

to report at next meeting.

Supt Public Instruction

The Supt. of Public Instruction was allowed use of Board room at Capitol Jan 26-27-
Adjourned.

Lansing, Mich. Jan. 22nd / 1895

Board met at the Hudson House, the date having been changed from January 8th by consent.

Members present, Wells, Chamberlain, Moore, Gorin and the Secretary.

The reading of the minutes of the previous meeting was

Board Meeting, January 1st / 1895.

Met at Rooms at the College Tuesday evening Jan. 1st 1895 - Date changed from Jan. 7th by unanimous consent. Present, Pres. Wells, Messrs. Garfield, Moore, Gorin, Glidden. Secretary.

Minutes approved

Minutes of the last meeting read and approved.

Relative to Janitors

Resolved that the salary of janitor be placed at the rate not to exceed \$25⁰⁰ per month, and that there be no progression in the position beyond Room rent, which shall be left to the discretion of the President of the College.

Electrical Apparatus

President reported on communication of Prof. Weil - That Prof. Weil be allowed to expend balance of appropriation for last six months for Electrical Apparatus - Adopted.

Regarding duties among officers in Mechanical Dept

The following was adopted: Resolved that so much of Prof. Weil's communication to the Board as refers to the adjustment of duties among the officers of the Mechanical Dept. be referred to the President of the College, and Prof. Weil with instructions to report back

Contingent
Library

\$ 1500.00
\$ 1000.00

Recs

A recess was taken to January 3rd, 1891. A. M.

J. W. Stule, vice

Mr J. W. Stule presented a bill for care of student Eastman while sick in the Hospital in August.

It was moved to allow Mr Stule and Wife \$500 for care of Eastman (student) Aug. 1890, including damage to bedding.

Forestry

It was resolved that as a matter of safety to our forest areas the Agricultural Department is hereby directed to erect placards notifying the public that no fire shall be started in or about the timber on penalty of prosecution.

Relative to
Commencement

A scheme for Commencement Exercises which had been adopted by the Faculty, was submitted to the Board for approval, and referred to a committee, the President of the Board to be a member. President appointed to act with him Mr Garfield and Mr Moore.

President of office
member Exp Station

Resolved that the President of the College be ex-officio member of the Experiment Station Council.

Experiment Station
Council

Resolved that the Experiment Station Council prepare an outline of station work for the year 1895 with estimates of the amount needed in each department, to carry on such work and report through Director at next meeting of the Board.

Requisition for
Exp Station

Resolved that all requisitions for Experiment Station disbursements be presented to the Director of the Station for approval and be signed by the Secretary. Approved.
Adjourned sine die

Meeting of the Board was called by the Secretary to meet at its room in the Capitol, Tuesday Evening, January 29th at 7.30 P.M.

The following members were present, Messrs Wells, Garfield, Chamberlain, Moore, Governor Riel, Secretary and Gilbert.

On motion the Governor was called to the chair.

Resignation
of Hon. Edwin Phelps

A communication from the Governor announcing the resignation of Hon. Edwin Phelps from the Board was received. On motion the Board proceeded to the election of a member in place of Mr Phelps.

W. E. Bryden
elected to fill vacancy

W. E. Bryden received four votes and Daniel Strong one. W. E. Bryden was declared elected.

Franklin Wells
elected President
of the board.

On motion the Board proceeded to the election of President of the Board for the ensuing two years. Franklin Wells received four votes, and Henry Chamberlain one vote. Franklin Wells was declared elected.

Isaac H. Butterfield
elected Secy

On motion the Board proceeded to the election of Secretary for the ensuing two years. Isaac H. Butterfield received five votes and was declared elected.

O. F. Davis
elected Treasurer

On motion the Board proceeded to the election of Treasurer. O. F. Davis received five votes and was declared elected.

Resolution to Bonds

On motion the Secretary and Treasurer elect were directed to deposit the usual bonds by the last Wednesday of February.

Adjourned to rooms at the college Jan 30th 9 A. M.

College, January 30th 9 A. M. Same members present, except the Governor.

Mechanical Dept.

On motion the President was authorized to investigate the matter of testing some machinery in the Mechanical Dept., and report back to the Board at the next meeting.

an estimate of the expense.

New cuts for
catalogue

It was resolved that the Faculty Committee on catalogues is authorized to procure a limited number of new cuts illustrating the salient features of our practical form of education that shall emphasize the laboratory, shop and out of door work of the institution.

Purchase of
sows authorized

It was resolved that the Prof. of Agriculture be authorized to purchase sows of four breeds of sows, viz. Poland China, Chester White, Small Yorkshire and Berkshire.

Tools for
students

It was resolved that the purchase of farm tools for students be authorized, as per list presented.

Mr. Wheaton
invited to attend
Dairyman's Association

It was resolved that Mr. J. W. Wheaton of London, Ont. be invited to attend the Dairyman's Association, and deliver lectures, at Adrian, at an expense not to exceed \$5000.

Relative to
Institution work

It was resolved that a delegation from this Board, of which the Secretary shall be a member, be appointed by the President of the Board to attend the round up of Wisconsin Institutes for the purpose of securing information concerning the management of institutes, which shall aid us in the progress and development of this work in our state.

Relative
Farmers Institute
at Stephenson

A communication received from the Farmers Northern Mutual Insurance Company, asking for help at the Farmers' Institute at Stephenson, in March, was read. It was resolved that the matter be left with President Eaton, Mr. Garfield and the Secretary.

College lands

It was resolved that Mr. F. E. Shels be directed to continue examination of college lands on the same plan as begun and to place his estimate of value of each forty acre lot, with the description thereof.

Relative to
Commencement
Exercises

Mr. Garfield of the committee on Commencement exercises reported as follows: The committee to whom was referred the communication of the faculty, recommending changes in college regulations concerning commencement season have carefully examined the provisions submitted by the college faculty, and submit for the consideration of the Board

the following suggested amendments:

1. In rule 32 which provides for the election of speakers for commencement day, a limitation is placed upon the style of speaker to be secured from abroad, which seems to your committee unnecessary and unwise. According to the rule he must be a "scientist". It may occur that it would be far wiser to secure an organizer, than a scientist, an observer rather than a digger, a statesman-even, rather than a man of science. We submit that it is sufficient in making this rule to say ("a person of national reputation.")

2. In the same rule (32) the provision is made, that the basis upon which the student speakers shall be selected, shall be scholarship. This would be unwise in our institution because of our special line of education. We suggest in lieu of this, the expression, (Proficiency along the lines of education, emphasized by our institution).

3. In rule 33, a limitation is placed as to cost of speaker from abroad. To your committee this seems unwise. Let this be a matter of judgement on each commencement occasion. We must always exercise a wise economy, but we are able to secure what is needful on such occasions.

4. While your committee desires above all things not to be over critical in this matter, it desires to call the attention of the Board to the prominence given to fraternities in rules 35 and 37. In the very nature of the case the Board can not know the value of these organizations in the college. The faculty does or ought to know about their standing and influence, and probably has good reasons for making their organizations somewhat prominent in commencement arrangements. But your committee has good reasons for believing that the fraternities have recently been in credit to the college and unless very satisfactory developments may be expected by this recognition, it would seem to be an unwise provision.

It seems wise to your committee, that a conference of Board and Faculty be held upon this matter before taking final action, that all may become more intimately acquainted with the needs of this case, as well as the reasons for the criticisms embodied in this report.

The report was ordered placed on file pending a conference

with the faculty on the subject.

The communication of the faculty referred to, is as follows.

Commencement Exercises.

Amendments
made by the
Board inserted
1.

32. On the fourth Monday of the spring term, the faculty shall proceed to elect speakers for commencement day. There shall consist of some ^{person} (scientist) of national reputation, and two members of the senior class, one from the agricultural course and the other from the Mechanical course. Said students shall be chosen on the basis of (scholarship) proficiency along the lines of education emphasized by our institution.

(Stricken out)

33 The scientist for 1895, shall be some man whose work is more or less closely connected with agriculture or horticulture. For 1896 the choice shall be limited to men whose work bears on some one or more of the Mechanic arts; and thereafter the choice shall alternate in regular succession between the two classes of men named above. (The cost of said speaker to the college, shall not exceed \$100 per year.)

34 The two students, shall, each for his department, prepare and read papers, not to exceed fifteen minutes in length, treating of some great agricultural or mechanical achievement of the year, or commemorating the life and work of some man to whom one or the other of the two departments owes much.

35 As a part of the commencement exercises, one night, within five or six days before commencement day, shall be set apart for a joint celebration of the college societies and fraternities.

36 The exercises of said celebration shall consist of orations, declamations, or a debate, or two or all of these features, as the participants, to be selected as hereinafter provided shall determine.

37. Each society and fraternity in the college shall be invited to elect one representative to participate in said exercises, and the program of the evening shall name the society or fraternity of each participant. Said election must not be held later than the middle of the spring term and the name of the representative chosen, shall immediately be transmitted to the faculty for approval or disapproval. An average standing of eight on the English of the first two years of the college course shall be required eligibility to said election.

38. Each year at said celebration, the college shall offer a gold medal of the value of twenty-five dollars for the best orator. a gold medal of the value of twenty-five dollars for the best debator, and a silver medal of the value of

\$150 for the best declaimer, provided, that if at any celebration there be less than two contestants for one of the medals herein provided for, said medal shall not be offered for that year. No student shall be eligible to compete for the same medal twice.

39 Three disinterested judges, selected by the faculty and not connected with the college, shall determine the awarding of the medals.

40 Minor details of said celebration shall be regulated by the Prof. of English literature, and the work done by students at commencement shall count as part of the oration work of the college courses; provided, that declamations must be supplemented by essay work, to be performed as equivalent to orations. ^{As amended approved by the Board} March 12, 1895-

Amended and
approved
Defining duties
of officers & employees
in Mech. dept.

Pres. Horton presented a report defining the duties of the officers, instructors, and employees in the Mechanical Dept., which was adopted.

Spring Term - 1895.

Kinematics, 8-9 A.M. 5 days

Advanced Machine Design 10-12 A.M. 2 days

Steam Engine Laboratory, 1-5 P.M. 4 days 3 sections

Hydraulic Laboratory, 1-5 P.M. 1 day.

Optional - Kinematics is the major study in this term. Work consists of lectures, recitations and problems

Wil.

Advanced Machine Design, 10-12 A.M. 3 days

General supervision of Shop practice

Chamberlain

Elementary machine design and steam engine diagrams 9-11 A.M. 4 days.

Drawing and machine design 1-3 P.M. 4 days (2 sections)

Boilers, 10-11 A.M. 1 day (lecture and recitation)

Watson

There will also be this term, a special class in Thermodynamic principles (election). Hours not yet arranged probably twice a week. By Prof. Wil. Steam and Water department in charge of Prof. Wil.

Summer Term - 95.

Original machine design, 10-12 A.M. 3 days.

Engineering practice (lectures - original), 10-11 A.M. 2 days

Thesis work, P.M. 10 hours per week

No more than two men assigned to the same subject

Wil.

General Supervision of Shop practice.)

Chamberlain

Strength of Materials, 8-9 A M. 5 days

Recitation work

Laboratory in strength of materials, 1-

330 P.M. probably three sections, making 3 days

} Will Westcott

Elements of Machine design, 9-12 A M. 2 days

Elementary Steam engine, 11-12 A M. 3 days

Recitations.

} Westcott

Steam and Water department in charge of Prof. Will.

Machine Shop

Mr. Russell

Blacksmith Shop

Thurston

Pattern Shop and foundry

Hoyt.

Athletics

It was resolved that the president of the college is hereby requested to invite the members of the college faculty to meet with the members of the Board of Agriculture at a convenient hour, during the next session of the Board in March, to confer together concerning athletics at the college, and such other matters as may be thought desirable for the welfare of the college.

next meeting
Mar 12

It was resolved that the next meeting of the Board be held at the rooms of the college, Tuesday evening March 12, at 7.30 P.M.

Request from
Prof Smith

A request of Prof Smith to be allowed to attend conventions at the request of the President of the Illinois Central Railroad, was presented.

Request granted

It was resolved that it is expedient under the present condition of college work, to allow Prof Smith leave of absence for that purpose.

Exp Station
works

A report from the director and council of the Experiment Station outlining the work of the Station for the year 1895 was received and referred to the Committee on Experiment Stations.

Adjourned.

State Board of Agriculture.

Regular meeting Tuesday March 12th 1895.

Met at 7.30 P.M. at Rooms at the College.

All members present except the Governor.

A conference was held with the faculty in relation to athletics at the college, and also regarding the scheme for commencement exercises. A recess was taken to 9 A.M. Wednesday.

Wednesday 9 o'clock A.M.

Board met with same members present.

Minutes approved

Minutes of the last meeting read and approved.

Committees of the board.

President Mills announced committees of the Board as follows:-

Finance	Garfield, Monroe
Farm Management	Boydson, Moore.
Botany and Horticulture	Garfield, Monroe.
Buildings & College Property	Monroe, Moore.
Employees	Chamberlain, Monroe, Gorton.
Farm Institutes	Monroe, Garfield.
Mechanical Department	Chamberlain, Garfield.
Veterinary	Boydson, Moore
Military	Boydson, Moore
College Land Grant	Moore, Chamberlain.
Weather Service	Monroe, Boydson.
Experiment Station	Moore, Garfield.
Library	Chamberlain, Garfield.

Pres. Gorton reported the purchase of a New Heater for Abbott Hall, also damage to house occupied by Prof. Kil by fire on the night of March 14th.

Chapel

The question of new seats in the Chapel was referred to the committee on buildings.

Damaged house

The matter of repairs to damaged house and charges

in Physical Laboratory was referred to same committee.

Use of the Board
rooms granted the
faculty

The use of the Board rooms was tendered the faculty for Wednesday evening, for reception to new members of the Board.

Bachelor of Science
conferred on Frank R.
Ross

On recommendation of the Faculty the degree of Bachelor of Science was conferred on Frank R. Ross, of class of '94.

Stock

A communication from Prof. Smith concerning purchase of stock was referred to Farm Committee.

World Fair
map of Mich.
tendered the
College & accepted

A communication was received from the Board of State Auditors tendering the large map from the Michigan building at the World's Fair. The map was accepted with thanks of the Board.

Repairs

Repairs and changes proposed in the Physical Laboratory was referred to the Committee on buildings.

State Food &
Dairy Commission

Senator Bromberg and Representative Redfern of the Legislature appeared before the Board in reference to chemical analyses for the State Food and Dairy Commissioner. It was agreed that the Board would undertake the work, providing one chemist at \$1000⁰⁰ per annum.

Quess

A quess was taken to 2 o'clock P.M.

At 2 o'clock P.M. met with same members present.

College lands

Mr. F. E. Skellie appeared before the Board and explained the progress made in examining college lands.

Committees reported as follows:-

Purchase of Short Horn
Bull authorized

The Farm Committee. That the chairman of the Farm Committee visit herds of Short Horn cattle at the discretion of the committee for the purpose of purchasing a short horn bull and that the purchase be authorized. Adopted.

Sale of Col. J. R. P.

Also that the Prof of Agriculture and Chairman of Farm Committee be authorized to attend sale of Col. F. R. Roberts.

Red Holland cattle at Birmingham in April and purchase one or two cows in their discretion. Adopted.

Repairs of building
damaged by fire.

The committee on Buildings recommended that the house recently damaged by fire be repaired under the direction of the Secretary, the Hall to be finished in ordinary wood, painted, new windows, 2 lights, new chimney, new furnace adopted.

Repairs to Physical
Laboratory

From the same committee, that the matter of repairs to Physical Laboratory be put over. Adopted.

Weather Service

The committee on Weather service reported on a memorial presented by Lieut. Schneider of the state Weather service, suggesting that some communication be presented to the Legislature.

It was resolved that the Committee on Weather Service be authorized to prepare and present to the Legislature a Memorial from this Board regarding the re-establishment of the State Weather Service.

Poultry

The Committee on Experiment Station reported as follows:— Resolved that the Poultry department be entirely merged in the farm department, and that after Apr. 1st the services of a special poultry foreman be dispensed with.

Purchase of
Desk & typewriter
stand authorized

Resolved that the Director of the Station be hereby authorized to purchase a desk and typewriter stand at an expense of about \$45.

Resolved that the report of the Council be placed on file as the plan of operations adopted by the Board.

Holstein cattle

Resolved that the Director is hereby empowered to enter into the examination of Holstein cows with reference to entry into the advanced registry in his discretion, but not to over-burden the Station force with this kind of work.

Blank for Exp Sta

Resolved that the Director of the station is hereby authorized to employ a competent clerk at a salary of \$40 per month.

Relation to the
exhibition of soils

Resolved that we approve the recommendation of the Counsel which suggests the preparation of pots of soil for use in the college classes and for exhibition at picnics and for instruction generally, illustrating the effects of different single fertilizing elements upon growing plants. Also the influence of weathering on manure, and the value of apple pomace as manure. The relative moisture of the air in forest and in fields are also to be studied.

The report was accepted and all the recommendations adopted.

Premium money
refunded to Mich
State Agric Society

It was resolved to return to the Michigan State Agricultural Society the money awarded as premiums on college cattle at the last fair.

Apiary

A memorial of the Michigan Bee Keepers Association relating to the Apiary of the Experiment Station was read and laid on the table.

Athletics

The faculty were requested to present a report at the next meeting of the Board, outlining a plan of athletics for the College students; and that a minority report be allowed.

Secretary

The Secretary was directed to report to next meeting regarding his visit to the Wisconsin Institute at Monroe.

It was resolved that the Board adjourn to meet at the College Tuesday April 9th next.

Board Meeting Apr 8, 1895.

Present, President, Mills, Messrs. Garfield, Monroe, Moore, Boyden, Gorton, Chamberlain, Secretary.

Minutes approved

Minutes of the last meeting read amended and approved.

Relation to need
of additional rooms

The matter of additional rooms for assistants was presented by the President.

It was moved that the committee on buildings and property and the Director of the Station consider the feasibility of an addition to Experiment Station Building to report tomorrow.

Power Motor

The purchase of a power motor for the Mechanical Dept. was referred to committee on Mechanical Department.

Howard Terrace

The application of occupants of east end of Howard Terrace for permission to put in closets, and assistance in doing the same was referred to the committee on buildings.

Athletics

President Gordon presented a report of Faculty on athletics for students as follows:— That the students be allowed to retain membership in the intercollegiate Association and they be allowed to participate in the various contests on the annual field day and in games of foot-ball and base-ball on the grounds of this or some other college, under the following conditions.

1. To be eligible to take part in any intercollegiate contest occurring in any time before the first monthly report, the student must have been in regular attendance upon the college for at least the term next preceding and shall have taken in that term the equivalent of three full term studies.

2. To be eligible to enter any intercollegiate contest a student must have an average standing of eight, on a scale of ten, and shall not be conditioned in more than two studies.

3. The eligibility of a student to enter intercollegiate contests after the first monthly report for the term in which he enters, shall be determined by special action of the faculty.

4. No student shall represent this college in the regular annual intercollegiate field day who has not received from the Secretary of the Faculty a statement in writing certifying to his eligibility under these rules.

5. These regulations shall go into effect at the beginning of the college year.

6. It is the sense of the Faculty that some instruc-

tion in physical culture would be a desirable provision.

7. That the Faculty shall be represented by a committee at the annual field day, and such committee shall report to the Faculty within a month after the field day, as to the general conduct of exercises participants etc. said committee to consist of two members to be elected for each field day.

8. That the Faculty opposes professionalism in athletics, and desires the student body to abstain from anything savoring of the same.

9. Resolved, that the Students Organization be requested to so amend article six of the constitution that it shall not be possible for the organization in any college year to levy a tax for athletics greater than one dollar per capita. The above report was accepted and adopted.

Report of Director
of Farmers Institutes

A report of the Directors of the Farmers Institutes of 1895 was presented.

The Directors of the Farmers Institutes held during the past winter make this statement as a consensus of opinion on the topics presented. The long Institutes held during the past winter have been a marked success from every point of view, yet the records do not show that a sufficient number attended the consecutive sessions to permit such progressive instruction, as being the work of one session in the lecture of the preceding one. One value of long Institutes has been the acquaintances formed between sessions and the answers there given primarily to individuals. It is our opinion that more good would be accomplished with the same money by holding short Institutes of four or five sessions in a greater number of places. Local speakers should be given considerable prominence either as leaders in discussions, or in the preparation of principal papers. The choice of these should be made on the basis of experimental acquaintance with the subjects to be discussed. Three or four speakers from the college or from abroad is sufficient for one of these Institutes. That instruction in domestic economy is approved and should be given in a room separate from the regular sessions of the Institute. The use of charts, diagrams, or other illustrative material is valuable, and if possible stereopticon should be used for one evening's lecture. Illustrated pictures of animals, plants, etc. would add interest and be

instruction to the people between sessions. Recitations and dramatic performances should be kept in check. The chairman of the Institute should be one of the college workers, making the opening session interesting and popular. It is possible that in some localities two sessions per day would be better than three. Adapt the lectures and discussions to local requirements of the section where the Institute is held. Thoroughly advertise the institute, and have them judiciously distributed. Signed, O. D. Smith, F. Kedzie, W. B. Beal, T. B. Mumford, C. F. Wheeler, H. B. Gladden, A. A. Crozier, A. A. Grange, W. Butterfield, L. R. Taft.

The report was accepted, the substance ordered placed on the records of the Board, and printed in the Bulletin on Institutes.

Irrigation

Report of Experiment Station Council on irrigation was received and referred to the committee on Experiment Station.

Assistant Prof
to meet the board,

It was resolved that the full professors, assistants in charge of departments, and Prof. F. Kedzie be invited to meet with the Board tomorrow at ten o'clock.

Donations to
College

The following donations to the College were reported to the Farm Dept.: Ohio Chilled Plow Co., one sulky plow value \$40.00; Jay Morton & Co., Chicago one ton, gluten meal \$15.00; to Hort. Dept. one 10 ground bone by Jos Lister, Chicago.

On motion the donation was accepted and the donors tendered the thanks of the Board.

Purchase of
Stock

The Chairman of the Farm Committee reported the purchase of a Short Horn Bull, and of two Red Polled Cows.

Relation to farming
from seed & shrub
to rural schools

The following resolution was adopted: Resolved that the Dept. of Horticulture is hereby requested to consider the plan of furnishing from this college flower seeds and shrubs for the embellishment of rural school grounds and the instruction of children in simple operations in horticulture to the end that a closer relationship shall be engendered between the country schools and the college for mutual benefit.

Recess was taken to 9 A. M. Tuesday.

Tuesday 9 A. M. Board met same members present.

Howard Terrace
improvements

The committee on buildings reported, recommending that \$500 be allowed to aid the occupants of east end of Howard Terrace in putting in closets and that the work be done in proper manner under the direction of the Secretary.

Chapel

Committee on Buildings reported regarding seats in the Chapel, recommending that the matter lay over till next meeting.

On motion deferred till next meeting.

Rooms for
assistants

The same committee reported on the matter of rooms for assistants, recommending that the house known as the Herdman's house be used for rooms for such purpose. The matter was laid over till afternoon.

N. M. Howe, Clerk
@ 500⁰⁰

N. M. Howe was appointed clerk to the President at a salary of \$500⁰⁰ per year to be paid from current funds.

Purchase from
motor authorized

The Committee on Mechanical Dept. reported recommending that the purchase of a power meter be authorized at a cost of \$110⁰⁰. Adopted.

College Lands

The Committee on Land Grant reported recommending that the college lands in Monette Co., be placed on the market at prices now established by the Board of Agriculture, and that the Commissioner of the State Land Office be requested to take proper steps to place the land on sale.

Recess to 1 o'clock P. M.

1 O'clock P. M. Same members present

Board & meet
at call of Pres. Secy

It was resolved that when the Board adjourns it be to meet at the call of the President and Secretary of the Board.

Relation to
experimental
irrigation

The committee on Experiment Station reported recommending that the plan for experiments in irrigation as outlined by Prof Taft and approved by the Experiment Station Council be adopted and the construction authorized under direction of Station Council in consultation with the Prof. of the Mechanical Dept. as to connection with the pump at the Boiler House. The plan is as follows:

1. That, using the large fire pump at the boiler house, connected with the river as a source of water supply a three inch main be laid from the Boiler House, North East by the corner of the carpenter shop, thence north and north east in front of the barn, Agricultural Laboratory, and in rear of the Botanical Laboratory to a point in the garden drive near the hedge.

2. It might be wise to lay the pipe thus far four feet deep, below frost line and to locate three hydrants, one near the Veterinary laboratory and barn, another between the Agricultural and Botanical Laboratories, and a third at the end of this part of the system on the garden drive. By this means fire protection is afforded to all the buildings on this part of the grounds.

3. The distributing pipe would consist of one line of $2\frac{1}{2}$ inch pipe laid one foot deep along the drive from the Horticultural laboratory to the Orchard, with small hydrants at intervals of 100 feet (seven in all).

Another line would be located 150 feet north of this one, and parallel to it while a third line would run across the southern half of the garden toward the garden barn with a branch in rear of the Agricultural Laboratory.

4. A tank, holding 200 barrels, should be placed east of the garden barn on the highest part of the system to provide against bursting the pipes when the hydrants are suddenly closed while the pump is in operation and to hold a quantity of water sufficient to obviate the necessity of starting the pump when but a small amount of water is needed for some special purpose, or where the quantity of water is to be measured accurately.

The experiments outlined include tests of the various methods of surface irrigation and sub irrigation.

The cost of installing the entire plant would be

approximately \$1000⁰⁰ as follows

Pipe	\$125 ⁰⁰
Valves & Fitting	\$100 ⁰⁰
Painting pipes	\$50 ⁰⁰
Tank & foundation	\$225 ⁰⁰
Laying	\$200 ⁰⁰
	\$1000 ⁰⁰

Relators to

Herdman's house

The committee on Buildings reported, recommending that some changes be made in Herdman's house and that the President be authorized to assign rooms to Assistants and others to whom rooms are furnished.

Grayling Station

It was resolved that the Experiment Station Council be directed to ask Prof. Taft to visit Grayling Station and look after the fruit and forest trees at the Station and while there dispose of the tools and implements, or ship them to the college as the Director may deem proper.

Adjourned

Board Meeting, May 8th 1895.

Present. President Wells, Messrs. Garfield Chamberlain, Monroe Bryden, Pres. Gorton. Secretary.

Minutes adapted

Minutes of the last meeting read and approved.

President reported on progress of College Appropriation bill.

Furniture

Request of Dr. Beal for office furniture referred to Committee on Buildings.

Alpena County

Request of Dr. Beal to allow Mr. Wheeler to make a Botanical Survey of Alpena county. referred to a committee on Botany and Horticulture.

Commencement

A communication from the Faculty recommending that the date for Commencement be changed from the 13th of August to the 9th was referred to a special committee. Messrs. Garfield, and Moore.

Engine room

The matter of repairs to engine room was

referred to, committee on Buildings and Mechanical Dept.

Physical Dept

Repairs of rooms in Physical Department was referred to committee on buildings

Advertising

Certain advertising in the Free Press was authorized in the discretion of the President.

Sewers drain
etc

It was resolved that all further additions to sewers, drains and water pipes be laid out by the Civil Engineering Department and a map and record made of the same.

Heating of Library

It was resolved that the steam pipes in Library building be changed under the direction of the Secretary.

Hillsdale & World
Fair accounts
balanced off.

It was resolved that a balance of Hillsdale fair account of \$62⁷⁵ and also a balance of \$604²² of World Fair account be charged to current account and these accounts balanced.

Wreas to 9 o'clock A. M. Thursday May 9th.

Thursday May 9th

Board met at Rooms 9 A. M.

Telephones

President Horton presented the matter of telephone system for Laboratories.

It was resolved that telephones be procured for such departments, as seems proper in the discretion of the President and Secretary.

Turnover for
Botanical Laboratory

Committee on Botany and Horticulture reported recommending that Dr Deal be authorized to purchase a desk and rug for his office at an expense of \$40⁰⁰ for the two articles - Adopted.

Botanical
Survey of Alpena
County ordered.

Same committee recommended that the Botanical Department be authorized to send Mr Wheeler to make a Botanical Survey of Alpena county and to grant him leave of absence for same; at an expense, not to

excess \$50⁰⁰ - Adopted.

Repairs to Pump
Engine room & to
tank pump.

New floor at Pump and Engine room, excavating, cementing and repiping at an expense of \$100⁰⁰ and repairs to tank pump \$25⁰⁰ were authorized to be done under the direction of Prof of Mechanics and Secretary.

Changes in
Building

Changes in house occupied by Mr Durel, making rooms on second floor, and porch, was authorized under direction of the Secretary.

Repairs

Repairs of house occupied by Dr Kedzie was authorized under direction of the Secretary.

Changes and repairs in basement of Physical Laboratory were authorized under direction of Secretary.

Repairs to roof of Farm house are authorized under direction of the Secretary.

Obverse back of Howard Tenace and Abbott Hall were directed to be thoroughly cleaned.

Screens

Long screens on hinges were ordered put on all windows of Board Rooms.

Club E.

Changes in entrance to Club E. rooming stairs etc. at Williams Hall were ordered.

Institutes

The Committee on Institutes were requested to formulate a plan of conducting Farmers Institutes and present to next meeting of the Board.

Band Instruments

A communication from Lieut. Lewis regarding new instruments for band - referred to President Burton to report at next meeting.

The recommendations of the Station Council -

Grayling Station

For the purchase of a Dynamometer \$50⁰⁰ 2. The rent of three acres for growing potatoes \$15⁰⁰ 3. The care of fruit trees at Grayling. 4. The sowing and sowing of grass seed at Grayling. Were adopted and authorized.

Poultry

The erection of three small poultry houses \$250.⁰⁰
The purchase of an incubator \$50.⁰⁰ and spring balances
all for Experiment Station \$400.⁰⁰ were authorized.

Commencement

It was resolved that Commencement for this
year be August 13 and that the faculty be re-
quested to consider the advisability of a two weeks
vacation in August in future years.

Apiary

It was resolved that the Director of the Experiment
Station contract with Mr. R. L. Taylor for care of
and experiments with apiary for another year.

Experiment Station
Farm

The Experiment Station Council was authorized to
erect a barn for experiment Station use for storage
of products of grass and grain plots according to
specifications presented by Agriculturist of Station. The
site to be determined by President of College, Director
of Station and Secretary of Board.

Next meeting
June 7.30.

Adjourned to meet Tuesday evening June 11th
7.30.

Board Meeting June 11th 1895.

Present, President Gordon, President Wells, Messrs. Garfield
Monroe and Secretary.

Minutes approved

Minutes of the last meeting read and approved.

Thanks to Board

President Gordon presented thanks of Prof. Hill and
wife to the Board for vacation granted.

Botany

Dr. Beal was authorized to ^{procure} ~~a~~ ^{an} ~~map~~ of the Botani-
cal Garden for publication.

Band Instruments

The purchase of new instruments for the band
was authorized, the band to practice five hours
per week, and the instruments to be placed in the
care of Lieut. Lewis. The instruments to be purchased
by Lieut. Lewis and the President.

Weather Service

A bill for \$100⁰⁰ for instruments for Weather Bureau, and sundry bill for \$225 were authorized to be paid out of appropriation for the weather service.

The Superintendent of State Weather Service was authorized to employ a stenographer for one month at \$2.50⁰⁰.

It was resolved that the Supt. of State Weather Service be requested to present at the next meeting of the Board, a plan for expenditure of appropriation for weather service for the current year.

Horticultural

The employment of Mr. H. Rogers as assistant in Gardens at \$35⁰⁰ per month and room, approved.

College Lands

It was resolved that the Commissioner of the State Land Office be requested to offer for sale the college lands located in Manistee County at the price as appraised on the following terms: one fourth down, the balance to be paid before any timber is cut, except in the case of actual settlers under oath, where improvements are made. The lands to be advertised for four weeks.

Invitation to State Hort. Society

It was resolved that the State Horticultural Society be invited to hold its June meeting at the college.

Next Meeting

June 25. 95

It was resolved that when the Board adjourns it be to meet at the college Tuesday June 25th at 7.30 P.M.

Smoke flue

It was resolved that a smoke flue be put in the Boilerhouse under direction of the Secretary.

Committee granted them

The Committee on buildings was allowed further time to report on moving Herdman's house.

Delegates to Detroit

Profs. Weed and Chamberlain were authorized to attend meeting of Mechanical Engineers at Detroit as delegates from the college.

Delegate to Penna. Col.

It was resolved that the Director of the Experiment Station be a delegate from the Station to the Association of Colleges and Experiment Stations at Denver July 16th 1895.

Catalogues

The printing of one thousand copies of triennial catalogues was authorized.

Relation to
Farmers Institutes

The Committee on Institutes reported as follows:—
As the act puts the whole responsibility upon the Board, it is recommended that the Institutes be conducted through the Secretary of the Board by the appointment as, and attached of that office, a Superintendent of Farmers Institutes, said Superintendent to devote one half his time to Institutes and one half to College work in the office of the Secretary.

Kerrison Butterfield
Appointed Supt of
Farmers Institutes

Your committee recommends that Kerrison Butterfield be appointed Superintendent of Institutes and assistant in the office of the Secretary at a salary of dollars per year; one half to be paid from the appropriation for Farmers Institutes and one half from current funds.

Institutes

It is the sense of the committee that the act relating to Farmers Institutes together with rules, regulations and instructions to Institute Societies, should be printed as soon as possible. The matter of purchase of desk for Mr. Davis was referred to Committee on Buildings and College property to report at next meeting.

Team for
Hort Exp Sta

The purchase of team for Horticultural Department Experiment Station was authorized under direction of President of the Board & Director of Station.

Relation to the
original purpose
of College

The following resolutions were adopted:—Whereas, during the recent session of our Legislature there appeared to be a diversity of opinion among the friends of the College concerning the original purpose of the institution, the purpose for which the government endowment in support of agricultural colleges in the various states was given, and especially in the interpretation of the organic law of the college relative to the objects sought in the maintenance of the college; therefore,

Resolved, that the Michigan State Board of Agriculture assembled this day to look after the best interests of our State Agricultural College, hereby express its belief that our college was established by the State for the purpose of educating young people toward a high type of rural life which depends upon success in agricultural pursuits for its fruition and that whatever course of training shall

be established must have this in view. Further, that our interpretation of the contract entered into by this state in accepting what are known as the Merrell endowment, does not in the least change the intrinsic purpose sought in the establishment of the Agricultural College.

Resolved, that we hereby affirm our allegiance to the system of compulsory labor provided for in our organic law, and assert that we have the authority and the interpretation of the law to provide that kind of manual training which in our judgment will best prepare the young people studying at our college for a successful agricultural career.

Resolved that the faculty of our college are hereby instructed to enforce the provisions of the law relative to manual labor in our college as a feature of our course of instruction that applies to every student enrolled at the college, whether regular, special, summer or winter, who enjoy the advantages of our course and accept the tuition of our corps of instructors, and we invite the faculty by recommendation to assist this Board in so arranging our system of manual instruction as to be of the highest value in carrying out the object sought in our scheme of education.

Resolved, that in the assignment of labor no special line of work done for any attaché of the college or for any department of the college shall be allowed to be substituted for manual labor in the regular course unless such labor shall be considered by vote of the faculty of the college equally valuable to the regular required labor in subserving the cardinal purpose of the institution.

Resolved, that we earnestly entreat the faculty, the students and all attachés of the college in concertation action and influence to be loyal to the policy of our labor system in the college course as expressed in these resolutions.

Garfield & Dey appointed as Com. on apportionment of college funds for next six months Mr. Garfield and Secretary.

Thanks extended to Mr. Bullock

The thanks of Board were tendered Mr. Bullock for donation of a well bred Jersey calf.
Adjourned.

Board Meeting June 25, 1895.

Met at rooms at college Tuesday June 25th at 7.30 Pm.

Present, President Wells, Messrs. Chamberlain, Garfield, Moore, Boyden, Gorton, Monroe and Secretary.

Minutes of June 1st read and approved

Minutes of last meeting at which less than a quorum were present were read and on motion the minutes were approved, to be placed on record as the action of the Board.

Calhoun County Fair, request

A request of J. R. Cummings of Calhoun County Agricultural Society, for the college to make exhibit at Calhoun County Fair this year was presented.

It was resolved that a respectful communication be sent to Mr. Cummings saying that it is the policy of the Board not to exhibit at county fairs this year.

Relation to Dairy course

It was resolved as the sense of this Board, that in as much as the State Legislature has made no appropriation for a Dairy Building and we have no adequate means for conducting a winter course in dairying in a creditable manner, we advise that the short course in dairy work be dropped out for the winter of 1895-6 and our teaching force in that line of instruction be utilized for dairy work at our Farmers' Institutes; awaiting such time for the reinstatement of the Winter Dairy School as the Legislature in its wisdom shall adequately provide for it.

Furniture in the Mathematical dept

It was resolved that \$50.00 be appropriated for seats in the class room in Mathematical Department.

State music

The purchase of a water meter for irrigation plant was referred to Committee on Experiment Station.

Music for commencement

It was resolved that \$25.00 be appropriated for music at commencement.

Prof Weil, trip
on Rappahannock

It was resolved that Prof Weil be authorized to accompany students who make a trip on the steamer Rappahannock, to test engines and pumps.

A recess was taken to 8 A.M. tomorrow.

Board met Wednesday June 16th 8 A.M.

Closets in Abbott
William Hall

It was resolved that closets be placed in Abbott Hall as per plans adopted by the Board. also closets erected for William Hall as per plans presented.

Apportionment

The committee on apportionment of funds for next six months reported as follows: - Your committee charged with the duty of making the apportionment of current funds for the half year closing Dec 31st 1895 - beg leave to report as follows:

Steam & Water Works, Heating, Cleaning
and Lighting

\$5000.00

\$15000.00

Farm & Department

\$3000.00

Horticultural Department

\$2100.00

Mechanical

\$2000.00

English

\$100.00

History and Political Economy Dept.

\$50.00

Botanical Dept.

\$600.00

Zoological

\$500.00

Mathematical.

\$150.00

Physical

\$400.00

Chemical

\$600.00

Veterinary

\$150.00

Drawing

\$100.00

Military

\$150.00

Offices

\$200.00

Dynamo

Third that \$280⁰⁰ be allowed the Mechanical Dept. for a Dynamo already ordered.

Library approp-
riation.

Fourth that \$900⁰⁰ be appropriated for Library expenditures as follows: \$500⁰⁰ for current expenses which shall include periodicals \$400⁰⁰ for books; the Library fund to be expended under the direction of the Faculty Library Committee upon the usual form of requisition by the chairman of said committee, and all vouchers for expenditures to be

certified by said chairman; also that the balance of appropriation for six months ending June 30th 1895, under which books have been ordered be allowed to be used toward payment of books so ordered.

Fifth, that \$1500.00 be set aside for contingent fund.

Total amount appropriated for six months \$36780.00
Chas W. Garfield, H. H. Butterfield, Committee

Contingent fund

Total appropriation
\$36780.00

Weather Service

The Superintendent of State Weather Service reported plan of expenditure for appropriation for State Weather Service. Report referred to committee on Weather Service.

The committee on State Weather Service reported as follows on the expenditure of appropriation for State Weather Service for the current year.

Amount of appropriation \$1000.00

Already expended

Instruments

\$100.80

Telephone for quarter ending Mar. 31st

\$4.25

Balance on hand

\$894.95

Estimated appropriation for 7 months:

Instrument and instrument repairs

\$400.00

Telephone

\$27.00

Stenographer at \$25.00 per month

\$175.00

Attendance at W. Convention

\$60.00

General Expenses

\$232.95

\$894.95

Which was adopted.

Relative to the
Heating of Prof
Barrows house

It was resolved that in the matter of putting heating apparatus in the house of Prof. Barrows, Prof. Will is hereby requested to act with the Secretary in the investigation of the Furman Heater on hand as to the practicability of its use for this purpose and in case they shall decide favorably, they are hereby authorized to put in a hot water plant utilizing such material as we have on hand for the purpose, and in case this is not practicable to recommend at the next meeting of the Board such action as shall cover the necessity in the case.

Herdsmann House Committee on Buildings reported recommending that the Herdsmann's house remain in its present position. Report adopted.

Rolls A recess was taken to 1.30 P.M.

Board met at 1.30 P.M.

H. L. Rossmann salary 700⁰⁰ Committee on employees reported as follows: Resolved that the salary of H. L. Rossmann as assistant in chemistry of Experiment Station be \$700⁰⁰ per year from July 1st 1895 and that his whole time be devoted to Experiment Station work.

H. E. Harrison instructor in Chemistry salary 500⁰⁰ That H. E. Harrison be appointed an instructor in the Chemical Department at a salary of \$500⁰⁰ per year to commence July 1st, 1895.

H. O. Gladden salary 800⁰⁰ Also that the salary of Mr H. O. Gladden, assistant in Horticultural Experiment Station be \$800⁰⁰ per year.

H. L. Butterfield salary 600⁰⁰ as Supt of Institute The salary of Superintendent of Institute was fixed at \$600⁰⁰ per year to be paid from Institute appropriation.

Hort Dept relation to trees The Horticultural Dept. was directed to set trees by the roadside along the triangular piece of land north of the campus, and make such other ornamentation as will give it a creditable appearance.

Student Labor The following was adopted as a recommendation from the Board concerning labor at the college: It is the desire of the Board that as far as possible the institution shall furnish work to students who wish it, above the amount required in the course, provided that such labor shall be made profitable to the college and such labor shall be paid for at a rate to be fixed by this Board.

It is also the desire of the Board that nothing in our action concerning labor at the college shall be interpreted so as to prevent furnishing a kind of work to the physically disabled student which shall be suited to his condition, provided that in all exceptions to the regular rules of labor management the decision shall

be a matter of faculty action, and provided always that extra labor along special lines shall never take the place of course labor as contemplated in the organic law.

Next meeting
Aug 12, 1895

It was resolved that when the Board adjourn it be to Monday August 12th in rooms at college at 7.30 P.M.

Inventory of
College property

The heads of departments of College and Experiment Station were directed to prepare inventory of College and Experiment Station property in their several departments as soon as possible after June 30th inst.

Institute
rules to be
printed

The committee on Institutes reported as follows: That ~~some~~ thousand copies of rules and regulations regarding Institutes be ordered printed to be paid from Institute fund. Adopted.

Delegates to
Denver

The President of the Board and Mr Chamberlain were elected delegates from the college to the meeting of Association of Agricultural Colleges and Experiment Stations at Denver July 16th with power to appoint alternates from the Board.

Adjourned.

The Board met at the College Monday August 12th at 7.30 P.M.

Present, President Wells, Messrs Chamberlain, Garfield, Monroe, Secretary.

Minutes approved

Minutes of the last meeting read and approved.

Relation to the
management of
College Farm

A communication was received from Mr A. C. Bird relating to management of the College farm, which was received and referred to the Committee on farm management with request to report back at next meeting of the Board.

A recess was taken to 9 A.M. Tuesday Aug. 13.

Board met at 9 A. M. Tuesday Aug 13/95

Degree Master of Agrl
Conferral Eugene
Sampson & Clayton B.
Charles

The following names of graduates were recommended by the faculty for the degree of Master of Agriculture: Eugene Sampson and Clayton B. Charles.

On motion the degrees were conferred.

Relation to conferring
MS. Seymour, Smith,
Hedrick & Holden

The faculty also certified that Clarence B. Smith B.S. of the class of 92, Missus Phedrick B.S. of the class of 93 and Cary Holden B.S. of the class of 89 had completed the required work and were recommended for the degree of Master of Science.

On motion the degree was conferred as recommended.

Degree of B.S.

On recommendation of the faculty the degree of B.S. was conferred on Henry K. Allen, Chas. H. Alford, William C. Bagley, John H. Churchill, Chas. P. Close, Royal C. Fisher, Clay H. Grace, Merrill H. Fulton, Walter J. Gordenough, Frank Johnson, Mauria Skanis, Henry G. Lake Jr., Aaron H. Larson, Ross K. Marble, David Masselink, James S. Mitchell, James E. Niesswander, Frank Normington, Nassie R. Parish, Robt L. Reynolds, Chas. A. Robinson, Otter V. Ross, Howard R. Smith, Theron Smith, Clyde W. Stebbins, Guy L. Stewart, Clay Tallman, Lewis N. Van Wormer, Hugh E. Ward and Frank Yelma.

Roland Merrill
Master of Hort

On motion the honorary degree of Master of Horticulture was conferred on Roland Merrill of Benton Harbor.

A recess was taken to 2 P.M.

Board met at 2 P.M. Some members present

Purchase of
tools for Wood shop

Request of Mechanical Shop for purchase of tools for Wood shop to the amount of \$500.00 was allowed

War Department
U.S.

It was resolved that the U.S. War Department be requested to provide the College with new field prices, and the Military Committee instructed to arrange the necessary bonds for the same. Carried

Road work
by teams

It was resolved that the teams of the Farm and Garden departments be used two days each, for team, wagon and driver on the highway districts adjacent to the college grounds, one half to be done on each district.

Vedder to attend
meeting C.E. at
Springfield Mass

It was resolved that Prof. Vedder be authorized to attend meeting of American Association of Engineers at Springfield, Mass., as delegate from the college.

Dr. Kedzie to attend
meeting of Chemists at
Washington D.C.

It was resolved that Dr. Kedzie be authorized to attend meeting of American Association of Official Chemists at Washington as delegate.

Resignation of
Prof. Munnford

The resignation of Prof. F. B. Munnford was received and accepted with the appreciation of the Board for the good work done by him while connected with the college.

Resignation of
H. L. Roseman

The resignation of H. L. Roseman Asst. Chemist of the Experiment Station was received to take effect Aug. 15th. Accepted.

Resignation of
W. P. Hedrick

The resignation of W. P. Hedrick Asst. in Horticulture Experiment Station was received. Accepted to take effect Sept 1st.

Resignation of
A. T. Stevens

The resignation of A. T. Stevens Assistant in Agriculture was received and accepted to take effect Sept 15th.

A. B. Cordley
Hort. Dept.

A. B. Cordley was appointed assistant in Experiment Station Hort. Dept. at a salary of \$500.00 per annum beginning Aug 15th.

H. E. Harrison
assistant in chem
dept at 600.00

Mr. H. E. Harrison was made assistant in Chemical Dept. Experiment Station at a salary of \$600.00 per annum beginning Aug 15th.

Vacancy to be
supplied.

The President was authorized to supply the vacancy in place of Mr. Harrison temporarily.

Janitor for
Botanical
Laboratory

It was resolved that the President be authorized to employ a Janitor for Botanical Laboratory at \$7.50 per month to be paid from funds apportioned to Botanical Department.

Request for use
of room

A request was received from the G. A. R. asking
for use of Board room in Capital as an office.
Laid over till next meeting.

W. H. Mumford

assistant in Agr.
at \$800⁰⁰

It was resolved that Mr. W. H. Mumford be
appointed assistant in Agriculture at a salary of
\$800⁰⁰ per year, to begin Aug. 15th.

W. H. Fulton instructor

in Agr. at \$500⁰⁰

It was resolved that Mr. W. H. Fulton be
appointed instructor in Agriculture at \$500⁰⁰ per
year to begin August 15.

Outside entrance

to Physical Lab.

It was resolved that an outside entrance be made
to basement of Physical Laboratory under the direction
of the Secretary. Carried.

Next meeting to

be at Grand Rapids

Sept 10. 1895

place to be designated by the Secretary.

Adjourned.

The Board met at the College Monday August
12th at 7.30 P.M.

Present, President Wells, Messrs Chamberlain, Garfield
Monitor, Secretary.

Minutes of the last meeting read and approved.

A communication was received from Mr. A. C.
Bird relating to management of the College farm,
which was received and referred to the committee on
farm management, with request to report back at
next meeting of the Board.

A recess was taken to 9 A.M. Tuesday Aug.
13th.

Board met at 9 A.M. Tuesday.

The following names of graduates

Meeting of the State Board of Agriculture at Sweet's Hotel, Grand Rapids Sept 10, 1895.

Present, President Wells, Messrs, Garfield, Menner, Moore, Boyden, President Gorton, Secretary.

Minutes approved

Minutes of the last meeting read and approved.

Institute

Superintendent of Institutes reported progress in organization of Institute Associations.

C. J. Wheeler, granted leave of absence

Mr C. J. Wheeler was granted leave of absence during the winter vacation.

J. H. R. C.

N. W. Mumford was appointed Secretary of J. H. R. C.

Dr. H. J. Deal delegate State Hort. Society

Dr H. J. Deal was elected delegate to meeting of State Horticultural Society Sept 14th.

Request for increase of salary

The request of Mr. Newell for increase of salary was referred to committee on employees.

Zoological

The purchase of certain apparatus for Zoological Department \$165.00 was authorized.

Chaustmstr

The purchase of transmitter for Mechanical Dept. \$15.00 was authorized.

Electric Clocks

It was resolved that the Physical department be authorized to purchase a selfwinding electric clock, and that four auxiliary clocks be purchased.

Recess was taken to 9.30 A. M. Sept 11th.

Met at Morton house at 9.30 A. M. All members present except Mr Boyden.

Resolutions & Exercises

Moved by Mr. Garfield that the recommendation of the faculty in regard to time of commencement be approved, and the details of the exercises be left with the faculty: carried. (See pages 504-505 Faculty Record)

Moved by Mr. Chamberlain that Prof. Smith

Corn Harvester

be authorized to buy the Dering Corn Harvester carried

Relative to
Student LaborThe following statement was adopted by the Board
in reference to student labor.

Referring to communication presented to this Board on certain phases of the labor question, which had previously been before the faculty of the College, - this Board recognizes in its action the fact that ours is an Agricultural College, and as such under the laws of Michigan we are bound in honor to make our rulings in accordance with this elementary idea. Young men who attend with us having any other than an agricultural course or a mechanical course before them, must be treated as exceptions and this Board feels that it cannot in the nature of the case deal with them, but must refer them to the faculty, as the Board cannot be closely in touch with the details of the institution and must rely upon the faculty to act in such cases. The labor resolutions were intended to cover all students acquiring an education with us, but it is easy to see that persons under peculiar conditions may be allowed to take studies without physical labor as an accompaniment. The cases of children of the faculty and employees of the institution, or members of the faculty taking special studies preparing for special degree, or Post graduates of our own college taking lines of technical work, or men from the teaching force of other agricultural colleges securing some special equipment for their work are instances that occur to us. It is the wish of the Board to deal fairly with all but to have in mind the object sought in the organic law and to avoid always the giving of any special privileges along the lines of work of other State institutions. If this draws any students who should be at the University and Normal School, it should also attract students who can find the kind of tuition they most need at the Agricultural College.

Dr. Grange granted
leave of absenceIt was moved that Dr. Grange be granted a leave
of absence from Oct 1st, to the spring term - carried.Salary Mr. Newell
increased to \$6000Moved by Mr. Chamberlain that the salary of Mr.
Newell be increased to \$6000 beginning Oct. 1st. Carried.

Resignation of
A. C. Bradley

The resignation of Mr A. C. Bradley Assistant Secretary was received and accepted.

The Secretary was authorized to supply the vacancy to be confirmed by the Board.

Bids for Heating

Bids for furnace heating of two houses occupied by Prof. Barrows and Prof. Vedder were received.

It was resolved that the contract for heating these houses be left to the Marshall Furnace Company.

Full granted
use of rooms in
Capitol

The request of S. A. R. for joint occupancy of Board Room in Capitol was taken from the table and on motion the request was granted.

Request for
Photographs

Request of J. M. Brown for photographs of Board was laid over to the next meeting.

Communication
& resolutions by
Mr. Garfield

The following communication and resolutions submitted by Mr. Garfield were received and adopted.

Gentlemen of the Board of Agriculture: It is a lamentable fact that we are not getting our annual supply of students from the farms of the state in such proportions as we ought, considering the objects sought in founding and equipping the institution. We are not commanding the confidence and assistance of those engaged in agricultural pursuits that we have a right to expect, and it is possible that there may be some radical defect in our system which will account for this lack of co-operation. It occurs to me that the wisest way to get at the facts, and if possible secure what we most need, the warm and active sympathy of the farmers of the state, is to make it somebody's business to get at the true condition of affairs, and this is my excuse for offering the following resolutions.

Committee to
investigate
College

Resolved; that a committee of the faculty, consisting of Dr. Howard Edwards, Prof. C. D. Smith and Prof. Frank Skedzie is hereby selected to carefully inquire into the causes which have contributed to the seeming lack of popularity of our college, with the class of people in whose special interests it was organized by the state.

Resolved, that this committee so constituted is hereby requested at its convenience to report its findings to this Board, together with its recommendations as to any change of policy or method, by means of which the college may be enabled to get in closer touch with the farmers of the state and secure the attendance of their sons and daughters at our institution; and consummate the object sought by the state and general government in founding and endowing the institution.

Report of Committee on Institutes

The committee on institutes reported as follows.

1st. That the time in which the Counties may organize in order to have an institute the coming winter be extended to Oct. 1st 1895 - The Institute Superintendent to receive notice of such organization not later than Oct. 3rd.

2nd. The Board desire four weeks of institute work from the several professors of the college modified in individual cases as may be mutually agreed upon between the Superintendent and each professor.

3rd. Where institutes are held in cities prominent in manufacturing we favor one or two evening sessions to be devoted to mechanical interests.

4th. That the Institute Committee and Superintendent confer with the Railroad Passenger Agents Association and if possible, arrange with them for a letter to be given to each institute worker, which presented to the Station Agent will entitle the holder to the reduced rate. Said letter to have such safe guards and limitations as may be agreed upon between the Institute Committee and the railroads. Said letter to be issued by the Superintendent and approved by the Secretary attaching the college seal.

5. We recommend that the pay of institute workers outside the faculty be \$20⁰⁰ per week and their actual expenses.

6th That a long institute be held at South Haven and that a "Round up" institute be held at the close of the several institutes, at Grand Rapids. That the dates be fixed by our Superintendent as soon as possible.

7th That the Superintendent be authorized to employ such stenographic and typewriting assistance as may be necessary for the prompt and orderly disposal of

his work. Report adopted.
Adjourned.

Proceedings of the State Board of Agriculture at the regular meeting held at Burdick House, Kalamazoo, Sept 30th 1895.

Present. President Wells, Messrs Chamberlain, Garfield, Moore, Monro, Bryden, President Gorton, and Secretary

Minutes approved

Minutes of the last meeting read and approved.

President Gorton presented communication as follows:

Weather Service

Request of Lieut Schneider to attend meeting of State Weather Observers at Indianapolis, and to visit Washington on business of Weather Bureau; of Mathematical Dept. for purchase of sliding rule, and recommendation of the faculty for B.S. Degrees.

Sliding rule

Weather Service

Lieut. Schneider was authorized to attend meeting at Indianapolis, and to go to Washington; expenses to be paid from weather Service appropriation.

Sliding rule authorized

The Mathematical and Civil Engineering Dept. was authorized to purchase a sliding rule at an expense of \$20.00.

Signatures of B.S. Confirmed on Black & Veldhuis

A recommendation from the faculty that Ernest J. Heck and J. G. Veldhuis be given the degree of B.S.

The recommendation was adopted.

Telephone

It was resolved that a telephone be rented from the Lansing Telephone Exchange.

Physical Culture

It was resolved that the President be authorized to employ an instructor of physical culture for the remainder of the term.

Committee on institutes made an informal report

Thanks of Board to
Mich. Passenger Assn
for courtesies extended

The Secretary was instructed to tender the thanks of the Board to the Michigan Passenger Agents Association for courtesies extended.

Fred O. Kenney, asst
Secy

Fred O. Kenney was appointed Assistant Secretary.

A recess was taken to meet at South Haven Station Tuesday at 2 o'clock Oct. 1st.

Tuesday Oct. 1st, 2 P.M.

Board met at Station at South Haven

South Haven Sta
relates to water

It was resolved that Mr. Monroe be requested to ascertain at what rates water can be obtained from the South Haven Water Works for use at the Station and report at future meeting.

It was resolved that the next meeting be held Monday evening Nov 11 at 7.30 P.M. at the college.
Adjourned.

Meeting of the State Board of Agriculture
Monday, Nov 11, 7.30 P.M. at the College.

Present: President Wells, Messrs Chamberlain, Garfield, Moore, Monroe, Boyden, Pres Gorton, and Secretary.

Minutes approved

Minutes of the last meeting read and approved.

President Gorton reported regarding work of full term.

Resignation of
H. E. Harrison

The resignation of N. E. Harrison as Asst. Chemist of Experiment Station was received and accepted.

Resignation of
A. H. Rogers

The resignation of A. H. Rogers, Asst. in Greenhouse, was received and accepted.

Prof. Chamberlain
granted leave of
absence

Prof. P. M. Chamberlain was granted leave of absence for portion of vacation.

Trespass on
College Lands reported

Letters regarding trespass on certain college lands were received from F. E. Skulls, the college land examiner, and were referred to the committee on college land grant.

A recess was taken to Tuesday morning at 9.30.

Board met at 9.30 A. M. Tuesday. All members present except the Governor.

The Superintendent presented informal report of institute work.

The following resolution was adopted.

Bond to the
U. S. A. for
care of ordonnances,
stores, etc.

Resolved that the President of the Board be authorized to execute a bond to the United States of America for the care, safe keeping, and insurance against loss to the United States of ordonnances and stores, the property of the United States in custody of the Michigan ^{State} Agricultural College.

It was resolved that the next meeting of the Board be held Tuesday evening Jan 7, at 7.30 P.M.

One o'clock P.M. Board met.

Prof Weil delegate
to New York

Prof Weil was elected delegate to the annual meeting of Association of Mechanical Engineers at New York City.

Mr Monro
leave at South
Haven
J. J. Lyon

It was resolved that Mr Monro be authorized to ascertain the terms of renewal of lease of land at South Haven Station, and of contract for superintendence with Mr. J. J. Lyon.

The following resolution was offered and adopted.

Prof Gorton given
indefinite leave of
absence.

Resolved that L. G. Gorton, president of this college, is hereby given indefinite leave of absence from this day and that his salary continue until December 31, 1895.

C. J. Monro Pro
tempore

It was resolved that C. J. Monro, a member of this Board, is hereby designated to occupy the position of President of this College. protempore, and that the committee on employees be instructed to take steps towards

securing a suitable incumbent for the position of
 president of the College.
 Adjourned

Board Meeting

Board met Tuesday Dec. 17 at call of President in
 Governor's Room at Capital. All members present except
 Mr. Garfield

The date of next meeting was changed from Jan.
 7, 1896 to January 2, 1896 at Governor's Room in
 Capitol at 7.30 P.M.
 Adjourned.

State Board of Agriculture Meeting Jan. 2, 1896.

The Board met at Governor's rooms in Capitol, Thursday,
 Jan 2

All members present. Minutes of meeting of Nov. 11
 minutes approved, read and approved. Minutes of last meeting read and approved.

A recess was taken to Friday morning at 9 A.M.,
 Jan 3 at the College.

Met at 9.00 A.M. Friday.

It was resolved that the Secretary be instructed to
 ask the U. S. War Department to extend the detail of
 Lieut Lewis to Aug 8 and also to request the detail of
 Lieut N. H. Bandholtz Co. C. 8th Infantry, to succeed Lieut.
 Lewis as military instructor.

It was resolved that M. L. Dean be appointed Asst.
 in Exp. Station. Hort. Department, in place of W. P. Hedrick
 resigned, at a salary of \$500.00 per year, to begin when
 he reports for duty. It being understood that the salary is to be increased
 at the end of each year \$100.00 until it reaches \$800.00 per year.

Military

Horticulture
 M. L. Dean asst.
 \$500.00