

20211

# The University of Minnesota

## EIGHTEENTH BIENNIAL REPORT OF THE BOARD OF REGENTS



FISCAL YEARS ENDING  
JULY 31, 1913, 1914

BULLETIN OF THE UNIVERSITY OF MINNESOTA  
VOL. XVIII, NO. 1. JANUARY 1915

UNIVERSITY OF MINNESOTA

Entered at the Post Office  
in Minneapolis as second-class matter  
Minneapolis, Minn.

## LETTER OF TRANSMITTAL

*To His Excellency, Adolph O. Eberhart, Governor of the State  
of Minnesota:*

SIR: I have the honor to present in behalf of the Board of Regents of the University of Minnesota the eighteenth biennial report of the institution for the period ending July 31, 1914, together with estimates of the financial needs for the biennium ending July 31, 1917.

Yours respectfully,

B. F. NELSON,  
*President of the Board of Regents*

December 8, 1914

## NEEDS FOR THE BIENNIUM 1915-1917

In formulating their requests in behalf of the University for the biennium beginning August 1, 1915, the Regents have been guided by the following considerations:

*The State budget as a whole considered.*—While there are many needs of the University which the Regents regard as important, they have deemed it inexpedient to urge these at a time when it is generally agreed that conditions demand caution and economy in the expenditures of the State as a whole. The University is anxious to show its recognition of the situation and its desire to cooperate with those who are responsible for the State budget.

*A decrease in total amount requested.*—The present requests are nearly \$100,000 less than the total received from the State through the mill tax and direct appropriations for the biennium 1913-1915, and \$400,000 less than the total received in the biennium 1911-1913. The following budget has been made up on the basis of pressing needs. It is believed that convincing arguments can be presented for every item.

*Educational efficiency preferred to building expansion.*—The Regents are convinced that the University's primary need is for continued strengthening of the teaching staff by increase in numbers and gains in able and well-trained personalities. Progress has been made during the present biennium, but much ground must still be gained if Minnesota is to take the place she should hold among the leading state universities of the country.

*Due regard for agricultural interests.*—Nearly one third of the annual expenditures of the University is devoted to the Department of Agriculture. Of the requested appropriations for the coming biennium approximately 35 per cent will be made available for agricultural purposes. In addition to the annual federal grant of \$75,000, recent congressional legislation will provide an increasing annual sum for extension work in agriculture.

TABLE I. SUMMARY OF THE UNIVERSITY'S NEEDS FOR THE BIENNIUM ENDING JULY 31, 1917, COMPARED WITH THE APPROPRIATIONS FOR THE BIENNIUM ENDING JULY 31, 1915

Purpose	1913-1914	1914-1915	1915-1916	1916-1917
23/100 Mill Tax.....	\$324,806	\$335,194	\$335,000	\$340,000
Actual for year 1913-1914; estimated for other years by State Auditor.				
Campus Extension.....	43,114	.....	.....	.....
Amount of tax received on Campus Extension levy used to pay final certificates of indebtedness.				
For Maintenance.....	483,000	483,000	611,200	611,200
A general maintenance fund supplementing other revenues and applicable to any university purpose. Needed for increasing the number of the teaching staff, labor, supplies, etc.				
Fuel (University and University Farm) .....	60,000	60,000	90,000	90,000
Increase in buildings on both Campuses necessitates additions to both heating plants and provision for increased coal consumption.				
Special University Maintenance Appropriations .....	231,000	231,000	289,000	301,500
For Law and General libraries, repairs, Hospital support, research and publications, books and apparatus, University Extension, Mines support and Experiment Station, Geological Survey, see Table II.				
Special Agricultural Maintenance Appropriations .....	185,000	185,000	207,550	207,550
For Agricultural Extension, repairs, library, and many groups of experimental projects, see Table III.				
Buildings and Equipment:				
(a) Main Campus.....	352,500 <sup>c</sup>	352,500 <sup>a</sup>	198,000	131,000
(b) University Farm.....	162,725 <sup>a</sup>	162,725 <sup>c</sup>	84,050	38,750
(c) Substations .....	72,350 <sup>b</sup>	72,350 <sup>b</sup>	53,600	47,500
For detailed and annotated list of buildings and equipment requested, see Table IV.				
Agricultural Schools and Substations .....	92,900 <sup>a</sup>	92,900 <sup>a</sup>	125,775	125,775
For detailed statement of building funds requested, see Table V.				
Total for each year.....	\$2,007,395	\$1,974,669 2,007,395	\$1,994,175	\$1,893,275 1,994,175
Total for each biennium.....		\$3,982,064	.....	\$3,887,450

\*As most of this was made available during the biennium rather than specifically in either year, the total has been equally divided.

TABLE II. SPECIAL UNIVERSITY MAINTENANCE APPROPRIATIONS

Purpose	Granted 1913-1915	Requested 1915-1917
<i>Law Library</i> ..... The steady growth of the Library and the provision of textbooks require the continuance of this appropriation.	\$10,000	\$10,000
<i>General Library</i> ..... The Library is by far the smallest of those owned by the leading state universities. A large increase is needed to regain lost ground.	40,000	40,000
<i>General Repairs</i> ..... With increase in number of buildings this increase is needed to maintain property in even reasonable repair.	50,000	65,000
<i>The University Hospital Support</i> ..... Needed to maintain forty additional beds and new service building. A State Hospital for indigent patients.	160,000	190,000
<i>Research and Publication</i> ..... This appropriation has amply justified itself and should by all means be continued.	20,000	20,000
<i>Scientific Books and Apparatus</i> ..... This fund supplies special volumes and equipment needed by departments and for scholarly advancement in teaching efficiency.	50,000	50,000
<i>University Extension</i> ..... The hearty response of the public justifies an increase in the activities and services of this important division.	80,000	105,000
<i>Physical Education and Public Health</i> ..... New Woman's Gymnasium demands additional instructors; men's work has pressing needs; University Health Office should be established; general athletics for students should be encouraged.	.....	18,000
<i>University High School</i> ..... Practice teaching required of all candidates for high school positions in Minnesota; more instructors needed; must be successful supervisors as well.	.....	20,000
<i>Summer Session</i> ..... Demand for enlarging of Summer Session; cannot be sustained by fees only; annual subsidy required to provide wider range of courses and stronger staff.	.....	7,000
<i>Mines Experiment Station</i> ..... The increased demands for investigations of Minnesota ores make this addition a public need.	20,000	30,000
<i>Mines Support Appropriation</i> .....	19,000	19,000
<i>Geological Survey</i> ..... The work of this division is increasingly important and deserves added support.	13,000	16,500
Total .....	\$462,000	\$590,500

TABLE III. SPECIAL AGRICULTURAL MAINTENANCE APPROPRIATIONS

Purpose	Granted 1913-1915	Requested 1915-1917
<i>Repairs and Alterations</i> .....	\$35,000	\$37,200
This includes general repairs and alterations of forty buildings, many of them old.		
<i>Campus Maintenance</i> .....	6,000	7,000
The campus has been considerably enlarged during the last biennium.		
<i>Library</i> .....	18,000	24,000
The library is inadequate for the needs of the station, college, and school. Increased registration and the addition of additional lines of research demand an increase in reference books.		
<i>Agricultural Extension and Home Education</i> ..	130,000	130,000
This includes dairy extension and premiums. There is insistent demand for this work. No increase is asked for as this will be provided through federal funds.		
<i>Forestry Experiments and Support</i> .....	31,000	34,500
An increase is needed for enlarging the forestry work, for roads at Cloquet, and for continuing work formerly taken care of by the United States Government.		
<i>General Experiment Station Investigations and Research</i> .....	120,000	152,400
These include studies of noxious weeds, plant diseases, farm management, field crops, agricultural engineering, bacteriology, grain and flour, soils, fruit-breeding, horticultural crops, animal nutrition, live stock, poultry, insects, marketing investigations, hog cholera, bee culture, seed-testing, tobacco investigations. (Appropriations especially provided for the seed laboratory, live stock, tobacco investigations and bee culture by the last legislature, are now included in this item.)		
<i>Seed Inspection</i> .....	10,000	10,000
Provided by special statute for seed control under auspices of the Station.		
<i>Hog Cholera Serum Production</i> .....	20,000	20,000
The funds previously allowed for this work have been inadequate to supply the demand for serum. The increased amount requested is based on the assumption that the present law will be changed, authorizing the sale at cost.		
Total .....	\$370,000	\$415,100

TABLE IV. BUILDING AND EQUIPMENT APPROPRIATIONS  
A. MAIN CAMPUS

Purpose	Amount requested
<i>Remodeling Library Building</i> .....	\$10,000
The need for more storage room for books and greater reading room accommodations is pressing.	
<i>Enlarging Heating Plant and Lining Tunnel</i> ...	55,000
Added buildings demand enlargement of boiler capacity and housing. Danger of caving in of tunnel and damage to supply pipes.	
<i>Contagious Wards and Clinical Annex and Equipment</i> .....	100,000
Demand for contagious wards for students insistent, especially from the Department of Agriculture. Proposed to care for this need in annex to hospital until other provision is made. Enlargement also of clinical facilities. No additional support needed until biennium 1917-1919.	
<i>Electrical Engineering Laboratory and Equipment</i> .....	80,000
Fireproof laboratory accommodations a pressing necessity; proposed to provide a building 100x60 feet which will meet needs for some time; can be ultimately extended into a complete building for this department; meantime Main Engineering Building to be utilized.	
<i>Paving and Grading</i> .....	8,000
Rearrangement of the campus and the grading around new buildings requires this minimum expenditure for biennium.	
<i>Special Book Purchases</i> .....	30,000
The University Library is far behind other institutions. Certain important sets and a large number of valuable works are greatly needed. Owing to the European War books can be bought at from 20 to 25% less than normal prices. Still further reductions are anticipated.	
<i>Sundry University Equipment Items</i> .....	46,000
The following needs are pressing and will be explained in detail in later statement to committees of the Legislature: Chemistry Laboratory, \$15,000; School of Mines Station, \$9,500; Refrigeration and Laundry, Hospital Service Building, \$8,000; Woman's Gymnasium, \$7,500; Dentistry, \$3,500; College of Education, \$2,500.	
Total, Main Campus.....	\$329,000

TABLE IV—Continued

## B. UNIVERSITY FARM

Purpose	Amount requested
<i>Enlarging Home Economics Building and Equip- ment</i> .....	\$45,300
The increase in this branch will fill the new building and require also all of the space now used in the old frame building. Under present conditions, not counting increases during next two years, this addition is urgently needed.	
<i>Power House Enlargement and Equipment</i> ....	30,000
Present reserve only 200 horse-power; new buildings nearing completion will demand more than this. Situation can be met for biennium with above appropriation.	
<i>Seed House and Service Building with Equip- ment</i> .....	20,000
A place is needed to store valuable seed grain. This building will provide suitable storage room and offices in connection with seed-grain work.	
<i>Enlarging Hog Cholera Serum Plant and Equip- ment</i> .....	10,000
Present plant is too small and does not meet federal requirements. Demand for serum increasing and urgent.	
<i>Special Improvements</i> .....	17,500
<i>A. New Shed</i> .....	\$1,200
It has been necessary to tear down some of the old sheds and a modern new one is required.	
<i>B. Laundry Equipment</i> .....	1,000
Old laundry equipment formerly at Morris is to be used at the University Farm Dining-Hall. Some additional apparatus will be necessary and expense of installation must be provided for.	
<i>C. Repairs to Dining Hall and Old Dormi-     tories</i> .....	4,000
Increased light, ventilation, toilet facilities as suggested by the Board of Health should be provided for in the Dining-Hall and old dormitories.	
<i>D. Grading around New Buildings</i> .....	1,000
There is not sufficient money in the present grading fund to complete the grading around new buildings.	



TABLE IV--Continued

Purpose	Amount Requested
<i>E. Road Improvement, Curbs, etc.</i> .....	\$5,000
These have long been needed and with completion of general grading, a beginning of permanent improvements can now be made.	
<i>F. Alterations and Repairs, Old Domestic Science Building</i> .....	3,000
It is desired to use this building for increased work in soils.	
<i>G. Fire Escapes, etc.</i> .....	2,300
Needed for fire escapes and making alterations recommended by the Commissioner of Labor.	
Total, University Farm.....	\$122,800
C. SUBSTATIONS	
NORTHWEST SCHOOL AND STATION, CROOKSTON:	
<i>Special Improvements</i> .....	\$9,500
<i>A. House for Farm Laborers</i> .....	\$4,000
Old house does not accommodate enough men. On account of distance from town men must be lodged and fed at Station.	
<i>B. Cottage for Agronomist</i> .....	3,000
Necessary for agronomist to live at station to conduct experimental work. Pays \$180 rent.	
<i>C. Enlargement of Water Supply</i> .....	2,500
Larger storage tank and well needed especially for protection against fire. State Marshall recommends.	
WEST CENTRAL SCHOOL AND STATION, MORRIS:	
<i>Dining-Hall and Auditorium with Equipment</i> .....	50,000
The present dining-hall, an old frame building, is too small, cannot well be remodeled, and has been condemned by the State Inspector as a menace to neighboring buildings.	
<i>Special Improvements</i> .....	16,500
<i>A. Improvement of Water Supply</i> .....	6,000
Storage tank needed for operation of water softener to avoid corrosion of pipes. Well must be deepened.	
<i>B. Sewerage and Drainage</i> .....	5,000
City demands change of sewage conditions. Sewer now empties into a field.	
<i>C. Alterations in Heating Plant</i> .....	2,500
Heating plant has no reserve and a spare boiler should be installed.	

TABLE IV—Continued

Purpose	Amount Requested
<i>D. Farm Cottage</i> .....	\$3,000
Suitable quarters should be provided for the regular farm help.	
<i>Additional Land</i> .....	2,500
This is essential for the development of the present campus and experimental plots.	
NORTH CENTRAL STATION, GRAND RAPIDS:	
<i>Special Improvements</i> .....	5,000
<i>A. Land Clearing</i> .....	2,000
Additional land should be cleared for station work.	
<i>B. Drainage and Water Supply</i> .....	1,500
Pressure tank and tiling needed.	
<i>C. Machinery Building</i> .....	1,500
At present no adequate protection for machinery.	
NORTHEAST STATION AND DEMONSTRATION FARM, DULUTH:	
<i>Institute Hall and Equipment</i> .....	7,000
For the accommodation of short-course students, farmers' clubs and other rural organizations that hold meetings at the Station.	
<i>Land Clearing</i> .....	3,000
Experimental work in different methods of clearing land should be continued.	
FRUIT-BREEDING FARM, ZUMBRA:	
<i>Special Improvements</i> .....	7,600
<i>A. Dwelling for Superintendent</i> .....	3,500
Additional space needed for employees. Present dwelling to be used for this purpose.	
<i>B. New Greenhouse</i> .....	2,000
Increased greenhouse space needed for hybridizing work with fruits.	
<i>C. Water Supply and Drainage</i> .....	2,100
Present water supply entirely inadequate; no proper drainage and sewerage facilities.	
Total, Substations .....	\$101,100
Total, Building and Equipment.....	\$552,900

TABLE V. MAINTENANCE APPROPRIATIONS FOR AGRICULTURAL SUBSTATIONS

Purpose	Granted 1913-1915	Requested 1915-1917
NORTHWEST SCHOOL AND EXPERIMENT STATION, CROOKSTON:		
<i>General Maintenance</i> .....	\$79,800	\$90,800
Additional assistance necessary in several departments. Increase in supplies needed.		
<i>General Repairs and Alterations</i> .....	10,000	15,000
Plumbing and heating changes, ce- ment work, painting, building re- pairs, etc., are pressing.		
NORTH CENTRAL EXPERIMENT STATION, GRAND RAPIDS:		
<i>General Maintenance</i> .....	14,000	20,000
Increase involved in changing plan of work from that of a demonstra- tion farm to an experiment station.		
<i>Repairs and Alterations</i> .....	.....	4,000
Addition to farm house, repairs to all buildings, etc., are needed.		
WEST CENTRAL SCHOOL AND EXPERIMENT STA- TION, MORRIS:		
<i>General Maintenance</i> .....	50,000	69,000
This includes an increase of \$19,000 for the biennium. The increase is due to the enlargement of the work and the development of the Station.		
<i>General Repairs and Alterations</i> .....	18,000	18,000
Repairs on twelve buildings, paint- ing, minor changes, etc., require this sum.		
NORTHEAST DEMONSTRATION FARM AND EX- PERIMENT STATION, DULUTH:		
<i>General Maintenance</i> .....	12,200	15,200
Increase asked to provide for the growing work of the Station.		
SOUTHEAST DEMONSTRATION FARM AND EX- PERIMENT STATION, WASECA:		
<i>General Support</i> .....	7,800	8,800
Increase asked to meet needs of development.		
<i>Alterations and Repairs</i> .....	.....	2,750
A silo, machine shed, minor repairs, painting, etc., needed.		
FRUIT-BREEDING FARM, ZUMBRA:		
<i>General Maintenance</i> .....	4,000	8,000
Additional labor and a foreman are needed to care for the work at the Fruit Farm.		
Total .....	\$195,800	\$251,550

## THE PRESIDENT'S REPORT

*To the President of the Board of Regents of the University of Minnesota:*

SIR: I herewith submit my report for the biennium ending July 31, 1914.

### STATISTICS OF REGISTRATION

*Collegiate students.*—Table I shows the registration, for each of the college years 1912-1913 and 1913-1914, of all students of collegiate grade, that is, those who are pursuing courses based upon a full four years' high-school preparation. The same facts are presented graphically in the diagram (Fig. 1, page 14). The net gain is 147, or a little more than 3.5 per cent. The loss in the College of Science, Literature, and the Arts is due to restricted entrance requirements which with the present year have been modified.<sup>1</sup> The gain of 129 in the College of Agriculture reflects

TABLE I. COLLEGIATE STUDENTS BY COLLEGES AND SCHOOLS  
1912-1914

COLLEGE OR SCHOOL	YEAR 1912-1913			YEAR 1913-1914			GAIN	LOSS
	Men	Women	Total	Men	Women	Total		
College of Science, Literature, and the Arts	687	925	1,612	683	909	1,592	.....	20
College of Engineering and the Mechanic Arts	393	.....	393	438	.....	438	.....	45
College of Agriculture	242	185	427	346	210	556	129	.....
Law School	208	6	214	174	2	176	.....	38
Medical School	185	11	196	175	8	183	.....	13
School for Nurses	.....	30	30	.....	36	36	.....	6
College of Dentistry	251	3	254	268	7	275	.....	21
College of Pharmacy	81	5	86	88	10	98	.....	12
School of Mines	94	.....	94	130	.....	130	.....	36
School of Analytical and Applied Chemistry	97	11	108	78	4	82	.....	26
College of Education	29	75	104	37	75	112	.....	8
Graduate School	114	60	183	117	49	166	.....	17
Summer Session	204	290	494	260	278	538	.....	44
Summer Session (Agriculture)	28	64	92	82	51	133	.....	41
Grand total (less duplicates)	2,443	1,565	4,008	2,633	1,522	4,155	147	.....

<sup>1</sup>The registration figures available at the time of writing this report indicate on November 4, 1914, an increase in collegiate students for the year 1914-1915 of 360, an increase of almost 10 per cent. The largest percentage gains are in Science, Literature, and the Arts, in Agriculture, Engineering, and Medicine.

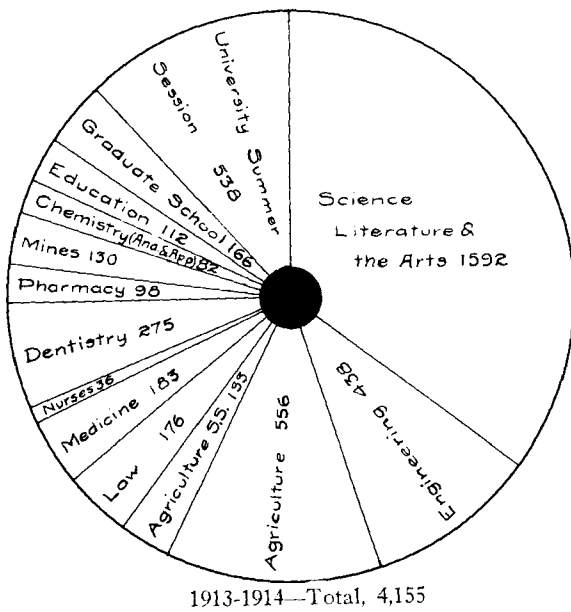
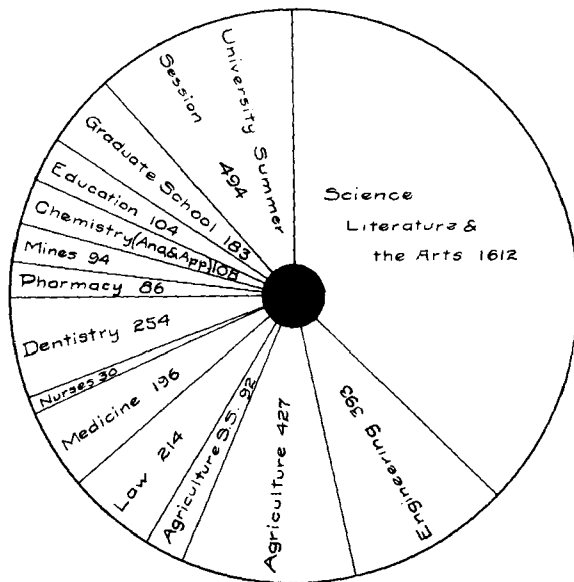
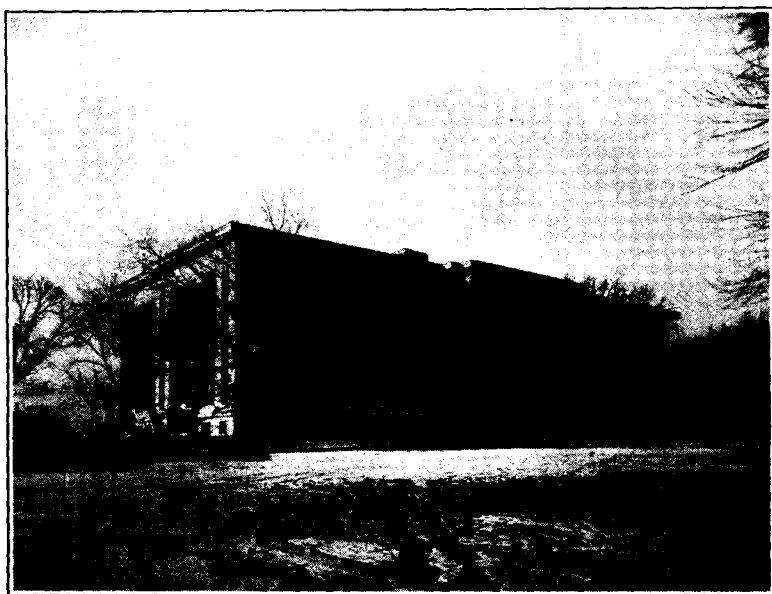


Fig. 1. Collegiate Registration, 1912-1913 and 1913-1914

the growing interest in the work of this division and the marked increase in the registration in Home Economics. The gain of 36 in the School of Mines is chiefly of students, who, unable to enter the Arts College, registered in the first year of this technical school. The gain of 45 in the College of Engineering is due to both natural increase in the college and the introduction of courses in Architecture. The loss of 38 in the Law School reflects the continued operation of the college entrance requirements and the more exacting standard of scholarship.



New Chemistry Laboratory

*Subcollegiate students.*—Table II records the numbers of subcollegiate students, that is, students with less than high-school preparation registered in schools of secondary grade and in so-called “short courses,” for each of the years 1912-1913 and 1913-1914. The Central School of Agriculture maintains its level; the Northwest School, Crookston, shows a marked gain; the West Central School, Morris, has lost some ground which, however, has been more than regained in the registration for the present session (autumn of 1914). In the “short courses” there are

always fluctuations, due to varying conditions which affect farm life. The apparent loss of 165 for subcollegiate students is accounted for by a failure in 1913-1914 to record the enrollment of the Farmers' Short Course at the West Central School and the falling off of attendance in the other short courses both there and at the Northwest School.

TABLE II. SUBCOLLEGIATE STUDENTS, 1912-1914

SCHOOL	YEAR 1912-1913			YEAR 1913-1914			GAIN	LOSS
	Men	Women	Total	Men	Women	Total		
<b>CENTRAL SCHOOL OF AGRICULTURE:</b>								
Intermediate Year.....	13	4	17	14	8	22	5	.....
Senior Year.....	140	69	209	105	58	163		46
Junior Year.....	164	83	247	178	100	278	31	.....
Freshman Year.....	294	131	425	303	123	426	1	.....
Special Students.....				2	3	5	5	.....
Total.....	611	287	898	602	292	894		4
<b>NORTHWEST SCHOOL OF AGRICULTURE, CROOKSTON:</b>								
Regular Students.....	111	25	136	110	51	161	25	.....
<b>WEST CENTRAL SCHOOL OF AGRICULTURE, MORRIS:</b>								
Regular Students.....	78	51	129	73	36	109		20
Total, Schools.....	800	363	1,163	785	379	1,164	1	.....
<b>SHORT COURSES:</b>								
Traction Engineering.....	37		37	37		37		.....
Dairy School.....	103		103	117		117	14	.....
<b>Teachers' Training School:</b>								
Central.....	69	784	853	64	795	859	6	.....
Crookston.....	15	210	225	7	156	163		62
Morris.....	5	119	124	7	102	109		15
<b>Farmers' Short Course:</b>								
Central.....	129	5	134	167	27	194	60	.....
Crookston.....	112	16	128	52	7	59		69
Morris.....	87		87					87
<b>Junior Short Course:</b>								
Central.....	244	84	328	282	76	358	30	.....
Crookston.....	36	11	47	46	3	54	7	.....
Morris.....	74	71	145	36	24	60		85
Short Course for Embalmers.....				35		35	35	.....
Total, Short Courses.....	911	1,300	2,211	850	1,195	2,045		166
Grand Total, Subcollegiate Students.....	1,711	1,663	3,374	1,635	1,574	3,209		165

*Extension students.*—In Table III are reported the registrations of extension students for both years of the biennium. These figures reflect the enlarged activities of the General Extension Division in providing night classes in the three large cities as well as in a few of the smaller cities and towns. The largest gains have been recorded in the business courses, although other subjects have also made substantial progress. The cor-

responsibility work will show notable development in the early future.

TABLE III. EXTENSION STUDENTS, 1912-1914

COURSES	YEAR 1912-1913			YEAR 1913-1914			GAIN	LOSS
	Men	Women	Total	Men	Women	Total		
General.....	509	259	768	1,158	394	1,552	784	.....
Correspondence.....	34	20	54	37	39	76	22	.....
Total.....	543	279	822	1,195	433	1,628	806	.....

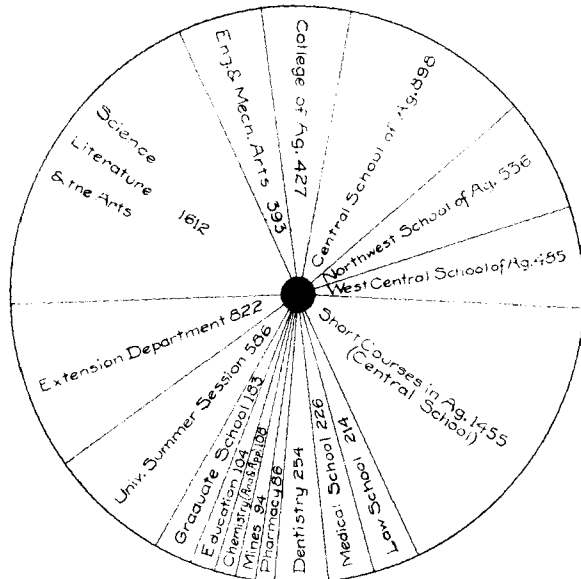
*Percentage of women students.*—In the College of Science, Literature, and the Arts the percentage of women has remained constant or nearly so, 57.4 per cent in 1912-1913 and 57.1 per cent in 1913-1914. For the group of collegiate students as a whole the percentage of women has fallen from 39 to 36.6. Of the subcollegiate students the percentage of women has remained constant at 49.

*Summary.*—Table IV summarizes the totals of the preceding tables. The diagram (Fig. 2, page 18) represents graphically the total registration for the year 1913-1914, distributed among the various divisions of the University. The total of 8,992 for 1913-1914 shows a gain of 9.5 per cent over the total for the previous year. These aggregate numbers, however, are not very significant. They include groups of students who vary widely in degree of preparation, time of residence, and amount and quality of work. It is to be remembered that the policy of putting a whole system of technical agricultural high schools in charge of the Regents of the State University is peculiar to Minnesota. Hence, comparisons of registration and budget with those of other states are likely to be misleading unless this fundamental difference is kept steadily in mind.

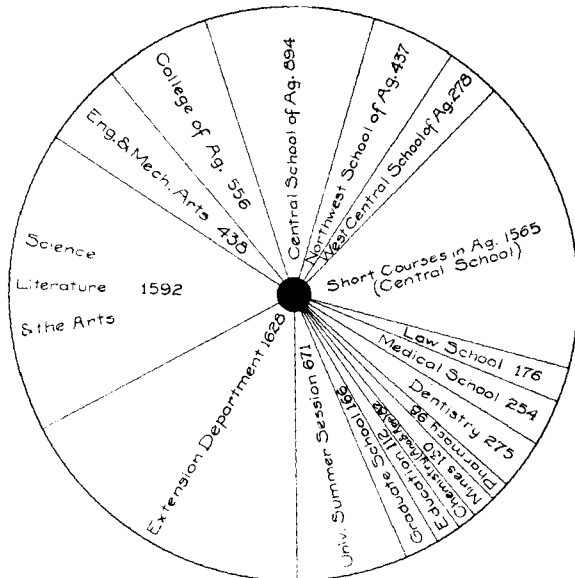
TABLE IV. SUMMARY, 1912-1914

DIVISION	YEAR 1912-1913			YEAR 1913-1914			GAIN	LOSS
	Men	Women	Total	Men	Women	Total		
Collegiate Students.....	2,443	1,565	4,008	2,633	1,522	4,155	147	.....
Subcollegiate Students.....	1,711	1,663	3,374	1,635	1,574	3,209	.....	165
Extension Students.....	543	279	822	1,195	433	1,628	806	.....
Grand Total.....	4,697	3,507	8,204	5,463	3,529	8,992	788	.....





1912-1913—Total, 8,204



1913-1914—Total, 8,992

Fig. 2. Distribution by Departments of Total Registration, 1912-1913 and 1913-1914

*Graduated; returned; did not return.*—Fig. 3 shows the total collegiate registration for 1913-1914, distributed into three classes: (a) those who were graduated in June, 1914, (b) those who had returned to the University up to November 1, 1914, and (c) those who had not at that date resumed their studies.

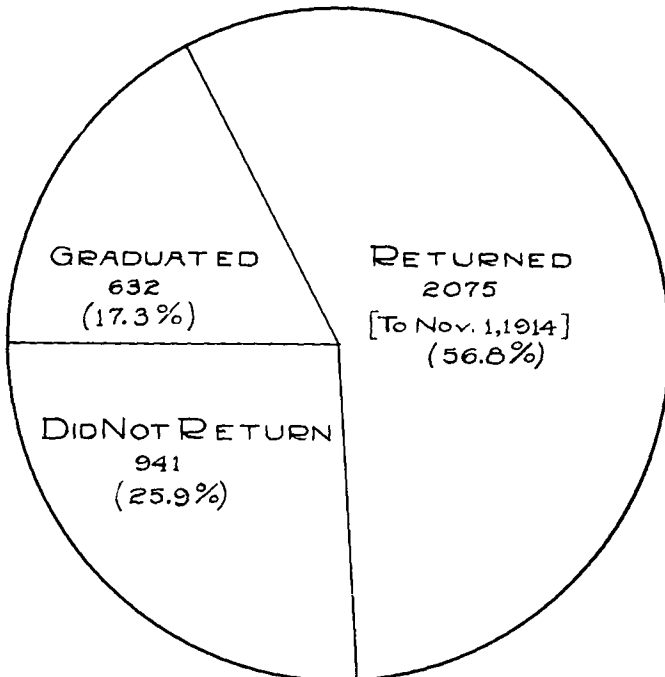


Fig. 3

The third group, constituting about 26 per cent, includes 254 students who were dismissed for poor scholarship; an unknown number who voluntarily withdrew because they foresaw failure; a few undoubtedly who were financially unable to continue, and probably a considerable number who for various reasons transferred to other institutions. An effort will be made to gather information from these students about the reasons which deterred them from returning. Such facts might disclose causes which the University could modify or correct. The fact that the percentages shown in this diagram are almost identical with the figures reported by the University of Illinois leads to the

conclusion that general, rather than special, influences are revealed by the Minnesota statistics.

*Growth in registration.*—Fig. 4 below shows the total registration for each year from 1883-1884 to 1913-1914. This reveals at a glance the recent growth in numbers of sub-collegiate and extension students. The gain in collegiate students has been slight. The latter fact is due to (a) the increased requirements in Law and Medicine which have caused a diminution in numbers of students, and (b) the restrictions in entrance requirements which temporarily checked the increase of matriculants. The gain of 10 per cent in collegiate students as of November 4, 1914, is evidence that with the readjustment to new professional requirements and a change in entrance regulations the resumption of normal growth may be expected.

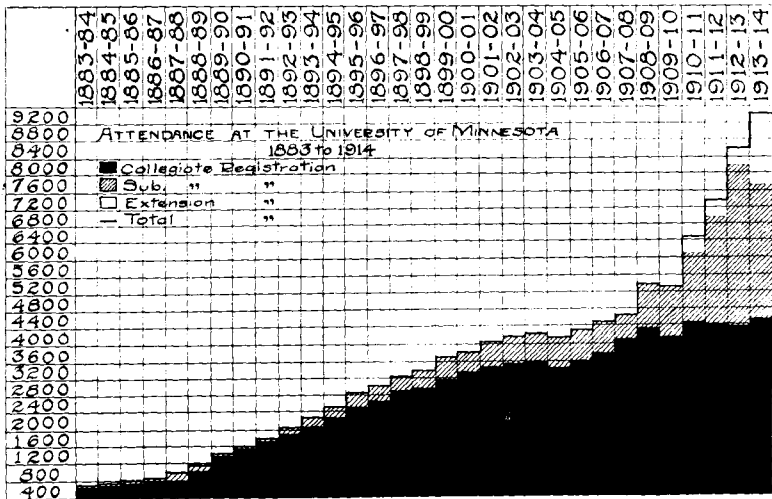


Fig. 4. Growth in Registration from 1883-1884 to 1913-1914

*Students dismissed for poor scholarship.*—Table V reports the number of students dismissed for poor scholarship in each of the years 1912-1913 and 1913-1914. The facts with respect to men and women are indicated separately. There has been a slight increase during the biennium in the percentage of students dropped. For the first year the percentage is 6.1; for the second,

6.9. The percentages for women have remained practically constant for the two years at 2.5 and 2.6. The increase, therefore, has been in the percentage of men dropped, namely from 8 to 9.1 per cent. In the largest college, that of Science, Literature, and the Arts, the percentage of all students dropped has fallen slightly from 7 to 6.5 per cent. Percentages for women students were 2.8 and 2.9. In Engineering there was a marked increase of students dismissed; the percentage for the first year being 8.9 and for the second, 18. This change was due to distinct stiffening of the requirements and enforcing of the regulations. The

TABLE V. UNDERGRADUATE STUDENTS DISMISSED FOR POOR SCHOLARSHIP 1912-1913 AND 1913-1914

COLLEGE	YEAR 1912-1913						YEAR 1913-1914					
	MEN		WOMEN		TOTALS		MEN		WOMEN		TOTALS	
	Reg.	Drpd.	Reg.	Drpd.	Reg.	Drpd.	Reg.	Drpd.	Reg.	Drpd.	Reg.	Drpd.
Science, Literature, and the Arts....	687	88	925	26	1,612	114	687	77	905	27	1,592	104
Engineering....	393	34			393	34	438	79			438	79
Agriculture....	242	7	185	6	427	13	346	8	210	5	556	13
Law....	208	28	6		214	28	174	27	2		176	27
Medical....	185	7	11		196	7	175	1	8	1	183	2
Nurses....			30		30				36		36	
Dentistry....	251	3	3		254	3	268	5	7		275	5
Pharmacy....	81		5		86		88	1	10		98	1
Mines....	94	7			94	7	130	21			130	21
Chemistry....	97	9	11		108	9	78	2	4		82	2
Education....	29		75		104		37		75		112	
Totals....	2,267	183	1,251	32	3,518	215	2,421	221	1,257	33	3,678	254

same type of administration is reflected in the percentages of the Law School for the two years, which were respectively 13 and 15 per cent. The marked increase in eliminations from the School of Mines was due to the fact that under the old entrance requirements a considerable number of students entered the School of Mines instead of registering in the College of Science, Literature, and the Arts. The School of Mines figures are for this reason abnormal. The fact that there have been no students dropped in the College of Education needs this explanation. The College of Education deals only with juniors and seniors who have successfully completed the first two years of college work. This college, therefore, deals with a selected group. The chief causes for which students are dropped are: inadequate prepara-

tion; defective habits of study; difficulty in adjustment to the changed conditions of college life; lack of ability; absence of intellectual ambition; the distractions of college life. In the case of students who are handicapped but who show genuine earnestness and industry every effort is made to give assistance and to afford opportunity for overcoming difficulties. Only when the authorities are convinced that the best interests of the University and of the student require dismissal is this policy enforced.

TABLE VI. DEGREES CONFERRED, 1912-1914

COLLEGES AND DEGREES	YEAR 1912-1913			YEAR 1913-1914		
	Men	Women	Total	Men	Women	Total
SCIENCE, LITERATURE, AND THE ARTS:						
B.A.	75	168	243	61	171	232
B.A. in Music					1	1
B.S.	21	2	23	12		12
ENGINEERING AND THE MECHANIC ARTS:						
C.E.	20		20	13		13
E.E.	13		13	9		9
M.E.	9		9	4		4
B.S. in Engineering	33		33	53		53
AGRICULTURE:						
B.S. in Agriculture	21		21	32		32
B.S. in Forestry	13		13	12		12
B.S. in Home Economics		17	17		24	24
LAW:						
LL.B.	51	2	53	34	1	35
MEDICAL:						
M.D.	41	4	45	28	2	30
Graduate in Nursing		4	4		6	6
DENTISTRY:						
D.D.S.	63		63	82	3	85
PHARMACY:						
Phm. M.	1		1	2		2
Phm. B.	24		24	26	2	28
MINES:						
E.M.	11		11	9		9
ANALYTICAL AND APPLIED CHEMISTRY:						
Chem. E.	2		2	5		5
B.S.	5		5	3		3
B.S. in Chemistry	7	1	8	3		3
EDUCATION:						
B.A. in Education	7	30	37	20	34	54
GRADUATE:						
M.A.	17	11	28	11	19	30
M.S.	5		5	11		11
Ph.D.	2	1	3	2		2
M.F.				1		1
D.Sc.				1		1
Total	441	240	681	434	263	697

*Degrees conferred.*—Table VI shows the number of degrees conferred by the University in each of the years 1912-1913 and 1913-1914. During the biennium 1,378 students (875 men and 503 women) were graduated. Sixteen more degrees were

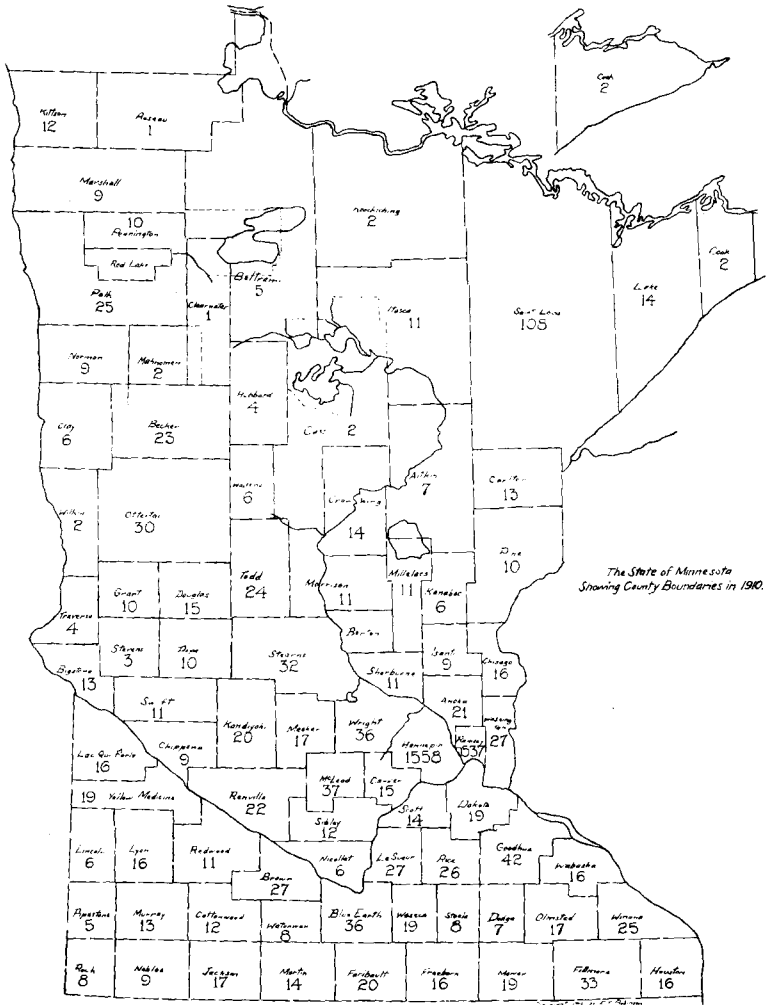


Fig. 5. Distribution of Collegiate Registration within the State of Minnesota, 1913-1914

granted in the second year than were conferred in the first. The chief increases were in Agriculture, Dentistry, and Education. The noteworthy losses were in Law and Medicine where the effects of changes in entrance requirements were shown.

*Geographical distribution.*—Figs. 5 and 6 show the distribution of collegiate registration for the year 1913-1914 within the state of Minnesota and among the states of the Union. For this year 48 students represented 15 foreign countries. Thirty states of the Union were represented; 84 counties of Minnesota sent students to the University. The percentage of students from outside the State has slightly increased during the past three years, that is, from 10.4 per cent in 1911-1912 to 11.4 per cent in

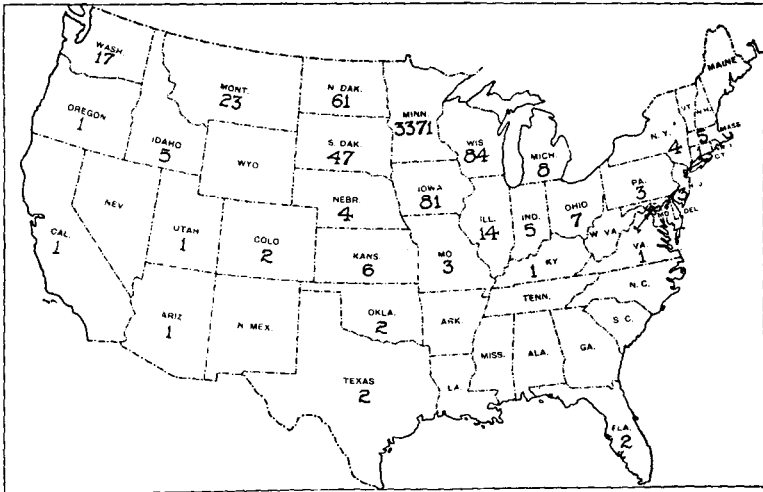


Fig. 6. Distribution of Collegiate Registration by States

1912-1913, and 11.7 per cent in 1913-1914. The percentage of Minnesota students registered from Hennepin and Ramsey counties remains practically what it was two years ago, 62 per cent. Again attention is called to the fact that many families migrate to the Twin Cities for the sake of entering sons and daughters in the University. Many mature professional students register from the Twin Cities, although their legal residences are in other parts of the State. The statistics of high-school preparation show that while 60 per cent register from Hennepin and Ramsey counties, only 40 per cent were prepared in the high

TABLE VII. GEOGRAPHICAL DISTRIBUTION OF COLLEGIATE STUDENTS, 1913-1914

	SCIENCE, LITERATURE, AND THE ARTS	AGRICULTURE	CHEMISTRY	DENTISTRY	EDUCATION	ENGINEERING	GRADUATE	LAW	MEDICAL	MINES	NURSES	PHARMACY	TOTAL
FOREIGN COUNTRIES													
Argentine Republic.....						1							1
Canada.....	5	2		1		3		1				1	13
Cuba.....						1							1
Denmark.....	1								1				1
England.....													1
Germany.....													1
Honolulu.....				1									1
India.....						1	1						1
Japan.....						1	3				1		5
Norway.....	1			8		1							10
Peru.....	1					1	1			1			3
Russia.....						1							1
Siberia.....													3
South Africa.....		3											4
Syria.....						1		1	1	1			4
Sweden.....	1												1
Total.....	9	5		10		10	5	2	2	2	1	1	47
STATES													
Arizona.....							1			1			2
California.....											1		1
Colorado.....						2							2
Connecticut.....								1					1
District of Columbia.....						1							1
Florida.....						1				1			2
Idaho.....	6			1			1		2				5
Illinois.....	2	1				2	2	3	2				16
Indiana.....		2							1				5



Indiana	39	11	3	7	1	4	1	5	5	2	1	3	82
Iowa							3	1	1				6
Kansas													1
Kentucky							1						5
Massachusetts	2							1					8
Michigan	2	3			1								3
Missouri									2				23
Montana	11	1	1	2	1	4		2				1	4
Nebraska	2						1		1				3
New Jersey	1						1			1			5
New York				1	1			1			1	1	60
North Dakota	30	3		8		5	1	4	7	1		1	7
Ohio	1	2				3			1				2
Oklahoma	1		1										
Oregon													3
Pennsylvania		1						1	1				
Rhode Island													
South Dakota	19	7	2	3	1	6		4	1	2		2	47
Tennessee							1						1
Texas	1							1					2
Utah		1					1						2
Virginia						1							1
Washington	1			5		2			1	8			17
Wisconsin	23	9	2	8	3	8	7	7	8	5	1	6	87
Total	142	41	9	35	8	46	20	32	40	13	4	14	404

#### MINNESOTA COUNTIES

Aitkin	3	2	1							1			7
Anoka	13			1	1	2		1	1			2	21
Becker	8	3		2		6		3		1			23
Beltrami		3						1					4
Benton					1								1
Bigstone	7	2		1		2	1	1					14
Blue Earth	11	8	2	2	8	2		1		1		1	36
Brown	6	7	2	3	4				1	2		2	27
Carlton	4	6		1		1						1	13
Carver	8	1		3	1	1			1				15
Cass	1	1											2
Chippewa	1			2		3	1					2	9
Chisago	7	2	2	1	1	2	1						16
Clay	1			1	4								6
Clearwater				1									1
Cook	1			1									2
Cottonwood	5	2			2	1	1					1	12
Crow Wing	8					2		2	1	1		1	15
Dakota	11	4		1		3							19
Dodge		1		2	1	2		1					7
Douglas	5	2		2	1	1		2					13
Faribault	11	2		1	1	2		1	2			1	21
Fillmore	9		2	10		8	1	1	3	1			35
Freeborn	7	1			1	4		1	1				16
Goodhue	13	6		7	1	7	1		3	1	1	2	42

Grant														
Hennepin	782	159	39	76	35	171	71	74	55	49	12	24	1,547	
Houston	7	3		2	2	1					1		16	
Hubbard	2			1			1			1			5	
Isanti	2	1		1		2	1		1				8	
Itasca	6	3	1					1				1	12	
Jackson	6	7		1	1			1		1			17	
Kanabec	2	2				2							6	
Kandiyohi	4	3	1	4	2	4			1	1			20	
Kittson	2	6		2		2							12	
Koochiching	1										1		2	
Lac qui Parle	7	4		1		2			2				16	
Lake	7					1		2		1			11	
Le Sueur	7	6		5		1			4			3	26	
Lincoln	2	1		1			1			1		3	9	
Lyon	4	1		4		1		2	1				13	
McLeod	13	14		5	1	2	2		1			2	40	
Mahnomen									2				2	
Marshall	3	1		2		1		1	1				9	
Martin	4	1		2		5		1	1				14	
Meeker	6	2	1	3		3		1					16	
Mille Lacs	5	2			1					1		1	10	
Morrison	5	2	1	2						2	1		13	
Mower	10	3		2	1						1	2	19	
Murray	6	5				2							13	
Nicollet		2		2			1				1		6	
Nobles	3	1	1	1	1	1			1			1	10	
Norman	1	1		1		1		3				2	9	
Olmsted	9	2			1	1		2					15	
Otter Tail	9	4		5	1	4	1	3	2	2		1	32	
Pennington	5	1			2							1	9	
Pine	6	1				1		2		1			11	
Pipestone	1			1			1				2		5	
Polk	5	7		3		2	1	2	3		2		25	
Pope	2	1		1				2		2			10	
Ramsey	222	92	14	17	11	52	44	14	27	30	3	6	532	
Red Lake														
Redwood	5	2		1		1	1					2	12	
Renville	8	8			1	2			2				21	
Rice	9	2	1			4	1	1	4	2	1	2	27	
Rock	7					1							8	
Roseau									1				1	
St. Louis	39	16	1	7	2	22	2	8	2	4	2	4	108	
Scott	2	6		4					2				14	

Herburne.....	2	3		1	1	2
Sibley.....	3	3		3		2
Stearns.....	12	5		5	4	2
Steele.....	3	2				2
Stevens.....		2		1	1	1
Swift.....	3	5		3	1	5
Todd.....	7	1				
Traverse.....	2					4
Wabasha.....	4			2		1
Wadena.....	2					4
Waseca.....	3	6	1			4
Washington.....	6	7	2		1	4
Watsonwan.....		2		1		3
Wilkin.....	1					
Winona.....	10	2		6	2	
Wright.....	8	7		4	4	
Yellow Medicine.....	5	8		2		
<b>Total.....</b>	<b>1,441</b>	<b>480</b>	<b>73</b>	<b>230</b>	<b>104</b>	<b>33</b>
<b>GRAND TOTAL</b>						
Foreign Countries.....	9	5		10		
States.....	142	41	9	35	8	
Minnesota—Counties.....	1,441	480	73	230	104	
<b>Total.....</b>	<b>1,592</b>	<b>526</b>	<b>82</b>	<b>275</b>	<b>112</b>	

schools of Minneapolis and St. Paul. Fig. 6 (page 24) shows that the University of Minnesota is serving the group of north-western states.

*Religious affiliations of students.*—The University does not, of course, apply religious tests of any kind. Students when they register are given the option of indicating, if they are willing to do so, their church affiliations. Table VIII indicates the results

TABLE VIII. RELIGIOUS AFFILIATIONS OF STUDENTS

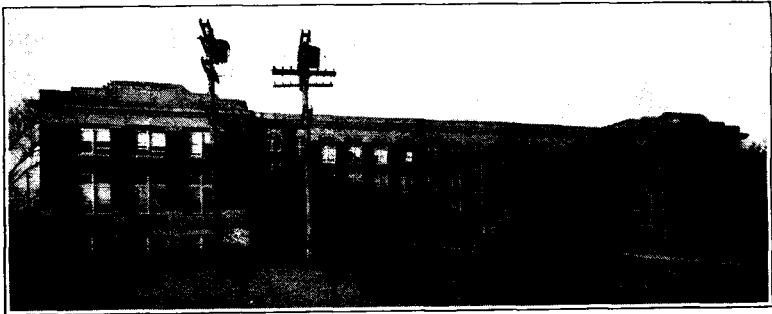
Advent Christian .....	2	Orthodox Greek Catholic.....	1
Apostolic Lutheran .....	1	Our Savior's Church.....	1
Baptist .....	185	People's Church .....	2
Calvinist .....	1	Presbyterian .....	471
Christian .....	28	Protestant (no denomination given) .....	26
Christian Science .....	92	Quaker .....	4
Church of God.....	1	Roman Catholic .....	460
Congregational .....	451	Scandinavian S. D. A.....	1
English Lutheran .....	17	Seventh Day Adventist.....	2
Ethical Culture Society.....	1	Swedish Lutheran .....	124
Episcopal .....	313	Swedish Mission .....	21
Evangelical .....	12	Swedish Evangelical Gethsemane	1
Free Mission .....	1	Udenominational .....	5
French Reform .....	1	Unitarian .....	54
German Evangelical .....	5	United Brethren .....	2
German Lutheran .....	94	United Lutheran .....	7
German Reform .....	2	Universalist .....	27
Graeco-Russian State Church...	1	None * .....	129
Jewish .....	88	Question unanswered .....	503
Lutheran .....	280	Total .....	3,944
Mennonite .....	3		
Methodist Episcopal .....	522		
Moravian .....	2		

\* Students stating explicitly that they have no religious affiliation.

of this purely optional inquiry made at registration time in September, 1914. It will be noted that out of 3,944 students 503 left unanswered the question concerning church connection. One hundred and twenty-nine stated explicitly that they had no such relationship. The table has interest in many ways. It reflects historical influences of western migration within the United States as well as the effects of foreign immigration.

*Nationality of students.*—Statistics have been gathered with respect to two groups of students: (1) 1,861 students who were registered in 1913-1914, and (2) 1,429 new students who entered the University in September, 1914. It would be hardly worth while to report all the details. A few conspicuous facts will suffice. Of the second group of 1,429, the following numbers reported themselves born of parents, both of whom were of the same nationality: American 452, Norwegian 119, German 115,

Swedish 101, English 71, Hebrew 41, Irish 35, Scotch 23, Danish 14, Canadian 7, Bohemian 7, French 7, Finnish 4, Italian 2. Of the 431 who reported mixed parentage no more than 2 or 3 belonged to the same nationality group. The figures for the first group of 1,861 students are as follows: American 551, Swedish 165, German 161, Norwegian 153, English 75, Hebrew 50, Irish 49, Scotch 22, Danish 14, Canadian 13, Bohemian 12, Finnish 6.



Main Engineering Building

## THE TEACHING STAFF

*Numbers of the teaching staff.*—Table IX shows the numbers of the faculty of each grade as of August 1, 1912, and August 1, 1914. The distribution into full-time and part-time groups is also indicated. It should be noted that this table includes all of the instructional force of the schools of agriculture. The increase in full-time teachers is 18 per cent. The decrease of 11.3 per cent in part-time teachers is due chiefly to the reorganization of the Medical School Faculty (see page 40). If extension instructors be excluded, the increase of teaching staff available for residence work is 15.4 per cent. This must further be reduced by the reduction in part-time teachers already mentioned. The decrease in the number of professors is due to the fact that on August 1, 1914, eight professors were on leave of absence, their places being taken by instructors on one-year appointments.

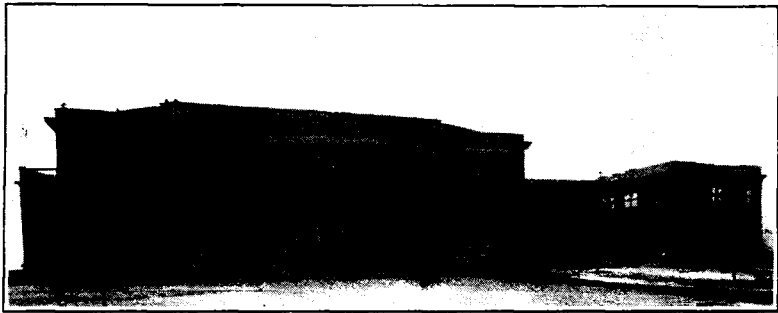
TABLE IX. NUMBERS OF THE FACULTY OF EACH GRADE AS OF AUGUST 1912, AND AUGUST, 1914

RANK	August, 1912			August, 1914		
	Full Time	Part Time	Total	Full Time	Part Time	Total
Deans and administrative officers	21	0	21	24	0	24
Professors	72	43	115	67	11	78
Associate professors	9	8	17	29	12	41
Assistant professors	76	18	94	79	28	107
Instructors	154	58	212	178	51	229
Assistants	24	44	68	34	35	69
Lecturers	0	23	23	0	22	22
Extension staff	14	0	14	26	12	38
Total	370	194	564	437	171	608

*Ratio of teachers to students.*—In the last biennial report it was shown that this ratio for Minnesota was approximately 1 to 16. Recent reports from other universities give the following figures: Wisconsin, 10.6; Illinois, 10.9; Michigan, 13.6; Missouri, 13.9. During the biennium Minnesota has made progress but the recent increase in the number of students threatens to restore the former ratio. For example, the College of Science, Literature, and the Arts had November 1, 1914, the equivalent of 2,200 students under instruction, 1,721 registered in the college and registrations from other colleges of the University aggregating the equivalent of 479 full-time students. The teaching staff was 127. Even this number included 16 teaching assistants, all of whom did not have full responsibility for classes. Thus it is clear that in this, the largest college of the University, the ratio is, if anything, a little more than 16 students to 1 teacher. In the Department of Agriculture there has been an increase since 1912 of 27.7 per cent in the teaching corps, but up to November 1, 1914, there was for the same period a gain of 50 per cent in the number of students. It is to be remembered, however, that a good deal of the work for agricultural freshmen is provided by the College of Science, Literature, and the Arts.

*Relation between buildings and teaching staff.*—There is direct connection between full use of buildings and the size of the instructional force. By the subdivision of large classes and laboratory sections both recitation rooms and laboratories may be more completely utilized. Such subdivision demands an addi-

tional number of teachers. For example, large laboratories are very little used in the morning and often overcrowded in the afternoon. Just the reverse is true of recitation buildings. A larger teaching force would make it possible to use both types of buildings all day. This would reduce the demand for new buildings and would increase educational efficiency.



Elliot Hospital. New Service Building (on right)

*Private practice and outside incomes of teachers.*—For the year 1912-1913 an inquiry was made concerning the earnings of University teachers from outside sources. Only full-time teachers were included in the inquiry. Sixty per cent of these persons earned incomes in addition to their University salaries. The average earnings from professional practice—legal, engineering, medical, surgical—were \$471.72 per man; from expert services in cases at law, \$311.96; from routine professional work—drafting, computing, blood-testing, etc.—\$74.58; from laboratory tests, analyses, etc., \$95.90; from literary work and lectures, \$254.66. Of the total earnings reported, namely, \$52,607.11, 38.6 per cent, or \$20,313.58, was received for work done during the vacation. Rules governing private practice by members of the Faculty were adopted by the Regents and are reported elsewhere (see page 38).

*Average salaries for each grade.*—The average salary for deans is \$4,954.17. The average salary for professors is \$3,089.24. This represents a gain of nearly two hundred dollars over the average of two years ago. The average for the associate professorship, a rank recently reestablished and carefully

recruited, is \$2,672.22. The figures for the assistant professorship and the instructorship are respectively \$2,265 and \$1,318.17. The average for assistants is \$689.

*A salary scale.*—While no definite scale has been agreed upon, an effort has been made to approximate at least certain sums as minima for the different academic ranks. It is hoped that the minimum for instructors may be fixed at \$1,200. It is the policy not to promote to an assistant professorship anyone to whom a salary of at least \$1,500 can not be paid. This minimum ought to be put at \$1,750. The minimum for an associate professor has been made \$2,250. A man worthy of full professorial rank should receive not less than \$2,750. It is recognized that in professional schools a somewhat higher salary scale must be maintained to meet the economic demands for especially trained men of certain types.

## THE STUDENTS

*Cost of living for students.*—During the year 1913-1914 an investigation was made by Dr. L. D. H. Weld, who received individual reports from 92 per cent of the collegiate students in residence. The tabulated results show that the average room rent paid by men was \$1.64 a week, by women \$1.77. The average for all students (not living at home) was \$1.68. The average board paid by men was \$3.89 a week, by women \$4.04. The average for all students (not living at home) was \$3.93. Eleven men and seven women reported that board cost them less than \$2.00 a week. The average of total annual expenses, including tuition fees, was for men \$536.18, for women \$474.48. The higher tuition fees of the professional schools raise the average for men. In the College of Science, Literature, and the Arts, the average total expense for men is \$469.52, for women \$487.90. Seventeen men and women reported a total annual expense of less than \$250. Sixty-two men and fourteen women reported an annual expense of \$850 or more.

*Earnings of students.*—The statistical inquiry reported above disclosed the following facts with reference to the earnings of students: 47.6 per cent of the men and 11.9 per cent of the women have engaged in remunerative work during the college year. The average earnings of the men were \$161.16, of the



women \$99.14. The aggregate earnings of men and women who reported satisfactorily were \$129,487.47. Of the men fifty-six earned more than \$400. During the summer vacation, of the men 85.1 per cent and of the women 16.2 per cent were at work. The average earnings of the men were \$161.51, of the women \$68.25. The aggregate summer earnings reported were \$237,168.37. The gross earnings for men and women for the year between June 1, 1912 and May 31, 1913, were estimated at slightly over \$400,000.



New Gymnasium and Drill Hall, University Farm

*Occupations followed by students.*—The principal occupations of the men in the order of largest numbers were as follows: as salesmen, solicitors, clerks, waiters, newspaper reporters, musicians, drug clerks, draftsmen. The principal occupations of the women in order of importance were clerical work, house work, tutoring, music. The average number of hours spent a week by men was 17.3, by women 18.2. Of the men 16.4 per cent and of the women 19.4 per cent reported that they worked more than 30 hours a week.

*Aid for self-supporting students.*—Thanks to the generosity of individuals, a sum of from \$4,000 to \$5,000 is available annually for loans to students. August 1, 1913, the University assumed responsibility for the Employment Bureau which was made a part of the Information Office service. This bureau has made a systematic canvass of the two cities to discover opportunities for employment, and has succeeded in placing a large number of students. Thus, the revenues of self-supporting students have been materially increased.

*Encouragement for self-supporting students.*—The committees on students' work always take into account the fact of self-support. Students who are earning their own way are given every opportunity to show that they are also capable of taking advantage of the educational resources of the institution. If any discrimination is made it is always in favor of those who are wholly or in part dependent upon their own efforts. There are oftentimes serious handicaps suffered by those who are making their way through the University. It is true that a stage may be reached when it is better for students to drop out for a year or for a semester to accumulate funds and then to return to work under more favorable conditions. There are certain colleges, such as Law, Medicine, and Engineering, in which library, laboratory, and shop work require attendance for long hours and make it peculiarly difficult for students to find time for outside work. A student who is doing thirty hours a week of outside work, as certain students have reported that they are doing, might easily break down under the excessive schedule which he would be compelled to carry.

*A resident nurse at Sanford Hall.*—The assignment of a trained nurse to Sanford Hall, the residence hall for woman students, is to be regarded as an important forward step. This nurse does not confine her services to residents of the Hall, but under the direction of the Dean of Women attends in boarding-houses woman students who may need her care. The nurse also coöperates in the inspection of boarding places, a policy necessary for protecting the health of students, and securing for them wholesome and safe living conditions. It is hoped that this innovation will prove only the beginning of a complete University public health system.

*Distractions of social life.*—Students of Minnesota are pecu-

liarily subject to social distractions. The city environment contributes to this. Hundreds of students live at home, and continue neighborhood and family social life in addition to the new relations which they establish in the University. Many forms of public entertainment make constant appeal. In the autumn of 1913 the Committee on Student Affairs reported that there were 150 organizations of different kinds among the students. During October, 60 social functions were given; of these 35 were dancing parties. For November the figures were 70 affairs, of which 46 were dances. Of the 60 October entertainments 35 were under fraternity or sorority auspices; of the 70 November events 42 were conducted by these groups. These figures need interpretation because they may well be misleading. Among nearly 4,000 students there are obviously a great many distinct groups. Therefore, there might easily be several affairs every evening appealing to wholly different constituencies, and in a given month not overtaxing the time or energy of any one individual. As a matter of fact, however, it is probably true that a small number of students have more social life than is good for them, while the majority would profit by more frequent contact. The regulation of social life in a large university must be brought about through student public opinion rather than by faculty rules. The administration can at best control only such affairs as are given on university grounds or are of a public character. With hundreds of private houses open to informal student parties of many kinds, any attempt at university control could easily be evaded. There are signs that students themselves are coming to recognize the need of regulation. A Senate committee on which students are in a majority voted in May, 1914, that all strictly university functions, that is, those which appeal to the whole community, may be held only on Friday or Saturday nights or on the eve of a holiday. It is to be hoped that this will be only the beginning of a policy of rational self-restraint. After all, negative regulation is largely ineffective. A university becomes truly a university only in the proportion that a positive interest in intellectual things relegates to their proper places the social and recreative features of college life.

*The housing problem.*—Nearly 150 women students (for the year 1914-1915 this number will be increased to at least 225) are compelled to live in boarding-houses in the southeast district.

These houses are inspected, agree to conform to certain regulations, and are for the most part well-conducted. But at best these quarters do not afford the most desirable environment for woman students. As soon as it can be done additional dormitory space should be provided. In the meantime, a plan of co-operative housekeeping is being tried. At the suggestion of the Faculty Women's Club and with the efficient aid of that organization, a house at 113 Church Street has been opened, and is known as the *Elizabeth Northrop House*. Eleven students live in this house, which is owned by the University. Preference is given to women who are partially or wholly self-supporting or who are forced to economize carefully. At a cost of \$16 a month to each occupant room and board are provided. The University is partly paid for heat and receives besides a small monthly rent which rather more than covers the cost of repairs, etc. The plan has been so successful that it is proposed to extend it to include three other houses which will accommodate from 36 to 40 more students. It should be noted, however, that these houses are not strictly self-supporting. If a full charge were made for rent and heat, the cost would be considerably increased. The plan should be regarded as an extension of the dormitory system, not as an experiment in the actual cost of living.

*The scholarship standard.*—Reports show that the use of the University Library steadily increases; the fraternities within four years have brought their average standing almost up to the average for the non-fraternity group. The fact that so far as figures go the general average has slightly declined is to be regarded as evidence that the standard of requirements has been somewhat stiffened, not that it has been relaxed. It is the general impression that there has been a gain in earnestness and in the spirit of work. The number of dismissals for poor scholarship is usually regarded as an evidence of a high standard of scholastic attainment. This test should be carefully examined. Dismissals may be merely mechanical and automatic. There is a difference between making work hard for students and making students work hard. Now and then there are teachers whose idea of raising the standard consists in assigning an excessive amount of reading, setting long papers, and giving examinations with catch questions. The number of such instructors is never

large and they are soon eliminated from academic life. The teachers who get the most work out of their students are they who know how to kindle a genuine enthusiasm, how to arouse a zeal for study, how to challenge abilities, and to open up vistas of rewarding knowledge and ideals. More and more attention is being given to individual students. In the professional schools the faculties are in close contact with the relatively small student groups. In the College of Science, Literature, and the Arts a special committee is giving much time to administration. Members of this committee are relieved from a part of their teaching in order that they may devote a good deal of attention to individual students. The dismissal of students, therefore, is not a merely mechanical process, but rather a selective work, done intelligently and with patience and consideration.

*Student self-government.*—The development of student self-government during the biennium has been marked. The All-University Student Council, the Minnesota Union, the Woman's Self-Government Association, and several other groups have been active and successful. An agitation in behalf of the Honor System in examinations has already made progress and has been partially adopted. A Minnesota code has been published by the All-University Council. Training in community responsibility and loyalty, in the orderly conduct of public affairs, in leadership and the formation of public opinion should be afforded by our great universities. The old régime of faculty domination by threat and punishment must yield to a coöperation between teachers and students in creating a genuine self-directing community with a regularly constituted representative organization. The Senate committees, made up of both faculty and student members, give promise of success.

*Health supervision.*—Once more attention is called to the need of a thorough health organization for the University community. At present all entering students are subjected to physical examination and are required to attend lectures on personal and public hygiene. Departments of Physical Education for both men and women are maintained. Boarding-houses are subject to a measure of sanitary inspection by the University. A trained nurse is at the service of the woman students. The State Board of Health coöperates promptly and effectively in cases of contagious disease. All these agencies should be unified

and coördinated in a single effective health system for the institution as a whole. It is hoped that first steps, at least, in this movement may be taken during the coming biennium.

*The Minnesota Union.*—The last legislature made available as a Men's Building the old Chemistry Laboratory. This was vacated by the Chemistry Department early in July, 1914. Work was at once begun on the remodeling and equipping of the building as a Men's Club. This building, administered by the Minnesota Union, an organization of man students in the University, was turned over to that society in September. In addition to the restaurant, reading, study, committee, and game rooms have been provided. More than four hundred men are patronizing the restaurant daily. A student may board at the Minnesota Union at from \$3.50 to \$4.00 per week. This student club promises to meet a pressing need of the men of the University.

#### ADMINISTRATIVE CHANGES

*The appointment of advisory committees.*—In connection with the University Extension work in Minneapolis, St. Paul, and Duluth, committees of citizens have been appointed to serve in an advisory capacity to the Extension Division. It is believed that the active coöperation of practical business men and of women interested in civic betterment will be of service in keeping the extension courses in close relation to the needs of these urban communities. An advisory committee has also been appointed to coöperate with the Northeast Demonstration Farm near Duluth.

*Residence classification.*—In three colleges additional fees are imposed upon non-resident students. It is in many cases difficult to decide precisely what should constitute "residence." Pending a revision of the rules of the Board of Regents, the following new regulations have been adopted: "Self-supporting students over twenty-one years of age who declare an intention to reside in Minnesota shall be classified as resident members," and "all students under the age of twenty-one shall be considered as domiciled where their parents or guardians are domiciled. All students who are and for six months prior to the date of registration have been domiciled in Minnesota shall pay resident fees."

*The American Mathematical Monthly.*—The Regents have adopted the policy of coöperating in scientific work by authorizing a small payment toward the subsidizing of the *American Mathematical Monthly*. A number of other educational institutions are contributing to the support of this scientific publication. The University of Minnesota is represented on the editorial board.

*University Extension policy.*—A definite schedule of tuition fees for University Extension courses has been adopted. The courses have been classified and fees assigned as follows: Academic and introductory courses, \$5.00 a semester; technical courses, \$7.50 a semester; specialized and advanced courses, \$10.00 a semester. The compensation of instructors and of the regular staff who give additional Extension courses has been determined in accordance with the following schedule:

- Instructors with salaries of \$1,200 to \$1,450—\$125 per course.
- Instructors with salaries of from \$1,500 to \$1,950—\$150 per course.
- Instructors with salaries of from \$2,000 to \$2,450—\$175 per course.
- Instructors with salaries of from \$2,500 to \$2,950—\$200 per course.
- Instructors with salaries of from \$3,000 up—\$225 per course.

In academic subjects the course shall consist of sixteen evening sessions; in engineering, of twelve evenings.

*Agricultural department organization.*—The Department of Agriculture occupies a unique position in the organization of the University. It includes many units of instruction and investigation. The administration of this department, therefore, involves a serious tax upon the time and the energy of the Dean and Director. In order to relieve him the Regents have created the position of Assistant Dean in the College of Agriculture. This officer is expected to give especial attention to the administration of the college. Dr. E. M. Freeman was appointed to this position.

*Codification of Regents' rules, etc.*—Work upon a codification of the regulations adopted by the Board of Regents is progressing. It is proposed to print in connection with this code the laws of the United States and of the State of Minnesota which bear upon the status of the University.

*New by-law concerning committee meetings.*—The following has been adopted by the Board: "Whenever a meeting of any committee of the Board is duly called and one or more members

of the committee, less than a quorum, meet, any member of the Board, not a regular member of the committee, may sit with the committee, and for the purpose of creating a quorum and transacting business, be deemed to be a member with all the powers of a regular member."

*Coöperation with State Efficiency Commission.*—At the request of this body the Board relieved Dr. E. Dana Durand, Director of the University Bureau of Statistics, from a part of his teaching duties in order that his services might be put at the disposal of the Commission. The Regents regarded such coöperation as an appropriate service to the State and as falling within the scope of Dr. Durand's special competence and interest.

*Natural History Advisory Committee.*—A plan for organizing a committee to coöperate in the building up of the Natural History Collection of the University has been approved. It is hoped that a group of naturalists and hunters will be formed to aid in a general plan of making the University Museum completely representative of all sections of the State. It is also expected that many other regions will be drawn upon.

*Offer of a hospital site.*—The Regents offered to the commission in charge of the Hennepin County Tuberculosis Sanitarium, a site on the University Campus near the Elliot Hospital. After due consideration the commissioners decided that another location was more desirable.

*Relation of moral character to admission and graduation.*—The following regulations have been adopted by the Regents:

1. In admitting students from secondary schools the University assumes that certified graduates are of good moral character. Applicants from colleges and universities are required to present certificates of "honorable dismissal" or diplomas of graduation. The University will, however, when circumstances seem to warrant it, make special inquiries regarding a given applicant, and, if evidence of good moral character is insufficient, reserve the right to refuse him admission.

2. Convincing evidence that a student in the University has been guilty of serious misconduct involving moral turpitude, shall be sufficient reason for requiring him to withdraw from the University. Before such withdrawal is enforced, however, a student charged with such delinquency shall be first given a reasonable hearing before the faculty of the college or department in which he is registered.

3. The degrees of this University shall be conferred only upon students of good moral character; but no student shall be denied the privilege of graduation because of a lack of good moral character unless he



shall first have been given a hearing before the faculty of the college or department from which he is seeking his graduation.

*Regulations concerning private practice, etc.*—After careful consideration by a joint committee of Regents and faculty members, the following regulations were recommended to the Board and duly adopted:

1. No full-time member of the faculty shall engage in any outside activity which substantially interferes with his regular university duties. Such employment should contribute to his growth and efficiency in his special field of work.

2. No full-time member of the faculty shall receive from any outside source either an annual retaining fee or a regular salary unless the arrangement shall have been concurred in by the Board of Regents.

3. Any understandings now (June, 1914) existing between the University and members of the staff with reference to private practice shall be made a matter of record. This shall apply also to new members of the faculty when they join the University staff.

4. No member of the faculty who engages in consultation or other private practice shall use the official stationery of the University or give as a business address any building or department of the institution.

5. No member of the staff shall use University technical equipment for purposes of private practice without notice to the Comptroller and the payment of a reasonable fee for the privilege enjoyed. (See 9 and 10 below.)

6. While it is not possible to draw the line definitely between professional service of an expert or consultative character and routine professional work, the University is opposed to the entrance of University men into ordinary competition in the various professional fields.

7. No member of the faculty shall accept employment which shall bring him as an expert or in any other capacity into antagonism to the interests of the State of Minnesota.

8. Every member of the teaching staff who gives professional opinions must protect the University against the use of such opinions for advertising purposes. That is, when a member of the staff does work in a private capacity he must make it clear to those who employ him that his work is unofficial and that the name of the University is not in any way to be connected with the transaction.

9. No member of the faculty shall undertake for private persons or corporations tests, assays, chemical analyses, bacteriological examinations, et cetera, of a routine character and which involve the use of the University property, without notifying the Comptroller, by whom permits for the work will be issued. The faculty member to whom the permit is issued shall collect fees from those who receive the services, and account to the University, monthly, for its percentage of the fees as fixed in the list of prices mentioned in item 10 or in the permit.

10. It shall be the duty of the Comptroller to prepare in conference with the various departments concerned a list of prices for the different types of work which the University can undertake for private individuals or corporations, and the percentages which shall be paid to the University for the use of its equipment. In special cases not covered by the Comptroller's list, the price for the work to be done and the University's percentage shall be fixed in the permit authorizing the service.

*Departmental organization.*—On the recommendation of the College of Science, Literature, and the Arts, the Board approved regulations governing the administration of departments organized on the so-called chairmanship plan. The rules require the members of a department to act as a group, holding regularly called meetings, keeping records of actions, etc., etc.

*Graduate scholarships.*—On the recommendation of the Dean of the Graduate School the Regents voted to establish graduate scholarships with free tuition for graduates of the following institutions of the State: Carleton College, Gustavus Adolphus College, Hamline University, Macalester College, St. Olaf College; and to the following colleges of the University: the College of Science, Literature, and the Arts, the College of Engineering and the Mechanic Arts, the College of Agriculture, the Medical School, the School of Mines, the School of Chemistry, the College of Education, the regulations governing the selection of scholars to be determined by the Executive Committee of the Graduate School.

## EDUCATIONAL POLICIES

*Organization of the University Senate.*—In accordance with the plan of organization recommended by the former University Council and adopted by the Regents, the University Senate was formally convened during the first year of the biennium. Standing committees have been appointed, and this central governing body of the University has begun its work. It is to be hoped that University unity will be furthered by this new organization without encroachment upon the necessary autonomy of the various subdivisions of the institution.

*University Bureau of Statistics.*—The Regents created during the year 1912-1913 a University Bureau of Statistics and were fortunate in securing for the direction of this Bureau, Dr. E. Dana Durand, recently director of the Federal Census. It is

hoped to develop this University Bureau into an important agency, not only for educational research, but for public service. The Bureau of Research in Agricultural Economics has been made a part of this general University Bureau. During the summer of 1913 social and economic surveys of Ada and Braham townships were undertaken.

*Reorganization of the Medical Faculty.*—In the autumn of 1912 at the request of the Regents and with the hearty coöperation of the Executive Faculty of the Medical School, a complete reorganization of the entire staff both clinical and laboratory was decided upon. All the members of the medical staff placed their resignations in the hands of the President. The Regents appointed as a committee of reorganization the President; the Dean of the College, Dr. F. F. Wesbrook; two members of the Executive Faculty, Dr. J. E. Moore and Dr. Charles L. Greene; and three alumni of the College, Dr. L. B. Wilson, Dr. E. L. Tuohy, and Dr. Theodore Bratrud. This committee was requested to present to the Regents, first, a complete plan of organization for the medical faculty, and second, nominations of individuals to fill the positions provided in this plan. The report of the committee was received and adopted on February 17, 1913, to take effect August 1, 1913. The whole spirit in which this organization was carried out demonstrated the high-mindedness and devotion of the medical staff and the magnanimity of the medical profession in Minneapolis and St. Paul. The principles of the reorganization were essentially these: the reduction of numbers, the increase of time and responsibility for the chiefs of staff, and the assigning of positions under their leadership in such a way as to secure the greatest economy of effort, and continuity and unity of instruction. A little later new arrangements were made with both the City Hospital of Minneapolis and the City and County Hospital of St. Paul, by which the Medical School received improved opportunities for clinical teaching.

*Summer Session of the Medical School.*—For the first time in its history the Medical School voted to offer summer instruction for the season of 1913. The policy was continued in 1914. This was the beginning of what it is hoped will prove to be an increasingly important session which will not only enable regular students to make up lost ground or to anticipate courses, but

will also provide for medical practitioners an opportunity for graduate study and research.

*Medical School curriculum.*—During the year 1913-1914 important changes have been made in the Medical School course of study. Beginning with the second year a medical student will be permitted to make about one fifth of his work elective. He may either distribute these elective courses among departments or to some degree he may specialize in one field. A faculty committee on individual student programs will be a source of advice



New Home Economics Building

and guidance to students in making their plans for distribution of their work. It is believed that by making its curriculum more flexible the Medical School will be able to stimulate both students and faculty and better adapt its teaching to individual aptitudes and needs.

*Teaching fellowships in the Medical School.*—With the purpose of providing in the clinical departments well-trained, full-time assistants and research workers, and at the same time affording a basis for graduate teaching in the various specialties,

the Medical School, with the approval of the Regents, has established a system of teaching fellowships. Each fellowship normally will be held for three years at a stipend of \$500 for the first year, \$750 for the second, and \$1,000 for the third. To be eligible for a first-year fellowship a candidate must, as a general rule, have received his M.D. degree from an acceptable medical school and have served one year as an interne in a good hospital.

*Law School policy.*—On the recommendation of the Faculty of the Law School, the Regents adopted the following regulation: "A special student who throughout his course of three years maintains an average of *good*, may by a special vote of the Faculty be recommended for the degree of Bachelor of Laws." This action is in harmony with the policy of the Law School not to exclude from opportunity and privilege students of unusual and demonstrated ability.

*Farm Management training stations.*—On the recommendation of the Division of Farm Management the Regents authorized the leasing of two farms to be put in charge of two students of the senior class in the College of Agriculture. These students were made wholly responsible for the management of these farms for the year. The granting of degrees was conditioned upon the successful completion of this work. So far as known, this is the first formal attempt to supply a carefully supervised test of the practical efficiency of agricultural college graduates. The results for the first year were satisfactory and fully justified the experiment.

*School of Public Health.*—A plan, drawn up by a committee representing the Medical School, the College of Engineering, and the State Board of Public Health, was submitted to the Board and given general approval. While ultimately a special organization will be provided for this work, for the present, pending adequate budget provisions, it will be administered through the Medical School. The first aims of this organization are to correlate the health agencies of the University and to provide a curriculum for students who desire to fit themselves for Public Health Work. The coöperation of the State Board of Health will afford the best possible opportunities for practical field work.

*Extension of the Dental Course to four years.*—The Dental Faculty, having presented a general recommendation that under

certain conditions a fourth year be added to the Dental Course, the Regents expressed themselves favorably disposed toward such a plan, provided a majority of the colleges in the Association of University Dental Colleges should decide to adopt a four-year course. It seems probable that this policy will be adopted in the early future. The additional expense will be almost, if not wholly, met by the increased revenue from tuition fees.

*Entrance requirements.*—By action of the University Senate, ratified by the various colleges, the entrance requirements have been so modified that any graduate of an accredited high school in Minnesota may be admitted, provided he offers certain specific entrance units which are prerequisite for continued work in some college of the University. This means that the requirement of better than an average passing grade has been abolished. From the point of view of the University alone the former standard seemed to have much in its favor. Records of the College of Science, Literature, and the Arts show that students who enter from the lower half of a high-school class have distinctly less chance of success in college than those who belong to the upper half of the secondary school group. In spite of the temptation to limit admission to a somewhat selected group, a majority of the Senate voted for the change, on the ground that the University could not honorably isolate itself from the high schools and the state system as a whole. If a gap exists it is the duty of the University to bear its share of responsibility by maintaining close relations with the high schools and by helping to increase the efficiency of the state educational system. The regulations now in force will continue to lay emphasis upon the importance of good work in high school. The schools are to be judged by the stronger rather than by the weaker students whom they send to the University. High-school graduates whose records raise serious questions as to success in college will be warned and their parents notified that they must be confident of graduation for their sons or daughters.\* Such applicants, however, will not be

\* Of the 707 new students who enrolled in the College of Science, Literature, and the Arts in September, 1914, 264 would have been refused admission under the old regulations. These 264 received the prescribed warning. In December, 1914, 38 freshmen were dismissed for poor scholarship. Of these 28 belonged to the "warned" group. In other words, 39.6% of the freshmen who had a high-school record below 80 were dropped; of the freshmen with a record above 80 only 1.35% were dropped. Thus it is obvious that freshmen with poor high-school records suffer by far more severely than they who have done well in the secondary school. It is also true, however, that many students who would have been, under former conditions, refused admission have shown their ability to carry University courses successfully.

refused admission, nor if they insist upon coming, will they be in anyway discriminated against. Neither instructors nor fellow students will know that warnings have been given.

## FINANCES

*The budget interpreted.*—The Regents of the University have intrusted to their care and administration: (1) an Arts College and a group of professional schools (including an Agricultural College); (2) Experiment Stations for investigation in Agriculture, Mines, and Engineering, and research laboratories, etc., closely related to the educational system mentioned under (1); (3) a complete University Extension Service doing work in all parts of the State; (4) public services, e.g., a 180-bed hospital for the indigent poor, ore estimating for the Tax Commission, making of hog-cholera serum, the administration of a pure seed law, etc.; (5) a system of secondary agricultural schools with more than 1,000 pupils; (6) a system of dormitories, dining-halls, and restaurants for over 2,000 students. The annual budget is large, but it should be judged in the light of these various responsibilities with which the Regents are intrusted. It is not easy to analyze the annual expenditures into the six classes suggested above. Tables IV and VI in the Comptroller's Report follow, of course, the usual business classification. Teaching and research are for the most part done by the same men. The same plant with common overhead charges is used to a considerable degree for both the College of Agriculture and for the School of Agriculture. The dormitories and dining-halls meet actual running expenses but are not charged to the full with overhead expenses, interest, depreciation, etc. Approximate estimates put the annual cost of the secondary agricultural schools and stations at \$250,000. The University Hospital ought not to be charged wholly to medical education. A fair estimate would assign 80 per cent of the maintenance, or \$64,000, to the public service of the sick poor for whom various communities in the State would otherwise have to provide. So much is briefly indicated in order to show that the term "University" covers a very wide range of complex and varied activities which touch the whole life of the State.

*One problem of the budget.*—It is essential to good budget making to be able to estimate with close approximation the in-

come likely to be available for the year. In making such a forecast the University is embarrassed at one point. The proceeds of the 23/100 mill tax vary in the time of payment. In one year, for example, the counties will make payments in June and the University will be credited with a large amount in July before the fiscal year closes; in another year payments from the counties may be delayed and a large installment of the taxes may be credited after August 1. If the University were conducted as an ordinary business enterprise there would be no difficulty. The institution would be credited with taxes assessed but not paid, and this amount could be carried in the University statement, with the usual deduction, as "accounts receivable." As things now stand August 1 is a fixed limit. Every dollar received after that date, even though the sum properly belong to the preceding year's income, must be reckoned as income of the following year. The Comptroller in his report points out this difficulty and shows that the advance from the general funds or the borrowing temporarily by the Regents at the close of the year are subject to misinterpretation. Attention is called to the situation in order that it may be clearly understood.

*Publicity of University finances.*—At the beginning of each fiscal year the University files with the Governor, the State Auditor, the State Treasurer, the Public Examiner, and the Secretary of State a complete budget which shows the estimated revenues of the University, and the apportionment of these revenues to each department of the institution for the year. This budget goes into details of pay roll, supplies, and other expenditures. The volume contains over one hundred pages. The State officials recognize changes in this budget only as these may be formally authorized by the Board of Regents and printed in the published proceedings of that body. All University revenues of every kind are turned into the treasury of the State. No disbursements may be made save with the authority and approval of the State Auditor through whose office all requisitions must pass. Copies of these requisitions are filed in the State Auditor's office and become public records covering every item of expenditure of the University. An annual report is published in which the Comptroller gives statements of receipts and expenditures, together with a classification of the latter. All special funds



of every kind are reported upon. Every year the Public Examiner's office after a complete examination makes a report upon the finances of the University. It is possible, therefore, for any citizen of the State to have access to all the records which reveal completely the financial operations of the University.

*Central storehouse.*—The Comptroller reports upon the establishment of a central storehouse by means of which it will be possible to purchase University supplies in larger quantities at better prices, and to avoid the duplication inevitable when supplies are stored in a number of separate storerooms. It will take some little time to develop a completely satisfactory central storehouse system, but the work is being advanced steadily and the results in the form of economy and efficiency are confidently counted on.

*Dormitories and dining-halls.*—Attention is called to the fact that while dormitories, restaurants, and cafés conducted by the Board of Regents do, in almost all cases, meet current expenses, they are not, from the standpoint of accurate accounting, strictly self-supporting: that is, if all overhead charges, heat, light, interest on investment, depreciation and repairs were charged to these units they would show deficits. It is peculiarly difficult to conduct dining-halls at Morris and Crookston in such a way as to meet even current expenses. The overhead costs are relatively heavy and the short (six months') session offers an additional problem. It is important to keep the charges to students at the lowest possible point in order to make education available to the largest number. The competition of private boarding houses is also a factor in determining the price of board. The situation with respect to the dormitories raises the question as to how far the University is justified in providing at less than cost quarters for a small fraction of the students while the rest are compelled to find outside accommodations at commercial rates. The whole subject, complicated as it is, demands and is receiving, careful study. Recommendations as to policy will be formulated and presented to the Regents for consideration.

*Incidental and tuition fees.*—From time to time the question is raised as to whether university instruction should not be wholly free. Incidental rather than tuition fees of \$30 a year are now charged in the Colleges of Science, Literature, and the Arts, of Education, and of Agriculture. More than one half of the col-

legiate students pay these incidental fees. In Engineering and Law the fees are a little higher. In other professional schools the fees range from \$75 to \$150 annually. It is to be noted that loan funds are available for a considerable number of students who need financial assistance. Opportunities in the two cities for self-support are normally good. It may be that students of ability and promise are deterred by the incidental and tuition fees from entering the University. The number of really able and ambitious students, however, who are prevented from undertaking a university course must be small. Plans to provide free scholarships have been undertaken in a number of states. New York, for example, appropriates a considerable sum to cover scholarships in leading institutions of the state. Illinois provides scholarships of a similar character. The aggregate sum now received by the University from incidental and tuition fees is so considerable an item in the annual budget that any sweeping reduction of fees without a corresponding addition to appropriations would seriously embarrass the institution.

*Legislation suggested.*—The recommendations of the Comptroller with reference to changes in the law need emphasis. In spite of the best efforts of the University Business Office and the hearty cooperation of the State Auditor's Office, the payment of bills is by no means so prompt as it should be. It is impossible to obtain the best prices unless early payment can be guaranteed. The compelling of all instructors and others who receive salaries or wages from the University to sign a monthly pay roll is an antiquated and useless practice. The voucher check system has been adopted by all efficient business concerns. The law should establish this procedure. The University Inventory should be put upon a modern basis by recognizing a permanent inventory, to be modified each year by a depreciation charge and a checking of the annual additional purchases. It would be well, also, to have the Regents explicitly authorized to borrow money for a short time toward the end of the year, in anticipation of taxes due but not yet paid. It has been the custom for years for the Regents to borrow in this way. It is probable that the powers granted to the Regents are sufficient to include this, but since the Public Examiner has raised the question of legality, it would be well to have the power recognized and confirmed by legislative action.

## PHYSICAL PLANT AND EQUIPMENT

*Heating Plant.*—The new Central Heating Plant for the main campus has demonstrated its economy and efficiency. The new units installed in the Farm Heating Plant are showing the same qualities. The increase, however, in buildings and consequently in area of radiation makes it necessary to add two boilers to the main plant and to extend in the same way the plant at the Farm. It will be necessary also to line the tunnel under the main campus. The roof of this tunnel is falling steadily and there is danger that the steam connection may be damaged.

*The inter-campus trolley.*—The Comptroller's report contains a full statement with reference to this connection between the two campuses. The enterprise has already proved itself to be self-sustaining. More important still is the influence of this rapid means of communication upon the unification of the institution as a whole and upon the avoidance of duplication in plant and equipment. Perhaps no other one recent step in the development of the University of Minnesota has been more important than this linking of the two campus centers. Incidentally, the new line brings St. Paul students to the center of the Main Campus for a seven-cent fare.

*Efficient use of buildings.*—A careful study is being made of the present use of university buildings. The preliminary reports show that a considerable amount of space in various buildings is available for use. It is clear that class schedules can be more closely adjusted to the available building space. This will effect economies and bring about a more complete utilization of existing rooms. The problem, however, is much more complicated than it appears at first sight. For example, the complete utilization of a building would call for class exercises from eight o'clock in the morning up to six o'clock in the evening. As a matter of fact so many students live at a distance from the University that, especially in the winter, the eight o'clock hour cannot be completely utilized. The same conditions make it all but impossible to schedule classes between five and six o'clock in the late afternoon. The Regents are determined to study the situation with the utmost care and in every possible and reasonable way to utilize existing buildings to the utmost. The Board will insist that there can be no departmental or college proprietorship in the

buildings, and that space anywhere that is not absolutely needed for college or departmental purposes shall be available for general university use.

*Northern Pacific Railway tracks.*—The Northern Pacific Railway Company was by Chapter 302, Laws of Minnesota 1909, required to cover its tracks through the campus of the University. The Act also authorized the Board of Regents to enter into a contract with the railway company for the accomplishment of the object if in the judgment of the Board it could be accomplished to the advantage of the University by such agreement.

It seemed advisable to the Board to negotiate with the railway company to have the covering done by agreement in order that the walls of the tunnel might be built strong enough to carry not only the earth above but also any buildings which might in the future be erected over the tunnel. As the strengthening of the walls of the tunnel for this purpose would necessitate the expenditure of additional money it seemed clear that any contract made with the railroad should fix a stipulated sum to be paid by the University.

With that end in view negotiations have been pending with the railroad since 1909. In the spring of 1914 an agreement was reached. By the terms of this agreement the tracks were to be covered at once with a head-room in the tunnel of nineteen feet at the Harvard Street bridge and the surface above the tunnel at that point to be not more than one foot above the roadway of the bridge. This agreement was conditioned upon the payment of \$50,000 by the University and the granting of permission by the City Council of Minneapolis to permit an overhead crossing at University and Oak Street six feet above the present level of University Avenue. To carry out this agreement it was necessary to obtain from the Board of Railroad and Warehouse Commissioners a modification of the law which requires a head-room in tunnels of twenty-three feet. Upon application this modification was allowed by the Railroad and Warehouse Commission, but when the agreement was presented to the City Council that body refused to sanction it and passed a resolution requiring the Northern Pacific Railroad to depress its tracks at University Avenue and Oak Street twenty-one feet below the present grade of those streets.

As a result of this action the subject is now at a standstill.

The railroad company has refused to obey the order of the City Council and has announced its intention to contest the power of the City Council to pass the resolution, in the State and Federal Courts. Nothing can therefore be done until the resolution is either rescinded or annulled, or its validity settled by an action brought either by the City of Minneapolis or by the University of Minnesota. The subject is having the careful and constant attention of the Board of Regents.

### A SURVEY OF THE COLLEGES, ETC.

The following paragraphs summarize the chief features of the annual reports of the Deans and other administrative officers for the years 1912-1913 and 1913-1914. For details, reference should be made to the President's Reports for those years.

*College of Science, Literature, and the Arts.*—(1) A new curriculum which insures distribution of courses over representative fields of study, and compels advanced work in a related group; (2) an Administrative Board created to give more attention to the needs of individual students, and to concentrate responsibility; (3) an Advisory Committee, elected by the faculty, to make recommendations concerning college policy, appointments to the teaching staff, etc.; (4) Departments of Human Anatomy and Human Physiology in the Medical School recognized as departments in the college; (5) the election to the deanship of John B. Johnston, formerly Professor of Comparative Neurology in the Medical School, and the appointment of a number of new professors and instructors in various departments.

*College of Engineering and the Mechanic Arts.*—(1) The occupation of the new Main Engineering and Experimental Engineering buildings; (2) the reestablishment of the Department of Architecture and Architectural Engineering with a promising enrollment from the outset; (3) the addition of considerable modern equipment and machinery in the Departments of Mechanical and Electrical Engineering; (4) the establishment in the Main Engineering Building of a Central Engineering and Architectural Library; (5) research work in the Experimental Engineering Laboratory on the strength of materials and publication of the results; (6) revision of the curriculum with the

object of bringing the student in contact with engineering problems earlier in his course, the required cultural courses coming later; (7) the establishment in Minneapolis, St. Paul, and Duluth of night extension classes in a number of engineering subjects. (See also University Extension, page 55.)

*The Department of Agriculture.*—(1) Experiment and investigation in farm management, a wide variety of technical problems, forestry and, in cooperation with the United States Government, marketing; (2) social and economic surveys; (3) the development of short courses; (4) the introduction of a system of county agents; (5) cooperation with rural schools; (6) establishment of a Division of Agricultural Education which prepares first-grade certificate teachers of agriculture; (7) progress in adjusting the work of the various divisions to the plan of organization, and in the segregation of the work of College, Experiment Station, and School of Agriculture; (8) the centralization of work in Domestic Science, Domestic Art, Domestic Economy, Drawing and Designing, Textiles and Clothing, Foods and Cookery, Nutrition and Home Management in a Division of Home Economics; (9) reorganization of the work in Bee Culture; (10) extension of the work, and increase in the number, of Demonstration Farms; (11) plans drawn and work begun or completed on a number of new buildings; (12) a study made of the use of room in buildings at the University Farm; (13) preparation and distribution of a large number of scientific and popular publications.

*The Agricultural Substations.*—Particular attention is called to the valuable work done by the substations. Of special note is the work being carried on at the Fruit-Breeding Farm at Zumbra Heights. Many valuable hybrids have been produced and distributed. The work is conducted in cooperation with the State Horticultural Society. Their various testing stations are used in the testing work and the advice of the various members of the society has been valuable in many ways. Notable progress has been made at the Forest Experiment Station at Cloquet, the Northwest Experiment Station at Crookston, the West Central Experiment Station at Morris, the North Central Experiment Station at Grand Rapids, the Northeast Experiment Station and Demonstration Farm at Duluth, and the Southeast Experiment Station and Demonstration Farm at Waseca.

*The Law School.*—(1) Elimination of special students under twenty-one years of age; (2) reorganization and standardization of the curriculum, the first two years being rigidly prescribed; (3) certain amount of election permitted in the third year; (3) courses of lectures by Honorable William H. Taft, and Judge Homer B. Dibell; (4) development of an efficient course in practice; (5) establishment, in coöperation with the Associated Charities, of a Legal Aid Bureau in the work of which seniors get experience in the actual practice of law; (6) addition during the biennium of 3,300 volumes to the library; (7) adoption of the honor system in examinations; (8) night classes in law under the auspices of the General Extension Division. (See page 55.)

*The Medical School.*—(1) Reorganization of the faculty, with reduction in numbers, especially of the clinical staff, and increase of time and responsibility for the chiefs of staff; (2) revision of the curriculum involving greater flexibility and freedom for the development of individuality; (3) plan of clinic clerkships for sixth-year students; (4) requirement of a fifth or clinical year spent as interne in an approved hospital; (5) offering of specialized graduate work; (6) establishment of teaching fellowships and graduate scholarships in clinical departments; (7) more efficient arrangements for clinics at the Minneapolis City Hospital and the City and County Hospital of St. Paul; (8) closer relations with other colleges of the University effected; (9) six weeks' course in Embalming given to thirty-five students at the request of the Minnesota Funeral Directors' Association; (10) plan worked out for a School of Public Health; (11) initiation of a Summer School in Medicine.

*The College of Dentistry.*—(1) New building and equipment made available; (2) understanding reached that under certain conditions the course will be extended to four years; (3) thirty students given instruction in the summer school.

*The College of Pharmacy.*—(1) New quarters in old Millard Hall, which has been reconstructed and fire-proofed; (2) certain changes in the curriculum made; (3) adoption of the requirement, effective with the year 1915-1916, of high-school graduation or its equivalent for entrance to the college.

*The School of Mines.*—(1) Investigations conducted by the Experiment Station in brick and clay work, reduction processes for the Mesabi and Cuyuna Range ores; (2) service rendered

to the Tax Commission by making ore estimates; (3) set of maps of the Iron Ranges issued by the Experiment Station; (4) new courses in metallography introduced; (5) plans drawn and ground broken for the new School of Mines building.

*The School of Chemistry.*—(1) Occupation of the new Chemistry Laboratory; (2) research carried on in a number of chemical problems; (3) a survey of the whole field of industrial chemistry with a view to pointing out to business men the necessity of rapid development of the various chemical industries owing to conditions brought about by the European war.

*The College of Education.*—(1) Students admitted 1912-1913 on recommendation of the presidents of the state normal schools have proved good in scholarship; (2) remodeled and fire-proofed Mines Building occupied; (3) secondary schools inspected and teaching of Minnesota graduates supervised through the work of the Extension department. In 1913-1914, 122 schools were visited in 98 towns; 180 addresses were delivered to an estimated aggregate attendance of 37,100; (4) the Appointment Bureau has rendered valuable service in placing graduates in teaching and supervisory positions; (5) the college furnished professional instruction and training to an increasing number of students registered in other colleges in the University and in the Extension Division; (6) students given opportunities for practice teaching in the University High School; (7) summer school in coöperation with the State Department of Public Instruction; (8) short course for superintendents and principals with a registration of 227.

*The Graduate School.*—(1) Standards raised by the adoption of stricter rules; (2) changes in regulations governing the Master's degree: all candidates to devote at least one half of time to work on some original problem; (3) the reorganization of the school with an executive committee composed of the Dean and seven members appointed by the President; (4) \$20,000 expended in research in a wide field of practical problems; results published or in press.

*Report of the Dean of Women.*—(1) The Women's Self-Government Association shows promise; (2) value of the system of senior advisers for freshmen demonstrated; (3) revised "point" system, by means of which student activities and honors are more widely distributed, successfully under way; (4) a



House Council, representing Sanford Hall, sorority houses, and lodging houses has formulated rules; (5) wholesome entertainment and opportunities for social life for women students; (6) conferences with chaperones of sorority houses in regard to common problems; (7) the Elizabeth Northrop Cottage provides homes for eleven women students; (8) all lodging houses listed for University women inspected by Resident Nurse; (9) coöperation with Director of Physical Education for Women concerning health of women students; (10) loan fund of \$3,373, the proceeds of a play given under the auspices of the Faculty Women's Club, and a fund of \$250 raised by the Home Economics Association provided.

*The Library.*—(1) The number of books issued in the reading room continues to increase; (2) all accessions of the year completely catalogued; progress made in the recataloguing of the older portion of the Library; cataloguing of professional libraries almost completed; (3) 21,264 volumes added to the Library during 1913-1914; (4) 1,074 periodicals regularly received by Library; (5) large number of valuable publications received through exchange for University publications; (6) several institutions have loaned to University books needed for research; (7) Medical School adopts principle of central, as opposed to departmental, libraries.

*Agricultural Extension.*—(1) Farmers' Institutes held 1,256 meetings; attendance, 209,984; 50,000 copies each of *Farmers' Institute Annuals* Nos. 25 and 26 distributed; (2) five demonstration trains were operated; 138 stops: attendance at all sessions, 62,041; (3) two men have devoted most of their time to rural school work, conducting industrial contests, teaching agriculture in rural schools, organizing boys' and girls' clubs, etc.; (4) judges furnished for 208 county and street fairs and festivals; (5) one or more speakers have been furnished or some sort of entertainment provided for 2,123 meetings with a total attendance of 215,766; (6) 21 bulletins were sent to a mailing list of 45,000 names; twenty-four numbers each year of the *University Farm Press News* issued to farmers and local papers, and *Rural School Agriculture* published and mailed to each rural school teacher in the State; (7) 25 county agents put in field to give first-hand scientific instruction and counsel; two more counties organized; agents not yet secured; (8) special instructors in

Agriculture and Home Economics furnished to County Teachers' Training Schools; (9) 99 short courses held; total attendance at all sessions, 103,383; (10) 28 Demonstration Farms under the direction of Division; (11) 12 Cow-Testing Associations organized; (12) assistance given in the organization of Live-Stock Shipping Associations: 96 of these now organized; (13) during 1913-1914, with the coöperation of the agricultural papers and town and county officers, nearly 700 Farmers' Clubs organized, making a total August 1, 1914, of 830 clubs listed; (14) two thousand copies of *Back to the Farm* play published; play presented in 43 places. (See Figs. 7 and 8, pages 59 and 60).

*General Extension Division.*—(1) Evening classes in business, engineering and academic subjects conducted in St. Paul, Minneapolis, and Duluth; total registrations for biennium 2,295; (2) "University Weeks" (48 sessions) held in towns and villages throughout the State; (3) correspondence courses in wide range of subjects offered to general public; (4) Merchants' Short Course in methods of merchandizing held at University; registration of 138; (5) six debating squads of students sent to 52 towns to engage in public debates on current political and social questions; (6) lectures given in several towns in coöperation with National Institution for Moral Instruction; (7) sets of lantern slides furnished to schools; (8) over 125 localities supplied with lyceum courses of lectures and entertainments; (8) Municipal Reference Bureau established under auspices of Minnesota League of Municipalities and General Extension Division; nearly 100 cities, towns, and villages have joined the League; 51 communities supplied with information by the Bureau since October 5, 1913; five reports and compilations prepared and distributed; (9) staff of College of Education engaged in Extension Work throughout the State (page 53). (See Figs. 9 to 14, pages 61 to 66.)

*Physical Education for Men.*—(1) Physical examinations made and recorded, 3,671; (2) special lecture on sex hygiene given to 2,211 men; (3) disease census taken of 1,488 freshmen; (4) gymnasium instruction given to 649 students; (5) efficiency tests in various athletic events applied to all students; (6) contests in "soccer" football, baseball, basket-ball, and swimming organized and conducted; (7) an athletic fraternity to encourage all-round physical development organized; (8) annual sopho-

more-freshman class contests conducted.

*Physical Education for Women.*—(1) Physical examinations made and recorded for all woman students entering the University; (2) large number of interviews and consultations held; (3) visits made to schools at Crookston and Morris; (4) course of twelve lectures in Personal Hygiene given to freshman women; (5) special physical exercises prescribed for weak students; (6) contests in basket-ball, swimming, skating, and tennis organized;



University Trolley Line. Service Car for Freight

(7) plans for systematic sanitary inspection of boarding houses made; (8) a number of new courses offered; (9) significant gains in lung capacity shown by women who had physical training during winter; (10) plans for new gymnasium directed and completed.

*Military Department.*—(1) Students registered for drill, 2,162; (2) military camps conducted with 648 cadets enrolled; (3) special attention given to target practice; (4) National

Guard Battery organized in coöperation with State military authorities; (5) battalion ranked by War Department as one of the ten distinguished university battalions of the country.

*The Geological Survey.*—(1) Director and all members of the Survey forbidden to act as agents in the transfer of mineral lands in Minnesota, or to accept fees for expert advice relating to property within the State; (2) arrangements were made for coöperation with the United States Geological Survey, School of Mines, School of Chemistry, College of Engineering, and State Drainage Commission; (3) following investigations undertaken: surface formations and soils of northern Minnesota; occurrences and uses of clays in Minnesota; the structural and ornamental stones in Minnesota; geology, and iron ore deposits of the Cuyuna Range; occurrences of road materials in Minnesota; (4) many inquiries answered and numerous materials examined; (5) agreement entered into with the United States Bureau of Mines for the investigation of peats in Minnesota; (6) investigation of the geology of the area in the vicinity of Duluth and portions of the area between Duluth and Pigeon Point, particularly those portions that contain magnetic iron ores, made; (7) report on soils and weather conditions of Minnesota prepared; (8) a relief model of an area including the Twin Cities arranged for.

*The Botanical Survey.*—(1) Study of the *natural* reclamation of swamp lands made a special feature; (2) publications prepared as follows: *Guide to Spring Flowers*, 3d edition; *Guide to Autumn Flowers, Field and Garden*; *Minnesota Botanical Studies*, vol. 4, part 3; (3) during the year, 1,500 copies of *Minnesota Trees and Shrubs* distributed; *Botanical Studies*, vol. 4, parts 4 and 5, ready for publication; (3) origin and formation of different kinds of peat investigated; (4) maps prepared, a basis for reclamation projects.

*Committee on Physical Education and Intramural Sport.*—(1) Interclass, intercollege, interfraternity, and all-University contests held in basket-ball, swimming, handball, baseball, tennis, and soccer football; (2) under the management of the Women's Athletic Association contests in tennis, basket-ball, swimming, and gymnastics organized; (3) through the efforts of the committee two baseball fields with permanent back stops provided, baseballs, etc., furnished, additional tennis courts provided.

TABLE X. SCHOLARSHIP OF FRATERNITY AND NON-FRATERNITY GROUPS\*

	1911-1912	1912-1913	1913-1914
Total average.....	1.399	1.41	1.38
Non-fraternity average.....	1.502	1.43	1.38
Fraternity average.....	1.096	1.34	1.37

*The Academic Fraternities.*—(1) Card index system adopted for reporting high-school pledge men, university undergraduate pledge men, students' grades, etc.; (2) revision of the constitution and by-laws to restrict and safeguard pledging and initiation; (3) high-school principals of the Twin Cities induced to adopt twenty-four hour credits as the standard for seniors in full standing; (4) moral conditions among the fraternities believed to be on a higher plane than ever before; (5) average annual expenditure for 365 fraternity men \$528; 32 men earning their way entirely, 141 in part; (6) steady improvement in fraternity scholarship reported; (7) *Acacia*, a national academic fraternity, admitted to the Council; (8) system to provide for the proper chaperonage of all fraternity parties worked out.

*General Alumni Association.*—(1) *Alumni Weekly* published regularly; (2) *New Alumni Directory* and new *Dictionary of Minnesota* issued; (3) Secretary chosen president of the newly organized Association of Alumni Secretaries; (4) records show University has conferred 10,379 degrees upon 9,389 persons; (5) campaign to secure substantial increase in the permanent endowment fund amounting to \$15,000 begun; success assured.

\* Based upon a grade of excellent as three points, good as two points, pass as one point, a condition as zero, and a failure as minus one.

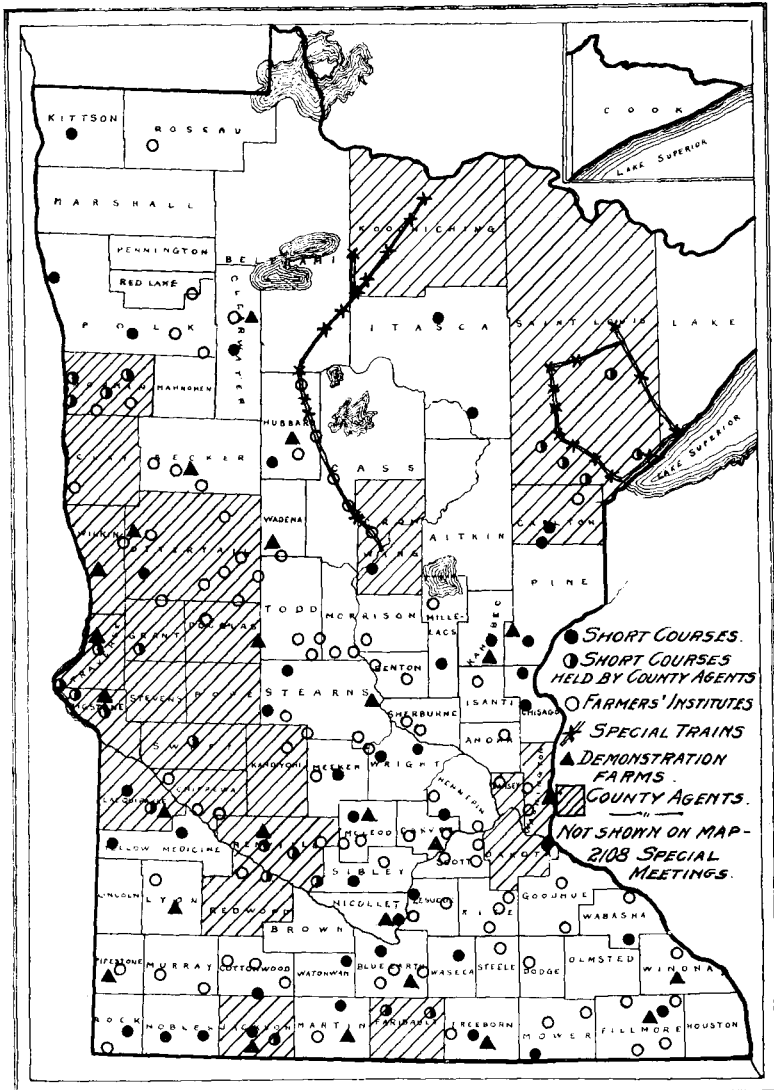


Fig. 7. Activities of Agricultural Extension Division

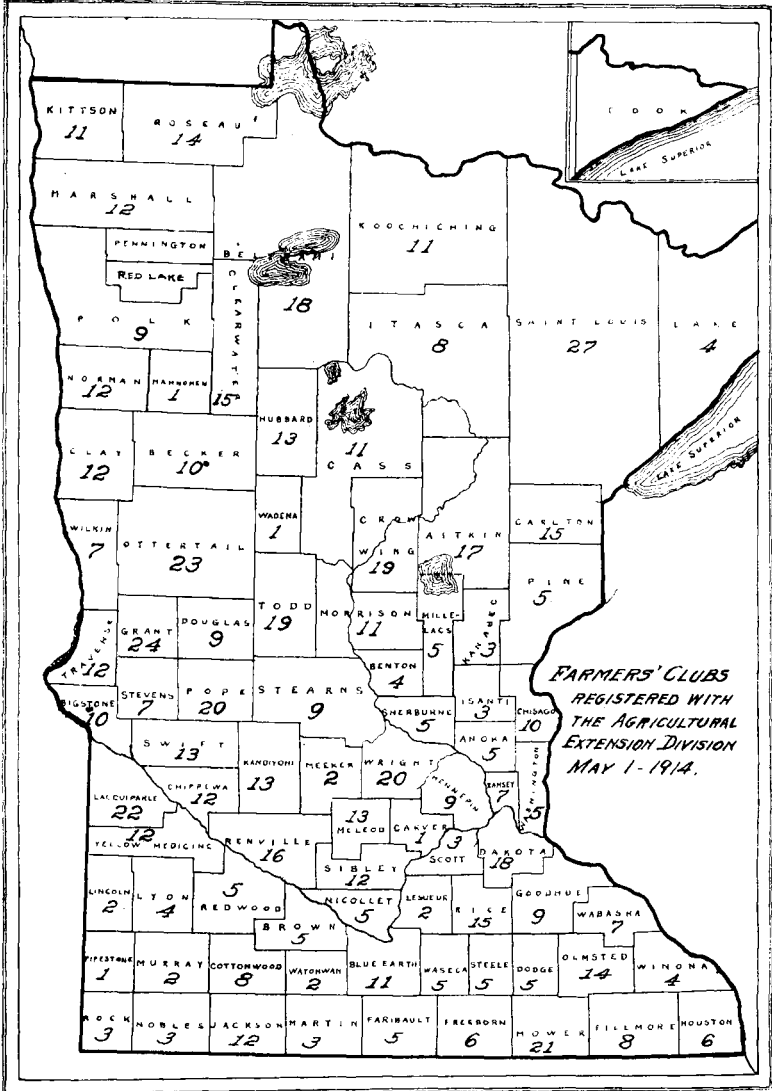


Fig. 8. Distribution of Farmers' Clubs in the State

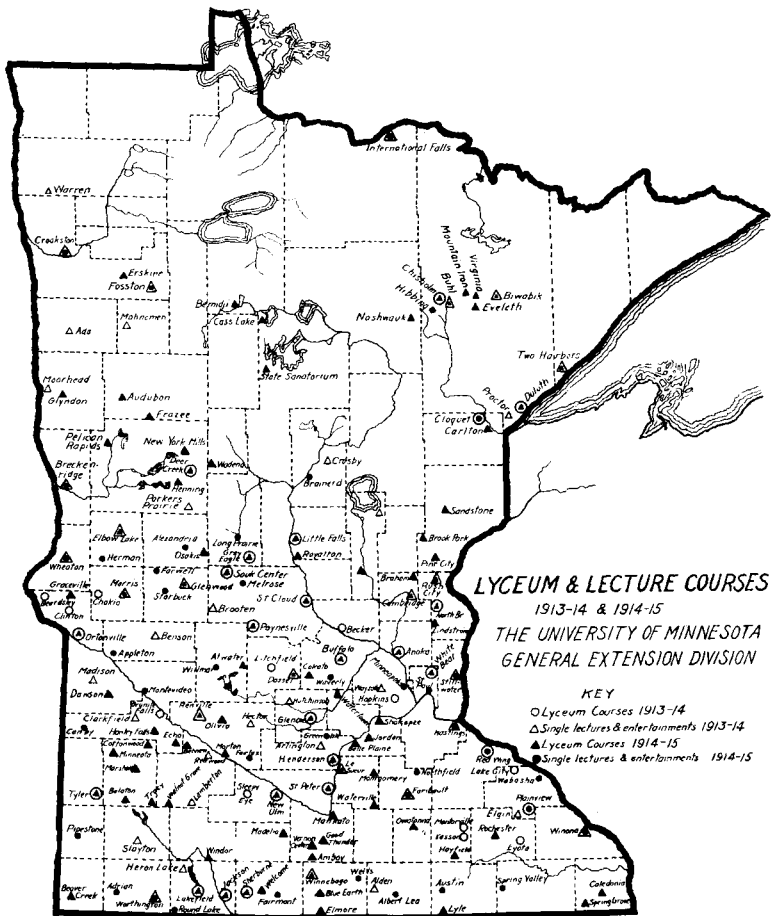


Fig. 9. Lyceum and Lecture Courses

In 1913-1914 there were booked and delivered the same year lyceum courses of two or more numbers each in 37 towns, 184 numbers altogether, and single lectures or entertainments in 50 additional towns. In that year there were also booked for 1914-1915 delivery courses in 97 towns.



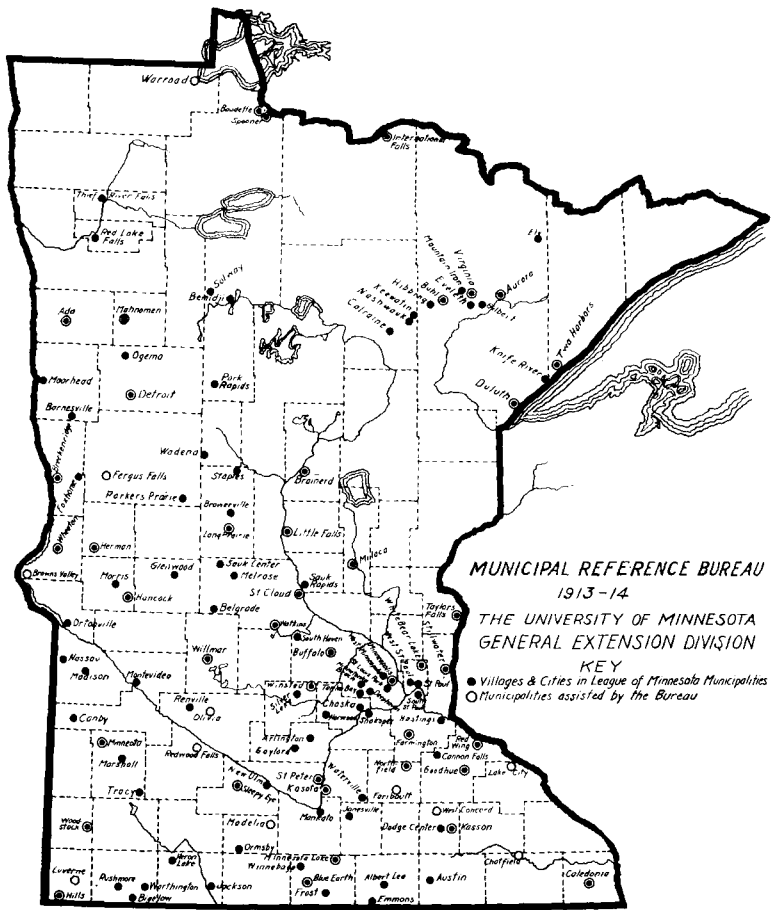


Fig. 10. Municipal Reference Bureau

Through the instrumentality of the Municipal Reference Bureau there was organized the League of Minnesota Municipalities, a cooperative association, with a membership on September 1, 1914, of 107 towns. Fifty-one villages and cities called on the Bureau for assistance during that year.

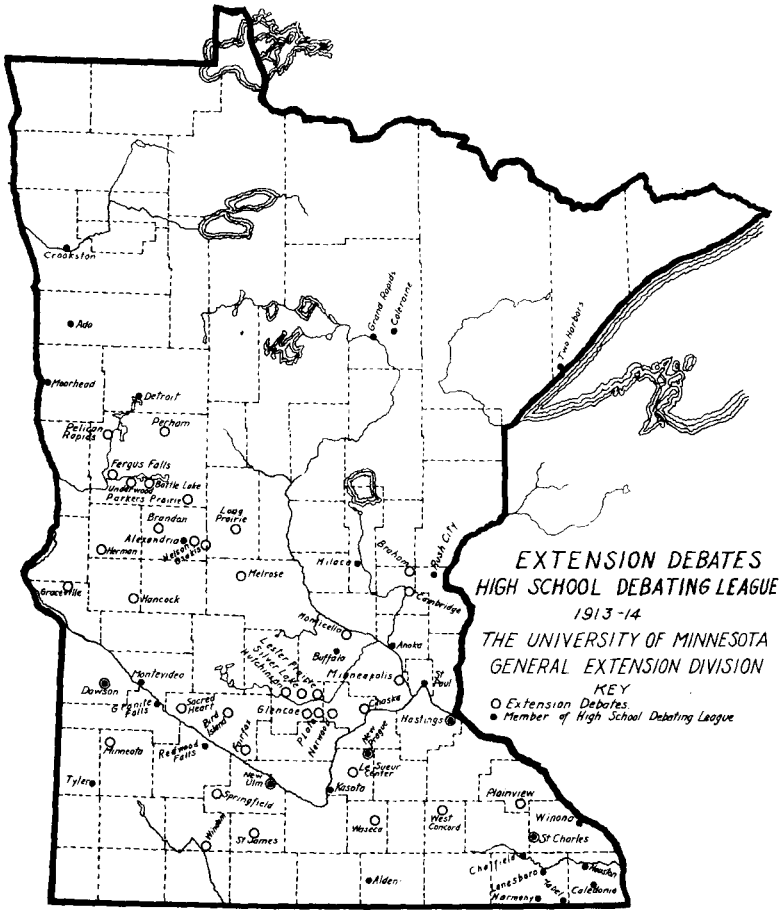


Fig. 11. Extension Debates

The High School Debating League is fostered by the University Department of Rhetoric and by the General Extension Division. In addition, six debating squads of University students were organized and debated six questions before Minnesota communities as shown above.

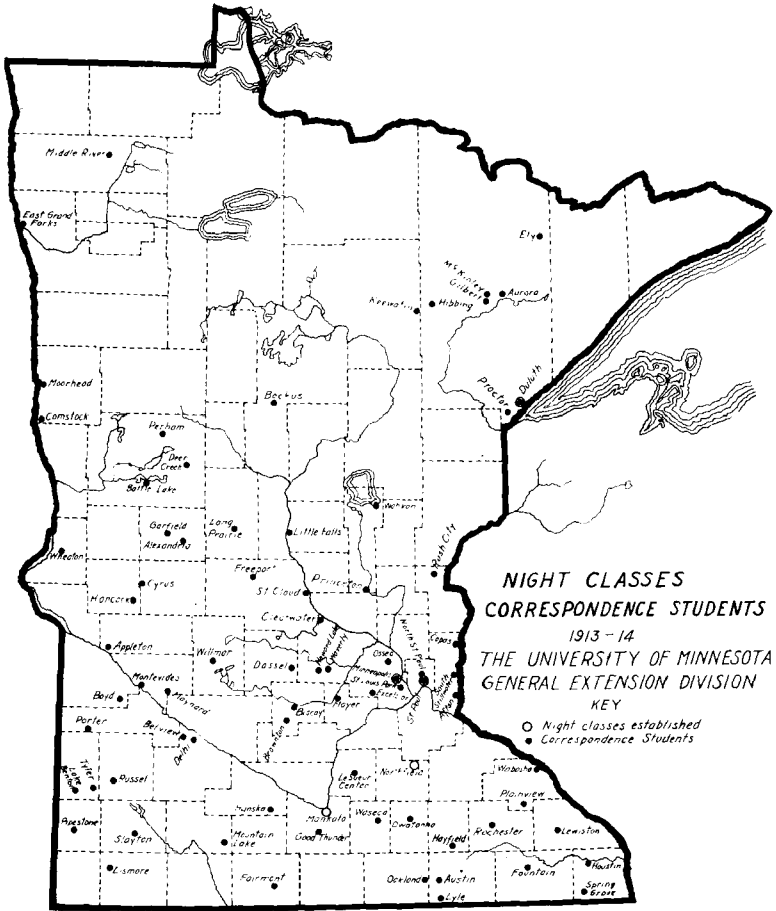


Fig. 12. Evening Extension Classes and Correspondence Students

Night classes taught by instructors sent weekly from the University are conducted in centers where a sufficient number of students request this service. Outside of the Twin Cities three towns were thus served. Elsewhere students were taught through correspondence courses.

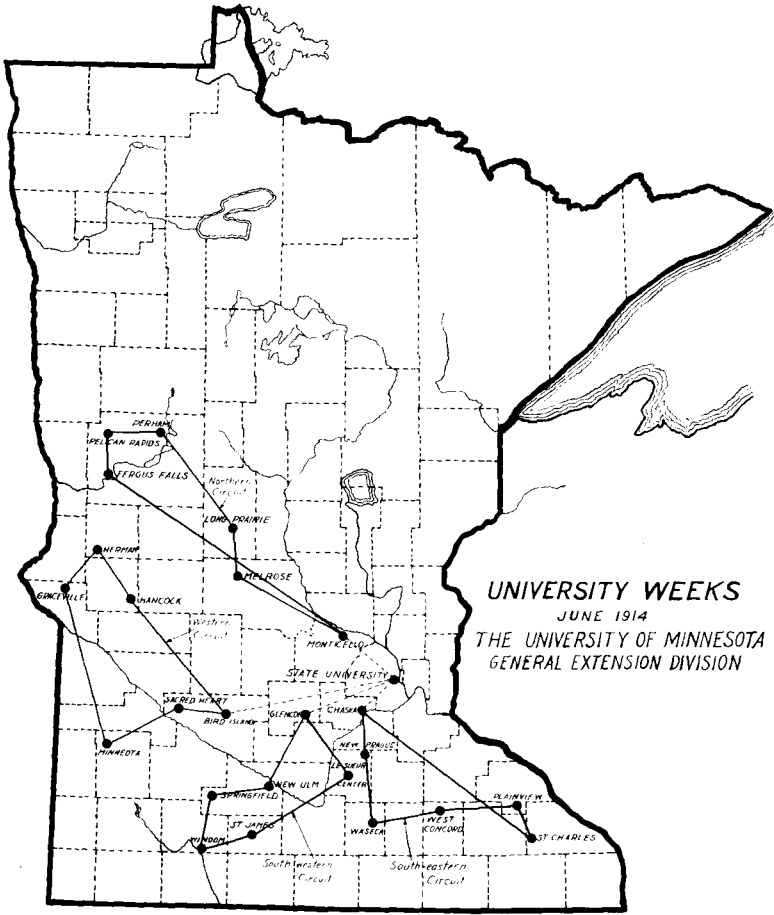


Fig. 13. University Weeks

The University Week is a six-day program of lectures, music, demonstrations, readings and dramatics. The programs are given afternoons and evenings. During the first two weeks of June, 1914, each of 24 towns was given a week's program. The towns were arranged in four circuits of six towns each.

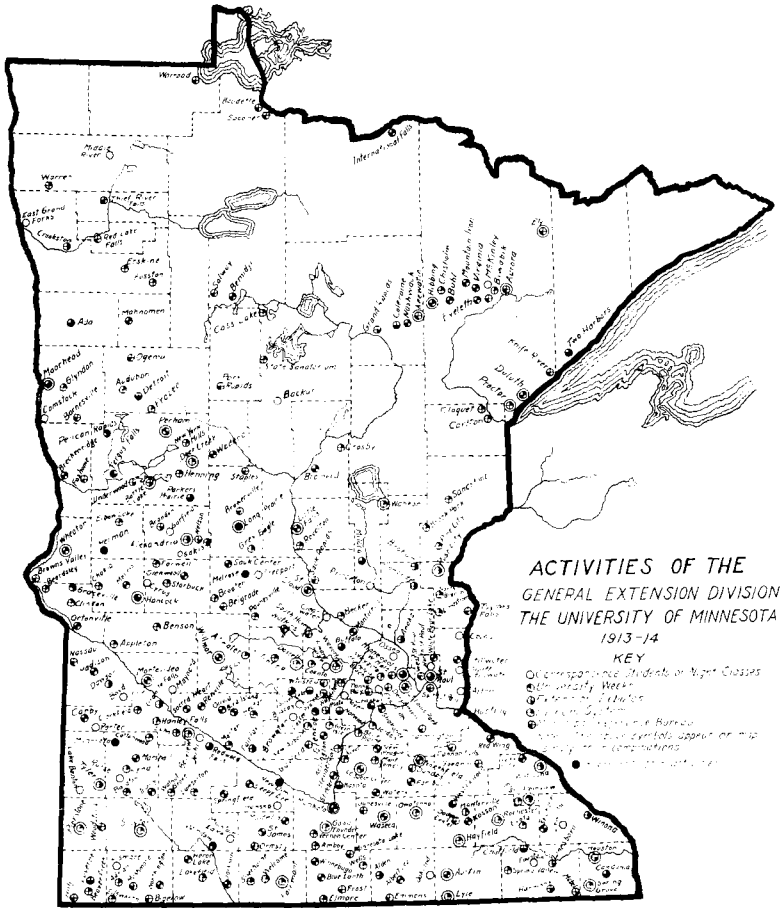


Fig. 14. Activities of the General Extension Division

The five chief activities of the General Extension Division are here summed up. The towns which received service and the kind of service rendered are indicated by symbols. The quadrant of black by its four positions denotes four forms of service and the circumscribed circle denotes the fifth.

## THE UNIVERSITY AND THE STATE

*University men and public service.*—While the University makes it a policy to abstain from participation in administrative work or the exercise of police powers, it is also true that members of the University faculty are serving on many commissions, committees, etc., which are either officially connected with the State or are of a public character. During the biennium the University was represented on the following bodies: State Board of Health, State High School Board, State Forestry Board, State Tax Commission, Farmers' Institutes, Stallion Registration Board, State Entomology service, Food and Dairy Commission, State Examining Board for Teachers, State Voting Machine Commission, State Commission to Propose Reforms in Legal Procedure, Committee on Legal Education of the State Bar Association, Board of Examiners of the Minneapolis Civil Service Commission. Three members of the University staff served on the State Efficiency Commission; one of them acted as the official investigator and expert of this body.

*A bureau of statistics.*—The University has established a Bureau of Statistics and placed at the head of it the man who has just retired from the directorship of the United States Census Bureau. It is to be hoped that the State will utilize this bureau to gather accurate statistics of all kinds and cooperate with the various departments which must rely upon statistical data. The gathering and supplying of such material by an expert, disinterested, scientific agency which has no desire save that of discovering and formulating the exact truth is obviously one of the most important functions which a state university can perform. The University of Minnesota is ready and anxious to render to the State and to the public a service of this kind.

## SUMMARY

*Teaching.*—An institution of higher education can do its duty by students only when well-trained, high-minded teachers are working under favorable conditions. An adequate staff and a reasonable ratio of teachers to students are primary necessities. The University of Minnesota for many years has needed more teachers. In spite of recent additions to the faculty the increase

of students has prevented any real improvement in the larger colleges. There must be constant vigilance to prevent the material side of the institution from growing at the expense of true educational development.

*Standards.*—A standard of scholarship is not only a stimulus to individuals but a protection to the community. It is especially true that in professional schools the maintenance of a good standard is a public duty. The social aspects of education are more and more recognized. The various careers for which the state university prepares its graduates are not to be thought of first of all as means of individual success but rather as forms of service to the State. The aim is not to give professional education to the largest possible number, but to graduate enough competent and conscientious persons to meet the needs of the community. The public support of higher education is primarily justified by its contribution to social welfare.

*Research.*—Every institution of higher education needs the invigorating influence of original investigation. A group of scholars must kindle enthusiasm by pushing forward the frontiers of knowledge. The results of investigation may not always have an immediate practical utility, but the history of the growth of human thought shows that investigation is fundamental to all kinds of progress. The University of Minnesota devotes itself primarily to teaching, but it can not do this teaching effectively unless it also fosters, under reasonable conditions, original research.

*Extension.*—The modern university is recognizing its obligations to the whole community. It is devising new ways of reaching individuals and communities. The new idea of university extension goes far beyond the original plan to carry university education of the conventional sort to the public at large. University extension now stands for a wide variety of activities adapted to the needs of many different social groups. Minnesota has made rapid progress in this field and plans to develop those agencies which give promise of greatest usefulness and success.

*The state system.*—The University feels the obligations to cooperate in every way with the educational system of the State as a whole. There can be no thought of domination. The high-school course must be adapted to the needs of the great majority who can not pursue higher education. College and University

must therefore adapt themselves to the high school as a people's college. There should, however, be the closest coöperation between the University and the high schools in the development of courses of instruction, teaching methods, etc. The University has an important duty in the training of teachers for the secondary schools. The diversification of these schools calls for new types of teachers especially in the vocational subjects. The University must, therefore, give conscious attention to providing the professional training which high-school teachers need for their work.

*New plans postponed.*—Minnesota may seem to be developing its work with great rapidity. Much progress has been made, but many important demands can not be met. The introduction of many things must be postponed; for example, full development of courses in commerce provide training for business comparable to professional training for law or medicine; courses in history and appreciation of art; training for many specialized vocations such as librarianship, social service (charity organization secretaryships, playground directorships, Boy Scout leadership), the offering of a normal course for the training of directors of physical education; the preparation of teachers of manual training; the introduction of courses in vocational guidance with a view to preparing people for this important service; a technical course for bakers, an experiment peculiarly appropriate for Minnesota; "short courses" for newspaper men and professional and occupational groups of many kinds. The times make insistent demands for these new forms of activity. The University must guard against extending its work over too wide an area until adequate resources are available, but it must constantly look forward and be alert and responsive to the real and persistent needs of the society which it seeks to serve.

Respectfully submitted,

GEORGE E. VINCENT, *President*



## FINANCIAL REPORT

*To the President of the University:*

SIR: I have the honor to submit herewith a report of the financial operations of the University of Minnesota covering the biennial period ending July 31, 1914.

*The budget.*—Our biennial report of two years ago gave full particulars relative to the preparation and operation of the budget. The system had then been in force one year and had proved satisfactory. The operations of the two years just closed have been successful beyond our expectations and I believe future developments will result in providing budget accounts for regular courses in each laboratory that may be figured per capita, in the separation of experimental from instructional, the adoption of authorizations for each experimental project, and thus permit a closer study of economy and efficiency.

*Purchasing department.*—The supplies for the University are of so varied and special a nature that close coöperation between the departments and the Purchasing Officer is essential to obtain the best results. Generally speaking, laboratory instructors were averse to having their equipment purchased on competitive bids, but results of requested "team play" have demonstrated the success of the system to such an extent that objections now are exceptional. Including the supplies for the dining-halls and dormitories, the purchases during the past year aggregated approximately \$600,000, which has taxed the department to the utmost. With the adoption of authorizations for experimental work, which should include lists of materials required and estimates of cost, the budgeting of laboratory supplies with list of materials required, the carrying of supplies for laboratories, dining-halls, and repairs in the general storehouse, the "rush" items (the source of much overwork) may be greatly lessened and the department relieved.

*The accounting.*—A thorough auditing of the entire system has been made each year by the Public Examiner and an efficiency examination made by a firm of public accountants under the direction of the Auditing Committee of the Regents, and the reports are appreciative and gratifying. It was anticipated that with the completion of the organization, the force might be reduced and permit of deserved increases in salaries within the present budget, but because of the increase in extension work, the enlarged dining-hall service, the introduction of the cost account system, and the increased call for figures, the force should be increased rather than reduced.

*Payment of bills.*—With the coöperation of the State Auditor, State Treasurer, and Public Examiner, the payment of accounts has been expedited as far as possible within the present legal restrictions. I desire to repeat the recommendation of two years ago that the laws be amended and provide for payment of claims by voucher checks issued by the University Business Office, endorsed by the State Auditor, and signed by the State Treasurer. I also desire to repeat my recommendation that

an effort be made to have the law requiring signed pay rolls repealed and that the adoption of the certificate of correctness of heads of departments and Deans be made. The signed pay roll has become a matter of form and is of absolutely no value as a voucher, while the endorsement of the checks issued by the State Treasurer affords a perfect voucher.

*Inventory.*—In compliance with the law an annual inventory has been taken each year for the past three years. This is work of great magnitude, requiring much time that might otherwise be more profitably expended. I should recommend that the law be amended requiring an annual inventory of all expendable supplies and a permanent inventory record of all equipment and apparatus, to be adjusted from time to time with the additional purchases, the reduction of broken, stolen, or lost material and also the reduction of a percentage each year for depreciation, the equipment and supplies in the departments required to be checked by the inventory clerk with the permanent inventory record at regular intervals.

*Storehouse.*—The legislature of two years ago authorized the transfer of \$10,000 from the University Support Fund to a University Stores Fund as a nucleus for the establishment of a storehouse. It was first contemplated to rearrange the old heating plant building for a general storehouse, but as a careful examination developed that the building was unsuitable, the old Medical Chemistry Building was made available. Owing to delays in the completion of the new Chemistry Building, the Medical Chemistry Building will not be vacated until about the first of September, 1914. The organization, however, is practically completed. In conjunction with the storehouse, it is proposed to organize a storehouse office to take over practically all of the accounting with reference to repairs, buildings, etc., heretofore handled in the office of the Superintendent of Buildings and Grounds. The authorization and cost account system has been adopted.

*Heating Plant.*—Within the last two years a new heating plant has been erected at the University and the last legislature appropriated \$26,000 for an addition to the heating plant at the University Farm. Still it is necessary to ask for appropriations for additions to the plants at both places—a fact which requires explanation.

The following is a statement of funds made available for the University Plant:

Appropriation August 1, 1909.....	\$100,000.00
Appropriation August 1, 1910.....	50,000.00
Appropriation August 1, 1911.....	50,000.00
Appropriation August 1, 1912.....	35,000.00
Assessed against Chemistry Building Fund..	10,000.00
Assessed against Biology Building Fund....	10,000.00
Receipts from sale of sand from the tunnel and equipment used in the construction of the tunnel .....	1,146.68

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\$256,146.68

Expended as follows:

Tunnel piping and equipment, including increased size on account of additional building .....	\$60,108.77
Preparation of site and coal storage.....	20,391.41
Power house .....	39,079.70
Boilers and setting .....	48,190.10
Smoke stack .....	8,835.54
Breeching .....	8,288.90
Coal and ash-handling devices.....	10,483.15
Deep tunnels .....	34,916.34
Subsurface tunnels .....	6,740.28
Chemistry Building tunnel.....	9,405.52
Architect's fees and engineer's fees.....	7,897.85
Advertising and miscellaneous.....	1,809.12
	\$256,146.68

It was estimated that deep tunnels could be constructed for approximately \$20,000 and subsurface tunnels for \$6,000. An estimate of the cost of an up-to-date heating plant with adequate piping was \$250,000.

I am informed that the appropriation asked for for 1912 was \$60,000, but that the amount was reduced to \$35,000. The cost of constructing the tunnels was \$15,656 in excess of the estimate. It was apparent that the plant as originally contemplated could not be constructed within the appropriation and considering future economy, it was decided to install an adequate steam-pipe system including a 14-inch high-pressure main to care for future growth and erect only a part of the building, reducing the number of boilers to the limit of the funds. The plant, with the rated overload, will take care of the present requirements, but, with the buildings in course of construction, will be inadequate. The very least with which we can get along is two additional boilers, which necessitates an extension of the present building.

The plant at the University Farm in the winter of 1910 consisted of three 100-h.p. and four 150-h.p. hand-fired boilers, which supplied steam for generating electricity and pumping water supply in addition to heating. The capacity was inadequate and in 1911 an appropriation of \$14,700 was made for power-house alterations and repairs. Two additional 150-h.p. boilers were installed. The boiler house was too small to accommodate additional units and the roof too low to permit of units of larger capacity. In 1913 an appropriation of \$26,000 was secured to extend the building and purchase additional units.

The wing of the boiler house in which the machinery was installed was old, of wood construction, and was criticized by the Insurance Commissioner's Inspector to the extent of insisting that the hazard be eliminated. A conference of engineers was held and, after careful consideration, it was decided to use the present boiler room for an engine room and make the addition to the plant of sufficient capacity to install larger units. The following is a statement of the funds involved in the work:

Appropriation available July 31, 1914.....	\$26,000.00
Appropriation available July 31, 1912, balance.	3,474.99
Balance appropriation water mains.....	456.26
Balance appropriation heating tunnels.....	319.51
Balance appropriation coal bunkers.....	186.35
Balance appropriation sewers.....	27.25
From appropriation repairs.....	1,881.74
From Mechanic Arts equipment.....	7,152.52
From Grading Fund.....	1,275.53
From sale of boilers, etc.....	105.00
From Support .....	545.40

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\$41,424.55

Expended as follows:

Grading, new addition, and repairs.....	\$12,319.62
Boilers, breeching, chain grates and setting....	19,693.27
Pipe connections, tunnels, etc.....	3,431.11
Machinery, electric wiring.....	3,711.66
Plans and inspection.....	1,579.53
Miscellaneous and unclassified labor.....	689.36

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\$41,424.55

While this deviates somewhat from the plans when requesting the appropriation, it seemed the economic thing to do, as a comparison of the operation of the old plant with that of the University's up-to-date equipment will readily show. The cost for heating at the University for 1913-1914 was 13 cents per cubic yard and at the University Farm was 17.7 cents per cubic yard. These figures include heating, electricity, and water for both plants.

The cost of coal and labor for heating only was 10 cents per cubic yard at the University and 14.16 cents per cubic yard at the University Farm. The percentage of increase, when figuring the total cost, is 36 per cent; when figuring heating only is 41 per cent. The total cost of fuel at the University Farm was \$36,931.23.

As the plants do not differ in any material respect, we feel certain that the new plant at the University Farm will develop the same results as the University equipment. The available funds would not permit of providing for more than the present needs and it is necessary to extend the building and provide additional units.

*Campus extension fund.*—Chapter 359, G. L. 1907, provided for a tax levy of \$175,000 each year for four years for the acquisition of property for the extension of the University campus and the erection of Engineering buildings and laboratories to cost not to exceed \$250,000 and also authorized the sale of certificates of indebtedness. This was amended by Chapter 480, G. L. 1909, providing for an extension of the tax levy from four years to six years. There was also appropriated, Chapter 14, G. L. 1911, \$75,000 for increased cost of the Engineering buildings. Reports have been made from time to time on the progress

of the Campus Extension and the erection of the Engineering buildings, but, inasmuch as the work has all been completed within the biennium, it seems proper to include a résumé of the account as follows:

Credits:

Total tax collections.....	\$1,051,624.93	
Sale of certificates.....	716,099.99	
Sale of houses.....	24,753.06	
Appropriation increasing Engineering buildings .....	75,000.00	
Return of money temporarily withdrawn to make tender of appraisal—condemnation proceedings.....	41,154.73	
Interest on certificates—appropriation Chapter 238, G. L. 1911.....	39,300.00	
		\$1,947,932.71

Expenditures:

Vouchers covering purchase of property for Campus Extension.....	\$755,152.81	
Lease cancellations .....	870.00	
Money withdrawn from State Treasurer's office for making tender of appraisal—condemnation proceedings—and later returned to State Treasurer's office.....	41,154.73	
Redemption of certificates of indebtedness .....	802,142.74	
Legal expenses, including condemnation proceedings, abstracts, etc.....	18,819.11	
Plans—Architects' Competition .....	5,454.89	
Buildings:		
Main Engineering Building.....	214,514.77	
Experimental Engineering Building..	106,221.67	
Transferred to Engineering Equipment Funds to reimburse for expenditures for mechanical equipment, Paragraph 26, Chapter 402, G. L. 1913 .....	3,601.99	
		\$1,947,932.71

*Elliot Hospital Site Fund.*—At a special meeting of the Board of Regents held February 20, 1907, it was voted to accept from certain citizens of Minneapolis donations to the University of Minnesota to be used in purchasing a site for Elliot Hospital. The donations aggregated \$40,200.00, which when supplemented by interest amounting to \$948.01, amounted to \$41,148.01, which was expended as follows:

Purchase of site.....	\$35,517.70
Building retaining wall at Elliot Hospital....	3,412.28
Constructing root cellar.....	1,760.19
Bronze tablet Elliot Hospital.....	245.79
Grading at Elliot Hospital.....	212.05

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\$41,148.01

In connection with the expenditure of this fund for retaining walls and root cellar, it should be explained that the acquisition of property for the Elliot Hospital site was just prior to the extension of the campus. Elliot Hospital was erected by the Elliot Memorial Fund supplemented by a gift from W. J. Trask. After the purchase of property for the Greater Campus, it was proposed to change the site for the hospital and, in return for the property purchased under the Elliot Hospital Site Fund, the Board of Regents secured from the Legislature (see Paragraph 4, Section 35, Chapter 375, G. L. 1909), \$40,000 to contribute to the erection of the Hospital. In consideration of the facts, the Regents and the State Auditor agreed to the disbursement of the balance of the Hospital Site Fund as indicated above.

*Advance of mill tax.*—For years prior to 1911 the University was obliged to negotiate loans to meet the May pay rolls and expense bills. To avoid this, Paragraph 21, Chapter 238, G. L. 1911, authorized the State Auditor and the State Treasurer, the General Revenue Fund permitting, to advance, on or after May first, to the University Support Fund an estimate of the twenty-three hundredths mill tax levy, the same to be charged back as soon as collections were available.

An advance of \$100,000 was made in May, 1911, which, together with tax collected, was practically all expended before the close of the year and the amount advanced not charged back until the following year. This would have resulted in a shortage of \$100,000 in the budget unless an advance were made and, but for the fact that a reserve is maintained and expenditures of departments restricted to their allotments in the budget resulting in many small balances aggregating quite a large amount, and also reservations to cover bills payable, it would be as necessary to borrow as before the provision was adopted.

There is no doubt as to the correct interpretation of the law. The question was submitted to the Attorney General, the State Auditor, and the Chairman of the Finance Committee and all were agreed that the making of the advance and the expenditure of the entire amount was justified.

The fact that the State Auditor, shortly after July first, receives Government Funds aggregating \$57,500 credited to the Support Fund, together with balances reserved for bills payable, enables his office to charge the advance back before the close of the fiscal year. As, on the University books, each Government Fund is a separate account, the Support Fund does not show a sufficient balance to cover the advance until after the close of the year. This has given rise to some controversy

and I should recommend that any unappropriated balance remaining in the Support Fund at the close of each year, be applied to reduce the advance.

*University trolley line.*—The Legislature of 1913 appropriated \$60,000 for a trolley line to connect the University Campus with the University Farm Campus and to provide a freight connection for the latter.

In preparing the estimate for the appropriation, the right-of-way was figured at \$1,000 per acre, nine acres, \$9,000. Negotiations with property owners developed that the purchase could not be made within the estimate. In fact, some of the land owners refused to consider selling at any price, so condemnation proceedings were instituted. The attorneys representing the land owners attacked the validity of the appropriation, claiming the same, together with the Act empowering condemnation, unconstitutional. The case in the District Court was decided in favor of the State and appraisers were appointed. An appeal was made to the Supreme Court and the order of the District Court was affirmed. With quite a reduction in acreage, the actual cost of the right-of-way, not including the expense of litigation, was \$14,894. The cost of litigation was \$4,964.82 and, on account of a change in the location of the right-of-way to save track expense and further litigation, the grading was increased approximately 13,500 yards, costing \$2,981.45. The estimate of the mill tax had been conservative and it was apparent that there would be a surplus in the Support Fund which enabled us to proceed with the construction without a deficit.

*NOTE.*—At the date of preparing this report (December 1, 1914), the passenger line has been in operation for twenty days and the receipts have averaged \$35 per day—nearly double the expectations—and no change has been made in the schedule of classes, which, in many instances, conflicts with the passenger schedule. The project is an assured success. The Board of Control called for bids on coal delivered by team as heretofore and also delivery in car lots to the "College Spur" and the difference was fifty cents per ton. The cost by trolley will not exceed fifteen cents per ton—a net saving of at least \$3,000 per year.

The passenger fares established by the Board of Regents are as follows:

"Fares other than paper transportation, 5 cents. Paper transportation, Campus to Campus, six fares for 25 cents; fifty for \$2. From junction of Como and Eustis to the University or University Farm or return, eight fares for 25 cents; fifty fares for \$1.50. No paper transportation to be sold to anyone not connected with the University. Paper transportation to be good for the holder of the book only."

*Insurance and inspection.*—Chapter 549, G. L. 1913, provides that on and after August 1, 1913; the Board of Regents *et al.* having charge of any public buildings or property belonging to the State shall report to the Commissioner of Insurance each policy of insurance in force upon any property belonging to the State and provides for the insurance by the State of all state property. A very careful inspection of all Univer-

sity buildings and property was made by an experienced representative of the Insurance Commissioner's office, whose report of conditions and recommendations was carefully examined, found helpful, and followed in detail without any exceptions. A system of monthly inspections and reports by exchange of janitors and a general university inspector has been inaugurated, which has been working extremely well. At first there was some opposition among the janitors to inspecting each other's buildings, but this has been gradually overcome and now a lively interest is being taken in the work.

*Fires.*—On February 14, 1913, the School of Mines Building burned, entailing an appraised loss of of \$26,939.00 on building and \$13,441.83 on contents. The building was of frame construction with brick outside walls. It was the general opinion that the fire was caused by defective wiring. The entire loss was covered by insurance. The building has been rebuilt of fire-proof construction throughout for the College of Education.

One small campus house, destroyed by fire, was also fully covered by insurance. Since the insurance has been carried by the State there have been two reports of slight fires. The repairs aggregated less than \$300.

*Inspection by the State Bureau of Labor.*—Following the report of the Inspector, the portcullis door in the Armory has been removed and hinged doors, operated by automatic fire latches, and also fire escapes with automatic doors over same, have been installed. Various equipment, not protected by safety appliances, has been protected as suggested by the Bureau.

*Elevators.*—With but one exception elevators in the University buildings are operated automatically without attendants. Theoretically, doors leading to the elevators would not open unless the elevator were at the floor where the electric contact was made by a push button. It developed, however, that, unless the door were closed and the latch caught, the door might be opened when the elevator was not there. University mechanics originated a device correcting this difficulty, which has been applied to all automatic elevators. The City Inspector has no control over University elevators but as a courtesy has made inspections and reports the same as are made in city buildings. Inspections are also made by the State Bureau of Labor.

*Leases.*—In September, 1913, two lots facing on Wabasha Street, St. Paul, bequeathed to the University by the Honorable John D. Ludden, were leased to Alexander and Isaac Summerfield for a period of ninety-nine years at a yearly rental of \$3,000. The terms of the bequest provide that the income be used to aid worthy students.

In April, 1914, lots in Regents' Addition (remnants of the original Agricultural Farm near the University) were leased to the Russell-Grader Manufacturing Company for ninety-nine years at an annual rental of \$750. The income is available for agricultural purposes. Both of the above leases provide for a reappraisal of the property at the end of each twenty-five-year period.



*Campus rents.*—The rents from campus houses are appropriated for the maintenance of the campus. During the biennium twenty-four houses have been removed to provide space for new buildings, thereby greatly reducing the income. Furthermore, on account of the condition of the houses, it has been necessary to expend for repairs the following sums: in 1912-1913, \$3,543.06; in 1913-1914, \$2,336.22. It will be necessary the coming biennium to supplement the receipts with an appropriation to maintain the campus.

THE UNIVERSITY TRUST FUNDS

Prepared by D. W. Sprague

THE GILFILLAN TRUST FUND

This fund of \$50,000 is the gift of the Hon. John B. Gilfillan, of Minneapolis, to the University of Minnesota, the income of which is used either as a gift or loan to university students who are residents of Minnesota. The fund is invested in Minneapolis, St. Paul and Sault Ste. Marie Railway Company's bonds drawing four per cent interest payable semi-annually. The income only is loaned to students in amounts not exceeding \$200 to any one person in one year at the rate of five per cent interest.

CLASSIFICATION OF STUDENTS WHO HAVE RECEIVED AID FROM THIS FUND

Number of men who have received aid from this fund.....	238	
Number of women who have received aid from this fund....	78	
		316
Total .....		
Number receiving short or temporary loans.....	64	
Number receiving long loans.....	252	
		316
Total .....		
Total amount loaned from this fund to July 31, 1914 .....	\$40,556.00	
Less amount of short or temporary loans to students .....	2,187.50	
		\$38,368.50

NOTE.—The short or temporary loans have all been paid but \$83.00. The remainder of this report will be confined to the long loans.

STATEMENT OF RECEIPTS AND DISBURSEMENTS

	RECEIPTS		Total receipts
	Interest on bonds	Collections from students	
Balance on hand August 1, 1912 .....			\$1,760.70
For year ending July 31, 1913..	\$2,000.00	\$3,535.33	5,535.33
For year ending July 31, 1914..	2,000.00	3,959.11	5,959.11
			Total receipts .....
	\$4,000.00	\$7,494.44	\$13,255.14

## EIGHTEENTH BIENNIAL REPORT

## DISBURSEMENTS

	Loans to students	Total disbursements
For year ending July 31, 1913.....	\$5,057.50	\$5,057.50
For year ending July 31, 1914.....	4,067.50	4,067.50
Total disbursements .....	\$9,125.00	\$9,125.00
Total receipts .....	\$13,255.14	
Less total disbursements.....	9,125.00	
Balance on hand August 1, 1914.....		\$4,130.14

## CLASSIFICATION OF LOANS BY NUMBERS AND BY AMOUNTS

The principal only is considered in this classification.

	Number of loans	Amount paid	Unpaid	Total
Total number of loans and amount loaned .....	252			\$38,368.50
3 students have received gifts. ....			\$650.00	
81 students have paid loans in full .....		\$9,398.00		
50 students have paid loans in part .....		2,304.49	7,812.59	
*59 students have paid no part of principal .....			10,211.00	
59 loans are not yet due.....			7,992.42	
	252	\$11,702.49	\$26,666.01	\$38,368.50
Total collections from students.			\$18,775.73	
Collections of long loans.....		\$11,702.49		
Collections of short loans.....		2,073.50		
Collections of interest.....		4,999.74	18,775.73	

## THE ELLIOT SCHOLARSHIP LOAN FUND

This fund of \$5,000 is the gift of Mrs. Mary H. Elliot, wife of Dr. A. F. Elliot, of Los Angeles, California, but formerly of Minneapolis, to the University of Minnesota, the income of which is used as a loan fund for assisting students in the School of Mines. The loans are made to students on their notes but without interest, in amounts from \$25 up to \$200 each. The annual income from the fund is at present \$200. The fund remained in the hands of Mrs. Elliot from 1901—the year the gift was made—until her death which occurred in 1904; the income received was \$250. Since her death, the fund has been reinvested in Northern Pacific four per cent bonds.

\* Although students of this class have paid no part of the principal of their loans yet, the interest on their loans has been fairly well kept up.

FINANCIAL REPORT

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STATEMENT OF RECEIPTS AND DISBURSEMENTS

RECEIPTS			
	Interest on bonds	Collections from students	Total receipts
Balance on hand August 1, 1912.....			\$879.01
Interest on bonds for year ending July 31, 1913.....	\$200.00	\$215.35	415.35
Interest on bonds for year ending July 31, 1914.....	200.00	200.63	400.63
Total receipts .....	<u>\$400.00</u>	<u>\$415.98</u>	<u>\$1,694.99</u>

DISBURSEMENTS		
	Loans to students	Total disbursements
For year ending July 31, 1913.....	\$80.00	\$80.00
For year ending July 31, 1914.....	500.00	500.00
Total disbursements .....	<u>\$580.00</u>	<u>\$580.00</u>
Total receipts .....	\$1,694.99	
Less total disbursements.....	580.00	
Balance on hand July 31, 1914.....		\$1,114.99
Loans paid to July 31, 1914.....	\$1,915.00	
Loans outstanding to July 31, 1914.....	1,655.00	
Total loans made.....	<u>3,570.00</u>	\$3,570.00

THE LUDDEN TRUST FUND

This fund of \$10,000 is the gift of the Hon. John D. Ludden, of St. Paul, to the University of Minnesota, the income of which is used to aid students of the School of Agriculture. The fund is invested in Northern Pacific four per cent bonds. The annual income is, therefore, \$400. Mr. Ludden's wish and purpose was, that the income be used for gifts to worthy students and it was so used from 1902 to 1910. Upon a careful examination of the language used by Mr. Ludden in making the gift, it was discovered that the Board of Regents was empowered to make such rules and regulations in regard to the matter as it thought best. The Board had for some time realized that as a means of developing character and encouraging thrift, a loan was more efficacious than a gift; a number of the students were of the same opinion, refusing to accept gifts and insisting upon giving their notes for the loans they made. Since 1910 the Regents have pursued a different policy: the income from the fund is now being loaned to its beneficiaries upon their notes drawing five per cent interest.

## CLASSIFICATION OF STUDENTS WHO HAVE RECEIVED AID FROM THIS FUND

Number of students who have received gifts only.....	16
Number of students who have received loans only.....	35
Number of students who have received both gifts and loans... ..	6
Total number of beneficiaries.....	57

## STATEMENT OF RECEIPTS AND DISBURSEMENTS

## RECEIPTS

	Interest on bonds	Collections from students	Total receipts
Balance on hand August 1, 1912.. .. .			\$672.30
Receipts for the year ending July 31, 1913 .....	\$400.00	\$316.77	716.77
Receipts for the year ending July 31, 1914 .....	400.00	126.88	526.88
Total receipts .....	\$800.00	\$443.65	\$1,915.95

## DISBURSEMENTS

	Loans to students	Total disbursements
For year ending July 31, 1913.....	\$530.00	\$530.00
For year ending July 31, 1914.....	785.00	785.00
Total disbursements .....	\$1,315.00	\$1,315.00
Total receipts .....	\$1,915.95	
Less total disbursements.....	1,315.00	
Balance on hand August 1, 1914.....		\$600.95

## CLASSIFICATION OF DISBURSEMENTS

	Gifts	Loans
Amount paid to students who have received only gifts .....	\$880.00	.....
Amount paid to students who have received only loans .....	.....	\$2,975.00
Amount paid to students who have received both gifts and loans.....	420.00	765.00
	\$1,300.00	\$3,740.00
Total gifts and loans.....		\$5,040.00
Outstanding loans, July 31, 1914.....	\$3,115.00	
Loans which have been paid in full (includ- ing four gifts).....	800.00	

## THE GIDEON MEMORIAL PRIZE FUND

The State Horticultural Society contributed \$500 as a memorial of the late Peter M. Gideon, one of the pioneers in developing new varieties of fruit of Minnesota and the originator of the Wealthy apple. The fund is invested in the City of Grand Rapids five per cent bonds. The income, which is \$25, is used for prizes in the Department of Horticulture of the College of Agriculture. Prizes are awarded for the best three essays on some subject relating to Horticulture. For the best essay, \$12.00; the second best, \$8.00; the third best, \$5.00.

## RECEIPTS

Balance on hand August 1, 1912.....		\$15.05
Annual interest for year ending July 31, 1913..	\$25.00	
Annual interest for year ending July 31, 1914..	25.00	50.00
Total receipts .....		<u>\$65.05</u>

## DISBURSEMENTS

Paid three prizes in checks in 1913.....	\$25.00	
Paid three prizes in checks in 1914.....	25.00	50.00
Balance on hand July 31, 1914.....		<u>\$15.05</u>

## THE SHEVLIN FELLOWSHIPS

The Fellowship Fund, amounting to \$40,000, is the gift of the Hon. Thomas H. Shevlin, of Minneapolis. Its object is the establishing of four fellowships of \$10,000 each at the University of Minnesota. The fellowships agreed upon are: one Academic, one in Agriculture, one in Chemistry, and one in Medicine. The person receiving the appointment to a fellowship is entitled to the income of \$10,000, which is \$500 a year.

The fund is invested in Shevlin-Matthews Lumber Company bonds drawing five per cent interest, payable semi-annually, \$1,000 in August and \$1,000 in February, of each year. The first income from the fund was received on February 1, at the commencement of the second semester, when four fellows were appointed for the year 1910-1911, but the appointments came so late that only two of the four appointed were able to accept.

## STATEMENT OF RECEIPTS AND DISBURSEMENTS

## RECEIPTS

Balance on hand August 1, 1912.....		\$500.00
Total income for the year 1913.....	\$2,000.00	
Total income for the year 1914.....	2,000.00	4,000.00
Total receipts .....		<u>\$4,500.00</u>

## EIGHTEENTH BIENNIAL REPORT

## DISBURSEMENTS

Paid four fellows appointed for 1913, each \$500	\$2,000.00	
Paid four fellows appointed for 1914, each \$500	2,000.00	
	<hr/>	
Total disbursements .....		4,000.00
		<hr/>
Balance on hand August 1, 1914.....		\$500.00

## THE LUDDEN ESTATE LOAN FUND

When the will of the late John D. Ludden, of St. Paul, was probated, it was found that certain real estate and personal property consisting of stocks, mortgages, notes and rents had been willed to the University of Minnesota. This bequest was made especially for the benefit of those students who need financial assistance in their work at the University. There has been a large demand during the last three years for temporary loans of limited amounts to tide the student over until he could hear from home, realize on some property, collect salary due or for some other good and sufficient reason. For these reasons it was decided to use this fund, especially the personal property, for this class of loans.

The notes, mortgages, rents, etc., were collected when due and the proceeds invested in Minnesota bonds as follows:

7 per cent Town of Partridge bonds.....	\$6,000.00	
5 per cent Biwabik School District bonds.....	3,000.00	
5 per cent Lac qui Parle County bonds.....	800.00	
	<hr/>	
Total .....		\$9,800.00

The annual interest on these bonds is \$620. This plan has been in operation since January 1, 1913.

## RECEIPTS

	Interest on bonds	Collections from students	Total receipts
Amount available for loans to July 31, 1913.....	\$874.83	\$485.27	\$1,360.10
Interest on bonds for year end- ing July 31, 1914.....	620.00	2,029.38	2,649.38
	<hr/>	<hr/>	<hr/>
Total receipts .....	\$1,494.83	\$2,514.65	\$4,009.48

## DISBURSEMENTS

Loans to students for year ending July 31, 1913 .....	\$633.75	
Loans to students for year ending July 31, 1914 .....	2,196.35	
	<hr/>	
Total loans to students.....		\$2,830.10
		<hr/>
Balance on hand August 1, 1914.....		\$1,179.38

Of the real estate named above, two parcels, namely, lot 11 and lot 48, both situate in Auditor's Subdivision No. 10, St. Paul, have been leased to Messrs. Summerfield Bros. of St. Paul for a period of ninety-nine years, commencing in September, 1913, at an annual rental of \$3,000, payable quarterly in advance on a valuation of \$50,000; a reappraisal to be made at the end of each twenty-five years. The amount received on the lease to July, 1914 is \$3,000. No disposition has, as yet, been made of the income.

#### THE ALBERT HOWARD SCHOLARSHIP FUND

This fund of \$4,000 is the gift of the Hon. James T. Howard, of St. Johnsbury, Vermont, to the University of Minnesota, for establishing a scholarship to be known as the Albert Howard Scholarship, in memory of his son Albert Howard. The fund is invested in Colorado Irrigation bonds drawing six per cent interest. This scholarship is awarded to graduate students of the College of Science, Literature, and the Arts and amounts to \$240 a year.

#### THE WILLIAM JENNINGS BRYAN PRIZE FUND

This fund of \$250 is the gift of the Hon. William Jennings Bryan to the University of Minnesota for the encouragement of studies in Political Science. The fund, originally \$250, has been kept constantly on interest; some years there were no competitions for the prize; hence no rewards. As a result, the \$250 and the accumulated interest, at present amounts to \$354.45. This sum is invested in Lac qui Parle County five per cent bonds. The annual interest is \$17. The income from the fund will be awarded quadrennially instead of annually as heretofore, as a prize to the writer of the best essay upon a subject previously assigned connected with Political Science.

#### THE ROLLIN E. CUTTS MEMORIAL FUND

This fund of \$500, is the gift of Dr. Mary E. Smith Cutts in memory of her husband, the late Dr. Rollin E. Cutts, '91 Medical, to the University for the purpose of establishing and maintaining a prize in the Medical School. The fund is invested in Lac qui Parle County bonds drawing five per cent; the income is awarded in the form of a gold medal to that member of the senior class of the Medical School who presents the best thesis showing original work upon some surgical subject.

#### THE JOHNSON MEMORIAL FUND

This fund of \$19,300 was raised by citizens of the State of Minnesota to establish a memorial of the late Governor John A. Johnson, the widow of the deceased having a life interest in the income therefrom. After her decease the income will be paid to the University of Minnesota. \$10,000 of this fund is invested in Linn-Lane Timber Company six per cent bonds; \$9,300 in Northern Pacific seven per cent stocks. The total income is \$1,251.

*To the Comptroller of the University of Minnesota:*

Sir: Herewith please find a report describing very briefly the investigation of University lands.

*Land records.*—All available sources of information both in the keeping of the University and on file or of record in the office of the State Auditor and elsewhere, have been examined thoroughly and critically.

Two records were available in the University Business Office: one, the older, inscribed "University Lands, State of Minnesota"; the other, inscribed "Land Record, State of Minnesota" and containing in part matter transferred from the former. These records have been carefully examined and indexed, and for the purpose of easy identification, have been designated as Land Record No. 1 and Land Record No. 2.

The information contained in the records was so scattered and incomplete as to make them practically valueless; so a new record was made in the back part of Land Record No. 2, with subdivisions as follows:

1. All Salt Spring lands now unsold.
2. As much of Regents' Addition to Minneapolis as is yet owned by the University.
3. The "Free Dispensary" property in Hancock & Rice's Addition to Minneapolis.
4. The University Campus.
5. The University Farm.
6. The several Experiment Stations.
7. The Ludden estate properties.
8. The lands conveyed by Mrs. Mahala F. Pillsbury to the Minnesota State Forestry Board, in the income from which the University is vested with a two-thirds interest.
9. The University Lands unsold January 1, 1913.
10. The Mineral Leases in force and canceled, November 1, 1912.

The record thus prepared contains detailed legal descriptions and plats of the land holdings of the University. It further traces the history of their origin and growth as far as possible by instruments of conveyance, furnishing in each instance a ready reference to the original document, by stating the details of its filing and recording. While the data thus given may be considered as exhaustive and complete as the occasion calls for, the record itself is hardly in a form to be called permanent. This applies with particular force to that portion of it containing the Salt Spring and "University" Lands and the Mineral Leases; for the arrangement of the record is not adapted to a continuous financial history extending over a period of years, such as in all probability will be found necessary.

*Land holdings.*—Of the public lands which from time to time have been granted to the State for the benefit of the University, there remained on January 1, 1913, 18,826.07 acres, commonly known as "University" lands, and 4,625.64 acres known as Salt Spring lands. The former are being handled by the State Auditor and sold at public sale as other state lands. The Salt Spring lands, on the contrary, are under



the exclusive management and control of the Board of Regents, and no sale thereof has been made since the year 1900, when a small tract was disposed of, the mineral rights, however, being reserved by the University.

*Land shortages.*—The University is a creditor of the United States on account of losses sustained under the various land grants, as follows:

	Acres
Salt Spring Lands (grants of February 26, 1857, and March 3, 1879) .....	1,159.28
"University" Lands (grant of February 19, 1851, confirmed by act of March 2, 1861) .....	712.61
Agricultural College Lands (grant of July 2, 1862) .....	16.84
Due from the State of Minnesota .....	240.13

*New land selections.*—Although it was known for years that a discrepancy existed in the Salt Spring Lands Grant of 1857 in favor of the University, no serious attempt to recover this loss seems to have been made. The Commissioner of the General Land Office took the ground that, under the grant, the State had forfeited its right of recovery by not selecting new lands within three years after the passage of the act. And this view was maintained up to a very recent period. It was, in fact, only after evidence of opinions and decisions by the Secretary of the Interior and the Courts, reversing the Commissioner on this point, had been prepared and submitted to the present Commissioner, that this objection was withdrawn, and the road opened to a consideration of the University's claim upon its merits.

In the case of the "University" lands, no action to recover from the United States for losses sustained appears to have been taken previous to the measures now pending.

*Agricultural College Lands.*—Under the congressional grant of July 2, 1862, entitling the State to receive 120,000 acres, selections were made and approved amounting to 120,003.64 acres. Of this quantity the State has received all but 16.84 acres. The State Auditor considers this shortage too small to justify measures for its recovery, a view in which you also concur, and I have consequently not taken any further steps in the matter.

*Internal Improvement Lands.*—In 1891 the Legislature directed the transfer of Internal Improvement Land contracts to the amount of \$25,000 to the Permanent University Fund. This was done, but in course of time the fund was overcharged in an amount corresponding to 240.13 acres, and the University consequently was entitled to said quantity of lands or its equivalent, from the State. On December 21, 1914, the State Funding Commission took the matter under advisement, and authorized the transfer of \$1,079.65 in cash to the Permanent University Fund, thus making good the deficiency.

*Salt Spring and "University" Lands selections.*—For the purpose of recovery of the lands lost to the University as above set forth, selections of other vacant public lands were necessary. Salt Spring and

"University" lands now owned by the University being situated in the northeastern part of the State, it was considered desirable to make the new selections in the same territory. A further reason was the possibility of striking mineral lands; and, whenever possible, the new lands were selected with this end in view.

The selections, when finally made in due form, aggregate 1,145.97 acres and 712.32 acres respectively, and are embodied in four lists, of which all are now before the General Land Office awaiting its approval. As all the requirements of the said office apparently have been complied with, there is reason to believe that the lists in due course of time will be approved and certified to the State.

*Salt Spring Lands in contract.*—Of Salt Spring Lands still in contract, there remains only one tract of 80 acres (the N $\frac{1}{2}$ NE $\frac{1}{4}$  Sec. 33, Township 125, Range 48 in Traverse County) which was sold in 1892, and on which \$434.00 of the principal now is due.

*Salt Spring Lands titles.*—Arising from the sale, a number of years ago, of standing timber on certain Salt Spring lands, the title to these lands had become clouded in various ways, and taxes assessed against them. In order to clear the title, the proper authorities were petitioned for cancellation of taxes, and several quit-claim deeds also were procured. All the defects have thus been removed, and the title to all the above lands is good of record as well as in fact.

*New record.*—The University having heretofore been without direct information about the documents affecting its real estate holdings of which the State Auditor is the legal custodian, all material of this nature has been examined and listed in a record to be kept at the Business Office and posted from time to time, as occasion may require.

*Examination of Salt Spring Lands.*—In conclusion allow me to suggest that a systematic and expert examination be made of the Salt Spring lands belonging to the University, with a view of ascertaining not only their present condition and value, but also for the purpose of determining what, if anything, can be done to make them productive, or, at least, to preserve in a measure the natural resources which they now may possess. In the present state of affairs, there is no information available bearing upon the question, if, for instance, reforestation of these lands is possible. The original growth of timber having been cut down some thirteen years ago, it may be assumed that what is left can not be of much account. But it would, on the other hand, seem worth the while to collect material for definite conclusions on this subject, and also as to the possibility of repairing the ravages made by fire and insects and by man.

Respectfully submitted,

LUTH JAEGER

KEY TO MAP OF THE NEW CAMPUS

Blocks numbered in large inside figures.

Lots numbered in small figures outside the block lines.

Original lots indicated by thin lines.

Heavy lines bound the tracts as acquired.

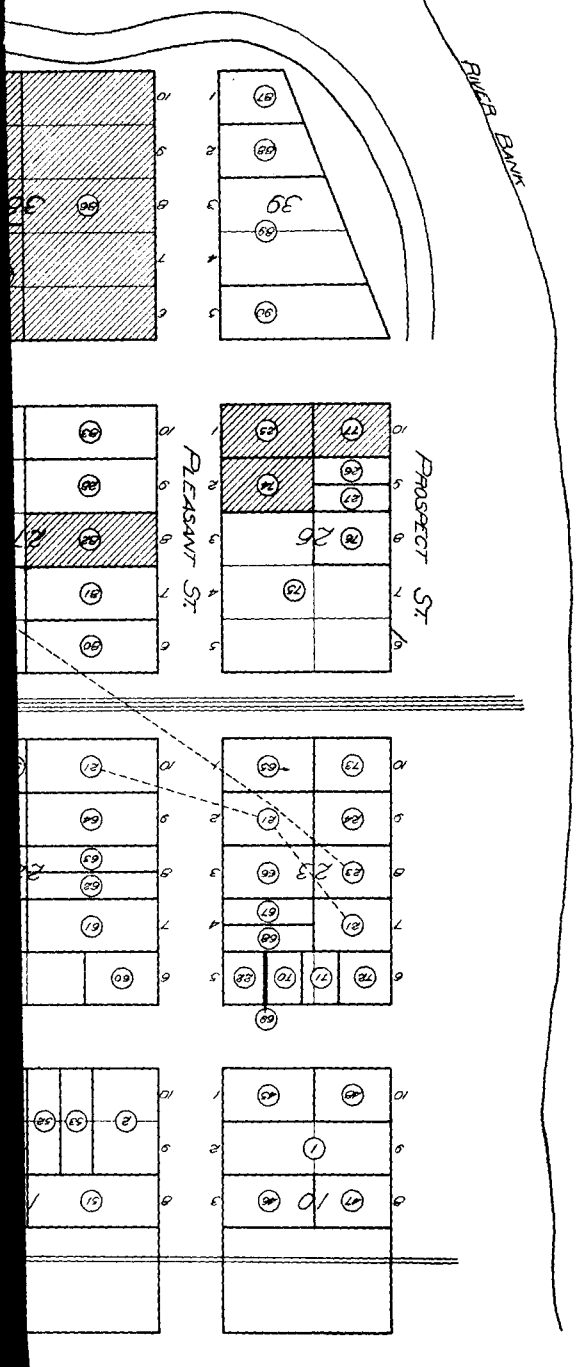
Figures in a circle refer to the various transactions by which the respective tracts were acquired. They are duplicated in the subjoined description which, besides giving consecutively the number of each item as above, states the principal grantor's name and the price paid in each instance.

The dotted lines, connecting two or more tracts marked with the same encircled number, indicate that said tracts were acquired in one transaction. In such case, the descriptive matter is given once only.

1. Thomas W. Pierce	\$3,200.00	28. James R. Canter-	
2. Eliza S. Smith....	6,000.00	bury .....	\$1,600.00
3. Martha R. Pattee..	4,800.00	29. Joseph B. Pike....	7,250.00
4. Annie Ryan .....	9,300.00	30. Carl Schlenker....	7,500.00
5. Frank R. Watts....	4,950.00	31. Edward M. Free-	
6. Swan Nelson .....	11,425.00	man .....	2,500.00
7. Frank M. Durgin..	2,500.00	32. Asher E. Morris...	4,200.00
8. Malin Johnson ....	4,400.00	33. Anthony F. Elm-	
9. Frederick Brink-		quist .....	5,700.00
man .....	4,000.00	34. William L. Fahey..	4,000.00
10. Henry L. Moeller..	5,150.00	35. William D. Crow-	
11. Frederick Erkel...	4,750.00	ley .....	3,200.00
12. Israel W. Cone...	4,750.00	36. Iver Sundby .....	3,550.00
13. Hardwood Mfg.		37. Mary J. Crawford..	3,200.00
Company .....	4,250.00	38. Elmer F. Altman..	3,600.00
14. Fritz J. Young....	10,000.00	39. Gottlieb Bodamer..	3,400.00
15. Henry A. Erickson	5,100.00	40. Katherine A. Bak-	
16. John A. Gonestead	5,300.00	er .....	2,350.00
17. Grace J. Ripley...	5,100.00	41. Mamie Porsch....	4,200.00
18. Thomas A. Kelley..	13,500.00	42. George M. Bleecker	5,250.00
19. Julia Ofstie .....	4,750.00	43. Michal J. Shelley..	1,280.35
20. James R. Canter-		44. Michal J. Shelley..	2,560.70
bury .....	8,338.25	45. Margaret Cullen..	7,239.16
21. Edna Kruse .....	4,200.00	46. Jennie Estabrook..	2,010.00
22. Fred B. Chute....	2,500.00	47. John Cullen .....	2,010.00
23. Hattie W. Lonc-		48. Elizabeth Cullen...	2,518.75
gan .....	2,100.00	49. William Kerchner..	11,588.39
24. Sewall M. Parker..	1,150.00	50. Newton H. Win-	
25. Sarah P. Gale....	Donated	chell .....	9,784.24
26. U. S. Inst. Realty		51. I. W. Switzer....	5,700.00
Company .....	2,900.00	52. Jacob Stoff.....	4,623.00
27. Gustave H. Dorn..	2,640.00	53. Jacob Stoff.....	4,825.00

54. John W. Budds...	\$2,650.71	95. Newton H. Win-	
55. George H. Budds.	583.20	chell .....	\$8,416.42
56. James H. Budds...	3,730.83	96. Newton H. Win-	
57. James H. Budds...	5,041.66	chell .....	6,412.67
58. Edward Maloney..	7,739.50	97. Emery S. Reynolds	6,319.12
59. John Cullen .....	13,820.02	98. John Holasek.....	1,555.73
60. Edward S. Cullen.	5,000.00	99. Andrew Nelson...	1,111.00
61. John Cullen.....	8,243.00	100. Elva Whittier....	6,507.60
62. Alice June Minor..	4,001.07	101. Michael Collins...	9,292.97
63. Ida A. L. Steele...	906.75	102. M. D. Rhame....	} 17,000.00
64. A. H. Kenyon.....	3,781.07	103. A. E. Rhame....	
65. Edward Maloney..	5,041.53	104. Walter S. Rhame	
66. Mary B. Van Der-		105. James Hill.....	4,540.00
en .....	4,432.99	106. I. B. McA. Tun-	
67. Gustav W. Noble.	4,031.99	stall .....	3,854.29
68. Joseph O. Jorgens.	3,921.50	107. Gust. Gustafson..	150.79
69. Lucy H. Duncan..	<b>0.00</b>	108. John Gustafson..	2,752.10
70. Frederick H. Bass.	3,650.00	109. Martha Gustafson	2,077.66
71. G. Walter Bass....	3,975.43	110. Amanda Hagness.	3,282.49
72. Frank J. Kline....	6,834.00	111. D. W. Fagan....	6,000.00
73. Edward Maloney..	2,347.83	112. David S. Irwin...	1,870.00
74. Patrick Kelley.....	3,517.50	113. Sarah A. Irwin..	5,530.00
75. Trustees Greek		114. John D. Fagan...	14,170.00
Church .....	17,100.00	115. Oric O. Whited	21,850.00
76. Kate Shea .....	5,041.66	116. Edward Maloney.	8,646.24
77. Edward Maloney..	1,608.00	117. Bridget A. Burns.	3,319.46
78. Ralph G. Colier...	9,100.00	118. John Gustafson..	3,585.34
79. Mary E. Lovett...	11,558.50	119. Emma Paige.....	1,800.00
80. John Cullen,		120. Gustave F. Krie-	
Guardian .....	2,856.33	sel .....	4,000.00
81. Carl G. Lindou....	9,075.03	121. John F. Kruse....	4,523.66
82. Edna E. Simpson..	1,306.50	122. Conrad W. Press-	
83. John Kirzan.....	1,909.50	ler .....	4,003.00
84. Michael J. Shelley.	8,225.92	123. Alexander M.	
85. Elizabeth Kops		Noye .....	7,400.00
Downey .....	1,763.78	124. Gotthilf Raihle...	4,200.00
86. Bridget Ryan.....	7,537.50	125. Mary T. Elliott..	4,200.00
87. Arthur McMullen..	612.06	126. Margaret M.	
88. Edward Maloney..	1,155.75	Devlin .....	5,512.56
89. Arthur McMullen.	6,060.01	127. George P. Loye..	9,953.00
90. Carrie E. Chat-		128. Leon F. Loemans	2,640.93
field .....	2,750.00	129. Mary Loemans...	4,549.85
91. Mary Bowen .....	4,209.29	130. Trucls Madsen...	27,004.24
92. Martin E. Tanberg	3,578.04	131. Sarah J. Adair...	12,231.73
93. John J. Hankenson	3,945.48	132. Norwood F. Way	5,700.00
94. Mary Alden Root.	1,999.80		

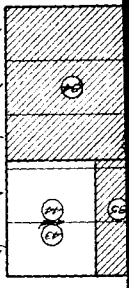
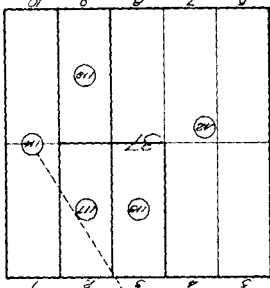
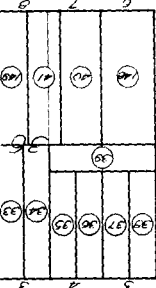
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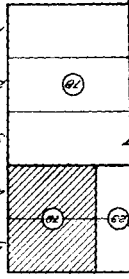
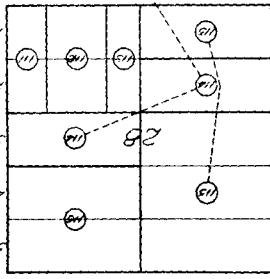
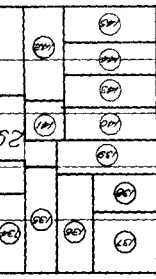
PUS EXTENSION  
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RIVER ROAD

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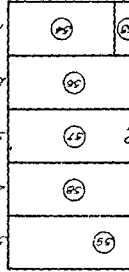
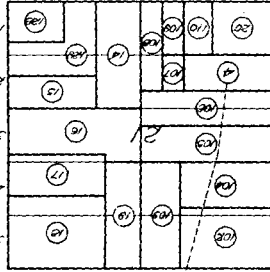
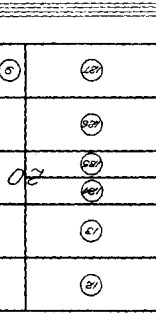


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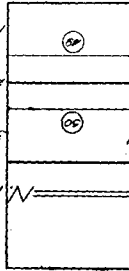
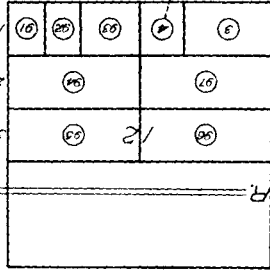
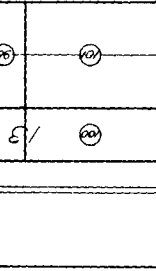


CHURCH ST

STATE ST



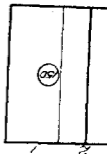
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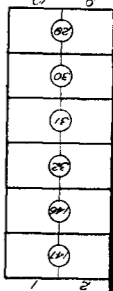
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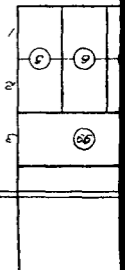
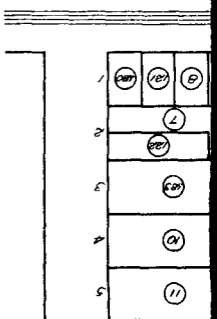
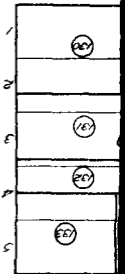


7

12 6



UNION ST.



133. Catherine F. Irwin .....	\$8,000.00	143. Anthony Zeleny..	\$5,831.85
134. Mary A. Kyle...	5,310.19	144. James McDonald.	4,800.00
135. Mary Kyle .....	4,508.06	145. Jessie D. Dickson	6,249.60
136. James Everington	4,677.91	146. James Everington	4,418.80
137. James Everington	9,007.97	147. Susanna A. Ever- ington .....	7,000.00
138. Annie A. Ryan...	8,200.00	148. Grace Gray Choate .....	10,155.61
139. Frank J. Pesek...	5,100.00	149. Lora A. Cheney..	1,927.00
140. Margaret D. Mc- Cord .....	4,900.00	150. Annie Flannigan.	5,501.69
141. Anthony Zeleny...	440.13	151. Felix Trainor....	6,217.78
142. Frederick Brink- man .....	5,124.50		<hr/> \$790,670.51

The new campus was acquired partly by direct purchases, but largely through a series of four condemnation proceedings, these various transactions resulting in the following disbursements from the Campus Extension Fund, to wit:

Direct purchases .....	\$202,394.30
First condemnation proceedings.....	140,031.62
Second condemnation proceedings.....	52,160.34
Third condemnation proceedings.....	157,276.49
Fourth condemnation proceedings.....	203,290.06
	<hr/>
Total from Campus Extension Fund.....	\$755,152.81
Disbursement from the Elliot Hospital Site Fund.....	35,517.70
	<hr/>
	\$790,670.51

To the Comptroller of the University of Minnesota:

SIR: Herewith is submitted a report of the Department of Buildings and Grounds, covering the biennium ending July 31, 1914.

*Heating Plant.*—The new Heating Plant, the construction of which was begun during the last biennium, has been in operation for one year. It has been very satisfactory not only in its capacity but in its efficiency of coal consumption and maintenance. In addition to furnishing heat for all the buildings on the main campus, the plant supplies steam for various other purposes, such as laundry, cooking, sterilizing, distilling, and hot-water tanks. If these extra services are left out of account and the total cost of operating the plant for a year is divided by the number of square feet of radiation, the operating cost is found to be approximately 32 cents a square foot of radiation a year.

While the plant is of sufficient capacity to satisfy all present needs, an addition to it will be necessary in order to carry the new buildings which are now under construction and which will be in use the coming year. An appropriation for this addition is therefore requested.



*Tunnels.*—The distribution of steam from the Heating Plant is through sandstone tunnels which were completed and put into operation during the last biennium. This sandstone has not withstood the changes of temperature which a tunnel of this nature undergoes, and it is necessary that it be lined in order to protect the mains from falling sand. It seems advisable to ask for an appropriation to line approximately 80 per cent of the tunnel at present; the balance of the tunnel is through a sandstone drift which is hard enough to retain its shape.

The layout of the main tunnel with its various risers and branches gives us a gravity return which is very satisfactory and causes very little trouble. The size of the mains installed is such as would make a low-pressure distribution over a part of the campus highly desirable. This could be accomplished with very little addition. A high-pressure auxiliary main is asked for, not only as a reserve main, but also as a summer high-pressure steam line.

*Electricity.*—The cost of lighting the university campus for the year 1913-1914 amounted to \$12,121.96. This amount is made up of two items: electricity generated at the Electrical Engineering Building for general lighting purposes, and electricity which is purchased from the Minneapolis General Electric Company.

The total amount, when divided among the various buildings, has been very reasonable, since the greater part of the electricity used was for lighting purposes, and a comparatively small amount was consumed for power.

In making a comparison of the steam generated for heating purposes and the electric load for the various purposes anticipated, we find that the consumption of steam for nine months of the year is from three to ten times the amount of steam required for electric generating purposes. This would indicate that we should be able to generate electricity at a very low cost, using exhaust steam for heating purposes; that the small electric loads during the three summer months would be immaterial as compared with the larger electric loads the balance of the year, when the cost of steam for the generating of electricity would almost be negligible; that if a generating station were installed in connection with our Heating Plant, we should be able to generate current at approximately one-half cent per kilowatt-hour instead of paying the higher rates.

*Repairs to buildings.*—The repairs as distributed among the various buildings have been insufficient. It has been impossible to maintain our buildings up to the standard, and only such necessary repairs as would minimize the depreciation have been considered, without regard for appearances. The cost of the general repairs to buildings divided by the cubic foot of space gives a cost of 27 cents per cubic foot of building per year. With the addition of new buildings, additional appropriation for repairs will be needed.

Outside window frames throughout the buildings which have been constructed in the last two or three years are in need of paint; gutters and roofs continually demand attention. Interior decorations have been

neglected; provision ought to be made for this work. Poor illumination in various buildings should be improved, and different fixtures, suited to the later methods of lighting and makes of lamps, installed.

In several of the buildings the window frames have been caulked and metal weather strips have been put on. It is almost impossible to find window frames which do not allow of the passage of considerable air between the frames and the surrounding brick or stone work. By closing up these openings, we not only save considerable steam consumption, but also protect the walls surrounding these windows. Further economy in steam consumption could be gained by installing temperature control. This also would protect equipment and furniture from the excessive heat which otherwise will exist in buildings not so equipped.

*Campus.*—During the biennium considerable grading has been completed around the Medical and Engineering buildings, and also on the old Campus around Folwell Hall. Sidewalks have been laid, streets constructed, and the general Campus maintained.

During the coming biennium additional extensive grading around the buildings now in process of construction will be necessary.

*Custodial.*—The janitor service covers such work as cleaning, dusting, and reporting of needed repairs. The total cost per month divided by the square feet of floor space cared for indicates a cost of \$3.93 per thousand square feet per month.

This service, which has heretofore been confined to the cleaning of the buildings, is to be extended to minor repairs; this will effect a saving in the repair fund, as the expense of sending a man to a building is frequently greater than the cost of the actual work done.

*Special appropriation.*—Special appropriation was made by the last legislature for the installation of a sprinkler system and for the rewiring of various buildings. With the exception of the Minnesota Union Building, the Electrical and Mechanical Engineering buildings, the Storehouse and Shops, the buildings belonging to the University are either entirely fireproof or have been equipped with this sprinkler system. Certain buildings have been entirely rewired; others, where conditions were unsatisfactory and not in accordance with the underwriter's rules on wiring, have been partially rewired. Fire risks have thus been reduced to a minimum.

The following is a statement of the distribution of the fund appropriated by the legislature for installing sprinkler systems and rewiring various buildings.

Installing sprinkler system—

Armory .....	\$3,177.01
Pillsbury Hall .....	5,152.65
Law Building .....	3,968.50
Library Building .....	3,077.00

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\$15,375.16

Rewiring—		
Armory .....	\$2,759.78	
Mechanical Engineering .....	122.83	
Mechanic Arts .....	111.32	
Library .....	1,553.41	
Tunnel No. 4.....	194.19	
Shevlin Hall .....	11.71	
Law Building .....	1,326.40	
Pillsbury Hall .....	2,097.23	
Chemistry Building .....	11.70	
Ore Testing Building.....	35.47	
Physics Laboratory .....	56.48	
		8,280.52
Total .....		\$23,655.68
Appropriation .....		25,000.00
Balance forwarded to 1914-1915.....		\$1,344.32

## DISBURSEMENTS OF PHYSICAL PLANT

	1912-1913	1913-1914
Administration .....	\$ 4,628.49	\$ 6,032.82
Building Maintenance—		
Repairs .....	24,176.03	21,171.73
Building Operations—		
Custodial, Watchmen, Teamster.....	32,149.13	34,271.09
Heating—		
Fuel .....	38,422.82	43,996.52*
Support Labor, Steamfitters, Mechanic....	10,452.36	12,064.10
Electricity .....	11,581.68	12,121.96†
Telephone Operators .....	1,044.21	1,556.65
Lamps, Electric .....	1,254.22	902.97
Gas .....	2,956.75	2,922.58
Water .....	2,825.98	3,185.75
Laundry .....	4,348.16	4,185.78
Ice .....	515.64	818.16
Campus Rents .....	3,606.43	3,847.23
General Campus .....	13,436.61	5,253.20
	\$151,398.51	\$152,330.54

\* Includes all fuel used for heating and electricity generated by Electrical Engineering Department.

† Includes electricity purchased; also electricity generated by Electrical Engineering Department with coal included in fuel above.

Respectfully submitted,  
H. A. HILDEBRANDT,  
Superintendent of Buildings and Grounds

## INFORMATION BUREAU

Prepared by J. C. Poucher

Carrying out the idea of centralization of miscellaneous activities, the following additions and extensions have been made to the Information Bureau and Post-Office, during the biennium ending July 31, 1914:

*General information.*—All general information relative to the University and the Twin Cities is available at the Bureau of Information. The new addresses of former faculty and alumni are also filed for the general university public.

*The lost and found department.*—A system has been installed to take care of this department which makes it very efficient. Entries are made in a book of all articles found and memoranda are made of all reported losses, so that when the article is turned in the owner may be notified. This has proved very satisfactory and finders of articles may be assured that all things are returned to the owner without any delay. Articles not called for are returned to finder after one month.

*Campus advertising.*—This bureau has taken over the supervision of advertising on the campus. Notices and posters are restricted in size to 11 by 14 inches and bulletin boards for posting these notices have been established. No commercial or other outside advertising is allowed on the campus.

*Telegraph service.*—Arrangements have been made so that telegrams and cablegrams may be sent from this bureau at the regular rates.

*Train schedules.*—Bulletins containing the time tables of all Twin City trains are kept here for the use of the university public.

*Securing the use of classrooms and assembly halls.*—Applications are received here for the use of classrooms or assembly halls. Conflicts are in this way avoided and the necessary janitorial service secured. Fees are charged when any extra expense is involved.

*Rooming lists.*—The approved rooming places for men and women students are listed in this bureau. Flats and houses for sale and rent in the neighborhood of the University are listed for faculty accommodations.

*Post-Office.*—The local mail deliveries to faculty members have been increased from two to three deliveries per day, two in the morning and one in the afternoon. Administrative offices receive five deliveries. There is an hourly distribution of communications to the students and three deliveries to the College of Agriculture on the new Inter-Campus Special carline.

TABLE I

## RECAPITULATION OF ALL FUNDS

Balance August 1, 1912, Maintenance Funds.	\$237,892.70	
Receipts (not including transfers, etc.).....	1,568,473.44	
Balance August 1, 1912, Building and Equip- ment Funds .....	1,075,562.44	
Receipts, Building and Equipment Funds....	611,051.77	
Balance and Sales, Agricultural Bookstore..	18,713.05	
Dining-Halls, etc. ....	130,822.01	
<hr/>		
Total .....		\$3,642,515.41
Maintenance Expenditures .....	\$1,615,395.18	
Buildings and Equipment.....	900,922.48	
Expended for Books, etc., Agricultural Book- store .....	12,484.62	
Balance Maintenance Funds.....	188,136.91	
Balance Building Funds.....	774,434.88	
Balance Agricultural Bookstore.....	6,228.43	
Dining-Hall Receipts, etc., treated as expend- itures, as the Dining-Halls and Dormitories are not operated for profit. Charges for use of building, heat, light, etc., would more than absorb balances .....	130,822.01	
Adjustments: Deduction debits in excess of deduction credits, to and from Maintenance Fund .....	2,834.05	
Building and Equipment Fund.....	11,256.85	
<hr/>		
Total .....		\$3,642,515.41
Balance August 1, 1913, Maintenance Funds.	\$196,165.34	
Receipts (not including transfers, etc.).....	1,895,577.24	
Balance August 1, 1913, Building and Equip- ment Funds .....	774,434.88	
Receipts, Building and Equipment Funds....	977,829.58	
Dining-Halls, etc. ....	163,625.22	
<hr/>		
Total .....		\$4,007,632.26
Maintenance Expenditures .....	\$1,872,555.82	
Building and Equipment Expenditures.....	941,384.06	
Balance Maintenance Funds.....	213,000.14	
Balance Building and Equipment Funds....	798,164.16	
Dining-Hall receipts, etc., treated as expend- itures, as the Dining-Halls and Dormitories are not operated for profit. Charges for use of building, heat, light, etc., would more than absorb balances .....	163,625.22	
Adjustments: Deduction debits in excess of deduction credits, to and from Maintenance Fund .....	6,186.62	
Building and Equipment Fund.....	12,716.24	
<hr/>		
Total .....		\$4,007,632.26

TABLE II

CLASSIFICATION BY COMMODITY

	1912-1913	1913-1914	Increase	Decrease
Salaries .....	\$919,588.97	\$1,082,349.67	\$162,760.70	.....
Wages .....	151,527.93	221,239.57	69,711.64	.....
Miscellaneous Labor...	49,499.12	49,624.31	125.19	.....
Postage .....	8,878.57	11,899.94	3,021.37	.....
Office Supplies.....	6,565.56	4,654.02	.....	\$1,911.54
Stationery and Printing	20,452.74	19,261.03	.....	1,191.71
Publications and Ad-				
vertising .....	17,217.63	18,012.40	794.77	.....
Freight and Express..	10,958.34	9,142.64	.....	1,815.70
Traveling Expenses...	31,473.42	50,298.55	18,825.13	.....
Telegraph and Tele-				
phone .....	6,047.91	6,710.52	662.61	.....
Provisions .....	85,983.26	94,081.48	8,098.22	.....
Supplies for Instruction	77,163.46	93,382.58	16,219.12	.....
Seeds and Plants.....	4,244.32	2,637.00	.....	1,607.32
Feeding Stuffs.....	19,351.29	27,096.30	7,745.01	.....
Laundry .....	12,629.31	13,819.63	1,190.32	.....
Miscellaneous Supplies.	8,872.92	24,323.22	15,450.30	.....
Gas .....	6,092.94	6,095.72	2.78	.....
Electricity .....	7,495.72	9,330.13	1,834.41	.....
Water and Ice.....	5,431.99	6,631.66	1,199.67	.....
Fuel .....	78,886.37	90,499.40	11,613.03	.....
Repairs .....	72,871.86	58,635.25	.....	14,236.61
Rents and Assessments	3,296.27	2,396.74	.....	899.53
Books .....	37,318.90	44,811.75	7,492.85	.....
Apparatus and Instru-				
ments, Glassware....	64,666.12	74,299.56	9,633.44	.....
Furniture and Furnish-				
ings .....	93,963.56	70,668.72	.....	23,294.84
Tools, Implements and				
Machinery .....	18,915.61	36,301.86	17,386.25	.....
Typewriters and Add-				
ing Machines.....	3,830.19	3,125.00	.....	705.19
Book-Binding .....	3,700.54	3,753.45	52.91	.....
Dining-Hall Equipment	3,362.93	2,024.02	.....	1,338.91
Kitchen Utensils.....	1,955.62	2,491.42	535.80	.....
Live Stock.....	12,239.40	14,820.70	2,581.30	.....
Land Purchases.....	52,137.20	.....	.....	52,137.20
New Construction....	750,167.55	762,588.43	12,420.88	.....
Interest on Certificates	2,925.00	66,462.50	63,537.50	.....
Premiums .....	2,267.50	276.12	.....	1,991.38
Sundry Trust Funds..	14,115.69	11,209.69	.....	2,906.00
Bookstore .....	10,808.12	13,555.15	2,747.03	.....
Refund of Fees and				
Deposits .....	26,658.71	34,940.03	8,281.32	.....
Total .....	\$2,703,562.54	\$3,043,450.16	\$443,923.55	\$104,035.93

TABLE III

## MAINTENANCE

1912-13

*Income*

FROM STATE: Balance August 1, 1912		\$237,892.70
<i>Standing Appropriations—</i>		
23/100 Mill Tax.....	\$281,514.65	
School of Mines Support.....	19,500.00	
Fruit Farm Investigation.....	4,500.00	
	<hr/>	\$305,514.65
<i>Annual Appropriations—</i>		
General Support .....	\$325,000.00	
Sundry Special Support.....	486,850.00	
	<hr/>	811,850.00
<i>Interest on Investments—</i>		
Swamp Land Interest.....	\$16,942.44	
Land Investments .....	12,338.20	
Interest on Bonds and Invest- ments .....	47,584.38	
	<hr/>	76,865.02
FROM FEDERAL GOVERNMENT:		
Nelson Fund.....	\$25,000.00	
Morrill Fund.....	25,000.00	
Hatch Fund.....	17,500.00	
Adams Fund.....	17,500.00	
	<hr/>	85,000.00
STUDENTS' FEES, SALES, etc.:		
Tuition and Incidental Fees (net) .....	\$189,778.93	
Sales from Farm Products...	64,941.54	
Rents from Campus Houses..	10,590.90	
Miscellaneous Income (net)..	23,932.40	
	<hr/>	289,243.77
Total Income.....		<hr/> 1,568,473.44
Total Available.....		<hr/> \$1,806,366.14

TABLE III  
 MAINTENANCE  
 1912-13  
*Expenses*

	1912-1913
General University (administration, business management, care of buildings, heat and light)	\$218,180.71
Science, Literature, and the Arts.....	261,612.45
Engineering .....	86,493.69
Agriculture (including Substations).....	475,755.13
Law .....	32,453.90
Medical School .....	139,332.51
Elliot Hospital .....	68,009.11
Dentistry (Dental Infirmary \$14,147.19).....	51,999.60
Pharmacy .....	14,539.59
Mines .....	39,972.91
Chemistry .....	42,834.17
Education .....	13,919.07
Extension .....	24,964.28
Summer Session .....	8,144.06
Graduate School .....	8,515.34
	\$1,486,726.52
Purchases from Maintenance Fund of items chargeable to Inventory.....	128,668.66
	\$1,615,395.18
Maintenance as per summary.....	
Difference between adjustments of debits and credits as shown in summary.....	2,834.05
Refund of 23/100 Mill Tax Advance.....	\$100,000.00
Bills outstanding July 31, 1913.....	12,022.56
Orders outstanding July 31, 1913.....	23,045.13
Unexpended balances .....	53,069.22
	188,136.91
	\$1,806,366.14



	EXPENDITURES FOR SALARIES, INSTRUCTIVE, INSTRUCTIONAL, AND MISCELLANEOUS	
	Salaries	Wa
1 Administration.....	\$45,466.07	\$3,1
2 General University.....	7,086.68	47,7
3 General Library.....	16,852.22	1,9
4 Military Science.....	2,680.00	1,1
5 Science, Lit., and the Arts..	228,290.05	2,1
6 College of Engineering.....	65,118.17	6,9
7 Medical School.....	94,119.79	13,4
8 Elliot Hospital.....	25,144.39	1,2
9 School of Chemistry.....	30,152.03	2,2
10 School of Mines.....	29,899.97	3
11 College of Dentistry.....	43,697.91	3
12 Law School.....	30,646.42	.....
13 College of Pharmacy.....	11,370.00	.....
14 College of Education.....	12,308.00	.....
15 University Extension.....	17,027.20	9
16 Summer Session.....	7,580.00	.....
17 Graduate School.....	1,117.77	3,2
18 New Construction (Univ.).....	.....	.....
19 Dept. of Agriculture (Cent.)	193,282.01	39,0
20 Agricultural Extension.....	20,355.75	2,4
21 New Construction (Agr.).....	.....	.....
22 Crookston School.....	17,081.84	2,9
23 Morris School.....	12,075.00	2,7
24 Grand Rapids Farm.....	2,448.89	.....
25 Waseca Farm.....	.....	4
26 Duluth Farm.....	1,208.31	4
Totals.....	\$915,008.47	\$132,9
GRAND TOTAL.....	.....	.....

R ADMINISTRA-  
TIONAL, AND  
S SERVICES

EXPENDITURE FOR MAINTENANCE OF OFFI

	Mis- cellaneous Labor	Postage	Office Supplies	Stationery and Printing	Publica- tions and Advertis- ing	Freight and Express
73.18	\$616.05	\$1,066.85	\$900.04	\$3,978.70	\$83.46	\$203.36
20.38	3,312.47	1,817.73	1,018.66	3,748.58	6,574.34	4,995.02
20.96	62.24	150.61	790.39	169.26	23.49	
20.00		12.00	12.27	17.40		19.52
64.37	751.83	1,144.77	303.26	1,369.96	980.54	139.13
65.72	188.33	178.73	189.63	324.64	13.50	388.16
87.00	277.87	338.02	826.15	766.27	556.81	593.67
00.92	667.60	128.00	99.83	553.69	86.83	36.97
96.52	12.50	12.75	54.72	74.42	2.52	1.70
29.25	97.25	196.50	340.45	1,140.93	44.90	25.65
39.00		49.50	258.75	422.58		88.26
		36.00	42.04	57.15		
	624.97	31.75	18.63	69.37	9.48	35.25
44.80		111.10	41.20	30.27	3.00	
27.95	31.14	527.85	13.50	817.76	264.05	93.95
		15.00		16.00	71.75	
06.87	315.27	26.50		1,827.50	468.02	6.45
98.16	25,404.22	1,499.14	1,076.57	2,883.81	4,801.24	2,280.18
13.14		955.69	84.00	982.07	2,993.32	55.14
58.85	5,889.10	240.00	237.29	370.15	118.84	794.77
06.15	3,004.50	225.00	126.49	569.07	11.40	428.15
	4,286.21	102.27	42.67	59.65	39.55	227.41
85.00	298.79	.31				47.77
35.00	1,634.20			23.50	14.24	74.40
93.22	\$47,474.54	\$8,866.07	\$6,476.54	\$20,272.73	\$17,161.28	\$10,534.91

ICES

EXPENDITURES FOR CONSUMABLE MATERIALS

Traveling Expenses	Telephone and Telegraph	Provisions	Supplies for Instruction	Seeds and Plants	Feeding Stuffs	Laundering
\$655.23	\$0.64		\$28.90			
2,004.66	3,539.56	\$288.90	1,922.66		\$341.43	
1,062.50			269.39			
2,825.58			4,584.23	457.34	2.52	
180.80			2,535.60			
661.25		3.00	8,280.04	4.16	33.45	1.1
103.20	393.75	20,514.22	8,358.04			1.0
175.86			7,423.22			
1,998.25			2,754.10			
3.90			15,676.65			2.3
137.96	8.96		15.00			
			1,562.76	27.34	.73	
105.45			339.70			
4,613.42			360.60			
66.15	101.33		273.53			
208.30			1,236.77			
5,915.26	1,328.83	162.22	19,875.04	2,594.26	12,866.30	3
8,860.55	4.95		358.09			
814.95	251.05	72.63	739.47	558.40	1,937.26	
537.07	246.25	982.76	271.01	151.12	266.58	
156.91	91.76	1,521.28	113.11	137.25	3,224.23	
173.47	.40			135.29	136.36	
191.67	7.30		1.40	174.16	464.10	
\$31,452.39	\$5,974.78	\$23,545.01	\$76,979.31	\$4,239.32	\$19,272.96	\$6,0



BUILDINGS AND GROUNDS		TOTAL		Books	Apparatus, Instru- ments and Glass- ware	Furniture and Fixtures
Repairs	Rents and Assess- ments		MAINTENANCE			
		1	\$57,021.10	\$5.75		\$633.6
40,203.30	1,022.80	2	133,825.44	9.10	\$306.91	1,535.7
414.30	12.00	3	21,605.40	9,678.25	689.03	66.0
481.18		4	5,728.77	14.94	475.24	234.9
3,920.75	175.00	5	261,612.45	8,605.42	3,821.75	1,888.3
1,276.35	33.50	6	86,493.69	668.19	3,625.87	10,425.2
4,449.79	25.00	7	139,332.51	3,847.69	21,664.75	36,294.2
877.04	226.16	8	68,009.11	23.58	496.51	503.8
351.06		9	42,834.17	1,706.13	4,080.40	409.8
1,346.70	30.00	10	39,972.91	529.04	2,884.59	882.8
1,441.15		11	*51,999.60	1,176.89	20,161.70	7,161.5
439.95		12	32,453.90	4,813.03	1.80	655.5
194.59	10.00	13	14,539.59	1,007.56	405.46	9,500.3
		14	13,919.07	560.77	11.60	161.0
19.94		15	24,964.28	51.03		
		16	8,144.06			
74.10	25.00	17	8,515.34	50.23	126.37	25.9
		18				
11,366.75	953.35	19	351,144.53	3,668.49	5,058.17	10,713.6
		20	37,098.40	.48	68.75	236.1
		21				
2,233.03		22	39,693.77	338.05	1,011.41	3,137.7
1,333.96	428.75	23	27,528.04	551.63	115.09	5,748.0
822.03	105.00	24	13,952.96			124.4
209.05		25	1,620.04			134.0
48.90	209.21	26	4,717.39			251.0
\$71,526.72	\$3,280.77		\$1,486,726.52	\$37,306.25	\$65,005.40	\$90,724.8

\*Dental Infirmary receipts, \$14,147.19, deducted.

EXPENDITURES FOR EQUIPMENT AND PERMANENT IMPROVEMENTS

	Tools, Imple- ments and Machin- ery	Type- writers and Adding Machines	Book Binding	Dining Hall Equip- ment	Live Stock	Land Purchases	N Con t
5		\$426.00	\$11.20				
9	\$659.92		82.25	\$3.75			
6	46.63	149.25	2,583.27				
0	9.53						
6	39.67	987.25	176.97				
0	2,615.19	128.50					
4	4,681.41	451.50	54.50	85.28			
1	249.24			82.34			
9	57.00	38.75	19.25				
4	601.11	339.25	225.95				
2	133.04						
6			205.80				
0	85.57	73.50					
5		76.00					
	135.00	116.75					
4							
						\$1,761.17	\$457
8	4,223.63	558.75	328.40	100.93	\$8,183.76		
3	24.00	222.25					
							187
5	1,176.86			40.98	205.00		37
0	333.15		1.60	459.57	432.64	344.34	64
5	611.07			3.55	558.00		2
3	928.36			22.01	1,220.00	30,752.50	
7	1,337.74	71.75		51.65	1,555.00	19,279.19	
2	\$17,948.12	\$3,639.50	\$3,689.19	\$850.06	\$12,154.40	\$52,137.20	\$750



## TABLE V

## MAINTENANCE

1913-1914

*Income*

FROM STATE: Balance August 1, 1913		\$196,165.34
<i>Standing Appropriations—</i>		
23/100 Mill Tax.....	\$324,806.03	
School of Mines Support.....	19,500.00	
General Investigations.....	49,500.00	
	<hr/>	\$393,806.03
<i>Annual Appropriations—</i>		
General Support .....	\$483,000.00	
Sundry Special Support.....	525,500.00	
	<hr/>	1,008,500.00
<i>Interest on Investments—</i>		
Swamp Land Interest.....	\$24,313.84	
Land Investments.....	12,848.41	
Interest on Bonds and Invest- ments .....	48,995.78	
	<hr/>	86,158.03
FROM FEDERAL GOVERNMENT:		
Nelson Fund.....	\$25,000.00	
Morrill Fund.....	25,000.00	
Hatch Fund.....	15,000.00	
Adams Fund.....	15,000.00	
	<hr/>	80,000.00
STUDENTS' FEES, SALES, etc.:		
Tuition and Incidental Fees (net) .....	\$206,680.08	
Sales from Farm Products...	66,874.40	
Rents from Campus Houses..	10,199.38	
Miscellaneous Income (net)..	43,359.32	
	<hr/>	327,113.18
Total Income.....		<hr/> 1,895,577.24
Total Available.....		<hr/> \$2,091,742.58



TABLE V

MAINTENANCE

*Expenses*

1913-1914

General University (administration, business management, care of buildings, heat and light)	\$213,870.71	
Science, Literature, and the Arts.....	279,447.60	
Agriculture (including Substations).....	647,975.85	
Engineering .....	95,457.79	
Law .....	35,033.21	
Medical School .....	140,119.20	
Elliot Hospital .....	87,347.18	
Dentistry (Dental Infirmary \$21,303.47).....	52,130.99	
Pharmacy .....	19,631.15	
Mines .....	46,357.82	
Chemistry .....	43,461.42	
Education .....	19,179.94	
Extension .....	63,857.11	
Summer Session .....	8,903.33	
Graduate School .....	6,958.73	
		<hr/>
		\$1,759,732.03
Purchases from Maintenance Fund of items chargeable to Inventory.....		112,823.79
		<hr/>
Maintenance as per summary.....		\$1,872,555.82
Difference between adjustments of debits and credits as shown in summary.....		6,186.62
Refund of 23/100 Mill Tax Advance.....	\$100,000.00	
Bills outstanding July 31, 1914.....	18,159.70	
Orders outstanding July 31, 1914.....	35,237.96	
Unexpended balances .....	59,602.48	
		<hr/>
		213,000.14
		<hr/>
		\$2,091,742.58

	EXPENDITURES FOR	
	TIVE, INSTRUCTION MISCELLANEOUS	
	Salaries	Wages
1 Administration.....	\$52,147.83	\$4,680.00
2 General University.....	9,098.47	51,680.00
3 General Library.....	17,648.66	3,680.00
4 Military Science.....	2,250.00	1,350.00
5 Science, Lit., and the Arts..	233,246.11	20,280.00
6 College of Engineering... ..	73,699.52	7,390.00
7 Medical School.....	94,648.60	18,560.00
8 Elliot Hospital.....	26,531.53	13,330.00
9 School of Chemistry.....	28,596.63	5,950.00
10 School of Mines.....	31,483.93	5,200.00
11 College of Dentistry.....	46,405.19	3,300.00
12 Law School.....	32,280.00	1,100.00
13 College of Pharmacy.....	11,722.00	2,270.00
14 College of Education.....	15,660.00	1,260.00
15 University Extension.....	35,938.91	620.00
16 Summer Session.....	8,642.00	.....
77 Graduate School.....	3,726.63	1,650.00
18 New Construction (Univ.)..	.....	.....
19 Dept. of Agriculture (Cent.)	262,249.74	44,490.00
20 Agriculture Extension.....	31,371.33	4,090.00
21 New Construction (Agr.)..	.....	.....
22 Crookston School.....	21,865.88	7,440.00
23 Morris School.....	18,718.18	3,440.00
24 Grand Rapids Farm.....	4,104.42	.....
25 Waseca Farm.....	789.51	2,060.00
26 Duluth Farm.....	2,631.99	2,880.00
Totals.....	\$1,065,457.06	\$206,800.00
GRAND TOTAL.....	.....	.....



EXPENDITURES FOR CONSUMABLE MATERIALS AND SUPPLIES

Pages	Telephone and Telegraph	Provisions	Supplies for Instruction	Seeds and Plants	Feeding Stuffs	Laundry	Miscellaneous Supplies
.93	\$2.48						\$60
.60	3,641.42		\$51.28	\$53.72	\$253.77	\$472.37	7,43
						17.71	6
.00			3,754.87				14
.01	7.13	\$11.95	4,336.51	324.28	6.87	608.11	22
.92			1,938.04			199.93	49
.53	6.53		5,186.88		233.37	988.50	21
.80	383.25	22,164.17	8,561.99			1,043.24	75
.97			6,049.87			47.14	
.32			1,761.46			76.82	7
.40			18,178.36			2,050.27	35
.00						24.70	1
.30			1,603.83	269.28	4.98	91.68	9
.03			1.35			15.66	4
.77	18.00		346.32				6,39
			16.50				8
.83			338.67				1
.97	1,797.75	303.59	39,699.93	1,078.79	19,327.77	939.18	3,36
.76	18.07		714.21	40.65	23.90		92
.15	290.89	126.15	358.07	359.28	2,867.68	7.75	1,03
.71	272.55		324.38	316.50	750.00	48.92	55
.69	52.54	1,279.23		22.62	2,572.70		16
.57	26.35	6.70		55.26	313.50		8
.86	41.30		25.65	64.71	382.39		15
.12	\$6,558.26	\$23,891.79	\$93,248.17	\$2,585.09	\$26,736.93	\$6,631.98	\$23,29

TABLE VI

SUMMARY OF EXPENDITURES FOR YEAR 1913-14

LIES		EXPENDITURES FOR MAINTENANCE OF BUILDINGS AND GROUND					
ous	Kitchen	Gas	Elec-	Ice	Fuel	Repairs	Ren
ies	Utensils		tricity	and			an
				Water			Asse
							mer
2.23						\$18.74	\$1
6.22		\$947.05	\$1,454.41	\$2,147.57	\$5,023.59	15,890.00	
3.34		.67	24.00	12.00	654.00	174.70	
4.16	\$90.00				52.29	198.26	
7.85		111.82	304.64	470.89	10,795.09	2,512.29	
9.72		18.12	840.43	253.85	5,608.10	3,096.15	
0.59		916.,83	3,579.01	376.48	11,597.64	1,266.18	
0.66	432.60	1,665.27	244.79	1,407.55	5,536.93	3,336.36	20
		446.62	202.14	317.93	1,215.20	301.31	
1.06		204.58	476.65	282.05	1,243.30	816.67	
9.68		354.97	81.20	157.05	1,280.50	930.88	
0.00		.20	22.24	53.55	723.50	319.12	
3.03			23.88	111.50	1,844.86	1,175.05	
2.50		41.97	25.96	50.44	892.88	93.80	
9.48			6.00	10.00	500.00		15
1.57				20.00			
3.03							
3.66	195.53	509.64	166.32	126.19	30,644.27	18,864.29	93
3.57	111.58				33.00	5.50	
2.12	95.03		1,014.36	23.71	2,860.88	4,474.85	
9.05	21.91		534.88	100.83	2,676.53	3,036.63	56
3.62	95.46		91.12		181.43	324.78	5
5.26	60.55				39.02	79.33	
3.79	2.35		2.00		46.75	321.50	
1.19	\$1,105.01	\$5,217.74	\$9,094.03	\$5,921.59	\$83,449.76	\$57,236.39	\$2,16

		EXPENDITURES FOR EQUIPMENT					
TOTAL		Books	Apparatus, Instru- ments and Glass- ware	Furniture and Fixtures	Tools, Imple- ments and Machin- ery	Type- writers and Adding Machines	
MAINTENANCE							
58.93	1	\$64,168.31	\$2.50	\$10.10	\$312.24	\$0.80	\$627.00
37.64	2	117,569.48	26.88	665.83	804.77	1,241.51	95.00
.....	3	23,026.85	31,051.27	.....	303.20	.....	150.00
.....	4	9106.07	.....	535.28	76.86	23.32	.....
50.00	5	279,447.60	612.50	10,824.85	2,529.79	131.50	401.25
.....	6	95,457.79	366.53	7,820.19	6,252.98	15,437.90	382.00
.....	7	140,119.20	248.17	22,750.14	20463.58	1,030.38	.....
09.11	8	87,347.18	6.00	2,492.37	1,934.41	95.26	.....
.....	9	43,461.42	.....	3,939.51	47.10	845.35	218.25
.....	10	46,357.82	18.85	2,922.67	591.40	1,434.49	96.75
.....	11	*52,130.99	69.93	2,111.04	2,414.27	268.15	.....
.....	12	35,033.21	3,725.87	.....	376.14	.....	.....
.....	13	19,631.15	3,008.98	4,096.99	13,048.45	496.87	.....
.....	14	19,179.94	133.32	.....	3.00	.....	.....
50.00	15	63,857.11	477.58	525.43	401.79	7.50	208.50
.....	16	8,903.33	.....	.....	.....	.....	.....
.....	17	6,958.73	432.75	1,618.12	145.24	42.01	72.00
.....	18	.....	.....	.....	.....	.....	.....
66.66	19	474,289.95	3,714.22	11,913.29	14,644.61	9,300.15	685.25
.....	20	60,253.26	.....	993.25	1,048.95	126.76	.....
.....	21	.....	.....	.....	.....	.....	.....
.....	22	49,858.10	601.32	613.02	1,160.73	2,421.98	134.00
6.90	23	38,154.50	276.48	347.62	769.14	839.81	55.00
5.00	24	12,224.79	.....	37.60	113.15	646.62	.....
.....	25	4,861.48	.....	.....	67.85	285.07	.....
.....	26	8,333.77	.....	80.31	90.80	1,228.88	.....
4.24		\$1,759,732.03	\$44,773.15	\$74,297.61	\$67,600.45	\$35,904.31	\$3,125.00
.....		.....	.....	.....	.....	.....	.....

\*Dental Infirmary receipts, \$21,303.47, deducted.

EQUIPMENT AND PERMANENT IMPROVEMENT

Book Binding	Dining Hall Equipment	Live Stock	Land Purchases	New Construction	Interest on Certificates of Indebtedness	INC IN
\$76.45						
3,225.34						
2.50						
3.50	\$193.59					
127.45						
51.41						
				\$520,158.84	\$66,462.50	
266.80	129.18	\$6,537.00				
		600.00				
		3,201.22		119,097.33		
	11.90	505.00		83,478.64		
	39.58	150.00		2,219.94		
	2.48	2,818.73		576.35		
		869.00		6,552.86		
				30,504.47		
\$3,753.45	\$376.73	\$14,680.95		\$762,588.43	\$66,462.50	\$1

TOTAL CREASE TO VENTORY	EXPENDITURES FOR ITEMS NOT OTHERWISE CLASSIFIED			GRAND TOTALS
	Premiums	Sundry Trust Funds	Refund of Fecs and Deposits	
\$1,029.09				\$65,197.40 1
2,833. 9	\$100.00	\$11,209.69	\$18,902.82	150,615.98 2
34,729.81				57,756.66 3
635.46				9,741.53 4
14,502.39				293,949.99 5
30,259.60				125,717.39 6
44,689.36			\$194.50	185,003.06 7
4,528.04				91,875.22 8
5,050.21				48,511.63 9
5,064.16				51,421.98 10
4,863.39			5.00	78,302.85 11
4,229.46				39,262.67 12
0,702.70				40,333.85 13
136.32				19,316.26 14
1,620.80			325.25	65,803.16 15
			235.29	9,138.62 16
2,310.12				9,268.85 17
586,621.34				586,621.34 18
47,190.50			13,287.67	534,768.12 19
2,768.96	46.50			63,068.72 20
119,097.33				119,097.33 21
91,610.91			815.00	142,284.01 22
5,024.89	129.62		450.00	43,759.01 23
1,563.30				13,788.09 24
9,726.99				14,588.47 25
32,773.46				41,107.23 26
073,562.58	\$276.12	\$11,209.69	\$34,215.53	
				\$2,900.299.42



TABLE VII

LEDGER STATEMENT OF AGRICULTURAL DINING-HALLS AND BOOKSTORE AND  
UNIVERSITY DORMITORIES WHICH, WHILE BELONGING TO SUPPORT  
FUNDS WERE KEPT SEPARATE EACH YEAR

1912-1913

AGRICULTURAL DINING-HALL:		
Balance August 1, 1912.....	\$ 4,640.00	
Receipts for the year.....	62,778.72	
	<hr/>	
Expenditures .....	\$67,418.72	
	64,036.61	
	<hr/>	
Balance credited to Support....		\$3,382.11
SHEVLIN HALL:		
Balance August 1, 1912.....	\$ 1,000.00	
Receipts .....	12,121.48	
	<hr/>	
Expenditures .....	13,121.48	
	11,324.88	
	<hr/>	
Balance credited to Support....		1,796.60
SANFORD HALL:		
Balance August 1, 1912.....	\$ 1,000.00	
Receipts .....	20,874.97	
	<hr/>	
Expenditures .....	21,874.97	
	18,049.38	
	<hr/>	
Balance Credited to Support....		3,825.59
CROOKSTON DINING-HALL:		
Balance August 1, 1912.....	.....	
Receipts .....	\$11,555.99	
	<hr/>	
Expenditures .....	11,555.99	
	11,145.33	
	<hr/>	
Balance Credited to Support....		410.66
MORRIS DINING-HALL:		
Balance August 1, 1912.....	.....	
Receipts .....	\$ 9,343.66	
	<hr/>	
Expenditures .....	9,343.66	
	7,684.54	
	<hr/>	
Balance Credited to Support....		1,659.12
AGRICULTURAL BOOKSTORE:		
Balance August 1, 1912.....	\$ 4,593.01	
Receipts .....	14,120.04	
	<hr/>	
Expenditures .....	18,713.05	
	12,484.62	
	<hr/>	
Balance Credited to Support....		6,228.43

TABLE VIII

LEDGER STATEMENT OF AGRICULTURAL DINING-HALLS AND BOOKSTORE AND UNIVERSITY DORMITORIES WHICH, WHILE BELONGING TO SUPPORT FUNDS ARE KEPT SEPARATE EACH YEAR

1913-1914

AGRICULTURAL DINING-HALL:		
Balance August 1, 1913.....	\$ 3,382.11	
Receipts for the year.....	66,967.41	
	<hr/>	
Expenditures .....	\$70,349.52	
	67,972.85	
	<hr/>	
Balance Credited to Support.....		\$2,376.67
SHEVLIN HALL:		
Balance August 1, 1913.....	\$ 1,796.60	
Receipts .....	12,461.12	
	<hr/>	
Expenditures .....	\$14,257.72	
	13,474.93	
	<hr/>	
Balance Credited to Support....		782.79
SANFORD HALL:		
Balance August 1, 1913.....	\$ 3,825.59	
Receipts .....	20,047.50	
	<hr/>	
Expenditures .....	\$23,873.09	
	23,688.86	
	<hr/>	
Balance Credited to Support....		184.23
CROOKSTON DINING-HALL:		
Balance August 1, 1913.....		
Receipts .....	\$14,277.23	
	<hr/>	
Expenditures .....	\$14,277.23	
	14,634.42	
	<hr/>	
Overdraft Charged to Support..		357.19
MORRIS DINING-HALL:		
Balance August 1, 1913.....		
Receipts .....	\$11,910.16	
	<hr/>	
Expenditures .....	\$11,910.16	
	11,473.55	
	<hr/>	
Balance Credited to Support....		436.61
AGRICULTURAL BOOKSTORE:		
Balance August 1, 1913.....	\$ 6,228.43	
Receipts .....	15,537.96	
	<hr/>	
Expenditures .....	\$21,766.39	
	15,549.60	
	<hr/>	
Balance Credited to Support.....		6,216.79

TABLE IX  
COMMODITY CLASSIFICATION OF EXPENDITURES  
1913-1914

	Agricultural Dining-Hall	Shevlin Hall	Sanford Hall	Agricultural Bookstore	Crookston Dining-Hall	Morris Dining-Hall
Salary .....	\$ 5,782.51	\$ 1,300.00	\$ 1,740.00	\$ 1,197.65	\$ 2,934.42	\$ 2,506.08
Wages .....	7,173.13	2,398.24	3,476.33	600.00	149.73	444.68
Labor .....	243.28	23.49	296.32	100.00	15.16	69.62
Fuel .....	6,253.96	102.90	2,018.00	.....	379.39	295.39
Provisions .....	38,532.35	7,757.13	8,177.53	.....	8,653.07	6,979.21
Laundry .....	4,106.85	348.76	613.06	.....	1,561.37	549.18
Freight .....	68.70	3.30	.....	.....	65.61	.....
Postage .....	.....	7.00	7.50	.....	.....	.....
Advertising .....	18.88	2.16	25.25	.....	1.08	10.53
Printing and Stationery.....	111.38	13.84	28.47	.....	.....	.....
Water and Ice.....	417.27	.....	61.14	.....	12.05	219.61
Other Supplies .....	87.45	3.30	.....	.....	1.33	.....
Kitchen Utensils .....	194.33	228.92	730.44	.....	199.65	33.07
Repairs .....	571.34	389.49	361.84	.....	68.62	.....
Dining-Hall Equipment .....	772.14	167.44	391.53	.....	279.12	37.06
Miscellaneous Supplies .....	581.25	175.03	261.79	.....	119.27	19.55
Furniture .....	649.97	552.09	1,744.42	.....	118.59	4.20
Tools and Machinery.....	395.71	1.84	.....	.....	.....	.....
Traveling Expense .....	7.37	.....	7.84	.....	.....	33.22
Refunds .....	.....	.....	714.00	.....	.....	10.50
Books .....	.....	.....	38.60	.....	.....	.....
Plumbing to Greenhouse (steam main).....	.....	.....	2,494.80	.....	.....	.....
Gas and Electricity.....	877.98	.....	425.00	.....	.....	236.10
Telephone and Telegraph.....	98.75	.....	75.00	.....	27.96	25.55
Feed .....	311.37	.....	.....	.....	48.00	.....
Rents .....	232.50	.....	.....	.....	.....	.....
Auto Repairs .....	344.63	.....	.....	.....	.....	.....
Live Stock .....	139.75	.....	.....	.....	.....	.....
Merchandise .....	.....	.....	.....	13,651.95	.....	.....
	<u>\$67,972.85</u>	<u>\$13,474.93</u>	<u>\$23,688.86</u>	<u>\$15,549.60</u>	<u>\$14,634.42</u>	<u>\$11,473.55</u>

TABLE X

## DISTRIBUTION OF NET FEES

	1912-1913	1913-1914
College of Science, Literature, and the Arts...	\$47,716.82	\$47,072.65
College of Engineering.....	18,200.58	18,955.93
Medical School .....	22,682.32	23,972.29
School of Chemistry.....	4,899.30	3,625.55
School of Mines.....	4,861.96	5,597.34
College of Dentistry.....	35,952.16	37,545.52
Law School .....	12,529.19	9,918.16
College of Pharmacy.....	5,078.35	5,959.29
College of Education.....	2,306.32	2,810.93
Graduate School .....	1,592.87	2,203.23
General Deposits .....	7,508.14	7,846.50
Extension Division .....	7,314.53	*14,467.85
Summer Session .....	7,466.22	8,676.62
Post-office Boxes, Summer School.....	51.40	65.40
Lockers, Summer School.....	10.15	37.13
Medical Summer School.....	352.50	1,626.00
Dentistry Summer School.....	40.00	781.00
College of Agriculture.....	20,152.32	23,646.51
Substations .....	2,167.00	3,538.65
	<hr/>	<hr/>
	\$200,882.13	\$218,346.55

\* Law Extension fees were included through a confusion as to the conducting of Night Law Courses which were included in the 1913-1914 budget under General Support Fund,—later transferred back to Reserve.

TABLE XI

## SUMMARY OF MAINTENANCE FUNDS

1912-1913

	Balance August 1, 1912	Credits to Support Fund	Total	Debits to Support Fund	Balance July 31, 1913
1. Support Fund.....	\$136,500.22	\$1,337,418.69	\$1,473,918.91	\$1,390,560.24	\$83,358.67
2. Special University Support.....	48,380.06	245,886.76	294,266.82	253,541.32	40,725.50
3. Special University Repairs.....	14,834.19	44,398.26	59,232.45	56,596.78	2,635.67
4. Special Agriculture Support.....	30,985.74	111,382.26	142,368.00	121,796.46	20,571.54
5. Special Agriculture Repairs.....	3,822.11	13,812.28	17,634.39	16,126.21	1,508.18
6. Substation Support.....	3,370.38	204,238.31	207,608.69	168,271.34	39,337.35
Totals.....	\$237,892.70	\$1,957,136.56	\$2,195,029.26	\$2,006,892.35	\$188,136.91
Transfers and entries other than receipts, credited to accounts, Table XIX.....	.....	388,663.12	.....	.....	.....
Transfers and entries other than expense charged to accounts, Table XXI.....	.....	.....	.....	391,497.17	.....
Net Receipts.....	.....	\$1,568,473.44	.....	.....	.....
Net Expenditures.....	.....	.....	.....	\$1,615,395.18	.....

See item numbers, pages 121-130, for details.

TABLE XII

## SUMMARY OF MAINTENANCE FUNDS

	1913-1914				
	Balance August 1, 1913	Credits to Support Fund	Total	Debits to Support Fund	Balance July 31, 1914
1. Support Fund.....	\$89,587.10*	\$1,472,543.05	\$1,562,130.15	\$1,438,031.19	\$124,098.96
2. Special University Support.....	40,725.50	329,024.50	369,750.00	333,733.83	36,016.17
3. Special University Repairs.....	2,635.67	41,399.45	44,035.12	29,053.30	14,981.82
4. Special Agriculture Support.....	21,071.54†	207,403.78	228,475.32	213,250.08	15,225.24
5. Special Agriculture Repairs.....	1,508.18	37,447.43	38,955.61	31,136.58	7,819.03
6. Substation Support.....	40,637.35†	140,929.29	181,566.64	166,707.72	14,858.92
Totals.....	\$196,165.34	\$2,228,747.50	\$2,424,912.84	\$2,211,912.70	\$213,000.14
Transfers and entries other than receipts, credited to accounts, Table XX.....	.....	333,170.26	.....	.....	.....
Transfers and entries other than expense charged to accounts, Table XXII.....	.....	.....	.....	339,356.88	.....
Net Receipts.....	.....	\$1,895,577.24	.....	.....	.....
Net Expenditures.....	.....	.....	.....	\$1,872,555.82	.....

\* Bookstore included, \$6,228.43.

† This increase of balances over the previous year is due to reimbursement of contingent funds transferred to the new year.

See item numbers, pages 141-148, for details.

TABLE XIII  
SUMMARY OF BUILDING AND EQUIPMENT FUNDS  
1912-1913

	Balance August 1, 1912	Credits to Funds	Total	Debits to Funds	Balance July 31, 1913
7. University Buildings.....	\$568,205.55	\$483,657.36	\$1,051,862.91	\$462,345.05	\$589,517.86
8. University Equipment.....	188,582.97	13,665.28	202,248.25	128,953.78	73,294.47
9. Agricultural Buildings.....	287,421.62	15,077.50	302,499.12	194,844.90	107,654.22
10. Agricultural Equipment.....	5,210.82	6,560.14	11,770.96	9,251.35	2,519.61
11. Crookston Buildings and Improvements.....	423.54	42,000.00	42,423.54	41,713.83	709.71
12. Grand Rapids Buildings and Improvements..	3,345.37	.....	3,345.37	2,886.83	458.54
13. Morris Buildings and Improvements.....	22,372.57	50,091.49	72,464.06	72,183.59	280.47
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$1,075,562.44	\$611,051.77	\$1,686,614.21	\$912,179.33	\$774,434.88
Items other than expense charged to accounts (See Table XXIII).....	.....	.....	.....	11,256.85	.....
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	.....	.....	.....	\$900,922.48	.....
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
UNCLASSIFIED	\$1,075,562.44	\$611,051.77	\$1,686,614.21	\$900,922.48	\$774,434.88
14. Educational Buildings .....	.....	\$14,500.00	\$14,500.00	.....	\$14,500.00
15. Agriculture Bookstore.....	\$4,593.01	14,120.04	18,713.05	\$12,484.62	6,228.43
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$4,593.01	\$28,620.04	\$33,213.05	\$12,484.62	\$20,728.43

Educational Building Funds were not carried into the above summary as the appropriations were not available until the succeeding year. The above amount was included in order for ledger reconciliation.

See item numbers, pages 131-138, for details.

TABLE XIV

SUMMARY OF BUILDING AND EQUIPMENT FUNDS

1913-1914

	Balance August 1, 1913	Credits to Funds	Total	Debits to Funds	Balance July 31, 1914
7. University Buildings.....	\$589,517.86	\$524,633.29	\$1,114,151.15	\$575,469.53	\$538,681.62
8. University Equipment.....	73,294.47	93,927.14	167,221.61	115,750.09	51,471.52
9. Agricultural Buildings.....	107,654.22	174,856.00	282,510.22	136,009.61	146,500.61
10. Agricultural Equipment.....	2,519.61	35,539.97	38,059.58	11,469.68	26,589.90
11. Crookston Buildings and Improvements.....	709.71	118,850.00	119,559.71	93,640.21	25,919.50
12. Grand Rapids Buildings and Improvements..	458.54	.....	458.54	458.54	.....
13. Morris Buildings and Improvements.....	280.47	9,000.00	9,280.47	9,233.50	46.97
14. Waseca Buildings and Improvements.....	.....	16,023.18	16,023.18	9,649.99	6,373.19
15. Duluth Buildings and Improvements.....	.....	5,000.00	5,000.00	2,419.15	2,580.85
	<u>\$774,434.88</u>	<u>\$977,829.58</u>	<u>\$1,752,264.46</u>	<u>\$954,100.30</u>	<u>\$798,164.16</u>
Items other than expense charged to accounts (see Table XXIV).....	.....	.....	.....	12,716.24	.....
	<u>\$774,434.88</u>	<u>\$977,829.58</u>	<u>\$1,752,264.46</u>	<u>941,384.06</u>	<u>\$798,164.16</u>

See item numbers, pages 149-157, for details.



TABLE XV

CREDITS TO MAINTENANCE FUNDS  
1912-1913

	Item	Amount
STANDING APPROPRIATIONS—		
23/100 Mill Tax.....	2	\$281,514.65
School of Mines Support.....	45	19,500.00
Fruit Farm Investigation.....	80	4,500.00
ANNUAL APPROPRIATIONS—		
General Support.....	1	325,000.00
Sundry Special Support.....	21-23-25-30-37-39- 41-43-91-47-49-51- 52-54-56-58-60-63- 64-65-67-68-70-73- 75-76-78-83-85-101- 102-106-114-117-122- 125	486,850.00
ADVANCE ON MILL TAX.....	246	100,000.00
ADVANCE ON LOAN.....	245	100,000.00
INTEREST ON INVESTMENTS—		
Swamp Land Interest.....	242	16,942.44
Land Interest.....	243	12,338.20
Interest on Bonds and Invest- ments .....	244	47,584.38
FEDERAL APPROPRIATIONS.....	256	85,000.00
FEES AND TUITION.....	247-248-108-119	219,377.96
RENTS CAMPUS HOUSES.....	98-99	10,590.90
SALE OF FARM PRODUCTS.....	48-50-53-57-59-61- 66-69-71-74-79-81- 109-115-120-123-249- 250	64,941.54
UNIVERSITY MISCELLANEOUS		
RECEIPTS .....	251-259-257-252-22- 24-26-38-40-42-44- 46-84-89-92-103-111	38,002.57
TRANSFERS .....	28-31-32-33-34-35- 36-96-100	27,255.77
DINING-HALL, etc.....	253-254-255-107-118	116,674.82
BREAKAGE DEPOSITS, CROOKSTON...	110	675.00
REFUNDS (Salary Checks).....	258-27	388.33
Total.....		<u>\$1,957,136.56</u>

See item numbers, pages 121-130, for details.

TABLE XVI

CREDITS TO MAINTENANCE FUNDS

1913-1914

	Item	Amount
STANDING APPROPRIATIONS—		
23/100 Mill Tax.....	2	\$324,806.03
School of Mines Support.....	42	19,500.00
General Investigation.....	64	49,500.00
ANNUAL APPROPRIATIONS—		
General Support.....	1	483,000.00
Sundry Special Support.....	20-22-24-29-35-37- 39-44-46-48-50-53- 56-57-59-62-68-69- 71-76-77-79-80-87- 90-95-98	525,500.00
ADVANCE ON MILL TAX.....	217	100,000.00
INTEREST ON INVESTMENTS—		
Swamp Land Interest.....	214	24,313.84
Land Interest.....	215	12,848.41
Interest on Bonds and Invest- ments .....	216	48,995.78
FEDERAL APPROPRIATIONS.....	228	80,000.00
FEEs AND TUITION.....	82-92-218-219 75-75A	234,178.94 10,199.38
SALE OF FARM PRODUCTS.....	49-51-54-58-60-63- 65-70-78-83-88-93- 96-99-220-221	72,791.64
UNIVERSITY MISCELLANEOUS RE- CEIPTS .....	21-23-25-26-36-38- 40-43-45-72-222-223- 229	71,665.83
TRANSFERS .....	30-31-32-33-34-35	27,897.47
DINING-HALL, etc.....	81-91-224-225-226- 227	142,321.75
BREAKAGE DEPOSITS, CROOKSTON...	84	815.00
REFUNDS (Salary Checks).....	230	413.43
Total.....		\$2,228,747.50

See item numbers, pages 141-148, for details.

TABLE XVII

## CREDITS TO BUILDING AND EQUIPMENT FUNDS

1912-1913

	Item	Amount
Appropriations .....	126-130-154-190-203- 204-210	\$371,000.00
Miscellaneous Receipts.....	127-147-163-179-181- 191-211	6,885.63
Insurance .....	134-151-176-189	41,664.05
Interest Certificates of Indebted- ness .....	146	39,300.00
Tax Collections .....	148	141,804.31
Transfers .....	137-144-153-159	10,397.78
Total .....		<u>\$611,051.77</u>

See item numbers, pages 133-140, for details.

TABLE XVIII

## CREDITS TO BUILDING AND EQUIPMENT FUNDS

1913-1914

	Item	Amount
Appropriations .....	101-102-103-117-118- 119-120-121-123-124- 143-144-145-146-147- 151-153-154-156-159- 160-162-175-177-178- 179-181-183-185-187- 188-192-193-199-203- 204-205-207-208-209- 210-211-212-213	\$913,800.00
Miscellaneous Receipts .....	108-112-135-150-152- 155-161-164-169-171- 176-180-182-206-115A	8,270.10
Tax Collections.....	115	43,104.20
Transfers .....	110-158-172	12,655.28
Total .....		<u>\$977,829.58</u>

See item numbers, pages 149-157, for details.

TABLE XIX

TRANSFERS AND ENTRIES OTHER THAN UNIVERSITY MAINTENANCE  
 RECEIPTS CREDITED TO ACCOUNTS

1912-1913

	Item	Amount
Refund Salary Checks Elliot Hospital Support .....	27	\$ 223.33
Transferred from Elliot Hospital Site to Elliot Hospital Support.....	28	1,830.00
Transferred to Fuel Fund from General Support .....	31-35-36	12,801.20
Transferred to Fuel Fund from Crookston Support .....	32	3,112.14
Transferred to Fuel Fund from Morris Support .....	33	2,094.82
Transferred to Fuel Fund from Elliot Hospital Support .....	34	5,462.00
Insurance—112 State St. S.E.....	99	306.50
Transferred from Campus Building Rents to Elliot Hospital Site.....	100	1,563.00
Dental Infirmary Receipts.....	252	14,147.19
Sanford Hall Fees.....	253	20,874.97
Shevlin Hall Fees.....	254	12,121.48
Dining-Hall Fees, Agricultural.....	255	62,778.72
Refund Salary Checks General Support...	258	165.00
Entry to Adjust.....	259	124.87
Correction Entry.....	111	166.61
Dining-Hall Receipts, Crookston.....	107	11,555.99
Dining-Hall Receipts, Morris.....	118	9,343.66
Advanced 23/100 Mill Tax.....	246	100,000.00
Minnesota Loan and Trust Company Loan	245	100,000.00
Refund Fees and Breakage Deposits, University .....	7	17,573.94
Refund Fees and Breakage Deposits, Agriculture .....	8	11,350.09
Refund Fees and Breakage Deposits, Crookston .....	110	675.00
Transfer Medical Science Laboratory to Medical Building Fire Loss.....	96	392.61
Total .....		<u>\$388,663.12</u>

See item numbers, pages 121-130, for details.

TABLE XX

TRANSFERS AND ENTRIES OTHER THAN UNIVERSITY MAINTENANCE  
RECEIPTS CREDITED TO ACCOUNTS

1913-1914

	Item	Amount
Refund Salary Checks Elliot Hospital Support .....	26	\$ 265.00
Transferred to Fuel Fund from General Support .....	30	12,695.51
Transferred to Fuel Fund from Agricultural Dining-Hall .....	31	4,696.87
Transferred to Fuel Fund from Crookston Support .....	33	2,500.00
Transferred to Fuel Fund from Morris Support .....	34	2,542.02
Transferred to Fuel Fund from Elliot Hospital Support .....	32	5,463.07
Dental Infirmary Receipts.....	223	21,303.47
Sanford Hall Fees.....	224	20,047.50
Shevlin Hall Fees.....	225	13,581.49
Dining-Hall Fees, Agriculture.....	226	66,967.41
Bookstore, Agriculture.....	227	15,537.96
Refund Salary Checks General Support...	230	413.43
Dining-Hall Receipts, Crookston.....	81	14,277.23
Dining-Hall Receipts, Morris.....	91	11,910.16
Refund Fees and Breakage Deposits, University .....	6	27,498.86
Refund Fees and Breakage Deposits, Crookston .....	84	815.00
Advanced 23/100 Mill Tax.....	217	100,000.00
Transferred to Anatomy Building from Equipment Fund .....	110	53.29
Transferred to Chemistry Building Equipment from Chemistry Building.....	158	9,000.00
Transferred to Engineering Building Equipment from Campus Fund.....	172	3,601.99
Total .....		\$333,170.26

See item numbers, pages 141-148, for details.

TABLE XXI

TRANSFERS AND ENTRIES OTHER THAN UNIVERSITY MAINTENANCE  
EXPENDITURES CHARGED TO ACCOUNTS

1912-1913

	Item	Amount
Transferred from General Support to Fuel Fund .....	4	\$ 12,801.20
Advance on 23/100 Mill Tax.....	5	100,000.00
Minnesota Loan and Trust Company Loan	6	100,000.00
Refund Fees and Breakage Deposits, University .....	7	17,573.94
Refund Fees and Breakage Deposits, Agriculture .....	8	11,350.09
Refund Fees and Breakage Deposits, Crookston .....	110	675.00
Overdraft Hatch Fund, year ending July 31, 1912 .....	9	716.64
Transferred from Elliot Hospital Support to Fuel Fund.....	29	5,462.00
Canceled by State Auditor.....	77-87-94-105	444.52
Contingent Funds.....	55-62-82-113-116-124	1,800.00
Transferred from Poultry Department to New Poultry House.....	72	3,965.00
Transferred from Crookston Support to Fuel Fund .....	112	3,112.14
Transferred from Morris Support to Fuel Fund .....	121	2,094.82
Dental Infirmary Receipts.....	3	14,147.19
Sanford Hall Fees.....	3	20,874.97
Shevlin Hall Fees.....	3	12,121.48
Dining-Hall Fees, Agriculture.....	3	62,778.72
Dining-Hall Fees, Crookston.....	107	11,555.99
Dining-Hall Fees, Morris.....	118	9,343.66
Salary Refunds Elliot Hospital Support...	27	223.33
Salary Refunds General Support.....	258	165.00
Entry to adjust.....	3-259	291.48
Total .....		\$391,497.17

See item numbers, pages 121-130, for details.

TABLE XXII

TRANSFERS AND ENTRIES OTHER THAN UNIVERSITY MAINTENANCE  
EXPENDITURES CHARGED TO ACCOUNTS

1913-1914

	Item	Amount
Transferred from General Support to Fuel Fund .....	4	\$ 12,695.51
Advance on 23/100 Mill Tax.....	5	100,000.00
Refund Fees and Breakage Deposits, University .....	6	27,498.86
Refund Fees and Breakage Deposits, Crookston .....	84	815.00
Canceled by State Auditor.....	47-133-136-138- 140-142-167-184- 186-189-191-196- 198-202	86.62
Contingent Funds.....	28-41-52-55-66- 73-86-89-97-100	6,100.00
Transferred from Crookston Support to Fuel Fund .....	85	2,500.00
Transferred from Morris Support to Fuel Fund .....	94	2,542.02
Transferred from Elliot Hospital Support to Fuel Fund.....	27	5,463.07
Transferred from Dining-Hall Support to Fuel Fund.....	4	4,696.87
Dental Infirmary Receipts.....	3	21,303.47
Sanford Hall Fees.....	3	20,047.50
Shevlin Hall Fees.....	3	13,581.49
Dining-Hall Fees, Agriculture.....	3	66,967.41
Dining-Hall Fees, Crookston.....	81	14,277.23
Dining-Hall Fees, Morris.....	91	11,910.16
Salary Refunds Elliot Hospital Support...	26	265.00
Salary Refunds General Support.....	230	413.43
Transferred from Chemistry Building to Equipment .....	105	9,000.00
Transferred from Campus Fund to Engineering Building Equipment.....	116	3,601.99
Transferred from Anatomy Building Equipment to Anatomy Building.....	165	53.29
Bookstore .....	3	15,537.96
Total .....		\$339,356.88

See item numbers, pages 141-148, for details.

TABLE XXIII

ITEMS CHARGED TO BUILDING AND EQUIPMENT FUNDS NOT PROPERLY EXPENSE

1912-1913

	Item	Amount
Transfers—Fire Proof Millard Hall to Dental Fire Loss....	135	\$4,493.28
Elliot Hospital Site to Campus Buildings Rents.....	141	1,563.00
Elliot Hospital Site to Elliot Hospital Support.....	142	1,830.00
Medical Science Laboratory to Medical Building.....	177	392.61
Anatomical Equipment to Anatomy Building.....	183	950.00
Heating Plant Contingent.....	128	2,000.00
Balances Canceled by State Auditor .....	156-193-196-198-200-202-214-216-218-222-224-227-230-232	27.96
Total .....		\$11,256.85

See item numbers, pages 133-140, for details.

TABLE XXIV

ITEMS CHARGED TO BUILDING AND EQUIPMENT FUNDS NOT PROPERLY EXPENSE

1913-1914

	Item	Amount
Transfers—Chemistry Building to Chemistry Building Equipment .....	105	\$9,000.00
Campus Fund to Engineering Building Equipment.....	116	3,601.99
Anatomical Building Equipment to Anatomy Building.....	165	53.29
Balances Canceled by State Auditor .....	133-136-138-140-142-167-184-186-189-191-196-198-202	60.96
Total .....		\$12,716.24

See item numbers, pages 149-157, for details.



TABLE XXV

## RECONCILING BALANCE SUPPORT FUND WITH STATE AUDITOR'S BOOKS

1912-1913

State Auditor's Balance, July 31, 1913.	\$20,830.00	
Contingent Funds:		
University Support Con-		
tingent .....	\$21,750.00	
Farm Support Contingent.	4,800.00	
Elliot Hospital Contingent.	250.00	
		26,800.00
Advance 23/100 Mill Tax.....	100,000.00	
		\$147,630.00
July Pay Roll entered in State Audit-		
or's books in August.....	\$69,162.84	
July Receipts entered in State Auditor's		
books in August.....	4,891.51	
		64,271.33
University Balance, July 31, 1913.....		\$83,358.67
Support Balances, July 31, 1913:		
University .....	\$24,834.47	
Hatch Fund .....	790.95	
Morrill Fund .....	22,916.69	
Nelson Fund .....	22,163.77	
Adams Fund .....	3,179.50	
Sanford Hall .....	3,825.59	
Shevlin Hall .....	1,796.60	
Dining-Hall .....	3,382.11	
Gymnasium Fund .....	22.31	
Hospital Fund .....	12.25	
Photo Fund .....	434.43	
		\$83,358.67

TABLES OF FUNDS SHOWING CREDITS, DEBITS, AND BALANCES

TABLE XXVI

SUPPORT FUND

1912-1913

NOTE.—Items in Received Column are appropriations unless otherwise designated.

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
1. General Support.....	\$136,500.22	\$325,000.00	.....	.....	.....
2. 23/100 Mill Tax.....	.....	281,514.65	.....	.....	.....
3. Miscellaneous Receipts as per Table XXXIX .....	.....	730,904.04	\$1,473,918.91	\$1,148,118.37	.....
4. Transferred from Fuel Fund.....	.....	.....	.....	12,801.20	.....
5. Transferred by State Auditor Advanced Tax Money .....	.....	.....	.....	100,000.00	.....
6. Minnesota Loan and Trust Company Loan.. .....	.....	.....	.....	100,000.00	.....
7. Refund Fees and Breakage Deposit, University .....	.....	.....	.....	17,573.94	.....
8. Refund Fees and Breakage Deposit, Agriculture .....	.....	.....	.....	11,350.09	.....
9. Overdraft Hatch Fund August 1, 1912*.....	.....	.....	.....	716.64	.....
BALANCES TRANSFERRED TO NEW LEDGER:					
10. University Support.....	.....	.....	.....	.....	\$24,834.47
11. Hatch Fund.....	.....	.....	.....	.....	790.95

TABLE XXVI—Continued

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
12. Morrill Fund.....					\$22,916.69
13. Nelson Fund.....					22,163.77
14. Adams Fund.....					3,179.50
15. Sanford Hall.....					3,825.59
16. Shevlin Hall.....					1,796.60
17. Dining-Hall, Agriculture .....					3,382.11
18. Gymnasium Fund.....					22.31
19. Hospital Fund.....					12.25
20. Photo Laboratory Fund.....					434.43
Total .....	\$136,500.22	\$1,337,418.69	\$1,473,918.91	\$1,390,560.24	\$83,358.67

\* Government Remittance due July 1, not received until after August 1.

TABLE XXVII

## UNIVERSITY SPECIAL SUPPORT FUNDS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
21. Library .....	\$ 2,281.68	\$ 10,000.00	.....	.....	.....
22. Miscellaneous Receipts .....	.....	98.80	\$ 12,380.48	\$ 11,270.85	\$ 1,109.63
23. Law Library .....	894.76	5,000.00	.....	.....	.....
24. Miscellaneous Receipts .....	.....	594.71	6,489.47	6,489.47	.....
25. Elliot Hospital Support.....	16,737.66	79,600.00	.....	.....	.....
26. Miscellaneous Receipts.....	.....	2,680.10	.....	.....	.....
27. Refund Warrants (Canceled State Treasurer's checks) .....	.....	223.33	.....	.....	.....
28. Transferred from Elliot Hospital Site.....	.....	1,830.00	101,071.09	82,734.03	.....
29. Transferred to Fuel Fund.....	.....	.....	.....	5,462.00	12,875.06
30. University Fuel Fund.....	.....	50,000.00	.....	.....	.....
31. Transferred from University Support.....	.....	9,115.40	.....	.....	.....
32. Transferred from Crookston.....	.....	3,112.14	.....	.....	.....
33. Transferred from Morris.....	.....	2,094.82	.....	.....	.....
34. Transferred from Elliot Hospital.....	.....	5,462.00	.....	.....	.....
35. Transferred from Sanford Hall.....	.....	236.47	.....	.....	.....
36. Transferred from Agricultural Dining-Hall .....	.....	3,449.33	73,470.16	73,461.51	8.65
37. Scientific Books and Instruments.....	9,556.10	25,000.00	.....	.....	.....
38. Miscellaneous Receipts.....	.....	248.50	34,804.60	25,247.84	9,556.76
39. Research and Publication.....	6,449.65	10,000.00	.....	.....	.....
40. Miscellaneous Receipts.....	.....	181.70	16,631.35	10,481.48	6,149.87

TABLE XXVII—Continued

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
41. University Extension Work.....	\$2,764.22	\$10,000.00	.....	.....	.....
42. Miscellaneous Receipts.....	.....	266.32	\$13,030.54	\$12,913.35	\$117.19
43. Geological Survey.....	6,250.49	6,500.00	.....	.....	.....
44. Miscellaneous Receipts.....	.....	692.24	13,442.73	6,621.97	6,820.76
45. Mines Support and Experiment Station.....	3,445.50	19,500.00	.....	.....	.....
46. Miscellaneous Receipts.....	.....	.90	22,946.40	18,858.82	4,087.58
Total .....	<u>\$48,380.06</u>	<u>\$245,886.76</u>	<u>\$294,266.82</u>	<u>\$253,541.32</u>	<u>\$40,725.50</u>

TABLE XXVIII

## UNIVERSITY FARM SPECIAL SUPPORT FUNDS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
47. Hog Cholera .....	\$ 4,445.55	\$ 4,000.00	.....	.....	.....
48. Miscellaneous Receipts.....	.....	6,275.25	\$ 14,720.80	\$ 10,397.75	\$ 4,323.05
49. Alcohol Plant.....	.....	2,000.00	.....	.....	.....
50. Miscellaneous Receipts.....	.....	164.16	2,164.16	2,101.82	62.34
51. Soil Investigation.....	66.02	2,000.00	2,066.02	1,993.92	72.10
52. Horticultural Crops.....	800.38	2,000.00	.....	.....	.....
53. Miscellaneous Receipts.....	.....	427.44	3,227.82	2,124.97	1,102.85
54. Dairy Extension Work.....	650.56	3,000.00	3,650.56	2,743.06	.....
55. Contingent Fund.....	.....	.....	.....	200.00	707.50
56. Injurious Insects.....	387.38	1,500.00	.....	.....	.....
57. Miscellaneous Receipts.....	.....	16.66	1,904.04	1,894.94	9.10
58. Field Crops.....	3,722.21	5,000.00	.....	.....	.....
59. Miscellaneous Receipts.....	.....	355.98	9,078.19	7,187.45	1,890.74
60. Forestry School Support.....	2,826.60	11,500.00	.....	.....	.....
61. Miscellaneous Receipts.....	.....	30.75	14,357.35	13,482.02	.....
62. Contingent Fund.....	.....	.....	.....	200.00	675.33
63. Farm Library.....	1,191.66	6,000.00	7,191.66	5,498.14	1,693.52
64. Drainage .....	1,177.67	2,000.00	3,177.67	2,214.83	962.84

TABLE XXVIII—Continued

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
65. Plant Diseases.....	\$503.85	\$1,500.00	.....	.....	.....
66. Miscellaneous Receipts.....	.....	184.95	\$2,188.80	\$2,120.33	\$68.47
67. Tobacco Culture.....	942.53	2,000.00	2,942.53	2,003.72	938.81
68. Eradication of Weeds.....	723.06	1,000.00	.....	.....	.....
69. Miscellaneous Receipts.....	.....	343.27	2,066.33	1,054.46	1,011.87
70. Poultry Department.....	3,603.84	5,000.00	.....	.....	.....
71. Miscellaneous Receipts.....	.....	616.21	9,220.05	4,048.45	.....
72. Transferred to New Poultry House.....	.....	.....	.....	3,965.00	1,206.60
73. Board of Regents Timber Preservation.....	1,903.39	1,500.00	.....	.....	.....
74. Miscellaneous Receipts.....	.....	55.59	3,458.98	1,117.27	2,341.71
75. Agricultural Engineering Investigation.....	216.87	500.00	716.87	433.99	282.88
76. Farm Management.....	130.05	1,500.00	1,630.05	1,628.03	.....
77. Canceled by State Auditor.....	.....	.....	.....	2.02	.....
78. Animal Nutrition.....	2,407.69	2,500.00	.....	.....	.....
79. Miscellaneous Receipts.....	.....	316.58	5,224.27	4,408.93	815.34
80. Fruit Farm Investigations.....	919.13	4,500.00	.....	.....	.....
81. Miscellaneous Receipts.....	.....	1,524.83	6,943.96	5,795.47	.....
82. Contingent.....	.....	.....	.....	100.00	1,048.49
83. Agricultural Extension.....	2,948.45	40,000.00	.....	.....	.....
84. Miscellaneous Receipts.....	.....	63.59	43,012.04	41,677.79	1,334.25

TABLE XXVIII—Continued

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
85. Premiums .....	\$264.75	\$2,000.00	\$2,264.75	\$2,241.00	\$23.75
86. Seeds and Experiments.....	514.30	.....	514.30	87.20	.....
87. Canceled by State Auditor.....	.....	.....	.....	427.10	.....
88. Military Instruction.....	97.55	.....	.....	.....	.....
89. Miscellaneous Receipts.....	.....	7.00	104.55	104.55	.....
90. Forest Lands.....	542.25	.....	542.25	542.25	.....
Total .....	\$30,985.74	\$111,382.26	\$142,368.00	\$121,796.46	\$20,571.54



TABLE XXIX

## UNIVERSITY REPAIR FUNDS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
91. University Repairs.....	\$ 4,342.70	\$25,000.00	.....	.....	.....
92. Miscellaneous Receipts.....	.....	6,851.75	\$36,194.45	\$34,540.00	\$1,654.45
93. Water Mains .....	916.87	.....	916.87	901.57	.....
94. Canceled by State Auditor.....	.....	.....	.....	15.30	.....
95. Medical Building Fire Loss.....	218.43	.....	.....	.....	.....
96. Transferred from Medical Science Laboratory Fire Loss.....	.....	392.61	611.04	611.04	.....
97. Campus Buildings Rents.....	9,356.19	.....	.....	.....	.....
98. Rents .....	.....	10,284.40	.....	.....	.....
99. Insurance 112 State St. S.E.....	.....	306.50	.....	.....	.....
100. Transferred from Elliot Hospital Site....	.....	1,563.00	21,510.09	.....	.....
100A. Repairs Houses .....	.....	.....	.....	3,606.43	.....
100B. Campus Maintenance .....	.....	.....	.....	16,922.44	981.22
Total .....	\$14,834.19	\$44,398.26	\$59,232.45	\$56,596.78	\$2,635.67

TABLE XXX

UNIVERSITY FARM REPAIR FUNDS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
101. Campus Repairs .....	\$ 910.21	\$ 2,500.00	\$ 3,410.21	\$ 3,128.89	\$ 281.32
102. Repairs .....	2,895.80	10,000.00	.....	.....	.....
103. Miscellaneous Receipts.....	.....	1,312.28	14,208.08	12,981.22	1,226.86
104. Dining-Hall Repairs .....	16.10	.....	16.10	16.00	.....
105. Canceled by State Auditor.....	.....	.....	.....	.10	.....
Total .....	<u>\$3,822.11</u>	<u>\$13,812.28</u>	<u>\$17,634.39</u>	<u>\$16,126.21</u>	<u>\$1,508.18</u>

TABLE XXXI

## SUBSTATION SUPPORT FUNDS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
106. Crookston School Support.....	\$1,787.85	\$ 30,000.00	.....	.....	.....
107. Dining-Hall .....	.....	11,555.99	.....	.....	.....
108. Fees .....	.....	1,127.00	.....	.....	.....
109. Miscellaneous Receipts.....	.....	9,009.14	.....	.....	.....
110. Breakage Deposits.....	.....	675.00	.....	.....	.....
111. Correctional Entry <i>re</i> 1912.....	.....	166.61	\$ 54,321.59	\$ 49,565.38	.....
112. Transferred to Fuel Fund.....	.....	.....	.....	3,112.14	.....
113. Contingent Fund .....	.....	.....	.....	500.00	\$ 1,144.07
114. Grand Rapids Support.....	850.31	7 000.00	.....	.....	.....
115. Miscellaneous Receipts.....	.....	7,943.49	15,793.80	15,250.03	.....
116. Contingent Fund.....	.....	.....	.....	300.00	243.77
117. Morris School Support.....	732.22	19,750.00	.....	.....	.....
118. Dining-Hall .....	.....	9,343.66	.....	.....	.....
119. Fees .....	.....	1,728.50	.....	.....	.....
120. Miscellaneous Receipts.....	.....	5,763.75	37,318.13	34,969.96	.....
121. Transferred to Fuel Fund.....	.....	.....	.....	2,094.82	253.35
122. Duluth Farm Support.....	.....	65,000.00	.....	.....	.....
123. Miscellaneous Receipts.....	.....	175.17	65,175.17	27,302.07	.....
124. Contingent Fund.....	.....	.....	.....	500.00	37,373.10
125. Waseca Experiment Station.....	.....	35,000.00	35,000.00	34,676.94	323.06
Total .....	\$3,370.38	\$204,238.31	\$207,608.69	\$168,271.34	\$39,337.35

TABLE XXXII

## UNIVERSITY BUILDING FUNDS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
126. Heating Plant.....	\$127,212.23	\$ 35,000.00	.....	.....	.....
127. Miscellaneous Receipts.....	.....	28.78	\$ 162,241.01	\$159,061.76	.....
128. Carried in Contingent.....	.....	.....	.....	2,000.00	.....
129. Auditor's Balance.....	.....	.....	.....	.....	\$ 1,179.25
130. Chemistry Building.....	169,750.37	230,000.00	399,750.37	8,927.43	390,822.94
131. Medical Science Building.....	.....	.....	.....	.....	.....
132. Alterations .....	24,992.00	.....	24,992.00	24,992.00	.....
133. Fire-Proofing Millard Hall.....	121,898.20	.....	.....	.....	.....
134. Insurance .....	.....	1,094.99	122,993.19	83,657.12	.....
135. Transferred to Dentistry Fire Loss.....	.....	.....	.....	4,493.28	34,842.79
136. Anatomy Building.....	46,969.26	.....	.....	.....	.....
137. Transferred from Anatomy Building Equip- ment .....	.....	950.00	47,919.26	44,447.05	3,472.21
138. Elliot Hospital Building.....	515.58	.....	515.58	515.58	.....
139. General Medical Building.....	61,583.51	.....	61,583.51	61,583.51	.....
140. Elliot Hospital Site.....	5,366.22	.....	5,366.22	1,973.22	.....
141. Transferred to Campus Building Rents...	.....	.....	.....	1,563.00	.....
142. Transferred to Elliot Hospital Support...	.....	.....	.....	1,830.00	.....
143. Dental Fire Loss.....	.....	.....	.....	.....	.....
144. Transferred from Fire-Proofing Millard Hall .....	.....	4,493.28	4,493.28	.....	4,493.28

TABLE XXXII--Continued

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
145. Campus Fund.....	\$9,300.88	.....	.....	.....	.....
146. Interest on Certificates of Indebtedness...	.....	\$39,300.00	.....	.....	.....
147. Miscellaneous Receipts.....	.....	4,050.00	.....	.....	.....
148. Tax Collections.....	.....	141,804.31	\$194,455.19	\$66,591.90	\$127,863.29
149. Girls' Dormitory.....	617.30	.....	617.30	617.30	.....
150. Fire Loss School of Mines Building.....	.....	.....	.....	.....	.....
151. Insurance April 17-July 31, 1913.....	.....	26,936.00	26,936.00	91.90	26,844.10
Total .....	\$568,205.55	\$483,657.36	\$1,051,862.91	\$462,345.05	\$589,517.86

TABLE XXXIII

## UNIVERSITY FARM BUILDING FUNDS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
152. New Poultry House.....	.....	.....	.....	.....	.....
153. June 2, 1913, transferred from Poultry Department .....	.....	\$ 3,965.00	\$ 3,965.00	\$ 1,741.00	\$ 2,224.00
154. Sewers .....	.....	10,000.00	10,000.00	9,439.87	560.13
155. Ladies' Dormitory.....	\$ 2,599.95	.....	2,599.95	2,599.35	.....
156. Canceled by State Auditor.....	.....	.....	.....	.60	.....

TABLE XXXIII—Continued

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
157. Mechanic Arts Building and Equipment....	\$221,330.73	.....	.....	.....	.....
158. Temporary Payments Advanced from....	.....	.....	.....	.....	.....
159. Crookston Science Building.....	.....	\$989.50	\$222,320.23	\$151,946.47	\$70,373.76
160. Hog House .....	2,500.00	.....	2,500.00	2,402.98	97.02
161. Horse Barn .....	77.34	.....	77.34	77.34	.....
162. Electric Wiring .....	2,288.72	.....	.....	.....	.....
163. Miscellaneous Receipts.....	.....	123.00	2,411.72	2,168.69	243.03
164. Heating Tunnel.....	2,959.50	.....	2,959.50	940.90	2,018.60
165. Power House Repairs.....	14,546.00	.....	14,546.00	8,748.27	5,797.73
166. Girls' Dormitory Basement.....	145.87	.....	145.87	145.87	.....
167. Remodeling Barn.....	5,000.00	.....	5,000.00	630.44	4,369.56
168. Water Mains.....	9,159.95	.....	9,159.95	5,403.65	3,756.30
169. Drill Hall .....	10,000.00	.....	10,000.00	57.50	9,942.50
170. Dairy Hall .....	4,205.45	.....	4,205.45	2,762.83	1,442.62
171. Coal Bunkers .....	3,596.12	.....	3,596.12	3,176.72	419.40
172. Agriculture Farm Lands.....	3,238.67	.....	3,238.67	.....	3,238.67
173. Board of Regents Lands.....	2,917.97	.....	2,917.97	.....	2,917.97
174. Dairy Pavilion .....	2,855.35	.....	2,855.35	2,602.42	252.93
Total .....	\$287,421.62	\$15,077.50	\$302,499.12	\$194,844.90	\$107,654.22

TABLE XXXIV

## UNIVERSITY EQUIPMENT FUNDS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
175. Medical Science Laboratory Fire Loss.....	\$ 2,442.72	.....	.....	.....	.....
176. Insurance .....	.....	\$ 191.23	\$ 2,633.95	\$ 2,241.34	.....
177. Transferred to Medical Science Building Fire Loss .....	.....	.....	.....	392.61	.....
178. College of Dental Equipment.....	19,711.00	.....	.....	.....	.....
179. Miscellaneous Receipts.....	.....	27.40	19,738.40	18,987.75	\$ 750.65
180. Medical Building Equipment.....	58,384.46	.....	.....	.....	.....
181. Miscellaneous Receipts.....	.....	4.82	58,389.28	49,952.23	8,437.05
182. Anatomy Building Equipment.....	66,338.96	.....	66,338.96	23,068.55	.....
183. Transferred to Anatomy Building Fund...	.....	.....	.....	950.00	42,320.41
184. Elliot Hospital Equipment.....	14,368.18	.....	14,368.18	12,033.28	2,334.90
185. Engineering Building Equipment.....	18,639.15	.....	18,639.15	11,962.98	6,676.17
186. Engineering Laboratory Equipment.....	8,592.75	.....	8,592.75	5,866.45	2,726.30
187. Bacteriological Laboratory Equipment.....	105.75	.....	105.75	105.75	.....
188. Fire Loss School of Mines Contents.....	.....	.....	.....	.....	.....
189. Insurance April 17-July 31, 1913.....	.....	13,441.83	13,441.83	3,392.84	10,048.99
Total .....	\$188,582.97	\$13,665.28	\$202,248.25	\$128,953.78	\$73,294.47

TABLE XXXV

UNIVERSITY FARM EQUIPMENT FUNDS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
190. Live Stock.....	\$3,059.27	\$4,000.00	.....	.....	.....
191. Miscellaneous Receipts.....	.....	2,560.14	\$ 9,619.41	\$7,099.80	\$2,519.61
192. Girls' Dormitory Equipment.....	2,151.55	.....	2,151.55	2,148.52	.....
193. Canceled by State Auditor.....	.....	.....	.....	3.03	.....
Total .....	\$5,210.82	\$6,560.14	\$11,770.96	\$9,251.35	\$2,519.61



TABLE XXXVI  
 NORTHWEST SCHOOL AND EXPERIMENT STATION, CROOKSTON  
 BUILDINGS AND IMPROVEMENTS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
194. School Buildings .....	\$163.58	.....	\$163.58	\$163.58	.....
195. Trees and Shrubbery.....	105.75	.....	105.75	104.52	.....
196. Canceled by State Auditor.....	.....	.....	.....	1.23	.....
197. Farm House .....	60.67	.....	60.67	60.00	.....
198. Canceled by State Auditor.....	.....	.....	.....	.67	.....
199. Painting .....	54.00	.....	54.00	53.85	.....
200. Canceled by State Auditor.....	.....	.....	.....	.15	.....
201. Bridges .....	39.54	.....	39.54	39.20	.....
202. Canceled by State Auditor.....	.....	.....	.....	.34	.....
203. Science Laboratory and Equipment.....	.....	\$40,000.00	40,000.00	40,000.00	.....
204. Grading and Grounds.....	.....	2,000.00	2,000.00	1,290.29	\$709.71
Total .....	\$423.54	\$42,000.00	\$42,423.54	\$41,713.83	\$709.71

TABLE XXXVII  
NORTH CENTRAL EXPERIMENT STATION, GRAND RAPIDS  
BUILDINGS AND IMPROVEMENTS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
205. Drainage .....	\$ 302.71	.....	\$ 302.71	\$ 201.65	\$101.06
206. New Well .....	257.41	.....	257.41	113.96	143.45
207. Creamery Equipment.....	2,785.25	.....	2,785.25	2,571.22	214.03
Total .....	\$3,345.37	.....	\$3,345.37	\$2,886.83	\$458.54

TABLE XXXVIII  
WEST CENTRAL SCHOOL AND EXPERIMENT STATION, MORRIS  
BUILDINGS AND IMPROVEMENTS

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
208. School Improvement.....	\$737.31	.....	\$737.31	\$737.31	.....
209. Heating Plant.....	916.85	.....	916.85	916.85	.....
210. Boys' Dormitory.....	.....	\$50,000.00	.....	.....	.....
211. Miscellaneous Receipts.....	.....	91.49	50,091.49	49,872.73	\$218.76
212. Girls' Dormitory.....	13,325.60	.....	13,325.60	13,263.89	61.71
213. Equipment and Sidewalks.....	3,256.10	.....	3,256.10	3,255.85	.....
214. Canceled by State Auditor.....	.....	.....	.....	.25	.....
215. Hog, Sheep, and Poultry.....	41.09	.....	41.09	41.08	.....
216. Canceled by State Auditor.....	.....	.....	.....	.01	.....

TABLE XXXVIII—Continued

Item No.	Balance August 1, 1912	Received	Total	Expended	Balance July 31, 1913
217. Cow Barn .....	\$431.03	.....	\$431.03	\$426.75	.....
218. Canceled by State Auditor.....	.....	.....	.....	4.28	.....
219. Laundry Basement .....	36.44	.....	36.44	36.44	.....
220. Hospital Repairs .....	71.16	.....	71.16	71.16	.....
221. Water, Light, and Sewer.....	64.25	.....	64.25	64.17	.....
222. Canceled by State Auditor.....	.....	.....	.....	.08	.....
223. Building and Equipment.....	141.64	.....	141.64	137.86	.....
224. Canceled by State Auditor.....	.....	.....	.....	3.78	.....
225. Fencing .....	793.72	.....	793.72	793.72	.....
226. Drainage .....	768.27	.....	768.27	767.86	.....
227. Canceled by State Auditor.....	.....	.....	.....	.41	.....
228. Live Stock .....	218.64	.....	218.64	218.64	.....
229. Dining Hall and Kitchen Equipment.....	1,130.64	.....	1,130.64	1,127.09	.....
230. Canceled by State Auditor.....	.....	.....	.....	3.55	.....
231. Library and Office Equipment.....	439.83	.....	439.83	430.25	.....
232. Canceled by State Auditor.....	.....	.....	.....	9.58	.....
Total .....	\$22,372.57	\$50,091.49	\$72,464.06	\$72,183.59	\$280.47
UNCLASSED					
233. Bookstore .....	\$4,593.01	.....	.....	.....	.....
234. Miscellaneous Receipts.....	.....	\$14,120.04	\$18,713.05	\$12,484.62	\$6,228.43
Total .....	\$4,593.01	\$14,120.04	\$18,713.05	\$12,484.62	\$6,228.43

## TABLE XXXIX

## RECEIPTS CREDITED TO UNIVERSITY SUPPORT FUND

1912-1913

Item No.		
242.	Interest on Principal Derived from Sale of Swamp Land	\$ 16,942.44
243.	Land Interest .....	12,338.20
244.	Interest on Bonds and Invested Funds.....	47,584.38
245.	Minnesota Loan and Trust Company (Temporary Loan)	100,000.00
246.	Advance Loan on 23/100 Mill Tax.....	100,000.00
247.	Students' Fees, University.....	196,161.05
248.	Students' Fees, Agriculture.....	20,361.41
249.	Miscellaneous Receipts, Agriculture.....	28,569.55
250.	Experiment Station, Agricultural.....	3,168.77
251.	General University Miscellaneous.....	10,323.14
252.	Dental Infirmary .....	14,147.19
253.	Sanford Hall Fees.....	20,874.97
254.	Shevlin Hall Fees.....	12,121.48
255.	Dining-Hall Fees, Agricultural.....	62,778.72
256.	Received from Government.....	85,000.00
257.	Interest on Bank Deposits.....	242.87
258.	Refunds (Salary Checks Canceled).....	165.00
259.	Entry to Adjust.....	124.87
		<hr/>
		\$730,904.04
	<i>Re</i> items Nos. 245 and 246.....	200,000.00
		<hr/>
	Total .....	\$530,904.04

TABLE XL

## RECONCILING BALANCE SUPPORT FUND WITH STATE AUDITOR'S BOOKS

1913-1914

State Auditor's Balance, July 31, 1914.	\$65,692.65	
Contingent Funds:		
University Support Con-		
tingent .....	\$26,340.00	
Farm Support Contingent.	4,800.00	
Sanford Hall Contingent..	35.00	
Shevlin Hall Contingent...	25.00	
Dental Infirmary Contin-		
gent .....	100.00	
		<hr/>
	31,300.00	
Advanced 23/100 Mill Tax.....	100,000.00	
		<hr/>
		\$196,992.65
July Pay Roll debited on State Audit-		
or's books in August.....	\$79,679.24	
Less July Receipts credited on State		
Auditor's books in August.....	6,785.55	
		<hr/>
		72,893.69
		<hr/>
University Balance, July 31, 1914.....		\$124,098.96
Support Balances July 31, 1914:		
University .....	\$62,009.37	
Bookstore .....	6,216.79	
Sanford Hall .....	2,684.23	
Shevlin Hall .....	782.79	
Summer Shevlin Hall.....	738.44	
Morrill Fund .....	22,916.69	
Nelson Fund .....	22,001.28	
Hatch Fund .....	466.62	
Adams Fund .....	2,997.44	
Dining-Hall .....	2,376.67	
Photo Laboratory .....	819.00	
Hospital Fund .....	84.05	
Gymnasium Fund .....	5.59	
		<hr/>
		\$124,098.96

TABLES OF FUNDS SHOWING CREDITS, DEBITS, AND BALANCES

TABLE XLI

SUPPORT FUND

1913-1914

NOTE.—Items in Received Column are appropriations unless otherwise designated.

Item No.		Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
1.	General Support:*					
	Support .....	\$83,358.67				
	Bookstore, Agriculture .....	6,228.43	\$483,000.00			
2.	23/100 Mill Tax.....		324,806.03			
3.	Miscellaneous Receipts as per Table LVI †...		664,737.02	\$1,562,130.15	\$1,293,139.95	
4.	Transferred from Fuel Fund.....				17,392.38	
5.	Transferred by State Auditor Advance Tax Money .....				100,000.00	
6.	Refund Fees and Breakage, University.....				27,498.86	
BALANCES TRANSFERRED TO NEW LEDGER:						
7.	University Support.....					\$62,009.37
8.	Bookstore .....					6,216.79
9.	Sanford Hall.....					2,684.23
10.	Shevlin Hall.....					782.79
11.	Summer Shevlin Hall .....					738.44

TABLE XLI—Continued

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
12. Morrill Fund.....	.....	.....	.....	.....	\$22,916.69
13. Nelson Fund.....	.....	.....	.....	.....	22,001.28
14. Hatch Fund .....	.....	.....	.....	.....	466.62
15. Adams Fund.....	.....	.....	.....	.....	2,997.44
16. Dining-Hall, Agriculture .....	.....	.....	.....	.....	2,376.67
17. Photo Laboratory Fund.....	.....	.....	.....	.....	819.00
18. Hospital Fund.....	.....	.....	.....	.....	84.05
19. Gymnasium Fund.....	.....	.....	.....	.....	5.59
Total .....	\$89,587.10	\$1,472,543.05	\$1,562,130.15	\$1,438,031.19	\$124,098.96

\*Bookstore transferred to University Support after Annual Report was published.

†Expenditures included July pay roll for Morris Support and Dining-Hall \$1,595.15. Agriculture breakage and military deposits were kept separate this year and Support account credited with the Net Credit Balances.

TABLE XLII

## UNIVERSITY SPECIAL SUPPORT FUNDS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
20. General Library.....	\$ 1,109.63	\$ 20,000.00	.....	.....	.....
21. Miscellaneous Receipts.....	.....	45.56	\$ 21,155.19	\$ 19,866.88	\$ 1,288.31
22. Law Library.....	.....	5,000.00	.....	.....	.....
23. Miscellaneous Receipts.....	.....	253.00	5,253.00	3,866.71	1,386.29
24. Elliot Hospital Support.....	12,875.06	80,000.00	.....	.....	.....
25. Miscellaneous Receipts.....	.....	4,813.64	.....	.....	.....
26. State Treasurer's Warrant Canceled.....	.....	265.00	97,953.70	85,558.00*	.....
27. Transferred to Fuel Fund.....	.....	.....	.....	5,463.07	.....
28. Contingent Fund.....	.....	.....	.....	500.00	6,432.63
29. Fuel Fund.....	8.65	60,000.00	.....	.....	.....
30. Transferred from University Support.....	.....	12,695.51	.....	.....	.....
31. Transferred from Farm Dining-Hall.....	.....	4,696.87	.....	.....	.....
32. Transferred from Elliot Hospital.....	.....	5,463.07	.....	.....	.....
33. Transferred from Crookston.....	.....	2,500.00	.....	.....	.....
34. Transferred from Morris.....	.....	2,542.02	87,906.12	87,906.12	.....
35. Research and Publication.....	6,149.87	10,000.00	.....	.....	.....
36. Miscellaneous Receipts.....	.....	164.64	16,314.51	8,319.71	7,994.80
37. Scientific Books and Instruments.....	9,556.76	25,000.00	.....	.....	.....
38. Miscellaneous Receipts.....	.....	105.54	34,662.30	25,304.74	9,357.56



TABLE XLII—Continued

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
39. General Extension Work.....	\$117.19	\$40,000.00	.....	.....	.....
40. Miscellaneous Receipts and Fees.....	.....	29,342.32	\$69,459.51	\$65,253.49	.....
41. Contingent Fund.....	.....	.....	.....	2,500.00	\$1,706.02
42. School of Mines and Experiment Station....	4,087.58	19,500.00	.....	.....	.....
43. Miscellaneous Receipts	.....	76.00	23,663.58	22,123.09	1,540.49
44. Geological Survey.....	\$6,820.76	\$6,500.00	.....	.....	.....
45. Miscellaneous Receipts.....	.....	61.33	13,382.09	7,072.02	6,310.07
Total .....	\$40,725.50	\$329,024.50	\$369,750.00	\$333,733.83	\$36,016.17

\*1913-1914 increase of expenditures for biennium of \$167.40 is due to the fact that payments for quarantine cases in contagious wards had not been credited.

TABLE XLIII

## UNIVERSITY FARM SPECIAL SUPPORT FUNDS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
46. Agricultural Timber Purchase Cloquet.....		\$ 8,600.00	\$ 8,600.00	\$ 8,574.34	.....
47. Canceled by State Auditor.....		.....	.....	25.66	.....
48. Agricultural Library.....	\$ 1,693.52	9,000.00	.....	.....	.....
49. Miscellaneous Receipts.....	.....	8.60	10,702.12	9,556.35	\$ 1,145.77
50. Agricultural Extension.....	2,241.75	65,000.00	.....	.....	.....
51. Miscellaneous Receipts.....	.....	3,969.81	71,211.56	70,734.46	.....
52. Contingent Fund.....	.....	.....	.....	200.00	277.10
53. Forestry School Support.....	3,217.04	15,500.00	.....	.....	.....
54. Miscellaneous Receipts.....	.....	149.75	18,866.79	18,267.24	.....
55. Contingent Fund.....	.....	.....	.....	400.00	199.55
56. Seed Testing.....	.....	1,500.00	1,500.00	1,497.45	2.55
57. Tobacco Culture.....	938.81	2,000.00	.....	.....	.....
58. Miscellaneous Receipts.....	.....	16.90	2,955.71	1,606.73	1,348.98
59. Hog Cholera Serum.....	.....	25,000.00	.....	.....	.....
60. Miscellaneous Receipts.....	.....	9,126.65	34,126.65	32,185.47	1,941.18
61. Alcohol Plant.....	62.34	.....	62.34	62.34	.....
62. Bee Culture.....	.....	3,000.00	.....	.....	.....
63. Miscellaneous Receipts.....	.....	6.00	3,006.00	2,860.07	145.93
64. General Investigation.....	12,253.53	49,500.00	.....	.....	.....
65. Miscellaneous Receipts.....	.....	7,234.77	68,988.30	60,058.64	.....

TABLE XLIII—Continued

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
66. Contingent Fund.....				\$100.00	\$8,829.66
67. Premiums .....	\$23.75		\$23.75	23.75	
68. Seed Analysis.....		\$5,000.00	5,000.00	5,000.00	
69. Fruit Farm.....	640.80	2,000.00			
70. Miscellaneous Receipts.....		791.30	3,432.10	2,097.58	1,334.52
Total .....	\$21,071.54	\$207,403.78	\$228,475.32	\$213,250.08	\$15,225.24

TABLE XLIV

## UNIVERSITY REPAIR FUNDS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
71. University Repairs.....	\$1,654.45	\$25,000.00			
72. Miscellaneous Receipts.....		6,200.07	\$32,854.52	\$22,341.62	
73. Contingent Fund .....				1,000.00	\$ 9,512.90
74. Campus Buildings Rents.....	981.22				
75. Rents .....		10,154.38			
75A. Miscellaneous Receipts.....		45.00	11,180.60		
75B. Repairs Houses .....				2,349.19	
75C. Campus Maintenance .....				3,362.49	5,468.92
Total .....	\$2,635.67	\$41,399.45	\$44,035.12	\$29,053.30	\$14,981.82

TABLE XLV

UNIVERSITY FARM REPAIR FUNDS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
76. Campus Repairs.....		\$15,000.00	\$15,000.00	\$ 9,445.52	\$5,554.48
77. Repairs .....	\$1,226.86	17,500.00	.....	.....	.....
78. Miscellaneous Receipts.....		1,947.43	20,674.29	18,462.85	2,211.44
79. Campus Maintenance .....	281.32	3,000.00	3,281.32	3,228.21	53.11
Total .....	\$1,508.18	\$37,447.43	\$38,955.61	\$31,136.58	\$7,819.03

TABLE XLVI

SUBSTATION SUPPORT FUNDS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
80. Crookston Support.....	\$ 1,644.07	\$ 39,900.00	.....	.....	.....
81. Dining-Hall .....		14,277.23	.....	.....	.....
82. Fees .....		2,069.90	.....	.....	.....
83. Miscellaneous Receipts.....		8,940.77	.....	.....	.....
84. Breakage .....		815.00	\$67,646.97	\$61,033.73	.....
85. Transferred to Fuel Fund.....		.....	.....	2,500.00	.....
86. Contingent Fund.....		.....	.....	500.00	\$3,613.24
87. Grand Rapids Support.....	543.77	7,000.00	.....	.....	.....
88. Miscellaneous Receipts.....		6,500.45	14,044.22	13,334.06	.....
89. Contingent Fund.....		.....	.....	300.00	410.16

TABLE XLVI—Continued

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
90. Morris Support*.....	253.35	25,000.00	.....	.....	.....
91. Dining-Hall .....	.....	11,910.16	.....	.....	.....
92. Fees .....	.....	1,468.75	.....	.....	.....
93. Miscellaneous Receipts.....	.....	6,553.52	45,185.78	42,271.35	.....
94. Transferred to Fuel Fund.....	.....	.....	.....	2,542.02	372.41
95. Waseca Support.....	323.06	3,900.00	.....	.....	.....
96. Miscellaneous Receipts.....	.....	4,070.05	8,293.11	4,938.48	.....
97. Contingent Fund.....	.....	.....	.....	100.00	3,254.63
98. Duluth Support.....	37,873.10	6,100.00	.....	.....	.....
99. Miscellaneous Receipts.....	.....	2,423.46	46,396.56	38,688.08	.....
100. Contingent Fund.....	.....	.....	.....	500.00	7,208.48
Total .....	\$40,637.35	\$140,929.29	\$181,566.64	\$166,707.72	\$14,858.92

\* July pay roll, \$1,595.19, paid from Farm Support Fund. July bills paid from Morris Support Fund in the succeeding year should have been paid from Farm Support Fund, amounting to \$1,035.07.

TABLE XLVII

## UNIVERSITY BUILDING FUNDS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
101. New Mines Building.....		\$ 45,000.00	\$ 45,000.00	\$ 122.26	\$ 44,877.74
102. Reconstructing Old Mines Building.....		54,000.00	54,000.00	40,233.27	13,766.73
103. Botany Greenhouse.....		3,000.00	3,000.00	3,000.00	.....
104. Chemistry Building.....	\$390,822.94	.....	390,822.94	282,583.02	.....
105. Transferred to Equipment.....	.....	.....	.....	9,000.00	99,239.92
106. Fire-proofing Millard Hall.....	34,842.79	.....	34,842.79	26,352.92	8,489.87
107. Heating Plant.....	1,179.25	.....	.....	.....	.....
108. Miscellaneous Receipts.....	.....	3,042.80	4,222.05	4,222.05	.....
109. Anatomical Building.....	3,472.21	.....	.....	.....	.....
110. Transferred from Equipment Fund.....	.....	53.29	3,525.50	3,525.50	.....
111. School of Mines Fire Loss.....	26,844.10	.....	.....	.....	.....
112. Miscellaneous Receipts.....	.....	3.00	26,847.10	14,686.05	12,161.05
113. Dental Fire Loss.....	4,493.28	.....	4,493.28	4,493.28	.....
114. Campus Fund.....	127,863.29	.....	.....	.....	.....
115. Tax Collections.....	.....	43,104.20	.....	.....	.....
115A. Miscellaneous Receipts.....	.....	1,430.00	172,397.49	168,795.50	.....
116. Transferred to Engineering Building Equipment .....	.....	.....	.....	3,601.99	.....

TABLE XLVII—Continued

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
117. Hospital Service Building.....	.....	\$50,000.00	\$50,000.00	\$2,462.05	\$47,537.95
118. Biology Building.....	.....	200,000.00	200,000.00	10,492.85	189,507.15
119. Women's Gymnasium.....	.....	125,000.00	125,000.00	1,898.79	123,101.21
Total .....	\$589,517.86	\$524,633.29	\$1,114,151.15	\$575,469.53	\$538,681.62

TABLE XLVIII

## UNIVERSITY FARM BUILDING FUNDS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
120. Poultry House.....		\$ 4,000.00	\$ 4,000.00	\$ 2,223.37	\$ 1,776.63
121. Dairy Hall Addition.....		2,000.00	2,000.00	1,958.27	41.73
122. New Poultry House.....	\$ 2,224.00		2,224.00	2,224.00	
123. Greenhouse and Equipment.....		22,000.00	22,000.00	1,882.29	20,117.71
124. Horse Barn and Equipment.....		5,000.00	5,000.00	2,146.12	2,853.88
125. Sewers .....	560.13		560.13	545.35	14.78
126. Mechanic Arts, Building and Equipment....	70,373.76		70,373.76	47,969.77	22,403.99
127. Power House Repairs.....	5,797.73		5,797.73	5,150.92	646.81
128. Remodeling Barn.....	4,369.56		4,369.56	4,307.44	62.12
129. Heating Tunnels.....	2,018.60		2,018.60	2,018.60	
130. Water Mains.....	3,756.30		3,756.30	3,704.30	52.00
131. Coal Bunkers .....	419.40		419.40	419.40	
132. Drill Hall .....	9,942.50		9,942.50	9,941.98	
133. Canceled by State Auditor.....				.52	
134. Hog House .....	97.02				
135. Miscellaneous Receipts.....		6.00	103.02	102.97	
136. Canceled by State Auditor.....				.05	



TABLE XLVIII—Continued

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
137. Electric Wiring .....	\$243.03	.....	\$243.03	\$242.60	.....
138. Canceled by State Auditor.....	.....	.....	.....	.43	.....
139. Dairy Hall .....	1,442.62	.....	1,442.62	1,439.25	.....
140. Canceled by State Auditor.....	.....	.....	.....	3.37	.....
141. Dairy Pavilion .....	252.93	.....	252.93	252.25	.....
142. Canceled by State Auditor.....	.....	.....	.....	.68	.....
143. Transportation Trolley Line.....	.....	\$60,000.00	60,000.00	10,646.52	\$49,353.48
144. Chemistry Building Alterations.....	.....	3,100.00	3,100.00	2,930.66	169.34
145. Dining-Hall Alterations .....	.....	1,500.00	1,500.00	1,375.48	124.52
146. Home Economics .....	.....	75,000.00	75,000.00	34,513.02	40,486.98
147. Plant Pathology House.....	.....	2,000.00	2,000.00	.....	2,000.00
148. Farm Lands .....	3,238.67	.....	3,238.67	.....	3,238.67
149. Board of Regents Lands.....	2,917.97	.....	.....	.....	.....
150. Miscellaneous Receipts.....	.....	250.00	3,167.97	10.00	3,157.97
Total .....	\$107,654.22	\$174,856.00	\$282,510.22	\$136,009.61	\$146,500.61

TABLE XLIX  
UNIVERSITY EQUIPMENT FUNDS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
151. Sprinkler System.....		\$25,000.00			
152. Miscellaneous Receipts.....		2.87	\$ 25,002.87	\$ 23,212.74	\$ 1,790.13
153. Electrical Engineering Equipment.....		20,000.00	20,000.00	6,387.69	13,612.31
154. Experimental Laboratory Equipment.....		7,000.00			
155. Miscellaneous Receipts.....		12.38	7,012.38	4,102.32	2,910.05
156. Machine Shop Equipment.....		10,000.00	10,000.00	9,834.97	165.03
157. Chemistry Building Equipment.....					
158. Transferred from Chemistry Building....		9,000.00	9,000.00	592.45	8,407.55
159. College of Dentistry Equipment.....	\$ 750.65	2,500.00	3,250.65	3,250.65	
160. School of Mines Equipment.....		6,000.00			
161. Miscellaneous Receipts.....		.15	6,000.15	794.94	5,205.21
162. College of Science, Literature, and the Arts Equipment .....		10,000.00	10,000.00	8,876.92	1,123.08
163. Anatomy Building Equipment.....	42,320.41				
164. Miscellaneous Receipts.....		27.61	42,348.02	38,167.24	
165. Transferred to Anatomy Building.....				53.29	4,127.49
166. Medical Building Equipment.....	8,437.05		8,437.05	8,436.21	
167. Canceled by State Auditor.....				.84	
168. Elliot Hospital Equipment.....	2,334.90				
169. Miscellaneous Receipts.....		23.99	2,358.89	1,310.81	1,048.08

TABLE XLIX—Continued

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
170. Engineering Building Equipment.....	\$6,676.17	.....	.....	.....	.....
171. Miscellaneous Receipts.....	.....	\$758.15	.....	.....	.....
172. Transferred from Campus Fund.....	.....	3,601.99	\$11,036.31	\$6,579.88	\$4,456.43
173. Engineering Laboratory Equipment.....	2,726.30	.....	2,726.30	2,618.18	108.12
174. School of Mines Fire Loss.....	10,048.99	.....	10,048.99	1,530.96	8,518.03
Total .....	\$73,294.47	\$93,927.14	\$167,221.61	\$115,750.09	\$51,471.52

TABLE L

## UNIVERSITY FARM EQUIPMENT FUNDS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
175. Heating Plant Equipment.....	.....	\$26,000.00	.....	.....	.....
176. Miscellaneous Receipts.....	.....	100.00	\$26,100.00	\$ 3,621.19	\$22,478.81
177. Storage Cellar .....	.....	500.00	500.00	.....	500.00
178. Boys' Dormitory Equipment.....	.....	2,500.00	2,500.00	1,776.46	723.54
179. Live Stock .....	\$2,519.61	4,000.00	.....	.....	.....
180. Miscellaneous Receipts.....	.....	2,439.97	8,959.58	6,072.03	2,887.55
Total .....	\$2,519.61	\$35,539.97	\$38,059.58	\$11,469.68	\$26,589.90

TABLE LI

NORTHWEST SCHOOL AND EXPERIMENT STATION, CROOKSTON  
BUILDINGS AND IMPROVEMENTS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
181. Heating Plant.....		\$ 40,000.00			
182. Miscellaneous Receipts.....		150.00	\$ 40,150.00	\$39,165.25	\$ 984.75
183. Machine Shed .....		2,000.00	2,000.00	1,998.78	
184. Canceled by State Auditor.....				1.22	
185. Swine Barn .....		1,000.00	1,000.00	995.23	
186. Canceled by State Auditor.....				.27	4.50
187. Drainage .....		19,700.00	19,700.00	19,576.06	123.94
188. Grain Storage .....		6,000.00	6,000.00	5,948.53	
189. Canceled by State Auditor.....				16.47	35.00
190. Grading and Grounds.....	\$709.71		709.71	652.26	
191. Canceled by State Auditor.....				32.55	24.90
192. Boys' Dormitory .....		40,000.00	40,000.00	15,524.71	24,475.29
193. General Improvements, Alterations and Re- pairs .....		10,000.00	10,000.00	9,728.88	271.12
Total .....	\$709.71	\$118,850.00	\$119,559.71	\$93,640.21	\$25,919.50

TABLE LII  
NORTH CENTRAL EXPERIMENT STATION, GRAND RAPIDS  
BUILDINGS AND IMPROVEMENTS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
194. Creamery Equipment.....	\$214.03	.....	\$214.03	\$214.03	.....
195. New Well .....	143.45	.....	143.45	141.00	.....
196. Canceled by State Auditor.....	.....	.....	.....	2.45	.....
197. Drainage .....	101.06	.....	101.06	99.00	.....
198. Canceled by State Auditor.....	.....	.....	.....	2.06	.....
Total .....	\$458.54	.....	\$458.54	\$458.54	.....

TABLE LIII  
WEST CENTRAL SCHOOL AND EXPERIMENT STATION, MORRIS  
BUILDINGS AND IMPROVEMENTS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
199. Repairs .....	.....	\$9,000.00	\$9,000.00	\$8,988.23	\$11.77
200. Girls' Dormitory .....	\$61.71	.....	61.71	61.71	.....
201. Boys' Dormitory .....	218.76	.....	218.76	183.51	.....
202. Canceled by State Auditor.....	.....	.....	.....	.05	35.20
Total .....	\$280.47	\$9,000.00	\$9,280.47	\$9,233.50	\$46.97

TABLE LIV  
SOUTHEAST EXPERIMENT STATION, WASECA  
BUILDINGS AND IMPROVEMENTS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
203. Feeding Shed .....		\$ 1,500.00	\$ 1,500.00	\$1,213.60	\$ 286.40
204. Remodeling Old Buildings.....		3,500.00	3,500.00	1,372.93	2,127.07
205. Drainage .....		1,000.00	.....	.....	.....
206. Miscellaneous Receipts.....		23.18	1,023.18	876.54	146.64
207. Water System .....		500.00	500.00	278.06	221.94
208. Fencing .....		1,000.00	1,000.00	213.96	786.04
209. Live Stock .....		2,000.00	2,000.00	2,000.00	.....
210. Seeds and Plants.....		500.00	500.00	49.26	450.74
211. Institute Hall .....		6,000.00	6,000.00	3,645.64	2,354.36
Total .....		<u>\$16,023.18</u>	<u>\$16,023.18</u>	<u>\$9,649.99</u>	<u>\$6,373.19</u>

TABLE LV  
NORTHEAST EXPERIMENT STATION, DULUTH  
BUILDINGS AND IMPROVEMENTS

Item No.	Balance August 1, 1913	Received	Total	Expended	Balance July 31, 1914
212. Clearing Lands.....		\$3,000.00	\$3,000.00	\$1,523.46	\$1,476.54
213. Live Stock .....		2,000.00	2,000.00	895.69	1,104.31
Total.....		<u>\$5,000.00</u>	<u>\$5,000.00</u>	<u>\$2,419.15</u>	<u>\$2,580.85</u>

## TABLE LVI

## RECEIPTS CREDITED TO UNIVERSITY SUPPORT FUND

1913-1914

Item No.		
214.	Interest on Principal Derived from Sale of Swamp Land	\$ 24,313.84
215.	Land Interest .....	12,848.41
216.	Interest on Bonds and Invested Funds.....	48,995.78
217.	Advance on 23/100 Mill Tax.....	100,000.00
218.	Students' Fees, University.....	206,022.78
219.	Students' Fees, Agriculture.....	24,617.51
220.	Miscellaneous Receipts, Agriculture.....	19,300.20
221.	Experiment Station, Agricultural.....	1,751.98
222.	General University Miscellaneous.....	8,683.32
223.	Dental Infirmary .....	21,303.47
224.	Sanford Hall Fees.....	20,047.50
225.	Shevlin Hall Fees.....	13,581.49
226.	Dining-Hall Fees, Agricultural.....	66,967.41
227.	Bookstore Receipts, Agricultural.....	15,537.96
228.	Received from Government.....	80,000.00
229.	Interest on Bank Deposits.....	351.94
230.	Refunds (Salary Checks Canceled).....	413.43
		\$664,737.02
	<i>Re</i> item No. 217.....	100,000.00
	Total .....	\$564,737.02

TABLE LVII

## SUMMARY OF INVENTORY OF PROPERTY OF UNIVERSITY OF MINNESOTA AS OF JULY 31, 1914

Name of Department	Totals	Books, Slides, Pic- tures, etc.	Museums	Scientific Apparatus	Tools and Machinery	Furniture	Live Stock	Expend- able Supplies	Buildings	Lands	Invest- ments	Miscel- laneous
Equipment—												
General University.....	\$686,560.94	\$624,223.29			\$10,685.65	\$49,025.19	\$250.00	\$1,401.90				\$974.91
Science, Lit. and Arts....	376,985.07	20,973.70	\$180,578.82	\$85,325.00	7,587.07	63,864.05	5.00	15,052.58				3,598.85
Engineering.....	200,777.11	7,249.53	2,830.45	41,401.21	113,733.01	28,658.45		4,280.06				2,624.40
Medical School.....	322,351.68	25,122.36	68,170.65	100,660.06	10,413.56	93,913.80	145.85	18,425.34				5,500.06
Chemistry.....	52,870.82	298.50	782.00	27,256.00	2,428.64	1,631.25		20,474.43				
Mines.....	55,082.67	2,605.00	1,894.00	13,291.72	27,606.64	7,593.58		2,091.73				
Dentistry.....	51,013.05	1,473.85	100.00	22,862.59	6,881.20	13,099.90		6,397.36				198.15
Law School.....	5,353.09	811.50				4,541.59						
Pharmacy.....	47,618.88	2,802.40	2,732.95	\$,229.56	1,940.97	26,491.29	6.00	5,415.71				
Education.....	3,667.10	1,089.00		152.60	100.15	2,244.10		53.25				28.00
Graduate School.....	278.72					278.72						
General Extension.....	1,737.32	382.30		109.00		1,163.57		82.45				
Agriculture.....	471,815.59	83,951.50	10,114.82	35,863.27	63,985.05	133,729.09	77,143.00	38,884.04				28,144.82
Total.....	\$2,276,112.04	\$770,982.93	\$267,203.69	\$335,151.01	\$245,361.94	\$426,234.58	\$77,549.85	\$112,558.85				\$41,069.19
Lands and Buildings—												
University Campus.....	\$5,463,639.88								\$3,463,639.88	\$2,000,000.00		
University Farm.....	1,491,505.30								1,078,505.30	413,000.00		
Experiment Station.....	772,166.85								541,766.35	230,000.50	\$400.00	
Land grants and misc.....	3,906,510.27								18,000.00	2,111,109.82	1,777,400.45	
Total.....	\$11,633,822.30								\$5,101,911.53	\$4,754,110.32	\$1,777,800.45	
Grand totals of property..	\$13,909,934.34	\$770,982.93	\$267,203.69	\$335,151.01	\$245,361.94	\$426,234.58	\$77,549.85	\$112,558.85	\$5,101,911.53	\$4,754,110.32	\$1,777,800.45	\$41,069.19

FINANCIAL REPORT



TABLE LVIII

## CONTINGENT FUNDS

July 31, 1913

University Support .....	\$21,750.00	
Heating Plant .....	2,000.00	
Elliot Hospital Support.....	250.00	
Farm Support .....	4,800.00	
Dairy Extension .....	200.00	
Fruit Farm .....	100.00	
Crookston .....	500.00	
Grand Rapids .....	300.00	
Morris .....	500.00	
Duluth .....	500.00	
Forestry Support .....	200.00	
		<hr/>
		\$31,100.00

TABLE LIX

## CONTINGENT FUNDS

July 31, 1914

University Support .....	\$26,265.00	
Farm Support .....	4,800.00	
Sanford Hall .....	35.00	
Shevlin Hall .....	25.00	
Dental Infirmary .....	100.00	
Medical School .....	75.00	
		<hr/>
		\$31,300.00
University Repairs .....	\$1,000.00	
Elliot Hospital .....	500.00	
Extension .....	2,500.00	
		<hr/>
		\$4,000.00
Agricultural Extension .....	\$200.00	
Forestry School .....	400.00	
General Investigation .....	100.00	
		<hr/>
		\$700.00
Crookston .....	\$500.00	
Grand Rapids .....	300.00	
Morris .....	500.00	
Duluth .....	500.00	
Waseca .....	100.00	
		<hr/>
		\$1,900.00
		<hr/>
		\$37,900.00

TABLE LX

CAMPUS BUILDINGS RENTS

Uncollected August 1, 1912, as per Biennial.....	\$ 1,091.50	
Collected after August 1, 1912; amount not shown as open accounts July 31, 1912.....	697.50	
Current Rent August 1, 1912 to July 31, 1913....	11,366.96	
		\$13,155.96
Rent collected during the year.....	\$11,092.96	
Due and unpaid August 1, 1913.....	2,063.00	
		\$13,155.96

The increase of uncollected rents at the close of the year is due largely to the fact that several accounts which are perfectly good overlapped but were taken care of in the succeeding months.

Uncollected rents August 1, 1913.....	\$2,063.00	
Rental charged year.....	9,250.98	
Miscellaneous Receipts .....	45.00	
Advance payments 1914-1915.....	510.00	
		\$11,868.98
Total Receipts 1913-1914.....	\$10,199.38	
Balance due July 31, 1914.....	1,669.60	
		\$11,868.98

TABLE LXI

OUTSTANDING BILLS AND ORDERS, AUGUST 1, 1914

	Regular	Contingent	Orders	Total
University Support.....	\$ 4,029.69	\$ 5,505.79	\$ 4,977.48	\$ 14,512.96
Farm Support.....	553.80	391.02	862.85	1,807.67
Bookstore .....	1,182.50	.....	63.75	1,246.25
Sanford Hall.....	242.17	128.69	25.00	395.86
Shevlin Hall.....	157.55	2.19	.50	160.24
Shevlin Hall (Summer).....	258.09	170.25	.....	428.34
Adams Fund.....	209.70	.....	14.40	224.10
Hatch Fund.....	6.55	.....	300.00	306.55
Dining-Hall .....	3,015.69	677.53	1,887.25	5,580.47
UNIVERSITY:				
Repairs .....	659.21	707.27	721.30	2,087.78
Library .....	425.72	22.20	10.00	457.92
Law Library.....	205.65	.....	.....	205.65
Fuel Fund .....	1,022.60	.....	.....	1,022.60
Elliot Hospital Support.....	355.48	503.03	800.70	1,659.21
Research .....	7.20	531.34	2,909.95	3,448.49
Scientific Books and Instruments.....	1,110.94	2.03	395.54	1,508.51
Extension .....	79.96	428.61	8.00	516.57
School of Mines Experiment Station.....	9.43	134.62	24.45	168.50
Geological Survey .....	185.00	924.97	1,573.00	2,682.97
Reconstruction Old Mines Building.....	.....	.....	13,601.00	13,601.00
Sprinkler System .....	284.21	14.21	487.90	786.32
Electrical Engineering Equipment.....	341.29	1.63	3,806.77	4,149.69
Experimental Laboratory Equipment.....	756.02	17.34	898.55	1,671.91
School of Mines Equipment.....	196.37	.....	1,160.70	1,357.07

TABLE LXI—Continued

	Regular	Contingent	Orders	Total
College of Science, Literature, and the Arts Equipment.....	\$336.69	.....	\$726.50	\$1,063.19
Chemistry Building .....	842.26	\$318.00	6,011.55	7,171.81
Fire-proofing Millard Hall.....	1,301.60	75.45	1,338.80	2,715.85
Anatomical Building Equipment.....	770.99	245.90	910.89	1,927.78
Elliot Hospital Equipment.....	.....	.....	1,060.20	1,060.20
Campus Buildings Rent.....	22.09	415.53	107.00	544.62
Engineering Building Equipment.....	161.75	6.41	.....	168.16
Engineering Laboratory Equipment.....	.....	88.11	.....	88.11
Fire Loss School of Mines Building.....	.....	17.26	2,273.00	2,290.26
Medical Building Equipment.....	30.39	.....	5.00	35.39
Sundry Trust Funds.....	.....	4.10	54.90	59.00
College of Dentistry Equipment.....	.....	58.89	.....	58.89
AGRICULTURE:				
Live Stock .....	.....	.....	100.00	100.00
Repairs .....	263.89	.....	5.00	268.89
Campus Repairs .....	352.36	.....	.....	352.36
Library .....	177.29	.03	77.00	254.32
Extension .....	12.15	.....	3.50	15.65
Forestry School .....	131.25	.....	42.50	173.75
General Investigation .....	558.52	101.44	1,117.78	1,777.74
Seed Testing .....	1.08	.....	.....	1.08
Hog Cholera Serum.....	2,113.87	.....	1,224.95	3,338.82
Bee Culture .....	27.94	.....	6.00	33.94
Heating Plant Equipment.....	1,324.92	.....	14,719.00	16,043.92
Fruit Farm .....	15.00	183.43	.....	198.43

TABLE LXI—Continued

	Regular	Contingent	Orders	Total
Transportation .....	\$9,024.66	\$4,424.21	\$18,542.16	\$31,991.03
Greenhouse and Equipment.....	2,675.26	.....	15,936.93	18,612.19
Horse Barn and Equipment.....	2,366.40	.....	.....	2,366.40
Chemistry Building Alterations.....	.....	.....	6.41	6.41
Dining-Hall Alterations .....	17.31	.....	.....	17.31
Dairy Hall Addition.....	20.00	.....	.....	20.00
Boys' Dormitory Equipment.....	578.59	.....	37.63	616.22
Sewers .....	.....	14.78	.....	14.78
Power House Repairs.....	.....	.....	2,059.00	2,059.00
Remodeling Barn .....	114.67	.....	.....	114.67
Water Mains .....	52.00	.....	.....	52.00
Mechanic Arts Building and Equipment.....	90.50	.....	498.15	588.65
Coal Bunkers .....	27.57	.....	.....	27.57
Heating Tunnels .....	40.87	.....	.....	40.87
Hog Barn .....	20.70	.....	.....	20.70
Drill Hall .....	82.75	.....	.....	82.75
Crookston Support .....	149.87	124.61	240.00	514.48
Crookston Dining-Hall .....	157.26	.....	42.50	199.76
Crookston Grain Storage .....	35.00	.....	.....	35.00
Crookston Swine Barn .....	4.50	.....	.....	4.50
Crookston Grading Farm .....	.....	24.90	.....	24.90
Morris Support .....	4.00	113.54	5.00	122.54
Morris Dining-Hall .....	430.49	307.57	.....	738.06
Morris Boys' Dormitory .....	35.20	.....	.....	35.20
Morris Repairs .....	7.61	3.47	.....	11.08

TABLE LXI—Continued

	Regular	Contingent	Orders	Total
Duluth Support .....	\$101.13	\$78.33	\$579.30	\$758.76
Duluth Clearing Land .....		133.64	.....	133.64
Duluth Live Stock .....		57.37	.....	57.37
Waseca Support .....	236.24	.....	35.00	271.24
Waseca Seeds and Plants.....	8.15	.....	.....	8.15
Waseca Remodeling Old Buildings.....	1,325.35	.....	100.00	1,425.35
General Improvements and Repairs, Crookston.....		86.60	.....	86.60
Waseca Institute Hall .....		.....	2,935.00	2,935.00
Waseca Feeding Sheds .....		.....	300.00	300.00
Waseca Drainage .....		.....	30.00	30.00
Agricultural Breakage .....		5,401.50	.....	5,401.50
	<hr/>	<hr/>	<hr/>	<hr/>
Total .....	\$41,344.94	\$22,447.79	\$105,659.74	\$169,452.47

Respectfully submitted,

GEORGE H. HAYES, *Comptroller*

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