424.16	6,259.24			2,835.08	
International Harvester scholarship			150.00	300.00	150.00	300.00			150.00	
Piano rent		264.88	186.71	161.30	186.71	426.18			239.47	
State Fair scholarship		593.74	724.99	600.00	724.99	1,193.74			468.75	
Tuition—repairs		6,191.67	6,191.67		6,191.67	6,191.67				
Tuition			152.50	8,300.00	152.50	8,300.00		8,147.50		
Salaries—Morrill support			50,000.00		50,000.00		\$ 50,000.00			
Salaries—support			100,988.97		100,988.97		100,988.97			
Salaries—assistants			58,393.15		58,393.15		58,393.15			
Agricultural dean's office			814.92		814.92		814.92			
Agricultural education			1,066.52		1,066.52		1,066.52			
Agricultural engineering			4,226.91	2,768.31	4,226.91	2,768.31	1,498.60			
Agricultural journalism		24.56	1,560.18	961.99	1,560.18	986.55	573.63			
Animal husbandry			6,491.58	3,474.64	6,491.58	3,474.64	3,016.94			
Bacteriology			3,252.21	1,113.54	3,252.21	1,113.54	2,138.67			
Botany			3,646.03	1,585.25	3,646.03	1,585.25	2,060.78			
Chemistry			11,918.28	10,297.02	11,918.28	10,297.02	1,621.26			
Civil engineering			4,405.95	1,433.00	4,405.95	1,433.00	2,972.95			
Dairy			31,049.93	29,716.83	31,049.93	29,716.83	1,333.10			
Dairy farm			6,518.30	4,807.19	6,518.30	4,807.19	1,711.11			
Economics			403.44	15.00	403.44	15.00	388.44			
Electrical engineering			4,102.07	469.00	4,102.07	469.00	3,633.07			
Engineering dean's office			1,420.74		1,420.74		1,420.74			
English			402.50	201.25	402.50	201.25	201.25			
Farm			17,568.17	13,873.89	17,568.17	13,873.89	3,694.28			
Farm crops			5,872.53	1,963.92	5,872.53	1,963.92	3,908.61			

TREASURER'S REPORT—IOWA STATE COLLEGE—CONTINUED.

EXPERIMENT STATION, JUNE 29, 1912.

	Balance July 1, 1911		Fiscal Year		Total		Support Fund		Balance June 29, 1912	
	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
U. S. Adams fund				\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		
U. S. Hatch fund				15,000.00		15,000.00		15,000.00		
State support fund		\$ 13,253.36		55,000.00		68,253.36		68,253.36		
Salaries section			\$ 35,057.42		\$ 35,057.42		\$ 35,057.42			
Salaries section—assistants			1,240.00		1,240.00		1,240.00			
Agricultural engineering section			1,594.41	29.45	1,594.41	29.45	1,564.96			
Animal husbandry section			14,758.39	9,113.15	14,758.39	9,113.15	5,645.24			
Bacteriology section			293.97		293.97		293.97			
Botanical section			983.50		983.50		983.50			
Bulletin section			4,657.51		4,657.51		4,657.51			
Chemical section			2,915.18	241.12	2,915.18	241.12	2,674.06			
Dairy section			1,667.07	316.99	1,667.07	316.99	1,350.08			
Dairy farm section			2,151.96	179.72	2,151.96	179.72	1,972.24			
Director's section			1,696.02		1,696.02		1,696.02			
Entomology section			910.96		910.96		910.96			
Farm crops section			4,682.79	653.33	4,682.79	653.33	4,029.46			
Forestry section			1,019.31	19.50	1,019.31	19.50	999.81			
General expense section			290.73		290.73		290.73			
Horticultural section			5,887.21	1,527.46	5,887.21	1,527.46	4,359.75			
Photography section			1,410.62	658.20	1,410.62	658.20	752.42			
Poultry section			1,181.76	49.75	1,181.76	49.75	1,132.01			
Soils section			5,975.93	482.41	5,975.93	482.41	5,493.52			
Veterinary section			122.00		122.00		122.00			
Total			\$ 88,496.74	\$ 98,271.08	\$ 88,496.74	\$ 111,524.44	\$ 75,225.66	\$ 98,253.36		
Balance	\$ 13,253.36		9,774.34		23,027.70		23,027.70		\$23,027.70	\$23,027.70
Total	\$ 13,253.36	\$ 13,253.36	\$ 98,271.08	\$ 98,271.08	\$ 111,524.44	\$ 111,524.44	\$ 98,253.36	\$ 98,253.36	\$23,027.70	\$23,027.70

STATE APPROPRIATIONS, JUNE 29, 1912.

	Balance July 1, 1912		Fiscal Year		Total		Balance June 29, 1912	
	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Additional department equipment			\$ 32,379.54	\$ 32,500.00	\$ 32,379.54	\$ 32,500.00		\$ 120.46
Agricultural extension		\$ 118.37	118.37		118.37	118.37		
Agricultural extension			88,987.67	50,000.00	38,987.67	50,000.00		11,012.33
Agricultural hall furniture			23.52	23.52	23.52	23.52		
Books and periodicals		2.50	2.50		2.50	2.50		438.75
Books and periodicals		9.03	1,869.61	1,860.58	1,869.61	1,869.01		
Central heating plant			13.37	200.00	13.37	200.00		186.63
Engineering annex furniture		1,212.74	1,212.74		1,212.74	1,212.74		
Engineering experiment station			7,632.69	10,000.00	7,632.69	10,000.00		2,367.31
Engineering experiment station		1.68	1,701.97	1,700.29	1,701.97	1,701.97		
Equipment of departments		1,041.17	1,040.97		1,040.97	1,041.17		.20
Good roads experimentation			6,862.68	10,000.00	6,862.68	10,000.00		3,137.32
Good roads experimentation			4,782.65	4,800.00	4,782.65	4,800.00		17.35
Heating plant		391.02	391.02		391.02	391.02		
Horse breeding experiment			450.00	450.00	450.00	450.00		
Horse breeding experiment			6,728.68	6,728.00	6,728.68	6,728.00	\$.68	
Public grounds improvement		3,297.09	3,297.09		3,297.09	3,297.09		
Repairs and contingent			14,872.61	36,000.00	14,872.61	36,000.00		21,127.39
Repairs and contingent			435.36	435.36	435.36	435.36		
Sidewalks and grading		2.35	182,161.11	182,200.00	182,161.11	182,202.35		41.24
Special building tax								
Total		\$ 6,075.95	\$ 309,425.40	\$ 341,797.75	\$ 309,425.40	\$ 347,873.70	\$.68	\$ 38,448.98

TWO YEAR FUNDS, JUNE 29, 1912.

	Balance July 1, 1911		Fiscal Year		Total		Support Fund		Balance June 29, 1912	
	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Two year support fund		\$ 5,013.74		\$ 25,000.00		\$ 30,013.74		\$ 30,013.74		
Two year salaries			\$ 5,350.00		\$ 5,350.00		\$ 5,350.00			
Two year assistants			10,109.81		10,109.81		10,109.81			
Two year agricultural dean's office			140.53		140.53		140.53			
Two year agricultural engineering			1,570.53	874.50	1,570.53	874.50	696.03			
Two year agronomy			490.99	394.50	490.99	394.50	96.49			
Two year animal husbandry			1,295.11	846.00	1,295.11	846.00	449.11			
Two year botany			635.85	294.00	635.85	294.00	341.85			
Two year dairy			593.68	525.00	593.68	525.00	68.68			
Two year English			49.83	14.25	49.83	14.25	35.58			
Two year heating			1,500.00		1,500.00		1,500.00			
Two year history			16.56		16.56		16.56			
Two year horticulture			815.60	115.00	815.60	115.00	700.60			
Total			\$ 22,568.49	\$ 28,063.25	\$ 22,568.49	\$ 33,076.99	\$ 19,505.24			
Balances	\$ 5,013.74		5,494.76		10,508.50		10,508.50		\$ 10,508.50	
Total	\$ 5,013.74	\$ 5,013.74	\$ 28,063.25	\$ 28,063.25	\$ 33,076.99	\$ 33,076.99	\$ 30,013.74	\$ 30,013.74	\$ 10,508.50	\$ 10,508.50

Respectfully submitted,
 HERMAN KNAPP,
 Treasurer.

NINETEENTH REPORT
OF THE
Iowa State Teachers College
AT
CEDAR FALLS, IOWA
FOR THE
College Years, 1910-1911 and 1911-1912.

Including { I. Report of the President
II. Report of the Secretary
III. Report of the Treasurer

To The Iowa State Board of Education.

LETTER OF TRANSMITTAL.

To the Iowa State Board of Education.

GENTLEMEN: As required by Section 2680, Code of Iowa, and Chapter 104, Laws of the Thirtieth General Assembly as amended by Chapter 170, Laws of the Thirty-third General Assembly, and in accordance with the resolution of the State Board of Education, May 25, 1910, the officers of the Iowa State Teachers College herewith file their reports covering the Biennial Period July 1, 1910, to June 30, 1912.

HOMER H. SEERLEY,
President.

August 1, 1912.

REPORT OF THE PRESIDENT.

IMPORTANCE OF TEACHER TRAINING.

There is no kind of public educational work which returns at once the benefits to the tax payers as does teacher education. All other kinds of education are secondary to that of the preparation of teachers. America's greatest industry is not the development of its agricultural and mineral resources; it is not manufacturing the multitudes of useful implements and machines for the market, and it is not increasing wealth and commerce. America's greatest industry is the making of capable and happy men and women out of the children and youth who inhabit its cities, towns, villages, and farms. America's fairest product is not the crops produced on the farms, nor the output of its mines and factories, but it is the many thousands of young people who are today in the schools. America's greatest problem is to so administer and conduct its educational system as to insure culture, character, capacity and competency in those who are thus being trained and prepared for a serviceable and happy life. This is the greatest business of all businesses because it demands the cooperation of all and pays dividends to all in direct proportion to results. It matters not what may be thought of the various kinds of educational endeavors that are being undertaken; none of them are worth consideration unless a thoughtful, skillful, and scholarly teacher is secured to conduct the work of training and developing the powers and the possibilities of the children. The teacher occupies a place of influence and of destiny in determining the outcome of civilization; and the human family should never forget that the progress, enlightenment, and success of the next generation depend very largely upon the work done in the schools. The delays that are suffered, the losses that are experienced, the misfortunes that are endured are consequences of conditions and of inheritances that a proper education and training could prevent. The only hope for the age is a greater intelligence, a broader experience and a purer wisdom than at present exist. Everything good and salutary and sane that is essential in religion, politics, society or work depends for its ultimate result upon the strength, efficiency and greatness of the teaching found in the schools. Education has been made universal in the United States because it is known to contribute greatly to the success, usefulness and happiness of those who possess it. It is recognized that civilization is determined by the progress and capability of the masses. For this reason alone public school systems have been organized, taxes have been raised and teachers have been employed.

THE TEACHERS COLLEGE.

This is the nineteenth report that the officers of this educational institution have made to the people of the state of Iowa during the thirty-six years of its existence. The spirit of this report is one of progress, development and encouragement. The problem of properly and successfully educating men and women to be capable teachers is better comprehended today than in the past. The results shown at the Teachers College have been better during the past two years because of better facilities granted

by the state, because of more earnest and interested endeavor on the part of the members of the faculty, and because of a better ambition and of more certain response on the part of the students. Today the Iowa State Teachers College ranks as the superior public institution of its kind and class in the United States. Its efficiency is unquestioned; its breadth of view is acknowledged; and its capacity to accomplish is recognized. Iowa has done right in building well and strong the foundations of its educational system by maintaining a notable teachers' school. With it, the foundation is secure and well sustained, and the coming superstructure is assured. Today no other educational institution has better recognition for its graduates, wherever they may go, than is accorded to the representatives of the Iowa teachers' school, since possessing its diploma is a guarantee of efficiency and of thoroughness of training. To such an extent is this true that a large number of states are glad to welcome its graduates to their schools as being among the ablest and the best to be found anywhere. This is also witnessed at home through the constantly growing desire of superintendents and school boards to have as teachers such persons as the members of the faculty can thoroughly recommend for competency and strength. The constant improvement of the equipment and the facilities for more efficient work have been notable facts, and hence students are doing more and better work from year to year and the name and the reputation of the institution are being regularly exalted. In fact, nearly all the criticism that is directed at the Iowa State Teachers College, in the press, in the educational convention and in the conference of workers of all kinds, consists of admissions that the school is more notable, more strong, and more effective than the times demand. It is a very strange commentary upon public opinion when such opinion intimates that teacher education can be better than it ought to be or that the persons to be put in charge of the children of the common people should be individuals of meager attainments and little wisdom. Anyone who takes this view of the problem of popular education is no true friend of the masses and no genuine leader in the real development of democratic institutions.

The Teachers College is not a College of Liberal Arts. There is some confusion among educators and laymen regarding the function of the Teachers College. It is not and never should become a college of liberal arts. It does not and should not consist of courses of study where scholastic studies for students intending to be teachers are taught for culture and for training similar to that designated as the function of a liberal arts college. Every branch of study taught in a teachers school should be developed and mastered from the standpoint from which a teacher needs to consider it when preparing to give instruction in such branch. Every lesson should be conducted in a manner and with a spirit that is technical rather than general. The pedagogic idea should constitute a definite, prominent part of every day's work in language, mathematics, science and art. This is not possible and is not desirable in a liberal arts college. The students in such a college have many intentions as to vocation after graduating. They have various attitudes toward scholarship as a necessity of these intentions. Their need to know accur-

ately, to comprehend fully and to utilize completely does not exist as they rarely expect to make these subjects of study fundamental to their occupation in their selected careers. Then, liberal arts education is a preparatory education, not a technical education. The education undertaken in a teachers college, where every student is training to be a teacher of others must be essentially different from that needed in other occupations. There have been quite uniform attempts in many states to make professional education of teachers occupy a relation to liberal arts colleges similar to that existing toward the professional education of lawyers, physicians and clergymen. These attempts have been only partially successful as such a plan omits the point of view and the spirit of training that is so absolutely essential to the making of a thoroughly competent, self-sacrificing teacher. The attitude of a teacher toward mankind is peculiarly notable if he is specially successful and acceptable. He must be humane, considerate of others, sympathetic in conduct and spiritual in standards. His habits must be most exemplary, his language clean in diction and his motives strong in ideals of life. For these reasons he is best prepared for his career by being trained in an atmosphere where these conceptions prevail and where these standards of excellence dominate. This status of organization, instruction, and expansion controls the properly managed teachers' college. It is an institution unique in its undertakings, in its discipline, in its moral excellence, and in its endeavors to give a right bent to that spirit of civilization which is for the uplift and the supreme happiness of humanity.

The Teacher Supply Problem. The vocation of teaching is much hampered by definite and absolute limitations that have been placed by custom and by statute. This situation is commonly not recognized by many publicists and reformers who are specially active in securing increasing competency in those who desire to become public school teachers; and yet progress must be slow as long as such conditions control. Additional limitations are due to the fact that the school authorities who employ teachers are not yet willing to pay trained and educated teachers a larger salary than they pay those who have expended nothing of time or money in qualifying themselves for the business. As long as empiricism is ranked as equal to scientific training, there is no premium for special study and added competency and hence there is no effective inducement for regarding education and training as either necessary or important. These limitations are difficult to overcome when the laws of the state authorize permanent certification without restrictions, on such meager bases and standards. A very moderate examination in arithmetic, geography, English grammar, United States history, reading, orthography, physiology, vocal music, penmanship, and didactics, gives a teacher in Iowa a license to instruct children, with the promise that a life license will be issued after five years of satisfactory experience. Such limited scholastic standards must place the public service in the hands of those below the grade of high school graduation and prevent any motive for improvement except a personal desire to get a higher education or an individual hope to get into a more notable situation as a teacher. As a

consequence, teacher-training of all kinds is not reaching the number of teachers it should because they are encouraged to avoid any expenditure for developing competency.

THE COUNTRY SCHOOL SITUATION.

The country schools of Iowa are consequences of a condition and are not results of mistaken theory. Supervision of schools and establishment of educational institutions for teachers do not accomplish much for them because they are not seeking the betterment that those instrumentalities can give. These schools are controlled, directed, and managed by the local community. They are not disturbed by new ideals, improved theories or more effective methods. Their degree of service and of spirit depends upon community initiative, investment, and notions of accomplishment. They are not attractive as business propositions because the salary paid and the opportunities offered are not the equivalent to those offered in many occupations where less is demanded. The work is placed on a par with other service where the least mature and the least qualified are able to secure employment. They are beginning places for most young teachers and they are constantly in charge of the inexperienced, the holders of the lowest grade of certificates and the provisionally licensed. The better and more successful are gradually eliminated by a system of natural promotion to the towns and villages and hence the children of the country are not given the advantages or the opportunities that the laws or the management intend. To meet these unsatisfactory conditions many remedies are proposed. It does not matter how worthy or how wise such plans are. Consolidation of schools, minimum salary laws, more and closer supervision, expanded instruction in agriculture, manual training, and home economics—all good things in themselves—will be useless endeavors unless there is a truer and higher conception of the importance and value of the teacher as the factor in accomplishment. The "survival of the fittest" is an unknown law in country school administration, and hence the incompetent, the unprepared, and the unskillful are the teachers whose standards conform to the market price and the public ideals. This has been largely due to the fact that neither the nation nor the state is as much interested in the welfare of the human family as it is in the crops that are produced, the domestic animals that are reared, or the industrial success that can be attained. Human life, health and happiness are left to individual initiative, while vegetable life and animal life are considered as deserving national and state initiative. Multitudes of volumes are published about stock raising and farm improvement while scarcely anything is published regarding the importance of the rearing, training, and educating of children and youth. Materialism overwhelms spirituality, and temporary prosperity is chosen in place of permanent prosperity.

EFFECT OF MINOR MINIMUM STANDARDS.

A half educated person is not any more useful in an elementary school than is a half educated person in a high school or a college. It requires just as much, if not more, efficiency and capability to teach children as to teach youth. Despite this truth, the standard of elementary teaching is such that the half educated enter and control the business. The teacher training school does not appeal to the masses of elementary teachers beyond the securing of the brief preparation required for the uniform county certificate. The result is that the improvement of the teacher-in-service is only secured by some formal stress or threat upon the part of school superintendents and school boards, and under such circumstances the undertaking is not free or cooperative. The present system of certification of teachers began in 1906. Temporarily the effect was to compel those desiring to obtain certificates to attend school for a short time. Then the only kind of a county certificate that was indefinitely renewable was the first grade certificate. This caused the vast majority to endeavor to attain unto the better county certificate. All this meant stronger scholarship and a notable advance. Just when the dawn of a better day was breaking over the prairies of Iowa, the law was passed that made the second grade county certificate indefinitely renewable and this was followed by the law that made all these certificates a life license without any restrictions. These movements toward reaction postponed the day of a better qualified force of workers for educational progress.

NORMAL COURSE CERTIFICATE.

The State Teachers College now offers the following Normal Course of Study for County Certificate Teachers:

FIRST YEAR.

- | | | |
|--------------------|--------------------|------------------------|
| 1. Arithmetic | 1. Arithmetic | 1. Physiology |
| 2. Reading | 2. Geography | 2. Geography |
| 3. English Grammar | 3. English Grammar | 3. English Composition |
| 4. Orthography | 4. U. S. History | 4. U. S. History |
| 5. Vocal Music | 5. Vocal Music | 5. Penmanship |

SECOND YEAR.

- | | | |
|------------------------|--------------------|-----------------------------------|
| 1. Manual Arts | 1. Didactics | 1. Methods |
| 2. Algebra | 2. Algebra | 2. El. Civics |
| 3. English Composition | 3. El. Physics | 3. El. Physics |
| 4. El. Economics | 4. El. Agriculture | 4. El. Agriculture or Manual Arts |

NOTES:

1. Admission to this course requires country school diploma or equivalent scholarship.
2. Abridgements will be given for all subjects on uniform county certificates showing 75 per cent or above.
3. On completion of this course a certificate is awarded giving statement of qualifications attained.

ATTENDANCE OF SUCH STUDENTS AT THE TEACHERS COLLEGE.

In 1910-11 there were enrolled in these classes 457 students.

In 1911-12 there were enrolled in these classes 495 students.

Since no recognition in any statutory way has been granted to such students and all of them have been applicants for county uniform certificates, most of them have been willing to suspend their studies as soon as they reach the second grade uniform county certificate, as they can then reach permanent certification after a service of five years. This condition ought to be met by some definite plan that would encourage them to study for first grade uniform county qualifications, as such scholarship is of itself little enough to give assurance of creditable promise as a district school teacher.

Recommendation. In order to meet this special need and to secure what this additional study should give such teachers, I recommend that the State Board of Education endeavor to secure legislation which will authorize the granting of honorary first grade uniform county certificates to graduates of such course as soon as they prove by successful work in the public schools that they are deserving of such honorary recognition. Such a method is now used to encourage the studying for state certificates, and since the uniform county certificates may now become life certificates, the honoring of such preparation and training in a recognized teachers' training school should be granted, as the obtaining of first grade uniform county certificates in this way would have the effect of sending many low grade teachers to school.

THE DESIRABILITY OF HAVING DORMITORIES FOR THE STUDENTS.

After due deliberation, investigation, and experience, covering a period of twenty years, I am brought to the conclusion that the present private dormitory system can never have a permanent policy or a certain management and can not be controlled or supervised as demanded by the interests and needs of the students at this College, and that therefore the State of Iowa should gradually substitute a public dormitory system, which shall have a permanent policy and management on a fixed standard of quality. All prominent educational institutions in the United States have been compelled to not only provide teachers and laboratories and libraries for their students, but also, to more or less extent, provide lodging and board for them. They have done this in order to protect the rights and the privileges of the patrons of these institutions from extortionate rates or from other flagrant abuses. In doing this official act, I present you the facts and the conclusions that I have reached in the investigations I have made regarding the needs of the Teachers College as well as the arguments that are involved in such a discussion of policies.

1876-1893. The first Board of Directors organized the institution in 1876, providing for dormitories for both men and women students and assigning to such purpose all the rooms which were not regarded as abso-

lutely essential to the educational part of the school. As there were in the beginning few students and few members of the Faculty, nearly the entire population could be housed and taught in an institutional way. During the first decade the enrollment increased from 155 the first year to 432 the tenth year, the expansion being very slow because there were limited boarding facilities on the campus, and those who could not there be accepted had to go from one to two miles to secure private room and board. Sundry attempts were made by the Board during these ten years to secure the funds necessary to increase the capacity of the school. Every appropriation requested for this purpose was refused, except one for \$30,000 in 1882, which appropriation provided for the erection of South Hall, now used by the Training School Department. This new building was so planned as to care for about thirty additional women as well as furnishing rooms for the President and certain members of the Faculty, and also a model school room, a library room, certain laboratories and a chapel. Since there was not enough money to complete this plan, Cedar Falls citizens united with the Faculty in subscribing \$6,000 to finish the proposed building. Later attempts soon made it apparent that the State would not appropriate any money for the expanding of the school on the combined plan. The Legislative Committees began to say to the Board and the President that there was room for much enlargement of the facilities of the school if the boarding and lodging department were abolished. After much discussion and difference of opinion in the Faculty and the Board, it was decided in 1892 that the boarding and lodging of students and teachers would be abandoned at the end of that school year, and then began the village which is now around the College and which constitutes the homes of the students and teachers.

After 1892. With the abolishment of the state dormitories and the erection of many private dormitories, the developing of the present Teachers College began. 1893 enrolled 762; 1894, 800; 1895, 958; 1896, 1078; 1897, 1321; 1898, 1429; 1899, 1610; 1900, 1752. This expansion has been gradual and continuous until now over 2500 students are enrolled from year to year and the State has erected for their instruction a plant that is superior to any other special school for teachers found in the whole country. It may be wrong to assume that this change in development occurred because of a modification of the policy of the Board, but it is well known history that the General Assembly previous to this action never showed a hearty or cooperative interest in the Teachers College. When the whole attention of the Board and Faculty was given to the educational side of the endeavor the General Assembly became liberal in expenditures. Naturally, in developing these conditions and in securing this cooperation the city of Cedar Falls has contributed its part in making such success actual. It has provided public utilities such as water, gas, electricity, paving, permanent sidewalks, and transportation facilities of considerable expense to the citizens and tax payers, who have invested their money in all these enterprises. It has also cooperated with the College in making possible a training school including

all grades found in public schools, and it has paid the College a rate per pupil proportionate to what such education costs in the city. This co-operation was not an easy thing to secure as the school board practically surrendered one-fourth of all the pupils of the public schools to the College control for the sole benefit of the perfecting of the College training work.

The city has also been generous with the students who were taken with contagious diseases supervised by the State, although these students were away from home and the expenses were charged to the county. During several times in the past few years this situation has been no small problem for all concerned. In addition, the city should have credit for the special effort made to provide for the health, sanitation and comfort of the College part of the community. It is necessary that such supervision be much more extensive in the student district than in the residence part of the town.

I make these explanations because I think it best to inform the members of the Board as to these mutual obligations which exist between the officers of the College and the officers of the town, and which must be remembered in making any modification of the present system. It is recognized that these relations have happily worked together for the benefit of both parties and that few other college communities are as well situated or organized as is Cedar Falls, for caring for a student population such as attends this College. In developing this condition and these facilities the College authorities have urged the building of good houses for dormitories; they have solicited the interest of the people as a whole in the welfare of the students; they have asked for capacious dining rooms and for satisfactory service; they have advised the investing of private funds in these buildings as a good business proposition and they have requested all who thus cooperate to make the rates as reasonable as suitable returns for their investment and their labor would permit. These undertakings have not been easy as a whole because the obtaining of suitable persons capable of conducting these dormitories has been difficult; making private dormitories a success has required a great deal of sympathetic supervision, and the personal equations that have appeared to be adjusted in the relations of students and landlords have been numerous. In recognizing all these things the fact still remains that the State Teachers College has facilities for housing and boarding students that are superior to the average privileges that exist in college towns. This is partly due to the special environment of the College, and to the fact that many of our landlords are farmers or experienced boarding house keepers and that as managers they have quite uniformly made such a financial success of the enterprise that it has been possible for them to keep their rooms permanently rented for the year.

The Present Facilities. The present facilities provide for more than thirteen hundred students, two hundred of these living in the homes of Cedar Falls or Waterloo and eleven hundred living in the accredited boarding houses near the Institution. It is the duty of the Dean of

Women, annually before the fall term opens, to call on all these boarding houses and inspect the rooms, the sanitation and the housekeeping with the authority to require any improvements or changes that should be made to pass the standard of being accredited. It is also her duty to visit and inspect these houses whenever any condition or complaint occurs that makes such service important to the College or the students. This supervision has been well done and has so helped matters in general that reasonable satisfaction to all concerned has resulted. This officer harmonizes differences, secures cooperation and requires moderate and satisfactory discipline on the part of both students and housekeepers.

These eleven hundred students are much different in their standards as to what they desire to have. Some prefer first class houses, some even prefer third class houses and some prefer cheapness to all other things. Of these private dormitories, those are ranked as first class which are in good physical condition and are well kept; those are ranked as second class which are lacking in either physical condition or housekeeping, and those are ranked as third class which are lacking in physical condition because of being old and because of not showing good housekeeping. Most of the third class houses are not occupied by their owners and are not repaired as they should be. It is necessary to say that property occupied by dormitories deteriorates much more rapidly than would be expected of family residences.

Of these 1,100 lodgings, 400 are ranked as first class, 500 as second class, and 200 as third class. Today there are 15 vacancies in the first class, 70 vacancies in the second class, and 40 in the third class. The price of plainly furnished rooms with heat and light in first and second class dormitories where two students are lodged is \$2.50 a week, in third class dormitories from \$2.50 to \$2.00 a week, according to location and preference. Meals of good quality and quantity are furnished at from \$3.00 to \$4.00 per week, the majority being \$3.25 per week. The meal arrangements are usually separate from the room contracts. The custom is to make contracts for rooms by the term of twelve weeks.

The Future Needs. It seems to me that the State should provide a dormitory system for both men and women on a standard of expense and comfort better than what is now obtainable in the first class private dormitories. It is necessary to think of the needs of the men in this discussion, because the certainty of having full patronage in a private dormitory is always much more assured when women are accepted, since the attendance of men at the Teachers College is about one-fifth that of the women. Many people in the State will not send their children to Cedar Falls because these equipments are not provided by the State, as they feel that they are willing to pay more than the highest standard now in existence. The present system results in crowding the houses beyond what is absolutely for the best advantage as the more popular places are able to rent third story and also inferior rooms without any trouble or discount.

I consulted the heads of the departments regarding the needs of the College in respect to these questions. The majority positively stated that they believed a dormitory system should be adopted and gradually enlarged until it housed half of the students. The majority thought that a higher standard at larger expense than at present paid would be desirable, but a respectable minority thought that a dormitory system should cheapen the expenses of the average student and that no profit should be planned. Those who have had personal experience in conducting dormitories were not as sanguine as to the real benefits of such a plan. They said that the management of students under such circumstances required much vigilance, that giving satisfaction as to food was almost impossible at the rates usually charged, that the business losses were very surprising as it was impossible to control the waste in the dining room and in the kitchen, and that the demands for special favors were very numerous since individual needs and wishes were almost universal.

The opinion was pretty general that a single state dormitory could hardly push up the standards of the private dormitories, as the students outside of the state dormitory could not be granted any privileges in said dormitory, and if the state dormitory was on a better grade and cost more in its management, it would not be a competitor of the private dormitories in any sense of the word and hence they would not try to equal it.

As a business proposition, the larger the number that could be housed and cared for, the better would be the income of the State, because if it were profitable and desirable to provide for 100, it would be much better and more profitable to care for 1,000.

The Result on the Community. If the State becomes a competitor of the private dormitories, would not the effect be (1) to depreciate the value of the property now used as dormitories, (2) to cause the quality of those persons who undertake the work of management to be of less strength of personality and influence, (3) to cause less interest in the College in the community, and (4) to produce less willingness on the part of the city to cooperate with the College in its future enterprises? The heads of departments thought that all these results would be a consequence unless the Board announced its policy to be that of providing only a few such buildings and of conducting them on a higher plane so that students satisfied with present conveniences would not be induced to change their patronage. Some thought that a public institution ought not to conduct this sort of an enterprise on any other basis than it now conducted the College itself, because teacher students were entitled to have these privileges at lower rates than would be expected by students who were preparing for more lucrative occupations than teaching.

Location. These proposed dormitories could be erected on the north side of the campus and thus form an outer quadrangle for the institution. The space is here sufficient for three or four such buildings. They should face toward the inner quadrangle and should be entered from that side alone, as thereby the lighting of the quadrangle would contribute to the convenience and protection of the students. When a sewer is located by

the city on 27th Street, additional building space will be available for occupation. It should be understood that the adopting of this plan of providing dormitories does not abandon the later completion of the present quadrangle of school buildings.

The Need of Commons. Members of the Faculty who reside down town and who want meals at the noon or supper hours and members of the Faculty who do not have homes of their own, think that one of the greatest needs today at the College is a place where meals of suitable grade can be obtained. They are also of the opinion that such a provision for the students as exists at many colleges and universities ought to be made. If the Board decides to establish dormitories these persons suggest that this question of furnishing meals for those outside of the dormitories ought also to receive consideration. Today there is no suitable place where anyone can procure a satisfactory meal short of a two-mile trip to the business district of the city.

Final. In recommending dormitories as a future part of the Teachers College undertakings, I would emphasize the fact that most students are obliged to conduct their education on a very economical basis, as they are either in very moderate circumstances at home, or are almost, if not entirely, dependent upon their own efforts for support. In a more pronounced way it may be necessary to conclude that the teachers of the state will always come from the great middle class and that they take up the vocation of education as a means of making a living. After leaving college, they will be obliged to find homes among people who conduct boarding and lodging houses as a means of supporting their families. Experience has shown that teachers as a class, even in the more prominent centers, are not able to secure good places to stay at the expense their income will permit. All of these problems are definite ones and should have a bearing in helping you to decide the policy that it is deemed best to adopt.

THE STUDENT IN ATTENDANCE.

There are two classes of students who come to the State Teachers College—those who want education for a career as a teacher and those who want to attain the minor minimum scholarship of a county certificate. Those who come for education remain two to four years beyond high school graduation. Those who come for preparation for the examination remain from one to three terms and then withdraw permanently. While the State Teachers College does much for this class of teachers, they do not complete any course of study, and little recognition of this part of the work of the College is granted. The following numbers show the entrance rank of the students enrolled during the period:

<i>Preliminary Scholarship.</i>	1910-11	1911-12
College Graduation	23	32
High School Graduation.....	832	921
Elementary School Graduation.....	1645	1472
	<hr/>	<hr/>
	2500	2425

Of this number of elementary school graduate standard, 555 were candidates for county certificates in 1910-11 and 495 in 1911-12. On account of the epidemic of typhoid fever which occurred in November, the number in attendance for the second year was decreased beyond what would have been regular and normal. During 1909-10 there were 838 such students enrolled. Under arrangements made by the Educational Board of Examiners, the following number of students were formal candidates for the county certificates and have written the examination at the College. All Black Hawk County candidates take their examination under the County Superintendent of that County, since Cedar Falls is there located.

October, 1907.....	56	January, 1908.....	158
June, 1908.....	442	July, 1908.....	not in session
October, 1908.....	unknown	January, 1909.....	114
June, 1909.....	179	July, 1909.....	not in session
October, 1909.....	76	January, 1910.....	118
June, 1910.....	217	July, 1910.....	not in session
October, 1910.....	63	January, 1911.....	129
June, 1911.....	289	July, 1911.....	not in session
October, 1911.....	42	January, 1912.....	111
June, 1912.....	262	July, 1912.....	404

Many of the students have also been examined in their own counties because of being at home at the time or because the College was not in session at the dates for the July examination. All such students become country school teachers and there are few duplicates, since few of them returned to school after any examination.

During this time the College could by securing a few instructors have accommodated and instructed from 500 to 1,000 more of this class of students had they seen fit to take advantage of the superior advantages granted here by the State. The demand for such preparation is not pressing and were there additional normal schools in existence the possible clientage of such students could not be much increased. The number of young people who are willing to prepare for country school work is very small as compared with the number of teachers desired to fill this kind of schools.

Other States. Wisconsin has eight and Minnesota five state normal schools. Both states do much more official promoting and advertising than Iowa. Their enrollment of this class of teacher students does not show marked improvement over that shown in Iowa. In Wisconsin the state has finally opened the normal school class rooms to any student who may not desire to teach, giving him regular freshman and sophomore work equivalent to that offered at the state university. This is done with the hope that contact with the teachers' schools may lead some such persons to enter the vocation of teaching. The normal schools of these states are equivalently criticised because they do not furnish a proper supply of qualified teachers for the public service where the salaries are the smallest and the living the hardest because of the indefinite arrangements for lodging, board, and the common comforts of the home. Much of this condition in Iowa is due to the universal prosperity of the people and to their not desiring to enter the business of lodging and boarding the teacher. Then the theory of economy on which such work is con-

ducted does not take into consideration the superior qualifications that a teacher should have and the large expense that suitable training requires.

PROMOTION AND PUBLICITY.

The present day is one of promotion and publicity. If progress is rapid or change accomplished, then promotion is a necessity and must not be overlooked. If such a policy is necessary regarding the farming and the stock raising, it is still more important as regards the intellectual, social and moral welfare of the next generation. This is the more prominent activity of the present time—the preparing of the youth to continue the progress now being enjoyed. If the youth are not completely and thoroughly prepared, they cannot be competent to keep up the standard already experienced, let alone produce other progress. In the enthusiasm over the present, the immediate future is neglected and the distant future is not regarded. Every community should be judged by the prospects of its young people rather than by the energy and accomplishments of those at present in charge of the affairs of business, of enterprise, of state and of nation. Without notable results in education and training, the children and youth will not be equal to their parents, when the progress secured and evidenced demands that they be superior to their parents. Hence, there should be much attention given to the promotion of public school education. The state should take a hand in co-operating personally and financially in developing public opinion. There should be active, scholarly state representatives in the field, competent to lecture, to demonstrate and to inaugurate improvement. There should be an improved attitude toward the permanent in capability and character.

THE WORK OF THE TEACHERS COLLEGE AND THE PUBLIC.

The public should know more about the educational institutions that the State maintains and as a consequence a larger attempt at publicity should be inaugurated. The clientage of a college depends upon publicity, and since the state institutions do little advertising after the manner of commercial business, the opportunities they offer are comparatively little known. This is more particularly true regarding the patrons of the Teachers College, as its students must come from those who are less inquiring and less particular regarding the institution they select. In addition many of the students are those who have little knowledge of schools as to quality. It is no uncommon thing for a student to come to Cedar Falls after attending three or four schools spending a short time at each. This was done at much loss of time and benefit because such a policy is unfortunate in reasonable returns. For these reasons, it seems important that a publicity department be organized and that the State let the people know much more fully regarding what the State is doing in the preparation of young people to be teachers. While expending so much in general for the benefit of the public school teacher, it will be a policy of economy to give these would-be teachers additional attention by letting them know regarding the advantages that are theirs, if they will only come and take them.

IN CONCLUSION.

The policy of state education has been entirely too conservative from the standpoint of providing relations between the people and the state institutions. It has been assumed that the people know all they need to know regarding the propriety, advisability and utility of advanced and professional education. This assumption is not correct because the families who have children to educate do not always appreciate the fine opportunities that they have near home. Hence, the progress of higher and professional education has not kept pace with the progress in other lines of human activity, and as the average wealth of the individual has increased the average education and training has not accompanied. It is well for the State to build its institutions; it is well to open opportunities for the help and the improvement of the generations of people as they come toward maturity and the highest usefulness; and it is equally well to conduct a campaign of evangelization and encouraged progress, because without such methods and plans, the people who ought to get the benefits that the age freely offers, will not recognize the opportunities granted and for that reason will neglect to accept their heritage. Iowa has reached the time when publicity and promotion in education are first in the consideration of its leaders.

HOMER H. SEERLEY,
President.

August 1, 1912.

1. FACULTY STATISTICS.

Rank.	1910-11	1911-12
President	1	1
Head Professors	12	19
Professors	32	26
Assistant Professors	13	18
Instructors	34	30
Assistants	12	14
Total	104	108

The Faculty was composed in 1910-11 of 43 men and 61 women, and in 1911-12 of 44 men and 64 women.

2. STUDENTS GRADUATING DURING PERIOD.

Bachelor of Arts	25	47
Master of Didactics	32	16
Bachelor of Didactics	58	77
Special Teacher Diploma	155	153
Total	270	293

3. SUMMARY OF STUDENTS, 1910-11.

	Men	Women	Total
College Graduates -----	6	17	23

COLLEGE COURSE.

Freshmen -----	29	170	199
Sophomores -----	29	142	171
Juniors -----	19	66	85
Seniors -----	16	28	44
Total -----	93	406	499

SPECIAL TEACHER COURSES.

Primary -----	0	180	180
Kindergarten -----	0	49	49
Public School Music -----	0	34	34
Manual Training -----	7	3	10
Domestic Science -----	0	37	37
Physical Training -----	2	9	11
Drawing -----	0	12	12
Total -----	9	324	333

NORMAL AND SPECIAL NORMAL COURSES.

Normal -----	50	197	247
Primary -----	0	111	111
Kindergarten -----	0	14	14
Public School Music -----	0	28	28
Manual Training -----	7	2	9
Domestic Science -----	0	16	16
Drawing -----	0	6	6
Physical Training -----	1	0	1
Preparing for college entrance -----	4	21	25
Total -----	62	395	457
County Certificate Course -----	112	443	555
Special Music Teacher Course -----	5	3	8
Unclassified as to course -----	56	569	625
Total number of students in all courses -----	348	2,157	2,500

TRAINING DEPARTMENT.

	Boys	Girls	Total
Advanced Training School Pupils -----	96	109	205
Primary Training School Pupils -----	32	31	63
Kindergarten Training School Pupils -----	30	17	47
Total -----	158	157	315
Grand total -----	501	2,314	2,815

4. SUMMARY OF STUDENTS, 1911-12.

	Men	Women	Total
College Graduates -----	6	26	32

COLLEGE COURSE.

Freshmen -----	41	179	220
Sophomores -----	20	171	201
Juniors -----	16	46	62
Seniors -----	27	46	73
Total -----	114	442	556

SPECIAL TEACHER COURSES.

Primary -----	0	175	175
Kindergarten -----	0	37	37
Public School Music -----	0	40	40
Manual Training -----	13	1	14
Drawing -----	0	9	9
Physical education -----	3	9	12
Home Economics -----	0	71	71
Elementary -----	0	5	5
Commercial Education -----	1	1	2
Total -----	17	348	365

NORMAL AND SPECIAL NORMAL COURSES.

Normal -----	50	210	260
Primary -----	0	73	73
Kindergarten -----	0	5	5
Public School Music -----	0	6	6
Manual Training -----	3	1	4
Drawing -----	1	2	3
Home Economics -----	0	9	9
Total -----	54	306	360
County Certificate Course -----	100	395	495
Special Music Teacher Courses -----	11	41	52
Unclassified as to course -----	56	509	565
Total Number of Students in all Courses -----	358	2,007	2,425

TRAINING DEPARTMENT.

	Boys	Girls	Total
Advanced Training School Pupils -----	102	116	218
Primary Training School Pupils -----	84	32	116
Kindergarten Training School Pupils -----	17	15	32
Practice Classes—Home Economics—			
City High School -----	0	34	34
Lincoln Building -----	0	73	73
Kindergarten—			
Jefferson Building -----	25	30	55
Miner Building -----	11	11	22
Total -----	189	311	500
Grand Total -----	547	2,378	2,925

PROPOSED BUDGET

OF THE IOWA STATE TEACHERS COLLEGE FOR THE BIENNIAL
PERIOD JULY 1, 1913 TO JUNE 30, 1915. PREPARED BY
HOMER H. SEERLEY, PRESIDENT,
AUGUST 1, 1912.

FINANCIAL STATEMENT CONDENSED.

Showing present support, necessary expenditures, present demands and actual needs of the Iowa State Teachers College for the biennial period, beginning July 1, 1913 and ending June 30, 1915.

I. TEACHERS FUND.

	Expense	Income
1. Permanent fund now granted annually.....		\$109,500.00
2. Additional appropriations needed annually....		23,500.00
		<hr/>
		\$133,000.00
3. Salaries of teachers for 1912-13.....	\$122,000.00	
4. Necessary advances and adjustments of salaries	6,600.00	
5. Necessary new teachers:		
1. Public worker	2,000.00	
2. Home economics	1,200.00	
3. Commercial	1,200.00	
	<hr/>	
	\$133,000.00	

Note. The salaries of superior teachers are on such a basis that a moderate increase is essential if Iowa is to be able to compete successfully with other states. Talent to fill vacancies or new places is not now obtainable at salaries paid four years ago. To keep the work required at a creditable standard demands that qualified and capable teachers be obtained. This teacher problem is the great problem of educational institutions. The young people of Iowa are entitled to the best instruction in every line.

This estimate is made with the understanding that student contingent fees are discontinued.

II. CONTINGENT FUND.

	Expense	Income
1. Permanent fund now granted annually.....		\$ 48,000.00
2. Estimated receipts from school district contracts		3,000.00
3. Estimated receipts from sale of material.....		1,200.00
4. Interest on general daily balance.....		625.00
5. Additional appropriations needed annually....		17,000.00
6. Salaries of present employes.....	\$ 27,076.00	
7. Fuel, estimated	15,000.00	
8. Educational department and laboratory supplies, estimated	10,000.00	

SECOND BIENNIAL REPORT

9. Office expenses, postage, printing, telegraph, telephone, etc.	1,900.00	
10. Quarterly Bulletin, estimated.....	2,500.00	
11. Superintendent's Department, express, freight, special labor, water, gas, electric light and unclassified items	10,000.00	
12. Renewal of furniture, equipment and apparatus	3,349.00	
	<hr/>	
	\$ 69,825.00	\$ 69,825.00

Note. This statement takes into account the necessary increase in the cost and in the amount of fuel that is now required. It also provides for the renewal of equipment and of apparatus in accordance with the experience of the past four years. The opening of an additional building will demand two new employees. The entire estimate is based on minimum expenditure and does not anticipate any unknown emergencies.

This estimate is made with the understanding that student contingent fees are discontinued.

III. SUMMER TERM FUND.

	Expense	Income
1. Permanent fund now granted annually.....		\$ 11,000.00
2. Additional permanent appropriation wanted annually to take the place of student contingent fees		6,500.00
3. Salaries of teachers for 1912.....	\$ 16,821.64	
4. Lectures	678.36	
	<hr/>	<hr/>
	\$ 17,500.00	\$ 17,500.00

This estimate is made with the understanding that student contingent fees are discontinued.

IV. LIBRARY FUND.

	Expense	Income
1. Appropriation now granted annually.....		\$ 5,000.00
2. Books, binding, etc.....	\$ 5,000.00	
	<hr/>	<hr/>
	\$ 5,000.00	\$ 5,000.00

This does not permit any decided growth to the library, but will maintain it with reasonable efficiency. In the near future the addition of books will be given attention.

V. LIBRARIAN'S SALARY FUND.

	Expense	Income
1. Appropriation now granted annually.....		\$ 7,000.00
2. Salaries	\$ 7,000.00	
	<hr/>	<hr/>
	\$ 7,000.00	\$ 7,000.00

By careful economy this amount will enable the management to be successfully maintained.

VI. HOSPITAL FUND.

	Expense	Income
1. Appropriation now granted annually.....		\$ 1,250.00
2. Nurse salary and assistants.....	\$ 1,250.00	
	<hr/>	<hr/>
	\$ 1,250.00	\$ 1,250.00

This is not a sufficient guarantee for emergencies but will be sufficient under usual conditions.

VII. FURNITURE FUND.

	Expense	Income
1. Appropriation asked for immediate use.....		\$ 5,500.00
2. New Training School Building:		
450 Auditorium chairs	\$ 1,350.00	
1 Piano for Auditorium.....	325.00	
150 School desks at \$3.....	450.00	
12 doz. chairs at \$24.....	288.00	
2 doz. tables at \$10.....	240.00	
20 Manual training benches at		
\$10	200.00	
1 Dining room table.....	16.00	
1 doz. dining room chairs.....	24.00	
1 outfit for home economics,		
dishes, cooking utensils, etc.	100.00	
Tools for Manual Training:		
20 desks at \$5.....	100.00	
2 lathes for turning at \$60.....	120.00	
Office furniture for 12 rooms..	360.00	
Rest room furniture.....	50.00	
Gymnasium equipment	500.00	
25 Secondary clocks added to sys-		
tem	275.00	
12 Telephones added to system..	75.00	
2 doz. settees	240.00	
	<hr/>	
	\$ 4,713.00	
3. Emergency Hospital:		
12 Hospital bedsteads at \$10....\$	120.00	
3 doz. chairs at \$24.....	72.00	
Kitchen and dining room outfit	75.00	
Furnishing 2 nurse rooms....	70.00	
5 Sanitary stands for wards at		
\$10	50.00	
2 Sterilizers and stands at \$20.	40.00	
General outfit for nurse service	50.00	
	<hr/>	
	477.00	
	<hr/>	
Total amount	\$ 5,190.00	

Note. This estimate takes into consideration all the present furniture and it will be used as far as it goes in the new training building. There is no furniture except bedding for the emergency hospital.

VIII. PAVING FUND.

1775 sq. yards paving, 1360 lineal ft. curbing.....\$ 1,800.00

This will complete the paving necessary for the rest of the quadrangle and will clean up the drives and keep the buildings in proper condition. No more economical plan can be developed as it makes a permanent saving in janitor employment. By such an improvement a much smaller force of employes can keep the buildings sanitary and creditable.

IX. WORKING CAPITAL FUND.

Working capital fund.....\$ 30,000.00

In the plan of appropriations that was adopted by the 32d General Assembly, the working capital of the College was removed through the change of time of drawing the appropriations provided. By the favor of the state auditor, the funds for a time were drawn in part before the end of the quarter. Under recent interpretations the support funds can not be drawn until the close of the quarter. This prevents the College from paying its bills at the time they are due. This appropriation would relieve the situation for the future and will only need to be made for the year 1912-13.

If the law should be changed to allow support funds to be drawn monthly instead of quarterly, this special appropriation may be unnecessary.

X. RECAPITULATION.

1. Support Funds Required:

(a) Additional Teachers Fund, annually.....	\$ 23,500.00
(b) Additional Contingent Fund, annually.....	17,000.00
(c) Additional Summer Term Fund, annually.....	6,500.00
	<hr/>
	\$ 47,000.00

2. Special Funds Required:

(a) Furniture Fund for new training school building and new emergency hospital.....	\$ 5,500.00
(b) Paving Fund needed to complete the quadrangle....	1,800.00
(c) Working Capital Fund.....	30,000.00
	<hr/>
	\$ 37,300.00

XI. MILLAGE FUND.

1. Vocational building\$100,000.00

This is to provide for the departments of Manual Arts, Home Economics, Drawing and elementary Agriculture.

2. Extension to power house.....\$ 2,300.00

This is to provide space for the duplicate machinery that must be procured and installed.

3. Coal bunker, 24ft. by 130 ft.....\$ 2,500.00

Sides of concrete, roof of steel and concrete. This space will store 870 tons of coal. The present bunker will hold 450 tons.

4. Storage building for Superintendent's Department, concrete construction\$ 2,400.00

The erection of the Vocational building will require the removal of the present frame barn and storage building. This building has been used 40 years and is beyond repair or improvement in conformity to the other buildings. This building should serve for storage, barn and play ground stand on track and field.

5. Equipment of power house for light, power for heating and ventilating system\$ 13,700.00
300 H. P. engine.....\$ 6,000.00
800 K. W. generator..... 3,200.00
2-200 H. P. boilers..... 4,500.00

The plant depends now upon a single engine and dynamo. It is very necessary to have additional power and light and also a duplicate system as a guarantee from emergencies.

Total building and equipment.....\$120,900.00

IOWA STATE TEACHERS' COLLEGE.

REPORT OF SECRETARY.

To the President:

I submit herewith my biennial report for two years ending June 30, 1912.

FINANCIAL STATEMENT TAKEN FROM THE RECORDS—SUPPORT
OF SCHOOL FOR TWO YEARS, 1910-1912.

Amounts on hand in different funds, July 1, 1910:

Teachers Fund	\$ 722.06	
Contingent Fund	7,940.62	
Summer Term Fund.....	62.11	
Library Fund	3,568.24	
Librarian's Salary Fund.....	1,860.74	
Hospital Fund	1,066.80	
Millage Fund	6,273.21	
Paving, Walks and Improvement Fund.....	1,976.46	
Students' Contingent Fund.....	10,707.27	
Summer Contingent Fund.....	5,699.11	
Commencement Contingent Fund.....	939.42	
		\$ 40,816.04

Received from State Appropriations, for two years,
1910-1912:

Teachers Fund, permanent.....	\$201,412.08	
Contingent Fund, permanent.....	89,604.40	
Summer Term Fund, permanent.....	19,601.65	
Library Fund, permanent.....	11,002.75	
Librarians' Salary Fund, permanent.....	13,403.85	
Hospital Fund, permanent.....	2,500.69	
Millage Fund, one-tenth mill tax.....	105,000.00	
Paving, Walks and Improvement Fund.....		\$442,525.42

Received from other sources for two years, 1910-1912:

Contingent Fund, material sold.....	\$ 2,549.21	
Contingent Fund, interest on general daily balance	1,326.85	
Contingent Fund, Independent School District,		
Cedar Falls, tuition	3,560.00	
Contingent Fund, District No. 5, tuition.....	726.79	
Library Fund, fines and lost books.....	120.55	
Hospital Fund, insurance fees.....	552.00	
Hospital Fund, received from patients.....	1,509.76	
Millage Fund, refund of freight.....	5.84	
Students Contingent Fund, fees collected.....	33,271.70	
Summer Contingent Fund, fees collected.....	12,674.24	
Commencement Contingent Fund, fees collected		
and play	1,607.39	
		\$ 57,904.33

Transfers between funds—no additional income:

Teachers Fund from Students Contingent Fund..	\$ 24,500.00	
Contingent Fund from Students Contingent Fund	18,000.00	
Summer Term Fund from Students Contingent Fund	925.00	
Summer Term Fund From Summer Contingent Fund	10,028.74	
		\$ 53,453.74

RESUME.

Amount on hand, July 1, 1910.....	\$ 40,816.04	
State appropriations	442,525.42	
Other sources	57,904.33	
Transfers between funds.....	53,453.74	
		\$594,699.53

SUPPORT OF SCHOOL FOR BIENNIAL PERIOD 1911-1913.

Appropriations, 1911-1913:

Teachers' Fund, permanent.....	\$219,000.00	
Contingent Fund, permanent.....	96,000.00	
Summer Term Fund, permanent.....	22,000.00	
Library Fund, permanent.....	10,000.00	
Librarians' Salary Fund, permanent.....	14,000.00	
Hospital Fund, permanent.....	2,500.00	
Millage Fund, one-tenth mill tax, estimated.....	120,000.00	
Pipe Organ Fund.....	5,000.00	
Total		\$488,500.00

Estimated Receipts from Other Sources:

Students' Contingent Fund, in fees.....	\$ 33,000.00	
Summer Contingent Fund, in fees.....	12,500.00	
Commencement Contingent Fund, in fees.....	1,200.00	
Hospital Fund, in fees.....	500.00	
Library Fund, fines and books lost.....	120.00	
Contingent Fund, material sold.....	2,500.00	
Contingent Fund, interest on general balance....	1,300.00	
Hospital Fund, from patients.....	500.00	
Total		51,620.00

Training School Tuition:

Independent School District of Cedar Falls.....	\$ 5,000.00	
Independent School District No. 5, Cedar Falls Township	700.00	
Total		5,700.00
Total estimated receipts from all sources.....		\$545,820.00

TEACHERS EMPLOYED AND COMPENSATION OF EACH PAID DURING BIENNIAL PERIOD FOR THE REGULAR SCHOOL YEARS, FALL, WINTER AND SPRING TERMS.

	1910-11	1911-12
Homer H. Seerley, President -----	\$ 5,000.00	\$ 5,000.00
Professional Instruction in Education—		
Chauncey P. Colgrove, professor -----	2,100.00	2,400.00
Anna E. McGovern, professor -----	1,300.00	1,400.00
Geo. W. Samson, professor -----	1,900.00	2,000.00
G. W. Walters, professor -----	1,900.00	2,000.00
Edith C. Buck, professor -----	1,300.00	1,300.00
*Geo. S. Dick, registrar -----	1,900.00	2,333.33
Geo. H. Mount, professor -----		1,400.00
Training in Teaching—		
Wilbur H. Bender, professor -----	2,100.00	2,400.00
Bruce Francis, assistant director -----		
Florence E. Ward, supervisor kindergarten -----	1,400.00	1,400.00
Mattie Louise Hatcher, supervisor primary -----	1,000.00	1,400.00
Elizabeth Hughes, critic teacher -----	1,200.00	1,300.00
Ida Fesenbeck, critic teacher -----	1,200.00	1,300.00
Eva Luse, critic teacher -----	1,000.00	1,200.00
Mae Cresswell, critic teacher -----	900.00	1,100.00
Ruth E. Dowdell, critic kindergarten -----	1,000.00	400.00
Gertrude Dandliker, critic manual training and drawing -----	700.00	1,100.00
Floe Correll, critic teacher -----	800.00	1,000.00
Eva Fallgatter, primary critic in training -----	400.00	450.00
Emma Gamble, primary critic in training -----	400.00	450.00
Alice Gordon, primary critic -----	650.00	
Alice Grier, critic teacher in training -----	450.00	150.00
Hannah Gostrup, critic teacher in training -----	150.00	
Katherine Nenno, critic teacher in training -----	450.00	450.00
Christine Thoene, critic teacher in training -----	450.00	
Grace Aitchison, critic teacher in training -----		450.00
Mary Barnum, critic teacher in training -----	450.00	450.00
Stella Fisher, critic teacher in training -----		300.00
Marguerite Cadwallader, critic teacher in training -----		450.00
Grace McIntosh, critic teacher in training -----	300.00	450.00
Lulu M. Stevens, critic in music -----		1,000.00
Amy E. Wearne, critic in Home Economics -----		1,000.00
Constance Smith, assistant in kindergarten -----		429.75
Edith Riland, assistant in kindergarten -----		75.00
Grace Rait, primary critic in training -----		450.00
Glee Maeck, critic in training -----	450.00	
Department of English—		
S. A. Lynch, professor -----	1,900.00	2,300.00
W. W. Gist, professor -----	1,900.00	1,900.00
Bertha Martin, professor -----	1,600.00	1,700.00
Jennette Carpenter, professor -----		1,500.00
Lillian V. Lambert, professor -----	1,300.00	1,500.00
John Barnes, professor -----	1,500.00	1,700.00
Eva L. Gregg, assistant professor -----	1,100.00	1,200.00
Margaret E. Oliver, assistant professor -----	1,000.00	1,100.00
Mary F. Hearst, assistant professor -----	1,100.00	1,200.00
Laura E. Falkler, assistant professor -----	1,100.00	1,100.00
Mabel J. Lodge, instructor -----	900.00	1,000.00
Mrs. Theodora Dean, instructor -----	300.00	
Margaret Welrick, instructor -----	583.33	
Bird Bundy, instructor -----		666.66
Clara H. Baker, instructor -----	425.00	
Department of Latin and Greek—		
F. I. Merchant, professor -----	2,000.00	2,300.00
Myra E. Call, professor -----	1,300.00	1,400.00
Blanche Drees, assistant -----	8.25	
Bernice Daniels, assistant -----	8.25	
Mrs. L. Gist, assistant -----	24.00	
Department of German and French—		
J. B. Knoepfler, professor -----	2,000.00	2,300.00
Charlotte Lorenz, instructor -----	900.00	900.00
Clara Nolte, assistant -----		325.00
Lydia Schmitt, assistant -----		275.00
Anna Doffing, assistant -----		25.00

*Registrar 1911-12 for 10½ months.

TEACHERS EMPLOYED AND COMPENSATION OF EACH PAID DURING BIENNIAL
PERIOD FOR THE REGULAR SCHOOL YEAR, FALL, WINTER
AND SPRING TERMS.—Continued.

	1910-11	1911-12
Department of Mathematics—		
Ira S. Condit, professor	2,000.00	2,300.00
D. S. Wright, professor	2,000.00	2,000.00
Charles S. Cory, professor	1,700.00	1,800.00
Laura S. Seals, assistant professor	1,100.00	
Emma F. Lambert, assistant professor	1,100.00	1,200.00
Edna Allen, instructor		1,000.00
Department of Physics and Chemistry—		
Louis Begeman, professor	2,200.00	2,400.00
S. F. Hersey, professor	1,600.00	1,600.00
Wm. H. Kadesch, professor	1,400.00	1,600.00
A. C. Page, professor	1,200.00	
Robert W. Getchell, assistant professor	1,100.00	1,200.00
Perry A. Bond, assistant professor		1,400.00
Geo. W. Muhleman, instructor	600.00	
Myrtle Arnold, assistant	42.00	
Ralph Diehl, assistant	8.00	
Fred Vorhies, assistant	100.00	
A. C. Grubb, assistant		40.00
M. Begeman, assistant		25.00
H. Frisby, assistant		40.00
L. St. John, assistant		40.00
Department of Natural Science—		
M. F. Arey, professor	2,000.00	2,100.00
G. W. Newton, professor	1,900.00	1,900.00
E. J. Cable, professor	1,700.00	1,900.00
Alison E. Aitchison, assistant professor	1,100.00	1,200.00
Department of History—		
Sara M. Riggs, professor	1,300.00	1,400.00
Sara F. Rice, professor	1,300.00	1,400.00
Department of Government—		
Chas. H. Meyerholz, professor	1,900.00	2,100.00
Henry J. Peterson, instructor	1,000.00	1,200.00
Department of Economics—		
Reuben McKittrick, professor	1,500.00	1,700.00
Department of Art—		
Henrietta Thornton, professor	1,300.00	1,400.00
Bertha L. Patt, professor	1,300.00	1,350.00
Effe Schuneman, instructor		800.00
Benj. Larsen, assistant		50.00
Alida Chase, assistant	40.00	
Pleatus Burgess, assistant	40.00	
Department of Commercial Education—		
H. C. Cummins, professor	1,300.00	1,400.00
Roy V. Coffey, instructor		1,300.00
Mayme Strasser, assistant in penmanship	60.00	
Department of Manual Arts—		
Chas. H. Bailey, professor	2,000.00	2,300.00
Clark H. Brown, instructor	1,000.00	1,200.00
Mrs. Alma L. McMahon, instructor	666.67	1,000.00
Department of Home Economics—		
Mary L. Townsend, professor	1,300.00	1,400.00
Alice M. Heinz, instructor	700.00	900.00
Olive Sheets, instructor		750.00

TEACHERS EMPLOYED AND COMPENSATION OF EACH PAID DURING BIENNIAL
PERIOD FOR THE REGULAR SCHOOL YEAR, FALL, WINTER
AND SPRING TERMS.—Continued.

	1910-11	1911-12
Department of Music—		
C. A. Fullerton, professor Public School Music	2,000.00	2,300.00
Hulda Stenwall, assistant professor vocal music	1,100.00	1,200.00
Anna Gertrude Childs, professor voice	400.00	400.00
Frances M. Dickey, assistant professor music	1,200.00	
John Ross Frampton, professor organ and piano	599.98	800.00
Esther Louise Houk, instructor voice		1,200.00
Lowell E. M. Welles, instructor voice		
Mary Ann Kaufman, instructor voice		
W. E. Hays, assistant	300.00	
Department of Orchestral Music—		
B. Winfred Merrill, professor	1,300.00	1,300.00
Adolph Kramer, instructor		
Department of Physical Education—		
R. F. Seymour, professor	1,600.00	1,800.00
Marguerite M. Hussey, assistant director	1,200.00	1,300.00
H. Ruth Hallingby, instructor	780.00	900.00
Mary E. Samson, floor instructor	450.00	750.00
A. G. Reid, substitute instructor	300.00	
J. O. Perrine, instructor	749.96	
Clayton B. Simmons, assistant director	70.00	
Humbert F. Pasini, instructor		1,200.00
Dean of Women—		
Mrs. Marion McFarland Walker	1,100.00	1,200.00
	\$ 104,535.44	\$ 121,124.74

SUMMER SCHOOL SALARIES.

	1910	1911
M. F. Arey	\$ 350.00	\$ 350.00
Alison Aitchison	210.00	210.00
Myrtle Arnold		75.00
L. Begeman	350.00	350.00
W. H. Bender		350.00
L. H. Bruce	210.00	
O. H. Bailey	350.00	350.00
O. H. Brown	190.00	190.00
John Barnes		290.00
M. Begeman		40.00
C. P. Colgrove	400.00	400.00
I. S. Condit	350.00	350.00
O. S. Cory	310.00	330.00
E. K. Chapman	270.00	
E. J. Cable	330.00	330.00
H. C. Cummins	250.00	250.00
M. E. Call		250.00
Anna Gertrude Childs	60.00	75.00
Mae Cresswell	145.00	170.00
Jennette Carpenter	250.00	
Grace Clifford		200.00
Floe Correll	140.00	90.00
G. S. Dick	350.00	350.00
F. M. Dickey	210.00	210.00
Nelle Dickey	30.00	
Ruth E. Dowdell	160.00	
Gertrude Dandlker		150.00
O. A. Fullerton	350.00	350.00
J. R. Frampton	80.00	130.00
Ida Fesenbeck	230.00	230.00
Bruce Francis	300.00	275.00

SUMMER SCHOOL SALARIES.—Continued.

	1910	1911
Eva Fallgatter		70.00
Jessie Field		100.00
W. W. Gist	350.00	350.00
Eva L. Gregg	220.00	
R. W. Getchell	190.00	190.00
Alice Gordon	120.00	
Emma Gamble		70.00
Mary F. Hearst	210.00	210.00
S. F. Hersey	320.00	320.00
Mattie L. Hatcher	190.00	270.00
Johanna Hansen	200.00	
Marguerite Hussey		240.00
Elizabeth Hughes		230.00
W. L. Jordan	200.00	
J. B. Knoepfler	350.00	350.00
Harriet Kramer	15.00	
W. H. Kadesch		270.00
Charlotte M. Lorenz	170.00	170.00
S. A. Lynch		350.00
Eva M. Luse		200.00
Emma Lambert		210.00
Elizabeth Lamberty		40.00
Anna E. McGovern	270.00	270.00
Bertha Martin	290.00	290.00
F. I. Merchant	350.00	
C. H. Meyerholz	350.00	350.00
B. W. Merrill	260.00	260.00
Mabel McNally	210.00	
Mrs. A. L. McMahon	200.00	200.00
H. McCowan	30.00	
Charlotte Sweney		100.00
Mrs. Meader	15.00	
Reuben McKittrick		290.00
G. W. Newton	350.00	350.00
J. O. Perrine	170.00	230.00
L. Pelzer	150.00	
H. J. Peterson		190.00
Bertha L. Patt	250.00	250.00
Lotta D. Perry		200.00
Sara M. Riggs	250.00	250.00
Sara F. Rice	250.00	250.00
G. W. Samson	350.00	350.00
Laura S. Seals	220.00	220.00
Hulda Stenwall	210.00	210.00
R. F. Seymour	310.00	310.00
C. B. Simmons	240.00	
Mayme Strasser		15.00
Henrietta Thornton	250.00	
A. W. Taylor	262.50	
Fred Vorhies	40.00	
G. W. Walters	350.00	350.00
Florence E. Ward	270.00	270.00
D. S. Wright		350.00
Mrs. Marion McF. Walker	190.00	190.00
O. M. Weigle	140.00	
H. E. Wheeler	100.00	
Edith Long	50.00	
D. R. Augsburg	100.00	
	\$ 14,887.50	\$ 15,730.00

SECOND BIENNIAL REPORT

SALARIES PAID OTHER EMPLOYEES SINCE JULY 1, 1910.

Contingent Fund.

	1910-11	1911-12
Lillian G. Goodwin, secretary of the college	\$ 1,500.00	\$ 1,500.00
Anna R. Wild, president's secretary	1,500.00	1,375.00
Millicent Warriner, stenographer	757.00	210.00
Beatrice Wilbur, stenographer	780.00	840.00
Evelyn Morton, stenographer	720.00	525.50
Hazel E. Brown, stenographer	600.00	600.00
Emma Deines, clerk	480.00	471.00
Genevieve Burling, stenographer		440.00
Pearle Graham, stenographer		368.00
J. E. Robinson, superintendent	2,000.00	2,200.00
I. J. Wright, electrician	1,320.00	1,210.00
John F. Swope, electrician		110.00
Hans Rasmussen, engineer	900.00	900.00
A. P. Christensen, carpenter	862.50	900.00
Hans Hansen, carpenter	900.00	900.00
G. E. Palmer, plumber	595.00	595.00
Geo. Evans, fireman	474.00	
Henry M. Barnes, fireman	720.00	800.00
A. M. Cleveland, night watchman	720.00	720.00
T. N. Justice, janitor	720.00	720.00
Jas. Justice, janitor	720.00	240.00
Elmer Maxson, janitor	720.00	105.00
L. P. Christensen, janitor	720.00	720.00
H. L. Stech, janitor	720.00	720.00
S. R. Dryden, janitor	720.00	660.00
W. J. Johnson, janitor	720.00	720.00
W. B. Hoats, janitor	695.00	720.00
John McLain, janitor	695.00	720.00
P. Seltenrich, janitor	720.00	720.00
Wm. Wallace, fireman	720.00	720.00
H. O. Harmon, janitor	720.00	720.00
Robert Billings, yardman	720.00	717.60
J. W. Bangs, janitor	110.00	715.00
Mrs. Justice, matron gymnasium	330.00	330.00
Erwin Schick, fireman	420.00	
Sydney Malden, night watchman	28.00	
C. A. Bozarth, janitor		274.00
Wm. Stevenson, janitor		465.00
Ward Pierce, fireman		600.00
G. W. Behrens, fireman		288.00
W. Orvis, fireman		81.50
	\$ 25,026.50	\$ 25,631.00

LIBRARIANS' SALARY FUND.

	1910-11	1911-12
Mary L. Dunham, librarian -----	\$ 700.02	\$ 1,499.98
Ethel L. Arey, assistant in library -----	915.00	900.00
Mattie Fargo, cataloger in library -----	850.00	919.85
Iva Huntley, assistant in library -----	630.00	790.00
Mabel Mastain, assistant in library -----	133.60	
Alta Miller, assistant in library -----	152.85	
R. O. Bagby, assistant in library -----	10.80	
Carrie Patton, assistant in library -----	75.00	
Fern Fitzsimmons, assistant in library -----	5.55	
Mary Slee, assistant in library -----	5.10	
Grace Farnsworth, assistant in library -----	14.88	
Carl Erickson, assistant in library -----	7.60	
Mary E. Martin, assistant in library -----	35.67	212.51
Rachel Haight, assistant in library -----	120.00	280.64
John Partington, assistant in library -----	26.40	168.24
Bertha L. Sharp, assistant in library -----	17.25	533.87
H. J. Whitacre, assistant in library -----		62.85
Trevor Haight, assistant in library -----		37.65
Elmer Mueller, assistant in library -----		24.21
Lester C. Ary, assistant in library -----		27.78
Leonard St. John, assistant in library -----		22.20
Mary E. Burton, assistant in library -----		334.50
Carl Jorgensen, assistant in library -----		14.32
F. S. Willey, assistant in library -----		18.91
Gladys Elser, assistant in library -----		28.20
Floyd Walsh, assistant in library -----		27.94
O. A. Bozarth, janitor -----		300.00
	\$ 3,609.72	\$ 6,203.15

SECOND BIENNIAL REPORT

HOSPITAL FUND.

Balance on hand, July 1, 1910 -----	**	\$	1,066.80	
Received from State appropriations -----			2,500.69	
Received from insurance fees -----			552.00	
Received from patients -----			1,509.76	
Total disbursements -----		\$	5,609.15	
Balance on hand, June 30, 1912 -----			20.10	
		\$	5,629.25	\$ 5,629.25

MILLAGE FUND.

Balance on hand, July 1, 1910 -----		\$	6,273.21	
Received from State appropriations -----			105,000.00	
Refund of freight -----			5.84	
Total disbursements -----		\$	103,018.29	
Balance on hand, June 30, 1912 -----			8,260.76	
		\$	111,279.05	\$ 111,279.05

PAVING, WALKS AND IMPROVEMENT OF GROUNDS FUND.

Balance on hand, July 1, 1910 -----		\$	1,976.46	
Total disbursements -----		\$	1,721.54	
Balance on hand, June 30, 1912 -----			254.92	
		\$	1,976.46	\$ 1,976.46

STUDENTS CONTINGENT FUND.

Balance on hand, July 1, 1910 -----		\$	10,707.27	
Total fees collected -----			33,271.70	
Total disbursements -----		\$	43,425.00	
Balance on hand, June 30, 1912 -----			553.97	
		\$	43,978.97	\$ 43,978.97

SUMMER CONTINGENT FUND.

Balance on hand, July 1, 1910 -----		\$	5,699.11	
Total fees collected -----			12,674.24	
Total disbursements -----		\$	10,979.89	
Balance on hand, June 30, 1912 -----			7,893.36	
		\$	18,873.35	\$ 18,873.35

COMMENCEMENT CONTINGENT FUND.

Balance on hand, July 1, 1910 -----		\$	939.42	
Received from fees -----			1,164.00	
Received from commencement play -----			443.39	
Total disbursements -----		\$	1,274.58	
Balance on hand -----			1,272.23	
		\$	2,546.81	\$ 2,546.81

RECAPITULATION OF RECEIPTS AND DISBURSEMENTS.

For the Biennial Period July 1, 1910, to June 30, 1912.

FUNDS	Disbursements	Receipts	Cr. Balances
Teachers' Fund -----	\$ 225,000.18	\$ 226,634.14	\$ 978.96
Contingent Fund -----	115,802.00	123,707.87	7,845.87
Summer Term Fund -----	30,617.50	30,017.50	-----
Library Fund -----	9,982.42	14,691.54	4,709.12
Librarians' Salary Fund -----	9,902.87	15,264.59	5,361.72
Hospital Fund -----	5,609.15	5,629.25	20.10
Millage Fund -----	103,018.29	111,279.05	8,260.76
Paving, Walks and Improvement Fund -----	1,721.54	1,976.46	254.92
Students' Contingent Fund -----	43,425.00	43,978.97	553.97
Summer Contingent Fund -----	10,979.99	18,373.35	7,393.36
Commencement Contingent Fund -----	1,274.58	2,546.81	1,272.23
	\$ 558,053.52	\$ 594,699.53	\$ 36,646.01

Respectfully submitted,

LILIAN G. GOODWIN,

Secretary.

REPORT OF TREASURER OF IOWA STATE TEACHERS COLLEGE
For biennial period ending June 30, 1912.

1910			
June	30	Balance on hand	\$ 40,817.04
		Received in Contingent Fund—	
July	15	Interest I. S. T. C. Funds	\$ 69.96
		Iowa State Teachers' College	183.55
		Iowa State Teachers' College	145.17
August	15	Interest I. S. T. C. Funds	53.92
September	16	Interest I. S. T. C. Funds	43.90
September	21	Warrant No. 13441	5,000.00
September	24	I. S. T. C.	250.00
September	24	Warrant No. 15418	3,500.00
October	15	Warrant No. 15419	1,500.00
October	17	Interest I. S. T. C. Funds	55.01
November	11	Warrant No. 14446	5,000.00
November	15	Interest I. S. T. C.	68.10
December	2	I. S. T. C.	117.26
December	10	Warrant No. 16510	3,500.00
December	10	Warrant No. 16511	1,500.00
December	15	Interest I. S. T. C.	52.97
1911			
January	14	Warrant No. 17727	5,000.00
January	15	Interest I. S. T. C.	51.66
January	30	Cedar Falls School District	1,000.00
February	15	I. S. T. C.	34.72
February	16	Warrant No. 19745	3,500.00
February	16	Warrant No. 19746	1,500.00
February	18	Interest I. S. T. C. Funds	55.48
March	10	I. S. T. C.	390.46
March	15	Interest I. S. T. C. Funds	53.34
April	14	Warrant No. 2928	5,000.00
April	15	Interest I. S. T. C.	72.26
May	16	Interest I. S. T. C.	63.69
May	31	From Students' Contingent Fund	2,500.00
June	6	Warrant No. 5158	3,500.00
June	6	Warrant No. 5156	1,500.00
June	10	Warrant No. 5265	1,604.40
June	15	Interest I. S. T. C.	60.08
June	22	I. S. T. C.	206.73
June	23	Independent School District	1,560.00
July	5	I. S. T. C.	60.00
July	15	Interest I. S. T. C. Funds	70.65
August	15	Interest I. S. T. C. Funds	56.03
August	30	From Students' Contingent Fund	2,500.00
September	9	I. S. T. C.	313.02
September	15	Interest I. S. T. C.	48.45
September	21	Warrant No. 10396	5,000.00
October	4	Warrant No. 11244	1,500.00
October	4	Warrant No. 11245	3,500.00
October	17	Interest I. S. T. C.	58.55
October	19	Warrant No. 502	5,000.00
October	25	Warrant No. 11903	2,000.00
November	17	Warrant No. 12863	4,250.00
November	22	Interest I. S. T. C.	49.24
December	1	I. S. T. C.	326.26
December	9	I. S. T. C.	300.00
December	15	Interest I. S. T. C.	42.30
December	28	Warrant No. 14645	4,250.00
December	28	Warrant No. 14648	1,500.00
December	28	Warrant No. 14650	2,000.00

REPORT OF TREASURER OF IOWA STATE TEACHERS COLLEGE
For Biennial Period Ending June 30th, 1912.—Continued.

1912			
January	13	Students' Contingent Fund	5,000.00
January	13	Independent School District	1,000.00
January	13	Interest I. S. T. C.	55.80
February	15	Interest I. S. T. C.	49.49
February	16	I. S. T. C.	37.98
February	27	From Students' Contingent Fund	3,000.00
March	9	I. S. T. C.	4.99
March	15	Interest I. S. T. C.	34.82
March	21	Warrant No. 18659	8,500.00
		Warrant No. 18660	1,500.00
		Warrant No. 18661	2,000.00
March	23	I. S. T. C.	189.10
April	15	Interest I. S. T. C.	56.66
May	16	Interest I. S. T. C.	52.41
May	23	I. S. T. C.	18.75
June	15	I. S. T. C.	192.40
June	19	Interest I. S. T. C.	52.08
June	22	I. S. T. C.	40.20
June	24	I. S. T. C.	51.64
June	26	Warrant No. 3040	8,500.00
June	26	Warrant No. 3041	1,500.00
June	26	Warrant No. 3042	2,000.00
June	27	Independent School District	413.77
1910			
1909		Received in Commencement Contingent Fund—	\$ 115,767.25
July	14	I. S. T. C.	\$ 206.10
August	8	I. S. T. C.	112.00
December	2	I. S. T. C.	80.00
1911			
March	10	I. S. T. C.	44.00
June	9	I. S. T. C.	308.00
July	22	I. S. T. C.	130.00
July	31	I. S. T. C.	237.29
December	1	I. S. T. C.	96.00
1912			
March	23	I. S. T. C.	40.00
June	27	I. S. T. C.	354.00
			\$ 1,607.39
1910			
		Received in Hospital Fund—	
July	25	I. S. T. C.	\$ 79.75
September	12	I. S. T. C.	171.00
December	2	I. S. T. C.	57.50
December	22	I. S. T. C.	
1911		I. S. T. C.	132.00
March	10	I. S. T. C.	100.25
March	14	Warrant No. 5257	500.00
June	9	I. S. T. C.	35.00
June	10	Warrant No. 5257	500.00
June	10	Warrant No. 5258	250.00
June	17	I. S. T. C.	192.34
November	25	Warrant No. 13245	312.50
December	1	I. S. T. C.	161.30
December	28	Warrant No. 14651	312.50
1912			
January	2	I. S. T. C.	400.00
January	13	I. S. T. C.	185.41
January	17	I. S. T. C.	92.00
January	22	I. S. T. C.	40.35
January	27	I. S. T. C.	86.80
February	8	I. S. T. C.	6.00

REPORT OF TREASURER OF IOWA STATE TEACHERS COLLEGE
For Biennial Period Ending June 30th, 1912.—Continued.

1912			
February	10	I. S. T. C.	95.00
February	16	I. S. T. C.	85.95
February	17	I. S. T. C.	17.00
March	7	I. S. T. C.	15.00
March	21	I. S. T. C.	312.50
May	11	I. S. T. C.	95.86
June	26	Warrant No. 3045	312.50
June	27	I. S. T. C.	7.00
1910			\$ 4,562.20
		Received in Library Fund—	
November	22	I. S. T. C.	\$ 30.00
1911			
March	10	I. S. T. C.	31.80
March	14	Warrant No. 1092	2,500.00
June	10	Warrant No. 5260	1,002.75
June	10	Warrant No. 5256	2,500.00
December	1	I. S. T. C.	20.00
December	28	Warrant No. 14652	2,500.00
1912			
March	21	Warrant No. 18662	1,250.00
March	23	I. S. T. C.	13.25
June	26	Warrant No. 3043	1,250.00
June	27	I. S. T. C.	25.50
			\$ 11,123.30
1910		Received in Librarians' Salary Fund—	
June	14	Warrant No. 17729	\$ 1,250.00
March	14	Warrant No. 1091	1,250.00
June	10	Warrant No. 5255	2,500.00
June	10	Warrant No. 5259	1,403.85
December	28	Warrant No. 14653	3,500.00
1912			
March	21	Warrant No. 18663	1,750.00
June	26	Warrant No. 3044	1,750.00
			\$ 13,403.85
1910		Received in Millage Fund—	
August	13	Warrant No. 98	\$ 5,000.00
September	21	Warrant No. 99	5,000.00
October	15	Warrant No. 100	10,000.00
November	11	Warrant No. 101	5,000.00
December	12	Warrant No. 102	5,000.00
1911			
January	24	I. S. T. C.	5.84
February	16	Warrant No. 103	10,000.00
March	14	Warrant No. 104	5,000.00
April	21	Warrant No. 105	5,000.00
May	22	Warrant No. 106	5,000.00
August	17	Warrant No. 107	5,000.00
September	21	Warrant No. 108	5,000.00
October	25	Warrant No. 109	5,000.00
November	25	Warrant No. 110	5,000.00
1912			
February	16	Warrant No. 111	10,000.00
April	12	Warrant No. 112	10,000.00
May	16	Warrant No. 113	10,000.00
			\$ 105,005.84

REPORT OF TREASURER OF IOWA STATE TEACHERS COLLEGE
For Biennial Period Ending June 30th, 1912.—Continued.

1910		Received in Students' Contingent Fund—	
August	31	I. S. T. O.	\$ 5,000.00
September	3	I. S. T. O.	325.00
September	8	I. S. T. O.	300.00
September	24	I. S. T. O.	125.00
November	30	I. S. T. O.	5,500.00
December	2	I. S. T. O.	350.00
December	8	I. S. T. O.	163.14
1911			
January	7	I. S. T. O.	280.00
March	10	I. S. T. O.	104.72
March	15	I. S. T. O.	4,345.00
March	16	I. S. T. O.	320.00
March	22	I. S. T. O.	300.00
June	9	I. S. T. O.	186.32
September	5	I. S. T. O.	4,800.00
September	9	I. S. T. O.	450.00
December	1	I. S. T. O.	399.02
December	6	I. S. T. O.	4,202.42
1912			
January	6	I. S. T. O.	575.00
March	10	I. S. T. O.	4,082.58
March	23	I. S. T. O.	1,000.00
June	27	I. S. T. O.	463.50
			\$ 33,271.70
1909 1910		Received in Summer Contingent Fund—	
July	22	I. S. T. O.	\$ 133.00
July	23	I. S. T. O.	392.80
1911			
June	12	I. S. T. O.	2,545.00
June	12	I. S. T. O.	2,160.00
June	14	I. S. T. O.	445.00
July	19	I. S. T. O.	82.63
July	24	I. S. T. O.	615.81
1912			
June	26	I. S. T. O.	5,500.00
June	27	I. S. T. O.	800.00
			\$ 12,674.24
1910		Received in Summer Term Fund—	
July	15	Warrant No. 10534	\$ 8,000.00
July	20	From Students' Contingent Fund, Order No. 28	925.00
July	20	From Summer Contingent Fund, Order No. 29	5,750.89
1911			
June	10	Warrant No. 5261	601.65
July	19	I. S. T. O.	4,278.85
July	21	Warrant No. 7203	3,000.00
July	19	Warrant No. 7063	8,000.00
			\$ 30,555.39
1910		Received in Teachers' Fund—	
September	21	Warrant No. 13440	\$ 10,000.00
October	15	Warrant No. 15420	9,375.00
October	15	Warrant No. 15417	2,500.00
November	14	From Students' Contingent Fund, No. 132	10,000.00
December	12	Warrant No. 16509	10,000.00

REPORT OF TREASURER OF IOWA STATE TEACHERS' COLLEGE
For Biennial Period Ending June 30, 1912—Continued

1911			
January	14	Warrant No. 17730	2,500.00
January	14	Warrant No. 17728	9,375.00
February	16	Warrant No. 19744	10,000.00
March	14	Warrant No. 1093	2,500.00
March	14	Warrant No. 1094	9,375.00
April	21	Warrant No. 8351	10,000.00
May	31	From Students' Contingent Fund	8,500.00
June	6	Warrant No. 5154	4,412.08
June	6	Warrant No. 5155	2,500.00
June	6	Warrant No. 5157	9,375.00
September	21	Warrant No. 10395	10,000.00
October	25	Warrant No. 11902	9,375.00
November	13	Warrant No. 13244	2,500.00
November	13	Warrant No. 13242	3,000.00
November	13	Warrant No. 13243	5,500.00
December	28	Warrant No. 14646	16,875.00
December	28	Warrant No. 14647	2,500.00
December	28	Warrant No. 14649	5,500.00
1912			
February	21	Warrant No. 18656	19,375.00
February	21	Warrant No. 18657	2,500.00
February	21	Warrant No. 18658	5,500.00
April	11	From Students' Contingent Fund	6,000.00
June	26	Warrant No. 3039	5,500.00
June	26	Warrant No. 3038	2,500.00
June	26	Warrant No. 3037	19,375.00
			<u>\$ 225,912.08</u>
Total receipts			<u>\$ 594,700.28</u>

DISBURSEMENTS.

Orders paid on Contingent Fund	\$ 115,863.00
Orders paid on Commencement Contingent Fund	1,274.58
Orders paid on Hospital Fund	5,608.90
Orders paid on Library Fund	9,982.42
Orders paid on Librarians' Salary Fund	9,902.87
Orders paid on Millage Fund	103,018.29
Orders paid on Pavement and Walk Fund	1,721.54
Orders paid on Students' Contingent Fund	43,425.00
Orders paid on Summer Term Fund	30,617.50
Orders paid on Summer Contingent Fund	10,979.99
Orders paid on Teachers' Fund	225,660.18
	<u>\$ 558,054.27</u>
Leaving cash on hand	\$ 36,646.01
Divided into funds as follows:	
Contingent Fund	\$ 7,845.87
Commencement Contingent Fund	1,272.23
Hospital Fund	20.10
Library Fund	4,709.12
Librarians' Salary Fund	5,361.72
Millage Fund	8,260.76
Pavement and Walk Fund	254.92
Students' Contingent Fund	553.97
Summer Term Fund	
Summer Contingent Fund	7,393.36
Teachers' Fund	973.96
	<u>\$ 36,646.01</u>

All of which is respectfully submitted.

Cedar Falls, Iowa, August 6, 1912.

H. N. SILLIMAN,
Treasurer.

BIENNIAL REPORT
OF THE
College for the Blind

LOCATED AT
VINTON, IOWA

For the Term Beginning July 1, 1910

and

Ending June 30th, 1912.

LETTER OF TRANSMITTAL

*To the Iowa State Board of Education,
Des Moines, Iowa.*

GENTLEMEN: I have the honor of submitting for your consideration the thirty-first biennial report of the Iowa College for the Blind.

GEO. D. EATON,
Superintendent.

SUPERINTENDENT'S REPORT.

In many ways the biennial period just closed has been one of progress. This is due to the loyal support of teachers and officers of the institution and to the attention and kindly interest given us by the Educational Board. It has been the aim of the Superintendent to make the course of study in the different departments stronger and more practicable so that the young men and women who graduate from the institution will be well prepared to succeed in life. To us, who are directly connected with the work for the blind, it is gratifying to know and to state in this report that a large per cent of the graduates of the Iowa School for the Blind are self-supporting, successful men and women.

It has been the pleasure of the Superintendent during the last two years to visit the following schools for the blind: Minnesota, Missouri, Arkansas, Kentucky, Maryland, Ohio, Western Pennsylvania, Eastern Pennsylvania, New York City, and Boston; the last five of these schools were visited by a committee of four from the Board of Education. It certainly has been a great privilege to us to have the opportunity of investigating conditions in these schools for the blind, for many valuable ideas were obtained which we shall endeavor to carry out in our own school.

During the past two years we have attended three national conventions for the blind: Little Rock, Arkansas, June, 1910; Overbrook, Pennsylvania, June, 1911; and Pittsburgh, Pennsylvania, June, 1912. At these conventions many excellent papers were read and discussed. These were from very able and experienced educators for the blind, and outlined the best methods to be used in teaching this class of children.

In order to do the best work and to attain the best results in the education of blind youth, good equipment must be had and liberal appropriations must be made. In looking over past reports of the Iowa School for the Blind, we find that appropriations made for its support have not been materially increased, although the cost of living has greatly increased.

The Iowa School for the Blind now receives from the state treasury thirty-six hundred dollars (\$3,600.00) a month for nine months, or thirty-two thousand four hundred dollars (\$32,400.00) a year. In addition to this sum, the school has received from sale of livestock, brooms, fly nets, etc., two thousand eight hundred forty-seven dollars and forty-eight cents (\$2,847.48), making a total of thirty-five thousand two hundred forty-seven dollars and forty-eight cents (\$35,247.48) for a support fund.

The members of the Finance Committee of the Board of Education deserve much credit for the excellent manner in which they have managed the financial affairs of the school. It is only fair to them to state that when the School for the Blind first came under the control of the Board of Education it was two thousand dollars or more in debt. Many

necessary articles which, on account of lack of money, could not be purchased during the latter part of the biennial period closing June 1, 1911, had to be purchased later; and for this reason it is impossible to state the exact amount of this indebtedness.

During the past year one hundred twenty-six pupils were enrolled in the School for the Blind. The state invested two hundred eighty-two dollars and fifty cents (\$282.50) toward the education of each one of these pupils the past year; or, in other words the per capita allowance at the School for the Blind was \$282.50. To those who are not directly connected with the work for the blind, this may seem like a large amount; but we ask that all such make a thorough investigation, and we believe they will be convinced that it is a very moderate sum. Many reports from schools for the blind have been studied, and it is a fact that the Iowa School for the Blind has a lower per capita than the average school of its kind. The following is the per capita allowance in twenty-one states:

Western Pennsylvania	\$ 350.00
Texas	354.13
Colorado	385.00
Montana	400.00
Utah	400.00
Idaho	325.00
Missouri	337.11
Illinois	300.36
Nebraska	337.98
Washington	429.30
Wisconsin	427.48
Maryland	340.00
New York State	322.71
New York City.....	400.00
Kentucky	340.00
Kansas	332.08
Michigan	308.42
California	337.00
Eastern Pennsylvania	445.73
South Dakota	388.68
Oregon	379.00
	<hr/>
	\$7,639.98

The average per capita in these states is \$363.80; the Iowa per capita is \$282.50, a difference of \$81.30. If the Iowa School for the Blind should receive the average per capita it would have for its support fund an additional amount of \$9,349.50.

From the above statistics, it seems to me that a very reasonable estimate for the general support of our school is thirty-six hundred dollars (\$3,600.00) a month for twelve months in a year instead of nine months, making a yearly support fund of forty-three thousand two hundred dollars (\$43,200.00).

It has been rightly said that money appropriated for educational purposes is not an expense but an investment. Certainly this is true in educating the blind. A school for the blind should be well equipped and supplied with a sufficient number of well trained teachers to whom good salaries should be paid, so that they might feel that they could enter upon the work for the blind as a life work and not as a stepping stone to something else.

PLAN SUGGESTED FOR REMODELING MAIN BUILDING.

The main building, now used for nearly all purposes, was built more than fifty years ago and is far from being modern and fire proof. Your attention has been called to this fact and I believe that you are all agreed that something should be done. Architect Proudfoot has made plans and drawings of the building and has recommended changes to be made to make it modern and fire proof.

The plans are as follows: The basement floor to be used for kitchen, dining room, store room, piano tuning rooms; domestic science rooms, manual training room and wash rooms for the larger boys; first floor to be used for office rooms, reception room, assembly room and living rooms for students and teachers; the second floor to be used for living rooms for students and teachers and apartments for Superintendent and family; third floor to be used for recitation rooms, music rooms, library, etc., sanitary toilet rooms to be placed in basement and on first and second floors. The above plan contemplates living rooms for the accommodation of one hundred pupils and most of the teachers and officers, apartments for Superintendent and family, and other purposes as mentioned; and will require an appropriation of at least sixty-five thousand dollars (\$65,000).

KINDERGARTEN BUILDING.

Accommodations for at least one hundred forty pupils should be provided. If the plan for remodeling the main building be carried out as suggested, it will be necessary to build a new building to accommodate forty pupils. It is recommended that an appropriation of fifty thousand dollars (\$50,000) be asked of the next legislature for the purpose of erecting a building for the smaller children. It is only proper that the younger pupils should be separated from the older. A number of states have already tried this plan and it has proved to be a great success. Under present conditions, the children, especially the little boys, do not have the accommodations they should have. I sincerely hope that conditions as they now exist will be thoroughly investigated.

WELL AND EQUIPMENT.

In November, 1908, the city of Vinton entered into a contract with the College for the Blind to furnish the College with water for all purposes for a period of five years, charging the sum of five hundred dollars (\$500.00) per year. At the expiration of this contract, the city will put the College upon a meter basis of twenty cents per one thousand gallons.

This no doubt will greatly increase the water rent. The 34th General Assembly appropriated one thousand dollars (\$1,000) for the purpose of drilling a well and installing a water system. Upon careful investigation of conditions, it was found that this amount was far from being sufficient. Therefore, an appropriation of four thousand dollars (\$4,000.00) more is needed for the purpose of drilling a well and installing a water system at the College for the Blind.

SUMMARY OF THE NEEDS OF THE IOWA COLLEGE FOR THE BLIND.

1. Thirty-six hundred dollars (\$3,600.00) a month for twelve months in a year.
2. Sixty-five thousand dollars (\$65,000.00) for remodeling main building.
3. Four thousand dollars (\$4,000.00) more for well and equipment.
4. Three thousand dollars (\$3,000.00) for a contingent fund.

IMPROVEMENTS.

During the past biennial period we have built and equipped a gymnasium building at a cost of fifteen thousand three hundred seventy-eight dollars and sixty cents (\$15,378.60). This building is thoroughly appreciated by all and we find it a great source of benefit as well as of pleasure.

We have expended two thousand three hundred sixty-five dollars and thirteen cents (\$2,365.13) in repairing; such as putting on steel ceilings, removing two cupolas on main building, painting all buildings, rewiring main building, papering rooms, painting and varnishing floors, etc.

HEALTH OF THE INSTITUTION.

The health of the institution has been excellent. We have had very little sickness. Dr. Griffin and Miss Mahood, physician and nurse, respectively, to the institution, deserve much praise for the excellent service rendered whenever it was needed. Dr. L. W. Dean of Iowa City, Iowa, the visiting ophthalmic surgeon, performed a number of operations upon the eyes, ears, and throats of the pupils; all of these were successful. The public does not realize the vast amount of good that is accomplished by Dr. Dean's efforts. In a number of instances boys and girls who were totally blind at the time of entering our institution have been able to see after operations had been performed upon their eyes, some to such an extent that they are now attending seeing schools.

I wish to mention the case of a little girl, who when she entered the institution had very weak eyes and very little hearing. Attention was first given to her eyes, which after treatment for a number of weeks were very much improved. She was then sent to the University Hospital, where a double radical mastoid operation was performed with the result that her hearing was practically restored. Dr. Dean recommended that she be taken to the University Hospital where he could give the case very close attention. Not only this case but all cases requiring special attention were recommended by him to be sent to the University Hospital.

These operations were performed without any charges whatever to the parents. This shows the interest Dr. Dean is taking in these poor unfortunate children. The matter was referred to the finance committee of the Educational Board, who at once saw the amount of good that would be accomplished by such means; and arrangements have been made by which all such cases are to be sent to the University Hospital.

REPORTS OF OPHTHALMIC SURGEON.

THE STATE UNIVERSITY OF IOWA,
Iowa City, Iowa, Sept. 16, 1912.

Mr. George D. Eaton, Superintendent,
Iowa College for the Blind,
Vinton, Iowa.

Dear Sir:

I have the honor to report that during the school year of 1910-11, six visits were made to the College.

At the first visit each pupil was examined, the cause of blindness determined, and when indicated, treatment or operation was recommended.

As other pupils arrived during the year they were also examined.

When it seemed possible to improve the vision by glasses the glasses were ordered.

Artificial eyes were also fitted when they were needed.

The following operations were performed during the year:

Cataract	9
Enucleation of tonsils.....	4
Removal of adenoids.....	1
Entropion	1
Trachoma	1
Enucleation of eye.....	1
Trichitis	1
Trimming of turbinates.....	2

I believe all with good results.

Respectfully submitted,

L. W. DEAN.

THE STATE UNIVERSITY OF IOWA,
Iowa City, Iowa, Sept. 16, 1912.

Mr. George D. Eaton, Superintendent,
Iowa College for the Blind,
Vinton, Iowa.

Dear Sir:

I have the honor to report that during the school year of 1911-12, five visits were made to the College.

At the first visit each pupil was examined, the cause of blindness determined, and when indicated, treatment or operation was recommended.

As other pupils arrived during the year they were also examined.

When it seemed possible to improve the vision by glasses, the glasses were ordered.

Artificial eyes were also fitted when they were needed.

Eight operations were performed, I believe all with good results.

Several of the pupils, owing to the extreme seriousness of their condition, were operated at the University Hospital. The following operations were performed:

Evisceration of the mastoid.....	2
Correction of complete atresia of the nose.....	1
Tonsils and adenoids.....	1
Cataract	4
Entropion	1
Trachoma	1
Enucleation of tonsils.....	1

Some cases of refraction were too difficult to properly work out at the College. They were examined at my office, at Iowa City, without any charge.

In addition to the care of the eyes, we have also treated and operated those aural and nasal troubles that would be benefited by treatment or operation.

Respectfully submitted,

L. W. DEAN.

COURSES OF STUDY.

THE KINDERGARTEN, FIRST AND SECOND GRADES.

This course requires from two to three years and covers the work usually done in the first two years in public schools. Many games and exercises are given to develop the powers of the child, normally.

Reading.—New York Point. Combine the methods used in teaching the sighted child. Teach alphabet by groups of letters similar in form. Select words from primer which have similar form and sound.

Text Book: Progressive Readers, Parts 1 and 2 of Book 1; and Parts 1 and 2 of Book 2. Supplemental work.

Spelling.—Select words from reading lesson. Oral and written spelling of words that are found in the children's vocabulary.

Writing.—Small letters, capitals, short sentences. Writing numbers in point to one hundred.

Language.—Reproduction stories. Write simple sentences about familiar objects. Memorizing short choice selections. Teach use of period, apostrophe, capitals. Teach correct form of words in common use; also the memorizing of short poems and quotations.

Numbers.—Counting by 1's to 100, 2's to 100, 3's to 99, 4's to 100, 5's to 100. Fractions of 1-2, 1-3 and 1-4 are to be introduced. Drill on combinations in addition and subtraction.

Geography.—Nature study lessons presented by the teacher in the form of stories. "Primary Methods in Teaching." Bring nature to pupils as much as possible. Teach days of week, names of months, seasons and directions. Give simple lessons on home geography.

Hand Work.—Bead work, cardboard work, paper folding, weaving, tying knots, clay and sand modeling.

THIRD GRADE.

Reading.—Text Book: Progressive Readers, Book 2, part 3; Book 3, parts 1 and 2.

Supplemental work as outlined by Superintendent.

Spelling.—Oral and written; spelling words from reading lesson. Attention given to syllabication. Definitions.

Writing.—Dictation exercises. Copy memory gems.

Language.—Much talk about selections from readers. Pupils should be taught to employ all new words. Letter writing. Memorizing of choice selections.

Numbers.—Multiplication tables to 12x12. Denominate numbers, foot, yard, etc. Elementary fractions. At least one-half of the problems should be written problems. Drill on combination of numbers. Have pupils make problems. Rapid addition, etc. Begin use of type slate.

Text Book: Walsh's New Primary Arithmetic, Chapters 1-3, inclusive.

Geography.—Continue the work on home geography. Present the child life of various countries.

FOURTH GRADE.

Reading.—Text Book: Progressive Readers, Book 3 complete, with supplementary work as outlined by Superintendent.

Spelling.—Same as in third year.

Writing.—Same as in third year.

Language.—Continue oral and written work. In all written work special attention should be given to spelling, use of capital letters and punctuation marks. Analysis of simple sentences. Continue the memorizing of short choice selections.

Text Book: Hyde's English, Book 1 to lesson 86.

Numbers.—Text Book: Walsh's New Primary Arithmetic, chapters 4-5, inclusive.

Geography.—Text Book: Tarr & McMurray's, Part 1, finish.

FIFTH GRADE.

Reading.—Text Book: Progressive Readers, Book 4, Part 1, volumes 1 and 2.

Spelling.—Oral and written, spelling all new words in readers. Definitions. Teach use of dictionary.

Writing.—Teach in connection with spelling and language.

Language.—Much composition work, reading and reproduction of stories. Text Book: Hyde's English, Book 1, complete.

Numbers.—Text Book: Walsh's New Grammar School Arithmetic, chapters 1 and 2.

Geography.—Text Book: Tarr & McMurray's Geography, Part 2. Supplement with Carpenter's Geographical Readers. Map work.

History.—Text Book: Barne's Primary History to Civil War.

SIXTH GRADE.

Reading.—Text Book: Progressive Readers, Book 4, Part 2, volumes 1 and 2.

Spelling.—Same as in fifth year.

Writing.—Same as in fifth year.

Language.—Text Book: Hyde's English, Book 2, to page 180.

Numbers.—Text Book: Walsh's New Grammar School Arithmetic, chapters 3 and 4.

Geography.—Text Book: Tarr & McMurray's Geography, Part 3, complete.

History.—Text Book: Barnes' Primary History, complete. Barnes' Brief History, begin volume 1.

SEVENTH GRADE.

Arithmetic.—Text Book: Walsh's New Grammar School Arithmetic, chapter 5.

Grammar.—Text Book: Hyde's English, Book 2, complete.

Geography.—Text Book: Tarr & McMurray's Geography, Part 4. Read to class from other authors.

History.—Text Book: Barnes' Brief History, finish.

Literature.—Text Book: Progressive Readers, Book 5, Part 1.

EIGHTH GRADE.

Arithmetic.—Text Book: Walsh's New Grammar School Arithmetic, chapter 6.

Grammar.—Text Book: Reed & Kellogg's Higher English, complete.

History.—Text Book: McMaster's History of the United States, complete.

Physiology.—Text Book: Overton's Applied Physiology, complete.

Literature.—Text Book: Progressive Readers, Book 5, Part 2. Whittier's Snow Bound, Vision of Sir Launfal, Evangeline. Typewriting is to be started in this grade and finished in the ninth.

Note.—Oral instruction is to be given at stated times in hygiene. This course of instruction will be outlined by the Superintendent to meet the needs of each class.

ENGLISH COURSE IN THE GRADES.

KINDERGARTEN.

Second Year: Text Book: The Progressive Readers, Book 1.

Third Year: Text Book: The Progressive Readers, Book 2, Parts 1 and 2

Supplemental Work: Nature Readers, Book 1; Heart of Oak Series, Book 1, Parts 1 and 2.

This kindergarten work covers three years, but contains only two grades.

INTERMEDIATE.

Third Grade: Text Books: Progressive Readers, Book 2, Part 3; Book 3, Parts 1 and 2.

Supplemental: Nature Readers, Book 2, first half; Heart of Oak Series, Book 1, vol. 3.

Fourth Grade: Text Book: Progressive Readers, Book 3, Parts 3 and 4.

Supplemental: Nature Readers, Book 2, second half.

Fifth Grade: Text Book: Progressive Readers, Book 4, first half.

Supplemental: Nature Readers, Book 3; and Old Greek Stories.

GRAMMAR.

Sixth Grade: Text Book: Progressive Readers, Book 4, last half.

Supplemental: Nature Readers, Book 4, first half; Yonge's Young Folks' History of Greece and Rome.

Seventh Grade: Text Book: Progressive Readers, Book 5, first half.

Supplemental: Nature Readers, Book 4, last half.

Eighth Grade: Text Book: Progressive Readers, Book 5, last half.

Supplemental: Enoch Arden, Whittier's Snow Bound, Vision of Sir Launfal.

HIGH SCHOOL COURSE.

NINTH GRADE.

First Semester:

Algebra.
English.
Physical Geography.
U. S. History and Civics.
Typewriting.

Second Semester:

Algebra.
English.
Physiology.
U. S. History and Civics.
Typewriting.

TENTH GRADE.

First Semester:

Algebra.
English and Elocution.
General History.
Latin.

Second Semester:

Algebra.
English and Elocution.
General History.
Latin.

ELEVENTH GRADE.

First Semester:

Plane Geometry.
English Literature.
General History.
Latin.

Second Semester:

Plane Geometry.
English Literature.
Physics.
Latin.

TWELFTH GRADE.

First Semester:

Plane Geometry.
English.
Physics.
Latin.

Second Semester:

Solid Geometry.
English.
Physics.
Latin.

HIGH SCHOOL.

COURSE IN ENGLISH.

Ninth Grade: Text Book: Waddy's Elements of Composition and Rhetoric, through Figures of Speech.

Read Classics: Evangeline, and Merchant of Venice.

Tenth Grade: Text Book: Finish Waddy's Rhetoric, omitting chapter 14. Begin and complete Painter's American Literature with selections.

Read Classics: Julius Cæsar.

One year Elocution.

Eleventh Grade: Text Book: Kellogg's English Literature; complete first four periods to Elizabeth's death.

Read Classics: Rhyme of the Ancient Mariner, As You Like It, and Macbeth.

Twelfth Grade: Text Book: Complete Kellogg's English Literature, beginning with Period 5.

Read Classics: Milton's Paradise Lost, Tennyson's Princess, or The Idyl's of the King, and selections from the following: Scott's Lady of the Lake, Bacon's Essays and Sir Roger de Coverley Papers.

English History is to be taught in connection with the English of this grade.

HISTORY AND CIVICS.

Ninth Grade: Text Books: McMaster's History of the United States; and Fisk's Civil Government.

The United States History and Civics are to be taught together.

Tenth Grade: Text Book: Barnes' General History; through Ancient and Mediæval.

Eleventh Grade: Text Book: Barnes' General History; complete during the first semester.

MATHEMATICS.

Ninth Grade: Text Book: Wells' Algebra; through Simultaneous Equations of the First Degree.

Tenth Grade: Text Book: Wells' Algebra; complete: Involution, Evolution, Quadratics, Proportion and Progression.

Eleventh Grade: Text Book: Wells' Plane Geometry; first three books.

Twelfth Grade: Text Books: Wells' Plane Geometry; complete. Wells' Solid Geometry; begin.

SCIENCE.

Ninth Grade: Text Books: Maury's Physical Geography; complete during first semester.

Huxley's Physiology; complete during second semester.

Eleventh Grade: Text Book: Begin the second semester, Carhart and Chute's Physics; to Sound.

Twelfth Grade: Text Book: Carhart and Chute's Physics; complete.

LATIN.

Tenth Grade: Text Book: Collar and Daniell's Latin Book, to Subjunctive Mode.

Eleventh Grade: Text Books: Collar and Daniell's Latin Book, complete during the first semester.

Gunnison and Harley's Cæsar, read the first book during second semester.

Twelfth Grade: Text Book: Gunnison and Harley's Cæsar, read Books 2, 3 and 4.

MUSIC DEPARTMENT.

A thorough course in music is offered to all pupils who show that they have talent for music and will put it to the best use. To graduate from the Music Department a student must complete the Literary Course, the Course in Harmony, Musical Form, and Musical History. He must also creditably complete the Course in Piano, Organ, Voice or Violin and have a working knowledge of one other of these four or of the Flute, Clarinet or Cornet.

Pupils in the First and Second Literary Grades are assigned no work in Music except the Public School Music of those grades. This prepares them to begin the study of Music at the Piano.

OUTLINE OF PIANO COURSE.

FIRST YEAR.

Ear Training.

Table Exercises using Piano Technic for Children, by Julia Lois Caruthers.

Location and names of keys on the piano.

Location and names of octaves on the piano, according to the New York Point Music System.

Use of Meter Fractions, belonging to the Katherine Burrowes' Music Course. In this way the children are taught the comparative time-value of notes.

Finger Exercises at the piano for legato playing.

Reading New York Point Music.

Pieces selected from the following:

Foundation Materials for Piano, Landon.

Music Education Material, Calvin B. Cady.

Minature Melodies for the Young Pianist, Jessie Gaynor.

Echoes from Music Land, Mary L. Powers.

SECOND YEAR.

Ear Training continued.

Reading and writing New York Point Music.

Legato and staccato technical work.

"Skipping Exercises" at the piano.

Pieces selected from the following:

Four Hand Piano School, Vol. 1, Jos. Loew.

Minature Melodies, Jessie Gaynor.

Melody Pictures for Little Players, Margaret Martin.

Foundation Materials for Piano, Landon.

Bird Echoes, Elsa Swartz.

THIRD YEAR.

Ear Training continued.

Reading and writing New York Point Music.

Technical work selected from the following:

Schmitt, Op. 16.

Studies by Frederick Wieck.

Head and Hands, Op. 37, Stephen A. Emery.

Exercises preparatory to scales and arpeggios.

Selections from the following:

Standard Graded Course, Grade 1, Mathews.

Graded Studies, Grade 1, Mrs. Crosby Adams.

Technic and Melody, Op. 228, Book 1, Gurlitt.

Supplementary pieces from the following:

Pianist's First and Second Year, Oesterle.

Thirty-five Easy Studies, Op. 130, Gurlitt.

FOURTH YEAR.

Technical Work:

Schmitt, Op. 16, continued.
Major scales in half-notes and quarter-notes.
Broken Chords.
Grand Arpeggio of the Diminished Seventh Chord.
Studies selected from the following:
Heads and Hands, Op. 37, Stephen A. Emery.
Studies by Frederick Wieck.
Graded Studies, Book 1, Mrs. Crosby Adams.
Technic and Melody, Book 2, Gurlitt.
Melodic Studies, Op. 63, Streabbog.
Pieces selected from the following:
Pianist's First and Second Year.
Thirty-five Easy Studies, Op. 130, Gurlitt.

FIFTH YEAR.

Technical Work:

Major scales, eighths and triplets.
Minor scales, quarters and eighths.
Preparatory exercises for Triad Grand.
Arpeggios from "Head and Hands," Emery.
Triad Grand Arpeggios.
Selections from the following:
Schmitt, Op. 16.
Studies, Op. 261, Czerny.
Graded Studies, Grade 2, Mrs. Crosby Adams.
Technic and Melody, Op. 228, Book 3, Gurlitt.
Pieces selected from the following:
Pianist's First and Second Year, Oesterle.
Burgmueller, Op. 100.
Supplementary pieces suitable to this grade.

SIXTH YEAR.

Technical Work:

Major and Minor Scales in triplets and sixteenths.
Grand Arpeggio of Dominant Seventh Chord.
Preparatory Octave studies.
Schmitt, Op. 16.
Studies, Op. 261, Czerny, continued.
Graded Studies, Grade 3, Mrs. Crosby Adams.
Special Exercises in Scale Playing, Op. 55, Book 1, Wilson G. Smith.
Selections from the following:
Gurlitt, Op. 74.
Bach, Little Preludes.
Clementi Sonatinas, Op. 36.
Heller, Op. 138.
Supplementary pieces suitable to this grade.

SEVENTH YEAR.

Technical Work:

Scales, both hands in parallel motion.
Arpeggio work continued.
Octaves and Broken Octaves.
Studies, Op. 261, Czerny, continued.
School of Velocity, Op. 61, Book 1, Berens.
Special Exercises in Scale Playing, Op. 55, Book 2, Wilson G. Smith.
Selections from Op. 46, Heller.
Sonatinas, Kuhlman.
Two-Part Inventions, Bach.
Supplementary pieces suitable to this grade.

EIGHTH YEAR.

Scales, with hands a third, a sixth, a tenth apart.
Arpeggios, hands together.
Trill Studies, Op. 2, Krause.
School of Velocity, Op. 299, Book 1, Czerny.
Twelve Melodic Octave Studies, Op. 43, Book 1, Horvath.
Selections from Heller, Op. 46 and Op. 45.
Two-part Inventions, Bach.
Sonatinas, Kuhlman.
Pieces suitable to this grade.

NINTH YEAR.

Scale and Arpeggio work, continued.
School of Velocity, Op. 299, Czerny, continued.
Twelve Melodic Octave Studies, Op. 43, Book 1, Horvath.
Five-Minute Studies, Op. 63, Book 1, W. G. Smith.
Selections from Op. 45, Heller.
Three-Part Inventions, Bach.
Easier Mozart and Beethoven Sonatas.
Pieces suitable to this grade.

TENTH YEAR.

Scale and Arpeggio work continued.
Octave studies selected from the following:
Turner Op. 20.
Vogt Op. 145.
Kullak.
Gradus ad Parnassum, Clementi.
Three-Part Inventions, Bach.
Sonatas, Mozart and Beethoven.
Pieces suitable to this grade.

COURSE OF STUDY FOR ORGAN.

Studies:

Stainer. The Organ. (In Point.)

Clemen's Modern Pedal Technic, Books 1 and 2. (Not in Point.)

Roger's Graded Materials. (Not in Point.)

The acquirement of a clean and fluent legato touch on manuals and pedal keyboards, the independence of feet and hands, and the elementary principles of registration.

Drill in playing four-part harmony, using Bach chorals.

Selections from "Church and Concert Organist," Vol. 1. (In Point.)

Bach's Eight Easy Preludes and Fugues. (In Point.)

Organ pieces from following composers: Guilmant, Mendelssohn, Saint Saens, Volckmar, George Whiting and Merkel. Also pieces by other French, English, and American writers.

HARMONY—TWO YEARS.

FIRST YEAR.

First thirty chapters of The Theory and Practice of Tone-Relations, Percy Goetschins.

Analysis of such music as the easier numbers from Schumann's Op. 68 and other compositions regular in construction.

SECOND YEAR.

Complete The Theory and Practice of Tone-Relations, Percy Goetschins.

Analysis of Mendelssohn's Songs Without Words.

Analysis of harder numbers from Schumann's Op. 68.

MUSICAL FORM—ONE YEAR.

Text books, Musical Form, Bussler-Cornell, Pt. 1.

Musical Form, Ebenezer Prout.

Applied Forms, Ebenezer Prout.

Analysis of Beethoven Sonatas.

MUSICAL HISTORY.

The text used in this work is "Lessons in Musical History" by Fillmore. This is supplemented by "Outlines of Musical History" by Clarence G. Hamilton, Mathews' "Popular History of the Art of Music," Elson's "Modern Composers of Music," and other supplementary work.

GRADED COURSE ON VIOLIN.

FIRST YEAR.

Easy Scales, Arpeggios, Chords and other mechanical Studies which are changed from time to time, when necessary, to those of greater difficulty.

Solos and Duets from Violin Methods of Schubert, Wichtl, and Wohlfarth.

SECOND YEAR.

Etudes, Op. 45 by Wohlfarth, Nos. 1 to 30.

Duets in Sonatina by Pleyel, Op. 8 and 48 and by Mazas Op. 38.

THIRD YEAR.

36 Etudes, Op. 20 by Kayser, Books 1, 2 and 3, which are progressively arranged from easy to difficult.

Solos and Duets from "Harvest of Flowers," Books 1, 2, 3 and 4, by Julius Weiss.

FOURTH YEAR.

Six Solo Concert Studies by Dancla.

The Drawing Room Violinist Op. 45 and 55 from the first to fifth position.

"The Opera Friend" Op. 46 and 56 by Julius Weiss from first to seventh position.

FIFTH YEAR.

Three Symphonies Concertantes for two Violins and Piano by De Beriot.

12 Solos by Dancla, Book 1 and 2; also Solos by Rode, De Beriot, Singlelee, Papini and others.

*All other instruments used in Orchestra playing, such as, Flute, Clarinet, Cornet, Trombone, etc., will be taught with instructive and entertaining material, progressively arranged by the best masters of these instruments.

PUBLIC SCHOOL MUSIC.

FIRST YEAR.

1. Action Songs.
 - (a) walking.
 - (b) marching.
 - (c) clapping.
2. Rote Songs.

SECOND YEAR.

1. Rote Songs.
2. Structure.
 - (a) pitch.
 - (b) duration.
 - (c) pulse.

THIRD YEAR.

1. Rote Songs.
2. Point Notation.
3. Sight Singing.
 - Key, C, G, A.
4. Ear Training.
5. Tone Relationship.

FOURTH YEAR.

1. Rote Songs.
2. Sight Singing.
 - (a) Review C, G, A.
 - (b) Study E, F, B flat.
3. Ear Training.
4. Rhythm.
5. Interval Drill.

FIFTH YEAR.

1. Occasional Rote Song.
2. Sight Singing.
 - (1) (a) Two-Part Singing.
 - (b) Review C, G, A, E, B flat.
 - (c) Study A flat, E flat.
 - (2) Divided Beat.
 - (3) Rhythm.
Distinguishing 4-4, 3-4, 2-4.
3. Ear Training.
4. Principles of Good Tone.

SIXTH YEAR.

1. Same as Fifth Year.
2. Addition—unequally divided beat.
3. More advanced studies and songs.

SEVENTH YEAR.

1. Sight Singing.
 - (a) Review Musical knowledge already gained.
 - (1) Rhythm.
 - (b) Simple grouping.
 - (c) Key signatures.
2. Melody Writing.
3. Major Scales.
 - (1) Key Board.

EIGHTH YEAR.

1. Similar to Seventh Year.
2. In addition Minor Scales.
3. Three Part Songs.
4. Include Musical History as time permits.
 - (a) Primitive Music.
 - (b) Beginning of Instrumental Music.
 - (c) Musical Organizations.

Books used:

Modern Music Series, Silver-Burdett & Co., Chicago.
The Eleanor Smith Music Course, American Book Co., Chicago.
Alys Bentley Song Series, A. S. Barnes & Co., New York.
McConathy School Song Book, C. C. Birchard, Boston.

CHORUS WORK.

Standard Hymns.

Mixed Choruses.

Choruses from Opera and Oratorio.

Special Anthems for Thanksgiving, Christmas, and Easter.

Special Music for Washington's and Lincoln's Birthdays and Commencement.

INDUSTRIAL DEPARTMENT.

In this department, piano tuning, broom-making, netting, chair caning, sloyd, weaving, reed work, sewing, crocheting, knitting, ornamental bead work, and domestic science (cooking, etc.) are taught.

The following articles were manufactured during the biennial period closing June 30, 1912:

Brooms	4870 only
Whisks	1166 only
Carpet	115 yds.
Rugs	86 only
Laundry Bags	8 only
Fly Nets	340 only
Hammocks	26 only
Doll Hammocks	132 only
Bead Work	153 pcs.
Fancy Work	154 pcs.
Aprons	20 only
Dresses	8 only
Skirts	8 only
Waists	1 only
Bathing Suits	6 only
Shirts	10 only
Corset Covers	7 only
Napkins	230 only
Pillow Cases	310 only
Pillow Shams	2 pairs
Sheets	97 only
Table Cloths	25 only
Towels	327 only
Tea Towels	36 only

LIBRARY.

There are 3,542 volumes of New York Point and 2,444 volumes of Ink Print Books in the library. Besides the above library, the following papers and periodicals have been received for the use of the school:

Kindergarten Review
 St. Nicholas
 American Boy
 Musician
 Harper's Magazine
 Home Needle Work
 Review of Reviews
 Midland Schools
 Cooking Club
 Youth's Companion
 The Register and Leader
 The Cedar Rapids Gazette
 The Vinton Eagle

READING MATTER FOR THE BLIND.

Under the provisions of the postal laws we are constantly sending out embossed books to the blind readers of Iowa. This law provides for the transmission of point books for the blind through the mails, free of postage. In sending point books through the mail they should be addressed as follows: In the upper left hand corner of the wrapper the name and address of the sender must appear and in the upper right hand corner the words, "Free Reading Matter for the Blind." We would urge all those into whose hands this report may come to make known to any of their friends with defective sight the provisions of the above mentioned law.

COMMENCEMENT PROGRAM.

May 29, 1911.

PART 1.

Invocation.....	Rev. Caul
Piano Solo.....	Sextette
(From "Lucia di Lammermour" For Left Hand—Leschetisky Op. 13.)	
Mabel Thompson.	
Salutary	Commencement
John Gifford.	
Oration.....	Washington Irving and His Works
Mildred Ethel Harned.	
History of Class of 1911.....	Carl F. Houdek
Oration.....	Influence of Books
Ellen Maria Brown.	
Mixed Quartette—The Belfry Tower.....	Hatton
Misses Mildred Harned, Mabel Thompson, Messrs. John Gifford, Carl Houdek.	
Oration.....	Evolution of Government
Harriet May Wilkinson.	
Oration.....	International Conciliation
Clara Delpha Mason.	
Oration	Criminology
William Arthur Meyer.	

PART 2.

Oration.....	The American Octopus
Lydia May Beetschen.	
Violin Solo—Lily Dale.....	Harris
John Gifford.	
Oration.....	Enjoyment of Music
Mabel Fay Thompson.	
Oration.....	Heroism of American Indians
Ethel Vena Seller.	
Future Predictions for Class of 1911.....	
Ray Harrison Alcox.	

Vocal Duet—The Parting Hour.....	Barnet
Mabel Thompson, John Gifford.	
Valedictory.....	Helpless Citizens
Charles Virgil Hoke.	
Class Song.....	
Presentation of Diplomas.....	

RECITAL OF SPRING MUSIC.

Friday Evening, May 19, 1911, at 8 P. M.

PROGRAM.

1. Festival March.....Loew
Meta White (Primo)
2. La Fleurette.....Wellesley
Frank Voelker.
3. RosesStrelezki
Esther Turnell, Anna Ney.
4. Two Songs—(a) Little Ones A-cryin' }.....Oley Speaks
(b) In May Time }
Mabel Thompson.
5. The Robin's Lullaby, Op. 15, No. 12.....Krogmann
Florence Reeves.
6. Spring Song, Op. 3, No. 1.....Hollaender
Leroy Stadtlander.
7. Organ—Spring Time Sketch.....J. H. Brewer
Didrich Benjegerdes.
8. Song—The Swallows.....Cowen
Grace Hall.
9. The Skylark Mounts the Blue, Blue Sky.....Elsa Swartz
Fern Conn, Agnes Burlingame.
10. The Child and the Bird.....Otto
Paul Menagh, Cecil Price.
11. Song—MattinataTosti
John Gifford.
12. La Cascade, Op. 37.....Pauer
Didrich Benjegerdes.
13. Organ—Spring Song.....Mendelssohn
(Transcribed by Clarence Eddy)
Frank Voelker.
14. Song of the Rushes, Op. 11, No. 3.....Hans Seeling
Agnes Burlingame.
15. Girls' Quartette—Annie Laurie.....
Mabel Carter, Louise Dowell, Agnes Burlingame, Mabel Thompson.

CLOSING CONCERT.

Monday Evening, May 27, 1912, at 8:00 o'clock.

PROGRAM.

- Sunshine and Showers, Waltzes.....Bailey
Orchestra.
- Piano—Minuet, Op. 14, No. 1.....Paderewski
Leroy Stadlander.
- Song—"Beloved, It Is Morn".....Florence Aylward
Louise Dowell.
- Organ—Bridal Song, Op. 45, No. 2.....Jensen
(Transcribed by Clarence Eddy)
Didrich Benjegerdes.
- Flute Duet—"Sempronia Waltzes".....Cramer
Deo Kirk, Ralph VanBeek.
- Song—"My Lady Chlo'".....Clough-Leigher
Mabel Carter, Anna Ney, Agnes Burlingame, Minnie Pitz.
- Violin—"Slumber Song".....Schumann
Otis Rule.
- Song—"A May Morning".....Denza
Mabel Carter.
- Piano—"Scarf Dance" (Scene de Ballet).....Chaminade
Grant Perrin.
- Song—"A Day Dream".....Strelezki
Claude Osman.
- Organ—"Marche Pontificale".....Lempkens
(From the Sonata Pontificale)
Frank Voelker.
- Reading—"Venice".....F. Hopkinson Smith
Miss Genevieve Edwards.
- Piano—"A Day in Venice," Op. 25.....Ethelbert Nevin
No. 1—"Dawn".....
Agnes Burlingame.
No. 2—"Gondoliers".....
No. 3—"Venetian Love Song".....
Didrich Benjegerdes.
No. 4—"Good Night".....
Henry Lehmann.
- Song—Faust Waltz.....Gounod
Chorus.
- "Florena," Gavotte.....Barnard
Orchestra.

Second Annual

DECLAMATORY CONTEST.

Friday, March Eighth, at Eight O'clock P. M.

Orchestra—The Eagle's Nest Overture.....Isenman

ORATORICAL.

1. Affairs in Cuba.....Frank Cole
 2. Supposed Speech of John Adams.....Leroy Stadtlander
 3. An Appeal to Arms.....Clifford Bryant
 4. Regulus to the Carthaginians.....Otis Rule
- Chorus—Merry Life.....Denza

DRAMATIC.

1. The Night Run of the Overland.....Ralph VanBeek
 2. The Going of the White Swan.....Della Cole
 3. The Lie.....Lecia Washburn
- Piano Duet—The Charge of the Huzzars.....Fritz Spindler
Leroy Stadtlander, Henry Lehmann.

HUMOROUS.

1. Keeping a Seat at the Benefit.....Elsie Shields
 2. Cupid and Dickey.....Ethel Hess
 3. Who's Afraid.....Grace Bowder
 4. How Uncle Eb Went Fishing.....Tom Tiernan
- Orchestra—Frederica Waltzes.....Godfrey

Decision of Judges.

Orchestra—Centurian Two-Step.....Larendeau

JUDGES.

Prof. G. W. Walters, Cedar Falls; Supt. M. R. Fayram, Traer;
Mrs. A. M. M. Dornon, Vinton.

ENROLLMENT.

No	Statistical No.	Name	Sex	Address
1	582	Adams, Maurice	Male	Missouri Valley
2	244	Albaugh, Don	Male	Alden
3	558	Anderson, Ruth	Female	Buxton
4	457	Applebey, Grace (Hall)	Female	Boone
5	435	Benjegerdes, Diedrich	Male	Remsen
6	479	Berry, Faye	Female	Vinton
7	580	Bezek, Millie	Female	Oxford Junction
8	589	Bonnema, Dirk	Male	Sioux Center
9	271	Bowder, Grace	Female	Lisbon
10	531	Brumbaugh, Harry	Male	Spirit Lake
11	392	Bryant, Clifford	Male	Vinton
12	312	Burlingame, Agnes	Female	Cedar Rapids
13	489	Buroker, Laurence	Male	Allison
14	513	Butler, Uriah	Male	Castana
15	573	Carlyle, George	Male	Scotch Grove
16	592	Carpenter, Florence	Female	Des Moines
17	213	Carter, Mabel	Female	Crescent
18	411	Carr, Frances	Female	Des Moines
19	126	Clark, Ollie	Female	Cordova
20	579	Clark, Lelia	Female	Waterloo
21	450	Cole, Frank	Male	Vinton
22	394	Cole, Della	Female	Vinton
23	529	Collison, Elliott	Male	(P. O. Elmore, Minn., (Kossuth Co., Ia.)
24	369	Conklin, Robert	Male	Vinton
25	412	Conn, Fern	Female	Battle Creek
26	307	Conner, Burnie	Male	Cedar Falls
27	595	Coon, Hattie	Female	Oxford Junction
28	578	Corrigan, Edna	Female	Waterloo
29	472	Dale, Ethel	Female	Albia
30	590	Donelson, Alva	Female	Sioux City
31	160	Dowell, Louise	Female	Vinton
32	540	Dudley, Jessie	Female	Creston
33	225	Enninga, George	Male	Iowa Falls
34	568	Findley, Robert	Male	Davenport
35	584	Flam, Charles	Male	New London
36	577	Ford, Mary	Female	Des Moines
37	401	Fry, Edward	Male	Vinton
38	593	Fuller, Harvey	Male	Independence
39	544	Gale, Cecil	Male	Mason City
40	533	Gantert, George	Male	Dubuque
41	534	Garner, Dewey	Male	Belknap
42	591	Gielau, Margaret	Female	Cedar Falls
43	555	Graham, Colista	Female	Sioux City
44	433	Greene, Arthur	Male	Jefferson
45	518	Griess, Philip	Male	West Amana
46	466	Griffin, Flossie	Female	Menlo
47	494	Hindman, Mrs. Etta	Female	Sergeant Bluff
48	201	Hess, Ethel	Female	Lawton
49	345	Hoffman, Ray	Male	Anamosa
50	496	Holland, Percy	Male	Armstrong
51	460	Holmes, Eva	Female	Anamosa
52	291	Hoxie, Ida	Female	Hubbard
53	566	Hunter, Dorothy	Female	Buffalo Center
54	571	Johnson, Leonard	Male	Clinton
55	583	Johnson, Albert	Male	Avery
56	554	Jolliffe, Elton	Male	Knoxville
57	475	Kane, Amy	Female	Vinton
58	587	Kelso, Russell	Male	Vinton
59	528	Kempf, Addie	Female	Kalona
60	390	Kennedy, Guy	Male	Council Bluffs
61	441	Kernahan, Nellie	Female	Des Moines
62	275	Kirk, Deo	Male	Derby
63	516	Klontz, William	Male	Grundy Center
64	377	Kuiken, Peter	Male	Pella
65	509	Lalan, Lester	Male	Cedar Falls
66	178	Latham, William	Male	Mapleton
67	389	Lehmann, Henry	Male	Hartley
68	549	Lehmkuhl, Louise	Female	Treynor
69	480	Lewis, Earl	Male	Des Moines
70	438	Martin, Don	Male	Eagle Grove

SECOND BIENNIAL REPORT

ENROLLMENT.—Continued;

No.	Statistical No.	Name	Sex	Address
71	454	Menagh, Paul	Male	Linden
72	483	Merritt, Julia	Female	Jewell Junction
73	431	Miner, Clifford	Male	Livermore
74	501	Morey, Dallas	Male	Mt. Auburn
75	565	Morrissey, William	Male	Coggon
76	585	Newman, Oscar	Male	Colfax
77	340	Ney, Anna	Female	LeClaire
78	464	Nieth, Laura	Female	Independence
79	481	Osman, Claude	Male	Decorah
80	520	Oviatt, Hazel	Female	Marshalltown
81	574	Palmer, Donald	Male	Cedar
82	490	Perrin, Grant	Male	Vinton
83	451	Phelps, Lucile	Female	Cedar Rapids
84	226	Pitz, Minnie	Female	Cedar Rapids
85	314	Price, Cecil	Male	Plano
86	289	Ray, Edith	Female	Tama
87	537	Rector, Eva	Female	Spencer
88	400	Reeves, Mabel	Female	Vinton
89	421	Reeves, Florence	Female	Vinton
90	560	Reeves, Harold	Male	Vinton
91	488	Rockwell, Beulah	Female	Maquoketa
92	381	Rorholm, Myrtle	Female	Altoona
93	341	Rule, Otis	Male	Ackley
94	594	Schraver, Lola	Female	McGregor
95	559	Schultz, Margaret	Female	Charles City
96	485	Schnepf, George	Male	Garber
97	452	Sevig, Samuel	Male	Walford
98	594	Shannon, Claude	Male	Cedar Rapids
99	366	Shields, Elsie	Female	Mt. Etna
100	508	Slack, Uriah	Male	Council Bluffs
101	462	Smith, Harry	Male	Dubuque
102	458	Soderland, Ida	Female	Des Moines
103	527	Spencer, Margery	Female	Vinton
104	586	Spratt, Roy	Male	Fairfield
105	417	Stadtlander, Leroy	Male	Burlington
106	581	Stevenson, Clifford	Male	Cedar Falls
107	379	Strutz, Henry	Male	Atlantic
108	588	Sweely, Howard	Male	Davenport
109	512	Tiernan, Thomas	Male	Des Moines
110	404	Turnell, Esther	Female	Boone
111	576	Turner, Bernice	Female	Vinton
112	342	VanBeek, Ralph	Male	Avoca
113	570	VanDyck, Harold	Male	Des Moines
114	486	Vert, Leo	Male	Council Bluffs
115	300	Voelker, Frank	Male	Dubuque
116	563	Wahl, Cleo	Female	Moulton
117	239	Washburn, Lecia	Female	Walker
118	546	Werner, Ida	Female	East Amana
119	461	White, Metta	Female	Enterprise
120	427	Whitney, Fred	Male	Mason City
121	95	Will, Henry	Male	Walcott
122	491	Wilson, Bryan	Male	Vinton
123	564	Windecker, Harvey	Male	Robertson
124	517	Woolery, Alma	Female	Forest City
125	257	Worcester, Earl	Male	Des Moines
126	388	Yates, Albert	Male	Cedar Rapids

TABLE NO. 1.
MOVEMENT OF POPULATION.
YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Number of pupils enrolled previous to July 1, 1911.....	60	46	106
Number admitted during the year 1911-12.....	10	10	20
Number enrolled during the year 1911-12.....	70	56	126
Number discharged—			
Graduated.....	2	2	4
Trades completed.....	4		4
Deaths.....	0	0	0
Average daily attendance.....	65.696	48.978	114.674

TABLE NO. 2.
AGES ON ADMISSION OF PUPILS ADMITTED.
YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Six years.....	1	1	2
Seven years.....	0	1	1
Eight years.....	2	1	3
Ten years.....	1	4	5
Thirteen years.....	0	1	1
Fifteen years.....	2	0	2
Twenty-one years.....	0	1	1
Twenty-two years.....	1	0	1
Twenty-three years.....	0	1	1
Twenty-five years.....	1	0	1
Twenty-nine years.....	1	0	1
Thirty-one years.....	1	0	1
Totals.....	10	10	20

TABLE NO. 3.
SEX AND COLOR OF PUPILS ADMITTED.
YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
White.....	10	10	20
Colored.....	0	0	0
Totals.....	10	10	20

TABLE NO. 4.
SEX AND COLOR OF ALL PUPILS ENROLLED.
YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
White.....	70	55	125
Colored.....	0	1	1
Totals.....	70	56	126

SECOND BIENNIAL REPORT

TABLE NO. 5.
NATIVITY OF PUPILS ADMITTED.
YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Native born	9	10	19
Alabama	1	0	1
Illinois	1	1	2
Iowa	6	7	13
Minnesota	0	1	1
Pennsylvania	1	0	1
Unknown	0	1	1
Foreign born	1	0	1
Sweden	1	0	1
Grand totals	10	10	20

TABLE NO. 6.
COUNTY RESIDENCE OF PUPILS ENROLLED.
YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Adair			
Adams		1	1
Allamakee			
Appanoose	1	1	2
Audubon			
Benton	10	8	18
Black Hawk	3	3	6
Boone		2	2
Bremer			
Buchanan	1	1	2
Buena Vista			
Butler	1		1
Calhoun			
Carroll			
Cass	1		1
Cedar			
Cerro Gordo	2		2
Cherokee			
Chickasaw			
Clarke			
Clay		1	1
Clayton	1	1	2
Clinton	1		1
Crawford			
Dallas	1		1
Davis	1		1
Decatur			
Delaware			
Des Moines	1		1
Dickinson	1		1
Dubuque	3		3
Emmet	1		1
Fayette			
Floyd		1	1
Franklin			
Fremont			
Greene	1		1
Grundy	1		1
Guthrie		1	1
Hamilton		1	1
Hancock			
Hardin	4	1	5
Harrison	1		1

TABLE NO. 6.—Continued.

	Male	Female	Total
Henry	1		1
Howard			
Humboldt	1		1
Ida		1	1
Iowa	1	1	2
Jackson		1	1
Jasper	1		1
Jefferson	1		1
Johnson			
Jones	2	3	5
Keokuk			
Kossuth	1		1
Lee			
Linn	3	5	8
Louisa			
Lucas	1		1
Lyon			
Madison			
Mahaska	1		1
Marion	2	1	3
Marshall		1	1
Mills			
Mitchell			
Monona	2		2
Monroe	1	2	3
Montgomery			
Muscatine			
O'Brien	1		1
Osceola			
Page			
Palo Alto			
Plymouth	1		1
Pocahontas			
Polk	4	7	11
Pottawattamie	4	2	6
Poweshiek			
Ringgold			
Sac			
Scott	3	1	4
Shelby			
Sioux	1		1
Story			
Tama		1	1
Taylor			
Union		1	1
Van Buren			
Wapello			
Warren			
Washington		1	1
Wayne			
Webster			
Winneshiek	1		1
Winnebago		2	2
Woodbury		4	4
Worth			
Wright	1		1
Totals	70	56	126

SECOND BIENNIAL REPORT

TABLE NO. 7.

COUNTY RESIDENCE OF PUPILS ADMITTED.

YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Adair			
Adams			
Allamakee			
Appanoose			
Audubon			
Benton	1	1	2
Black Hawk	1	3	4
Boone			
Bremer			
Buchanan	1		1
Buena Vista			
Butler			
Calhoun			
Carroll			
Cass			
Cedar			
Cerro Gordo			
Cherokee			
Chickasaw			
Clarke			
Clay			
Clayton		1	1
Clinton			
Crawford			
Dallas			
Davis			
Decatur			
Delaware			
Des Moines			
Dickinson			
Dubuque			
Emmet			
Fayette			
Floyd			
Franklin			
Fremont			
Greene			
Grundy			
Guthrie			
Hamilton			
Hancock			
Hardin			
Harrison	1		1
Henry	1		1
Howard			
Humboldt			
Ida			
Iowa			
Jackson			
Jasper	1		1
Jefferson	1		1
Johnson			
Jones		2	2
Keokuk			
Kossuth			
Lee			
Linn			
Louisa			
Lucas			
Lyon			
Madison			
Mahaska			
Marion			
Marshall			
Mills			
Mitchell			
Monona			
Monroe	1		1

TABLE NO. 7.—Continued.

	Male	Female	Total
Montgomery			
Muscatine			
O'Brien			
Osceola			
Page			
Palo Alto			
Plymouth			
Pocahontas		2	2
Polk			
Pottawattamie			
Poweshiek			
Ringgold			
Sac			
Scott	1		1
Shelby			
Sioux	1		1
Story			
Tama			
Taylor			
Union			
Van Buren			
Wapello			
Warren			
Washington			
Wayne			
Webster			
Winnebago			
Winneshiek		1	1
Woodbury			
Worth			
Wright			
Totals	10	10	20

TABLE NO. 8.

RURAL AND URBAN DISTRIBUTION OF PUPILS ADMITTED.

YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Resident in—			
Country			
Villages and towns	3	4	7
Cities of 2,000 and under 4,000	4	1	5
Cities of 4,000 and under 8,000	2	1	3
Cities of 8,000 and under 25,000			
Cities of 25,000 and over	1	4	5
Totals	10	10	20

SECOND BIENNIAL REPORT

TABLE NO. 8.—Continued.

I. CITIES OF 4,000 AND UNDER 8,000.

	Male	Female	Total
Albia			
Ames			
Atlantic			
Cedar Falls	1	1	2
Centerville			
Charles City			
Cherokee			
Creston			
Fairfield	1		1
Glenwood			
Grinnell			
Le Mars			
Marion			
Newton			
Oelwein			
Perry			
Red Oak			
Shenandoah			
Washington			
Webster City			
Totals	2	1	3

2. CITIES OF 25,000 AND OVER.

Cedar Rapids			
Clinton			
Council Bluffs			
Davenport	1		1
Des Moines		2	2
Dubuque			
Sioux City		1	1
Waterloo		1	1
Totals	1	4	5

TABLE NO. 9.

LITERACY WITH RESPECT TO COMMON PRINT AND SCRIPT OR SOME EMBOSSED
SYSTEM ON ADMISSION OF PUPILS ADMITTED.

YEAR ENDING JUNE 30, 1912.

Able to read and write	6	6	12
Unable to read and write	4	4	8
Totals	10	10	20

TABLE NO. 10.
NATIVITY OF PARENTS OF PUPILS ADMITTED.
YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Native born	9	10	19
Native parents	5	7	16
Foreign parents	2	3	5
Mixed parents	2	1	3
Parentage unknown	0	1	1
Foreign born	1	0	1
Totals	10	10	20

TABLE NO. 11.
HEALTH AND PHYSICAL CONDITION ON ADMISSION OF PUPILS ADMITTED.
YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Normal—blindness not considered	10	7	17
Weak vitality	0	1	1
Weak mentally	0	2	2
Totals	10	10	20

TABLE NO. 12.
MORALS AND HEREDITARY CONDITION OF PARENTS OF PUPILS ADMITTED.
YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Parents blood relation	0	1	1
Grandfather intemperate	0	1	1
Mother and relatives near sighted	1	0	1
Totals	1	2	3

SECOND BIENNIAL REPORT

TABLE NO. 13.

CAUSES OF BLINDNESS OF PUPILS ADMITTED.

YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Atrophy of Optic Nerve		1	1
Wood Alcohol-Atrophy of Optic Nerve	1		1
Phthisis Bulbi	1		1
Traumatic Phthisis Bulbi	1		1
Neuritic Atrophy of the Optic Nerve		1	1
Phthisis Bulbi from Blennorrhoea Neonatorum		1	1
Leucoma Adherence from Blennorrhoea Neonatorum	1		1
Trachoma		1	1
Uveitis with blindness		1	1
Fundus Lesion		1	1
Irido-cyclitis		1	1
Retinitis Proliferans		1	1
Leucoma of Cornea		1	1
Specific Uveitis (Choroiditis)	1		1
Albinism	1		1
Perinuclear Cataract	1		1
Hyperopia	2		2
Sympathetic Ophthalmia	1		1
No cause given		1	1
Totals	10	10	20

TABLE NO. 14.

PUPILS IN ATTENDANCE HAVING DEFECTIVE RELATIVES; ALSO RELATIVES
EPILEPTIC, CONSUMPTIVE AND THOSE HAVING MARKED MALFORMATIONS.

YEAR ENDING JUNE 30, 1912.

	Male	Female	Total
Relatives or ancestors with defective sight	1	1	2
Brother feeble-minded		1	1
Grandfather intemperate		1	1
Maternal uncle nearly blind.			
Uncle intemperate		1	1
Brother blind in one eye by accident	1		1
Cousin deaf and dumb	1		1
Totals	3	4	7

TABLE NO. 15.

FINANCIAL REPORT FOR YEAR ENDING JUNE 30, 1911.

SUPPORT FUND.

Balance on hand June 30, 1910	\$ 2,722.97
Received from State for Pupilage (See Sec. 2718 of Code and Sec. 1, Ch. 121, 29th G. A.)	26,450.42
Received from State an Emergency Appropriation to increase Support Funds (See Sec. 1, Chapter 198, Thirty-fourth General Assembly)	1,500.00
Received from State for clothing of pupils (See Sec. 2716 of Code)	328.71
Received from Sale of Brooms, 4,319 only	1,546.10
Received from Sale of Whisks, 625 only	101.80
Received from Sale of Fly Nets, 264 only	205.70
Received from Sale of Hammocks, 12 only	17.00
Received from Sale of Bead Work, 52 pieces	9.02
Received from Sale of Fancy Work, 80 pieces	27.87
Received from Sale of Cows, 2 only	93.00
Received from Sale of Calves, 6 only	20.00
Received from Sale of Hogs, 15,910 lbs.	1,051.18
Received from Sale of Sundries	373.40
Total Debits	\$ 34,447.17
Amount passed to Contingent Fund (See Sec. 43, Chapter 118, 27th G. A.)	\$ 236.11
Expenditures	31,606.43
Balance on hand June 30, 1911	2,604.63
Total Credits	\$ 34,447.17

CONTINGENT FUND.

Amount on hand June 30, 1910	\$ 89.40
Received from General Support Fund	236.11
Total Debits	\$ 325.51
Amount expended	\$ 243.30
Balance on hand June 30, 1911	83.21
Total Credits	\$ 325.51

SUMMARY.

Balances on hand June 30, 1911—	
General Support	\$ 2,604.63
Contingent Fund	83.21

CLASSIFICATION OF EXPENDITURES FROM GENERAL SUPPORT FUND.

1. Salaries and Wages	\$ 13,903.31
2. Provisions	7,126.80
3. Household Stores	1,432.17
4. Clothing	352.47
5. Fuel and Light	4,242.33
6. Hospital and Medical Supplies	159.48
7. Shop, Farm and Garden	2,924.00
8. Ordinary Repairs	141.36
9. Library	
10. Water and Ice	727.85
11. Postage and Stationery	191.23
12. Transportation of Students	9.32
13. Miscellaneous	638.41
	\$ 31,848.73
Less payments from Contingent Fund	242.30
Total expended from General Support Fund	\$ 31,606.43

TABLE NO. 16.

SPECIAL APPROPRIATION FUNDS FOR THE YEAR CLOSING JUNE 30, 1911.

	Expendi- tures	Balances June 30, 1918	Balances June 30, 1911
Oculist (Ch. 206, Sec. 5, 32d G. A.)	\$ 100.00	\$ 200.00	\$ 100.00
Fire Escapes (Ch. 155, Sec. 5, 30th G. A.)	268.92	268.92	
Contingent and Repairs (Ch. 205, Sec. 5, 32d G. A.)	1,218.68	1,762.47	543.79
New Boilers, etc. (Ch. 179, Sec. 5, 31st G. A.)	4,565.15	5,386.46	821.31
New Coal House (Ch. 179, Sec. 5, 31st G. A.)		2,500.00	2,500.00
Gymnasium (Ch. 243, Sec. 5, 33d G. A.)	12,000.00	12,000.00	
Contingent and Repairs (Ch. 197, Sec. 5, 34th G. A.)			2,000.00
Cottage for Superintendent			4,000.00
Domestic Science Apparatus (Ch. 197, Sec. 5, 34th G. A.)			500.00
Extraordinary Repairs (Ch. 197, Sec. 5, 34th G. A.)			2,000.00
Oculist (Ch. 197, Sec. 5, 34th G. A.)			250.00
Well and Equipment (Ch. 197, Sec. 5, 34th G. A.)			1,000.00
Total	\$ 18,152.75	\$ 22,117.85	\$ 13,715.10

CLASSIFICATION OF EXPENDITURES FROM SPECIAL FUNDS.

Extraordinary repairs	\$ 943.10
Equipment	4,071.65
New buildings	13,033.00
Miscellaneous	105.00
Total	\$ 18,152.75

TABLE NO. 17.

Balance on hand, June 30, 1911, General Support	\$ 2,604.63
Balance on hand, June 30, 1911, Contingent Fund (See Sec. 43, Ch. 118, 27th G. A.)	83.21
Received from State for Pupilage (See Sec. 2718 of Code and Sec. 1, Ch. 121 29th G. A., also Sec. 1, Ch. 139, 34th G. A.)	32,400.00
Received from State for clothing of pupils (See Sec. 2716 of Code)	105.63
Received from sale of brooms, 4,223, only	1,158.00
Received from sale of whisks, 468, only	58.85
Received from sale of rugs, 26, only	36.50
Received from sale of nets, 71, only	55.65
Received from sale of hammocks, 18, only	19.80
Received from sale of bead work, 81 pieces	16.51
Received from sale of fancy work, 77 pieces	37.86
Received from sale of calves, 5, only	19.00
Received from sale of hogs (16,279 lbs.), 51, only	974.62
Received from entertainment of visitors	134.79
Received from sundry sales	707.65
Total debits	\$ 38,412.70
Expenditures, General Support Fund	\$ 36,932.85
Expenditures, Contingent Fund (See Sec. 43, Ch. 118, 27th G. A.)	14.16
Balance on hand June 30, 1912	1,465.69
Total credits	\$ 38,412.70

SUMMARY.

Balance on hand June 30th, 1912, General Support Fund \$ 1,465.69

CLASSIFICATION OF EXPENDITURES FROM GENERAL SUPPORT FUND.

1. Salaries and wages	\$ 15,287.48
2. Provisions	7,578.10
3. Household stores	1,364.34
4. Clothing	273.17
5. Fuel and light	7,241.52
6. Hospital and medical supplies	99.25
7. Shop, farm and garden	2,845.27
8. Ordinary repairs	150.50
9. Library	2.85
10. Water and ice	624.65
11. Postage and stationery	400.12
12. Transportation of pupils	60.73
13. Miscellaneous expenses	1,004.87
	\$ 36,932.85
Plus amount expended from Contingent Fund	14.16
Total expenditures, General Support	\$ 36,947.01

Note—On account of the change of management and method of business transactions which took place July 1, 1911, this statement includes the expenses for thirteen months. In addition to the expenses of the twelve months from July, 1911, to July, 1912, there are included herewith the expenses of June, 1911 (under Board of Control Management June business was never settled until after July 1), also a number of bills due before July 1, 1911, and unpaid for lack of funds. The expenses of June, 1911, were \$1,648.25, and unpaid bills were \$622.47, making a total of \$2,270.72 in addition to the yearly expenses.

TABLE NO. 18.

SPECIAL APPROPRIATIONS FOR THE YEAR CLOSING JUNE 30, 1912.

	Expendi- tures	Balances June 30, 1911	Balances June 30, 1912
Oculist (Ch. 206, Sec. 5, 32 G. A.)		\$ 100.00	\$ 100.00
Contingent and Repair (Ch. 206, Sec. 5, 32 G. A.)	\$ 543.79	\$ 543.79	
New Boilers (Ch. 179, Sec. 5, 31 G. A.)		821.31	821.31
New Coal House (Ch. 170, Sec. 5, 31 G. A.)		2,500.00	2,500.00
Contingent and Repairs (Ch. 197, Sec. 5, 34 G. A.)	739.60	2,000.00	1,260.40
Cottage for Superintendent (Ch. 197, Sec. 5, 34 G. A.)	40.00	4,000.00	3,960.00
Domestic Science Apparatus (Ch. 197, Sec. 5, 34 G. A.)		500.00	500.00
Extraordinary Repairs (Ch. 197, Sec. 5, 34 G. A.)	748.37	2,000.00	1,251.63
Oculist (Ch. 197, Sec. 5, 34 G. A.)		250.00	250.00
Well and Equipment (Ch. 197, Sec. 5, 34 G. A.)		1,000.00	1,000.00
Total	\$ 2,071.76	\$ 13,715.10	\$ 11,643.34

CLASSIFICATION OF EXPENDITURES FROM SPECIAL FUNDS.

Extraordinary repairs	\$ 1,422.03
Equipment	304.30
New buildings	88.60
Miscellaneous	256.83
Total	\$ 2,071.76

TABLE NO. 19.

SUMMARY OF RECEIPTS AND EXPENDITURES FOR THE BIENNIAL PERIOD CLOSING JUNE 30, 1912.

	1910-11	1911-12	Biennial Period	
Receipts -----	\$ 34,447.17	\$ 38,412.75	\$ 72,859.87	
Expenditures -----	31,606.43	36,936.85		\$ 68,539.28
Balance in Contingent Fund June 30, 1910-----			89.40	
Expenditures from Contingent Fund for period ending June 30, 1912-----	242.30	14.16		256.46
Balances on hand in Support Fund for period ending June 30, 1912-----	2,604.63	1,465.69		4,070.32
Transferred from Contingent Fund to General Support -----				83.21
Totals -----			\$ 72,949.27	\$ 72,949.27

SPECIAL FUNDS.

Receipts -----	\$ 31,867.85		\$ 31,867.85	
Expenditures -----	18,152.75	2,071.76		\$ 20,224.51
Balance on hand June 30, 1912-----				11,643.34
Total -----			\$ 31,867.85	\$ 31,867.85

TABLE NO. 20.

TREASURER'S REPORT.

GENERAL SUPPORT FUND.

Receipts -----	\$ 36,750.29	
Expenditures -----		\$ 35,272.40
Balance June 30, 1912 -----		1,477.89
Totals -----	\$ 36,750.29	\$ 36,750.29

SPECIAL FUNDS.

	Receipts	Expenditures	Balances
Oculist (Ch. 206, Sec. 5, 32, G. A.)-----	\$ 100.00		\$ 100.00
Contingent and Repairs (Ch. 206, Sec. 5, 32, G. A.)-----	396.83	396.83	
New Boilers (Ch. 179, Sec. 5, 31, G. A.)-----	821.31		821.31
New Coal House (Ch. 179, Sec. 5, 31, G. A.)-----	2,500.00		2,500.00
Contingent and Repairs (Ch. 197, Sec. 5, 34, G. A.)-----	1,000.00	739.60	260.40
Cottage for Superintendent (Ch. 197, Sec. 5, 34, G. A.)-----	4,000.00	40.00	3,960.00
Domestic Science Apparatus (Ch. 197, Sec. 5, 34, G. A.)-----	250.00		250.00
Extraordinary Repairs (Ch. 197, Sec. 5, 34, G. A.)-----	1,000.00	748.37	251.63
Oculist (Ch. 197, Sec. 5, 34, G. A.)-----	125.00		125.00
Totals -----	\$ 10,193.14	\$ 1,924.80	\$ 8,268.34

Note—The apparent discrepancy between Table No. 17 and Treasurer's Report is due to the fact that the receipts and expenditures of June, 1911, are included in Table No. 17 instead of Table No. 15, as they would have been if both reports were made under the present management.

	Table No. 17	Table No. 20
Receipts -----	\$ 38,412.70	\$ 36,750.29
Expenditures, June, 1911, General Support-----		1,648.25
Expenditures, June andn July, Contingent Fund-----		14.16
Totals -----	\$ 38,412.70	\$ 38,412.70

TO THE PARENTS OF SEEING AND OF BLIND CHILDREN.

1.

Translated from the Report for 1893, of the Private Institution for the Blind in Linz, in Upper Austria, by Edward E. Allen.

WHAT SHALL PARENTS DO TO KEEP THEIR SEEING CHILDREN FROM BECOMING BLIND?

If your children have their eyesight, thank God, and take every care to preserve it, giving special heed to the following suggestions:

1. As soon as a child is born, insist that the nurse shall cleanse its eyes properly, as laid down in the regulations. You should yourself examine your child's eyes daily for the first week; and, if the slightest redness or mattery discharge appears on the lids, summon your physician at once, and follow his directions to the letter. Should you be unable to get him immediately, cleanse the child's eyes as often as a trace of matter appears in them, using for the purpose a clean linen rag or an absolutely clean bit of sponge. Wash from the nose outward over the place where the lids separate. Besides doing this, you should keep on the eye a fine linen rag, which must be kept cold either by dipping it in ice water or by laying it upon pieces of ice. This rag should not be too wet, and must be exchanged for a cold one just as soon as it becomes warm. In case one eye only is inflamed, take the greatest care not to touch the well eye with the rag, the sponge, or the water used upon the affected eye. This inflammation of the eyes of the newly born is a very dangerous thing. Unless the proper means be immediately employed, the inflammation generally destroys the eyesight wholly. Out of every one hundred blind children in Germany, twenty-five have lost their sight from this disease. But if you call in the physician at once and follow out his advice, you may confidently hope that your child will retain its eyesight.

HOW SHALL PARENTS MANAGE THEIR BLIND CHILDREN IN THEIR EARLY YEARS AT HOME, AND HOW BRING THEM UP?

If you have a blind child, consider that God has given it to you to be tended with unusual love and care. If you give it proper care and it lives to grow up, it will be a capable and happy human being, who will fill its place in life and will bring comfort to you. But if, on the contrary, you neglect or spoil your child, it will then be a poor bit of humanity, a burden both to you and to itself. Hence attend to the following rules:

1. Treat the blind child exactly as if it were a seeing child, and try as early as possible to make it put its body and mind into action. As soon as it begins to use its hands, give it toys to play with. Talk to it, sing to it, and give it toys that make a noise, to attract its attention and rouse its mind.

2. Teach the child to walk at the age when seeing children learn.

3. Do not allow the child to sit long in one place alone and unoccupied; but encourage it to go about in the room, in the house, in the yard, and, when older, even about the town. Teach it to know by touch all objects around it.

4. As soon as possible teach the child to dress and undress, to wash itself, to comb its hair, to take care of its clothes, and, when at table, to use properly spoon, fork and knife. A blind child can do all these things as well as a seeing child; but you must give it much practice in doing them, because it cannot learn by observation.

5. Watch carefully the child's personal appearance. It cannot see how others act, and so readily acquires habits which are disagreeable to its companions. Some of the most common mannerisms of blind children are rocking the body, twisting the head about, sticking the fingers into the eyes, distorting the face, swinging the arms, stooping and hanging the head in walking, and bending over in sitting. As soon as you observe such practices in your child, you should make a vigorous attempt to break them up; for, if they once become habitual, years of schooling may be unable to overcome them.

6. Permit the blind child to play as much as possible with seeing children, and to romp often with them out of doors. Frequently take the child walking, and direct it in some simple physical exercises. If it is obliged to sit still, you should at least give it balls, pebbles, blocks, a doll, a harmonica, or such other toys as appeal to touch and to hearing.

7. If you would inform your child of the world about it, you must let it touch all the objects that you can get at, and must teach it to appreciate space and distance by actual measurement. To cultivate its sense of touch, let it handle familiar objects, like different woods, plants and coins.

8. Allow the child to take part as early as possible in household duties. Allow it to string buttons or shells; to shell and pick over beans, peas and nuts; to clean furniture and kitchen utensils; to wash dishes; to grind coffee; to peel potatoes; to gather the fruit in the garden; to feed the hens, doves, dog, cat and other domestic animals. You can also occupy the child pretty well in easy handiwork, such as winding yarn, braiding the hair and in coarse knitting.

9. Speak with your child much and often; for, since it cannot read the loving care which is written on your face, it has special need to hear your voice. Ask the child frequently what it hears or feels, and induce it to ask many questions as to what is going on around it.

10. Take care what you say before your child; for the blind child is more attentive to all which it hears than the seeing child is, and for this reason retains it better.

11. When in the presence of your child, never indulge in expressions of pity for its blindness, and suffer no one else to do so. Such expressions can only discourage and depress the child. Rather seek to encourage it

and to keep it engaged in happy activity, in order that it may strive cheerfully and courageously to be independent later in life, and to do without external consolation and assistance.

12. Give the child occasion to exercise its memory. A good memory will later be found invaluable. Have it commit to memory such proverbs, short poems and stories as it enjoys.

13. The blind child's moral and religious nature can be developed just as early as the seeing child's.

14. As soon as the child is of school age (six years old) send it, if possible, to the Institution for the Education of the Blind at Linz. To make this possible, you must apply in good season, say six months in advance. The superintendent will then tell you what questions you will have to answer before your child can be admitted.

15. If it cannot be admitted to the institution before it is seven, then send it with its seeing mates to public school. In this case you should beg the teacher to visit the Institution for the Blind at Linz, so that he may learn something of the way blind children are taught, and that he may get the necessary special appliances, such as books embossed for the blind and Klein's writing apparatus.

(It is, of course, understood that the institution mentioned in paragraphs 14 and 15 is not the one to which Iowa children should be sent. Residents of Iowa should apply to the Iowa College for the Blind, Vinton, Iowa.)

GENERAL INFORMATION.

The aim and purpose of this institution is purely educational. It is a state school for the young blind or those of sight so defective as to prevent them from attending the regular public school. All the common school branches are taught. The musical department is emphasized and those who have talent in that direction are given an opportunity to enter the course. Several industrial trades are taught.

The school year begins the first Wednesday in September and closes the last week in May. All applicants over five and under twenty-one years of age are admitted to the institution by the superintendent. All applicants over twenty-one years of age must furnish to the superintendent not less than three recommendations concerning the character of the applicant. The superintendent sends these, together with his own recommendations, to the State Board of Education, to be acted upon by said Board.

This institution is in no sense of the word an asylum or home for the blind. No person of imbecile or unsound mind or of confirmed immoral character will be knowingly received into the institution. If such are received they will be discharged. The parents or friends must supply their children with comfortable clothing; if this is not done the superintendent may purchase the clothing and send the bill to the county in which the child resides. The same is true concerning traveling expenses.

To secure the best work in any school, pupils should enter at the beginning of the year and remain throughout the entire term. It is the faithful and steady work that counts and it is our desire to impress this upon the minds of the patrons.

STATEMENT OF THE NEEDS OF THE PUPILS
WHO ARE COMING TO OUR SCHOOL.

The following statement of the needs of pupils who are coming to our school has been prepared by the matrons. It will answer many questions, and save unnecessary correspondence:

Girls.	Older Boys.	Younger Boys.
1 Coat	1 Sunday suit	1 Sunday suit
1 Play coat	1 Week-day suit	1 Week-day suit
1 Hat	2 Pair extra trousers	3 Pair extra trousers
1 Hood	1 Overcoat	4 Colored blouses
1 Sunday dress	2 Suits underwear	2 White blouses
1 Week-day dress	4 Shirts	1 Sunday overcoat
2 Petticoats	6 Collars	1 Play overcoat
2 Suits underwear	3 Night shirts	2 Suits underwear
2 Nightdresses	2 Pair suspenders	2 Night shirts
2 Corset waists	2 Pair shoes	2 Pair suspenders
4 Pair stockings	1 Pair rubbers	2 Pair elastic garters
2 Pair shoes	4 Pair socks	2 Pair shoes
1 Pair rubbers	3 Neckties	1 Pair rubbers
3 Aprons	1 Muffler	6 pair stockings
1 Pair mittens	1 Summer hat or cap	3 Windsor ties
1 Pair side elasties	1 Pair mittens	1 Summer Sunday cap
6 Handkerchiefs	1 Winter hat or cap	1 Summer play cap
Brush and comb	Umbrella	1 Winter Sunday cap
Tooth brush	Comb and brush	1 Winter play cap
Umbrella	Tooth brush	1 Pair mittens
1 Gymnasium suit	8 Handkerchiefs	Comb and brush
1 Pair gymnasium shoes	1 Gymnasium suit	Tooth brush
	1 Pair gymnasium shoes	8 Handkerchiefs
		1 Gymnasium suit
		1 Pair gymnasium shoes

All clothing should be plainly marked.

It would be well for each girl to have two school dresses and an umbrella, if possible.

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