

Laboratory for Farm Dept. Moved that \$8000⁰⁰ be added to the estimate for building and equipping a Farm Department Laboratory - Baird
 Adjournment. Boal McCreery moved that when this Board adjourns, it adjourn to meet at their room in the Capital at seven o'clock on the evening of Jan'y 1st, 1889

Bd meetings Resolved that hereafter the regular meetings of this Board shall occur on the first Monday evening in each month, except as otherwise ordered by special action of the Board. - provided that extra meetings may be called in the discretion of the president of the Board.

Heating Abbot Hall Moved and carried that \$1300⁰⁰ be asked for heating Abbot Hall and \$500⁰⁰ for furnishing Horticultural Laboratory.

Adjourned H. W. Baird

Rec'd Secy.

Capital Building, Lansing, Jan'y 1st 1889 - 7.30 P.M.

The Board met pursuant to adjournment. Present were Pres't Wells, Messrs Chamberlain, McCreery and Garfield.

The minutes of the meetings of Dec 10 and 11 were read and approved.

Estimates The Board discussed the estimates, but took no action and adjourned to 9 A.M.

Capital Building, Lansing, Jan'y 22, 1889 - 9 A.M.

The Board met pursuant to adjournment.

Present were Pres't Wells, Messrs Chamberlain, McCreery and Garfield. Secy Reynolds not well enough to be present.

Insect Collection Prof. Booy spoke advocating the purchase of a certain collection of insects

Greenhouse Wagon Moved and carried that \$100 be added to Mr. Knapp's estimate for a covered wagon.

Institutes Moved and carried that the estimate for Farmers Institutes be increased \$1000⁰⁰, making the amount \$1600⁰⁰.

Recess A Recess of one hour was taken

Estimates Moved and carried that the estimates as here discussed (including \$1000⁰⁰ for insurance) be incorporated in the legislative bill.

A recess was taken till 7 P.M.

Committee to
Visit T.T. Lyons

Moved and carried that Pres'r Wells and Prof. Taft
Visit Mr G. J. Lyon of South Haven, to make
arrangements in regard to a plot of fruit
trees to be placed in charge of the Experiment
Station

On motion, adjourned to the first Tuesday
evening in February at 7.30 o'clock
H.W. Baird

Asst Secy.

Capital Building, Lansing, Feb'y 12th 1889. 7.30 P.M.

The Board met as per postponed notice from
the previous meeting. Present were Pres'r Wells,
Gov. Rice, Messrs McCreery, Garfield, Palmer,
Glidden and Pres'r Willits

The minutes of the meetings of Jan 1st and 2d
were read and approved.

Flagpole
bill

Mr. Carpenter presented a claim from Mr
Ward for remuneration for raising the flagpole
at the college.

On motion, the matter was referred to the
Secretary for settlement.

Selling lands

Hon J. J. O'Brien of Grand Rapids presented a
proposal of Grand Rapids parties to buy
6000 acres of hard wood lands in Oxford Co.
for purposes of a charcoal furnace co.

Weather Service

Pres'r Willits presented Mr. Burger's report of
the Weather Service. It was resolved that it
be accepted and placed on file.

It was resolved that it and the charts be
published together as a Bulletin of 5000 copies

Committee to
Visit T.T. Lyons

Pres'r Wells as Chairman of the committee to
visit Mr Lyon's place, reported their having made
the visit and presented a proposition from Mr
Lyon and one from Mr. Willey

Adjourned to 8.30 A.M. at the college

Agricultural College, Feb'y 13th 1889. 9 A.M.

The Board met pursuant to adjournment.
With all the members present.

On motion of Col. McCreery the Board was
organized by the election of Hon Franklin Wells

Organization
Franklin Wells,
Pres't.

as President

Dr Kedzie's
portrait

Pres't Willits presented the request of Mr Shelton for the assignment of space in the library for the hanging of Dr Kedzie's portrait

On motion, the matter was referred to Pres't Willits for action

Prof Johnson
leave of absence

Pres't Willits presented the application of Prof. Johnson for leave of absence to attend at New York City, the meeting of the National Halsted-Treiman Association March 20 which, on motion, was granted.

Knoxville meeting
of Expt Station

Pres't Willits reported the features of the Knoxville meeting of Experiment Station officers.

Change in
Estimates

It was resolved that a committee be appointed to notify the committee on Agri College in both houses that the Board of Agri Farm the withdrawal of the estimate for \$800.00 for farm department for drainage and permanent improvements and that the appropriation for the building for the farm department be made for 1890.

Recommendations
for Ed vacancy

Pres't Wells read letters recommending candidates for the vacancy on the Board, which were ordered filed.

Balloting

It was resolved to proceed to an informal ballot for member to fill the vacancy caused by the resignation of Mr Horton.

Mr I.H. Butterfield
elected

It was resolved that the Secretary act as teller. The 1st informal ballot resulted I.H. Butterfield 4 Geo. A. Farr 1 Jno H. Foster 1 Blauy 1

It was resolved that Mr I.H. Butterfield be unanimously elected to fill the vacancy on the Board.

Expt Station

It was resolved that the consideration of the establishment of an Experiment Station in the southern part of the state be laid on the table for one year.

Recess

Recess to 1.30 P.M.

Mrs Knapp

Board reconvened with same members present. It was resolved that the Secretary continue the quarterly payments of \$75. each to Mrs Knapp for assistance in the greenhouse.

Estabrook

It was resolved that the Secretary be authorized to employ Mr Estabrook as Assistant Secretary at \$50. per month.

Nimmo

It was resolved that the Secretary pay Mr Nimmo's salary as long as the appropriation therefor lasts.

H. Reynolds
Secy

It was resolved that H.G. Reynolds be elected Secretary of the board and lay and Treasurer of the Experiment Station.

for the ensuing two years

Bond

It was resolved that the bond of the Secretary and Treasurer be submitted to the Finance Committee and on approval be filed with the Secretary of State

Prof Taft

It was resolved that Prof Taft succeed Prof Bailey as Horticulturist of the Experiment Station.

Committees

President Wells announced the standing committees as follows: - Finance -

Farm Management -

Botany & Horto. -

Buildings -

Employees -

Farmers Institutes -

Mechanics -

Vety Dept -

College Land Grant -

Military Dept. -

State Weather Service -

* Experimentation

McCreery, Glidden

Glidden, Butterfield

Garfield, Palmer

Butterfield, McCreery

Palmer, McCreery

Glidden, Butterfield

Garfield, Palmer

Palmer, Butterfield

McCreery, Palmer

McCreery, Garfield

Glidden, Willits, Garfield

Palmer, Glidden

Clute

New committee

It was resolved that there be added to the standing committees of the Board, a committee in Experimentation. The President appointed as above *

B. F. Davis,
Treasurer.

On motion, Mr B. F. Davis was reelected Treasurer of the college on the same conditions as to bond and interest as last time.

The Board then adjourned to the first Monday in April. Henry S. Reynolds Secy.

Capitol Building, Lansing, April 1st 1899 - 7:30 P.M.

The Board met pursuant to adjournment.

Present were Pres't Wells, Gov. Rice, Messrs McCreery, Garfield, Glidden, Butterfield and Pres't Willits.

The minutes of the meetings of Feb 1st and 1st were read and approved.

Pres't Willits tendered his resignation of the Presidency of the college, ^{and Directorship of the Experiment Station} with the request that it be accepted at once, and that he be relieved from duty at as early a date as possible, on account of his having accepted the Assistant Secretaryship of Agriculture which would need his attention as soon as might be.

Mr Robert Hewitt being present and invited to speak, asked that if it met the views of the Board they should give an expression of opinion on

Pres't Willits
resigns.

Farm Statistics the Cole bill now before the Legislature to repeal the farm statistics law. The matter was discussed and individual views favorable to the statistics expressed but no action was taken.

Blk Board

It was resolved that the Secretary be authorized to provide blackboards for Class Room C. also an electric bell for Abbot Hall at an expense not to exceed \$20.⁰⁰ (for the bell).

Abbot Hall Bell

It was resolved that the Secretary notify the heads of departments that no college property be lent or rented for private use off of the Grounds.

Lending Proply.

E. end of Farm

An inquiry as to whether the extreme eastern tip of the college farm, lying east of the N. & S. road next east of the college buildings, could be bought was informally answered in the negative.

The Board adjourned to meet at the College at 8.30 a.m.

Agricultural College April 2nd 9 a.m. 1889

The Board reconvened as per adjournment, with all the members present except Prof. Willits for the first hour.

Resignation of Prof. Willits

It was resolved that the resignation of President Edwin Willits be accepted, to take effect on Saturday April 13th, and that he be relieved at once of all duties connected with the college except the instruction of his class in Political Economy.

It was resolved that a committee of three be appointed to draw up resolutions expressive of the feelings of this Board with regard to the faithful service of President Willits to this College; our regret at losing him and our congratulations to the Dept. of Agriculture on securing so valuable an aid in its organization; and that the same be spread upon the minutes of this Board and a copy furnished to Secretary Rust of the Dept. of Agriculture.

The chairman appointed as such committee Mr. Garfield, Gov. Duce and Col. McCree.

The committee retired and on returning presented the following report which was unanimously adopted.

In accepting the resignation of President Edwin Willits the Board of Agriculture desires to place on record its appreciation of his faithful, intelligent and earnest labor in behalf of the Michigan Agricultural College. Under his administration there has been a continuous progressive movement in college affairs; and while we, from the first, have had perfect confidence in his ability to wisely manage the diversified interests entrusted to his care, we have been more than justified with the success attending his enthusiastic and discreet efforts to broaden the scope of the college and intensify its methods of popularizing industrial education.

and awakening the people of our State to an appreciation of the value of scientific attainments as an accompaniment of rural life.

We recognize his ability to fill creditably the position of Assistant Secretary of Agriculture to which he has been called and while we sincerely regret the loss to our College occasioned by his resignation we can but feel complimented by his selection for so important governmental position and we congratulate the administration on the wisdom of its choice.

In closing the relationship which has continued so pleasantly and profitably our hearty good wishes will follow our retiring President into his new field of labor; although he may follow new and broader avenues of usefulness and make a larger acquaintance with the necessities of Agriculture and means of meeting them, he will always be kindly remembered by the Agricultural College of Michigan as having given an added impetus to its progressive movement.

Chas W. Fairfield }
 Cyrus S. Luce } Committee
 Mrs. B. McKenry }

Herbarium Paper

It was resolved that Dr Beal be authorized to procure paper for the herbarium to the value of \$18. and express charges

Alcohol

It was resolved that Dr Beal be authorized to procure tax free; a barrel of alcohol for use in the Botanical Museum.

Hepaticae

It was resolved that Dr Beal be authorized to subscribe for 20 decades more or less of Hepaticae at 63 cents per decade.

Filing Boxes

It was resolved that Dr Beal be authorized to procure 40 covers for filing pamphlets for \$2. and 18 letter filing pasteboard boxes for \$13.

Farmers' Institutes

It was resolved that the Committee of the Board on Farmers' Institutes be requested at its earliest convenience after the passage of our Legislative appropriation bill to prepare a schedule of Institutes for 1890 with dates and places and estimates of expense and report the same back to this Board for consideration.

J. Wells Preskott

It was resolved that the President of the Board of Agriculture be President pro tem of the College from the close of President Willits' official service to the accession of his successor.

Election Postponed

It was resolved that the election of a President of the College be postponed for one month.

It was resolved that the Secretary be instructed to ask Prof. MacSwan to appear before the Board at 2 p.m.

It was resolved to take a recess till 1:30 p.m.

H. S. Reynolds Secy.

Agricultural College April 2nd. 1.30 p.m. 1889.

The Board reconvened with all the members present but Governor Luc.

South Haven
Expt. by
J. J. Lyon

It was resolved that the sum of \$150.00 be appropriated out of the Experiment Station Fund for the purpose of securing a report from Pres. J. J. Lyon of the State Horticultural Society on fruits and for the purchase of new stock incidental to the preparation of the report; \$50. to be paid when the stock is set and \$100. on the delivery of the report.

Uniforms

Lieut. Simpson being invited in asked the Board to consider the question of compulsory uniforms for the students stating that the cost would not exceed \$25.00 apiece. No action was taken.

Prof. MacEwan

Prof. MacEwan being present was informed that certain members of the College committee of the Legislature had complained to members of the Board of his having spoken to them in disparagement of the Agricultural Department of the College and of the Professor of Agriculture. Prof. MacEwan said that nothing had been further from his purpose and that he could not conceive how such an impression had been formed.

Dr. Kedzie
Director pro tem

It was resolved that Dr. R. G. Kedzie be Director pro tem of the Experiment Station of the Michigan Agricultural College to succeed President Willits.

Petition

A petition of Ray S. Baker and 27 other members of the Senior class relative to instruction in Agriculture was by resolution ordered placed on file.

Mr. Knapper

It was resolved that Mr. Knapper be allowed to expend in anticipation of the passage of the appropriation bill \$20.00 for plants and \$20.00 for pots.

Chair of English

It was resolved that the Committee on Employes be and they are hereby requested to recommend to this Board at its next meeting the name of a suitable person to occupy the chair of English Language and Literature in this College.

Mr. Millan
Collection

The following preamble and resolution were unanimously adopted. Whereas Senator James Mc Millan has presented to the College a very rare, complete and admirable collection of native and exotic Lepidopterous insects, a collection rich in types and uniques, that will be of great service to the College as an adjunct to its economic and scientific equipment;

Therefore, resolved, that we appreciate very highly this generous donation and tender to Senator McMillan our grateful acknowledgements for his very timely and valuable gift.

L. C. Colburn

It was resolved that the position of assistant to Prof. Durand at \$500.00 per year beginning at the opening of the next fall term be tendered to Mr. Luke C. Colburn.

Flower Show

It was resolved that Dr Q. Palmer be the delegate of this Board to attend the flower show at Detroit this month.

The Board then adjourned to meet in their office at the Capitol Monday May 6th 1889 at 7.30 p.m.

Henry A. Reynolds, Secretary.

Office of the Board of Agriculture in the Capitol

Lansing Michigan May 6th 1889. 7.30 p.m.

The Board met pursuant to adjournment, present President Wells and Messrs McCreery, Garfield, Palmer, Glidden and Butterfield.

The minutes of the meetings of April 1st and 2nd were read and approved.

Mr Palmer made a report of the Detroit Flower Show which was accepted and the committee discharged.

A communication from Prof. Druand relative to electric lighting was read and for the time being laid on the table.

Storm Windows

B.A. Hills

It was resolved that Mr B. A. Hills be allowed \$15.⁵⁰ worth of rent from April 17th at the rate of \$1.00 per week in the President's house (of which he occupies the Kitchen and room over it) ^{till the new President takes possession} or 50 cents per week in the old bee house on account of the value of the storm windows put into the house by President Willits, this arrangement being in accordance with the request of President Willits.

Bath Tubs

The petition of W. A. Graves and 16 others for permission to put in bathing conveniences in Abbot Hall basement for their exclusive use was laid on the table till morning.

Triennial

It was resolved that 1500 extra copies of the triennial catalogue be furnished to the Secretary of State for distribution to the crop correspondents.

Catalogue

The Secretary was authorized to expend not to exceed \$25.00 toward procuring a cut of the Library building for the catalogue.

The Board adjourned & meet at 8.30 a.m. at the College

Agricultural College 9 a.m. Tuesday May 7th '89

The Board reconvened with the same members present.

Instrument Shelters

It was resolved that Mr Conger be authorized to contract for 60 instrument-shelters for Voluntary Observer stations.

Meteorological Jnl.

It was resolved that Mr Conger be authorized in his discretion to make arrangements to supply the Voluntary Observers with the Meteorological Journal at an expense not to exceed \$13.65 per annum to be paid out of the Weather Service Incidental Expense Fund.

R.R. Weather Signals

It was resolved that Mr Conger be authorized to extend the Rail Road system of distributing weather indications to the Flint & Pere Marquette, the Detroit, Lansing & Northern, the Toledo & Ann Arbor and the Cincinnati Jackson Mackinaw roads at an expense not to exceed \$100.00 to be

Salaries

paid out of the Weather Service Distribution fund

It was resolved that the question of the salaries of Messrs. Sellen^{Peebles} and Davenport be referred to a committee consisting of the Committee on Employes and Experiment Stations and Dr. Kedzie with request that they consider the cases in connection with the whole question of the college pay roll in accordance with the resolution of August 15th 1888 (recorded on page 546, lines 13 to 20)

Bath House

It was resolved that the question of a bathing house be referred to the Committee on Buildings with request to report this afternoon

Gov. Luce

Governor Luce arrived at this point making all the members present

Bath House

It was resolved that the Building Committee and Prof. Carpenter be requested to formulate a plan for providing bathing facilities

Carpenter Apparatus

It was resolved that Prof. Carpenter be authorized to expend \$10.00 for apparatus out of the old Mathematical Dept. appropriation.

Election of President
Celute

By resolution the applications of various candidates for the Presidency of the College were placed on file viz.

Mr. Robt. Campbell, Prof. David Howell, Prof. Perinton, Mr. H. A. Thompson

Mr. A. Beardslee, Prof. Hailman, Prof. Griffin.

The Board then took a recess to 12.30 p.m.

Agricultural College May 7th 12.30 p.m.

The Board reconvened with all the members present. After a few informal ballots it was resolved to proceed to a formal ballot for the election of a President of the College. The result of the ballot was as follows:

For Rev. Oscar Celute of Pomona, California 5 votes

For Dr. R. C. Kedzie of Agricultural College Mich 2 votes

The President of the Board announced that Rev. Oscar Celute having received a majority of the votes cast was duly elected President of the Michigan State Agricultural College.

It was resolved that the President of the Board telegraph Mr. Celute informing him of his election.

Bath House

The committee on bathing house recommended that the sum of \$300.00 be appropriated to be expended under the direction of the Secretary, provided the students shall raise an equal amount and also provided that the students organization shall assume the responsibility of the care and management of the same when completed and that the baths shall be equally open to all the young men of the college without charge, unless misbehavior shall, by regular rule debar them.

On motion the report of the committee was accepted and adopted.

It was resolved that Prof. Durand be instructed to make an electric

Electric Light light dynamo according to the plans submitted by him; the same to be paid for out of the Special Appropriation for Mechanical Department.

The report of the joint committee on salaries was accepted and adopted as follows:—

Your committee to whom was referred the matter of compensation of Messrs Davenport, Zeller and Peebles assistants in the Experiment Station respectfully report that they recommend that the salary of Mr Davenport be fixed at \$500. for his second year's work; that Mr Zeller be paid \$100.00 for the extra three months work performed by him in the Laboratory on ensilage or during the winter vacation, and that Mr Peebles be paid \$25.00 per month the 3½ remaining months of the present school year as an assistant to Dr Kedzie; all to be paid from the Experiment Station Funds.

Military Band It was resolved that Lieut. Simpson be authorized to expend \$50.90 for music and ^{musical} instruments for the military department.

Simpson Salary The question of Lt. Simpson's salary was informally referred to the committee on employees.

Kedzie, Absence The request of Dr Kedzie for leave of absence from June 3rd to June 8th to attend the International Congress of Medical Jurisprudence at New York was granted.

Fence It was resolved that Prof. Taft be authorized to remove the fences forming a lane west of Prof Johnson's house.

Ice It was resolved that the Horticultural Dept. charge enough for ice to cover the cost of furnishing & delivering it.

Gladden It was resolved that Prof. Taft be authorized to employ Mr H. P. Gladden for five hours per day at \$3. per week from April 8th, through September.

Mower It was resolved that Prof. Taft be authorized to purchase a mowing machine, a 4 ft 6 in. Buckeye at \$55. for the lawns.

Vacation Labor It was resolved that Prof. Taft be authorized to employ an average of 6 hands per day at \$1.00 per day during vacation to be paid out of Current Account.

Entrance Gate It was resolved that Prof. Taft be authorized to have the posts and fence at the West entrance to the grounds put in order.

Drives It was resolved that Prof. Taft be authorized to make certain modifications in the drives suggested by him, viz. widening the walk ^{the road in front of} from Prof MacEwan's house to Abbot Hall so that it may be used as a drive way and also slightly straightening the main east and west drive way in front of Prof. Johnson's house.

Vet. Wagon It was resolved that Dr Grange be authorized to sell the harness and double wagon owned by the Experiment Station, Veterinary Dept.

It was resolved that Dr Grange be authorized to expend

Actinimicosis \$200. from the Sundry Fund of the Experiment Station for investigations relative to Actinimicosis

Calceining Applications of Prof Johnson and the Secretary relative to the calceining of their houses were referred to the Committee on Buildings.

The Board then adjourned to meet in their office at the Capitol on June 3rd at 7.30 p.m.

Henry S. Reynolds Secy.

Lansing, Mich., Monday June 3rd '89

Prot. Clute
acceptance

The Board met pursuant to adjournment in their office at the Capitol at 7.30 p.m., all the members present except Mr Butterfield, including President Clute whose formal letter of acceptance was presented by President Wells and placed on file.

The minutes of the meetings of May 6th & 7th were read & approved.

Prof. MacEwan
Resigns.

Prof. MacEwan presented his resignation of the chair of English Language and Literature to take effect at the close of the present term.

Filing Cabinet
Type writer

Mailing Machine

" list
Bulletin case

It was resolved that the Secretary purchase for the Expt. Station Secretary's office a filing cabinet, ^{a case for bulletins} a typewriter and a Dick mailing machine and have the bulletin mailing list reprinted, if funds allow.

Y.M.C.A. Library

It was resolved that the Secretary have made for the library reading room a suitable book case for the ^{collection} of books presented to the College Library by the College Young Men's Christian Association, which donation is hereby accepted on condition that they shall continue to be kept as a collection by themselves and in all other ^{respects} be treated, as to cataloguing, issuing to students or in the same manner as the main part of the library.

Repair

The applications of Prof. Druand, Mr. Williams and Club St. for certain expenditures on buildings occupied by them were referred to the Building Committee.

Prof. Hayes

It was resolved that the Pres. of the College be requested to correspond with Ex. Pres. Hayes with reference to securing him for an address during Commencement week on the Relation of Industrial Training to Crime.

Mr Conger

It was resolved that Mr Conger be given leave of absence for one week beginning June 10th.

The Board adjourned to meet at the College at 8.30 a.m.

H. S. Reynolds Secy.

Agricultural College Tuesday June 4th '89

The Board reconvened as per adjournment with all the members present except Gov. Luce, Mr Butterfield having arrived late in the evening.

Prof. Sapt
purchases

It was resolved that Prof. Sapt be authorized to expend from the Experiment Station funds \$175 for microscopic and photographic apparatus \$125. for his plants or already ordered and \$20. for a revolving book stand.

It was resolved that Prof. Sapt be authorized to expend the balance of the special appropriation for the Hort. Dept.

Prof. MacEwan's
Resignation

It was resolved, that the resignation of Prof. MacEwan be accepted, by a ye and nay vote as follows: Ye: Prof. Mills, Prof. McEwen, Mr. Glidden & Mr. Butterfield, 4; Nay, Mr. Garfield, Mr. Palmer, 2. Prof. Blute was excused from voting from lack of personal knowledge of circumstances.

Dr. Beal Microscope

It was resolved that Dr. Beal be allowed to expend \$169. of Experiment Station fund for a microscope.

Bulletin 47

It was resolved that the Secretary be instructed to have 3000 additional copies of bulletin No 47 printed.

The Board then took a recess till two p.m.

Agricultural College June 4th 2 p.m.

Prof. Carpenter
purchases

The Board reconvened with the same members present.

It was resolved that Prof. Carpenter be allowed to expend from the Special appropriation for Mathematics and Engineering seventy five dollars (\$75.00) for apparatus for photographic surveying; fifty dollars (\$50.00) for micrometer to telescope and twenty five dollars (\$25.00) for attachments to the testing machine.

Engineer's Salary

It was resolved that the question of the engineer's salary be referred to the special committee on salaries.

Prof's House

It was resolved that Prof. Blute be authorized to make such expenditure for paint and paper as may be necessary to make his house comfortable.

Dr. Beal

It was resolved that Dr. Beal be authorized to have a tall case made for the Experiment Station room in his laboratory, some shelving put in the seed testing room, a screen over the pump and a short ladder for the same room. Also on account of the Botanical Special Appropriation to put up forestry pictures in 2nd story Hall way of Laboratory.

Boiler House

It was resolved that two rooms of the boiler house dwelling be papered and the ceiling calcimined.

Prof. Durand

It was resolved that Prof. Durand be authorized to have his sitting room papered, dining room papered and painted and front steps painted. and to purchase this term shop tools to the extent of \$100.00.

Tools

It was resolved that the Secretary provide paint and have painted the tin roofs and conductor pipes and eaves troughs of College Hall Williams Hall and the westernmost three houses of Faculty row.

Tin Roofs

It was resolved that the Secretary have a tinner repair the tin

- Furnace* Roofs, conductor pipes and so forth whenever needing it.
- Basement Hall* It was resolved that doors be put in in Abbott Hall basement to close the trunk & store rooms from the furnace room.
- It was resolved that the Secty be instructed to provide screen for Club S: Kitchen, pantry & dining hall, and to protect the store room in the basement from water settling into it.
- Farm House* It was resolved that the farm house be plastered calcimined and papered as required, that the mens room be wainscotted and the front steps painted.
- College Hall* It was resolved that the repairs of College Hall be put in the hands of the Secretary to be let to Mr. Spores in accordance with his bid, facing the south wall with portland cement block work and having a portland cement water table that shall be not less than two inches thick at its ~~narrowest~~ ^{thinnest} part.
- Sheep-Pig Cook* It was resolved that Prof. Cook be authorized to borrow ten sheep for experimental purposes and to pay for any dying ^{in the process}; also to purchase for \$65.00 of Prof. Pierce of Ann Arbor 2 Birds of Paradise, 1 Indian bat, 1 Skunk and one sloth's skeleton.
- Specimens*
- Library roof* It was resolved that the Secretary have the roof of the Library building repaired.
- Bath House* It was resolved that the Board accede to the proposition of the students' organization to pay \$300. provided we appropriate \$300. toward a bath house, placing the house in care of the organization and permitting the organization to arrange for membership and assessments after the manner of the College clubs, provided always that the methods shall not be operative until ratified by the President of the College.
- Ag. Laboratory Com.* President Wells appointed as a special committee on Agricultural Laboratory Messrs. Butterfield, McHenry, Clark & Johnson.
- Expt. Bldg.* It was resolved that Prof. Johnson be authorized to erect a building for the Experiment Station to cost within \$200. for feed cutting or
- 10c Labor* It was resolved that the Bills of Professors Beal and Johnson for 10c student vacation labor be allowed.
- It was resolved that Dr. Beal be paid \$89.45 for
- | | | |
|-------------------------------------|-------|---------|
| 165 genus covers for herbarium @ 2c | 3.30 | |
| 1532 sheets for plants " " " 1/4 | 19.15 | |
| 670 grasses " " " 10c | 67.00 | \$89.45 |
- Vacation Labor* It was resolved that the Legislation appropriation for payment of student labor at the College shall not be employed in payment of any labor done by students during college vacations.
- It was resolved that this Board accept with pleasure the

Real Herbarium gift from Prof. Beal of 2000 herbarium specimens collected by him before he became a professor at this college; and that we hereby extend to him cordial thanks for his valuable gift.

Jersey bull It was resolved that Prof. Johnson be authorized to purchase a good Jersey bull for the Experiment Station.

Paint Gr. H. It was resolved that the Secretary provide material and have the necessary painting done at the College Greenhouse.

Prof Cook It was resolved that Prof. Cook be authorized to expend \$50. in papering his house.

Com. on Employees It was resolved that Trust Clute be added to the standing Committee on employees.

It was resolved that the Secretary have the doors locks and windows cases of Williams Hall repaired at an expense not exceeding \$350.00

The Board then adjourned to meet in their office at the Capitol on Monday July 1st at 7.30 pm.

Henry G. Reynolds, Secy.

State Board of Agriculture.

MEMBERS OF BOARD.

Hon. Franklin Wells,	Constantine.
Hon. Wm. B. McCreery,	Flint.
Hon. Chas. W. Garfield,	Grand Rapids.
Hon. Oscar Palmer,	Grayling.
Hon. A. C. Glidden,	Paw Paw.
Hon. L. H. Butterfield,	Lapeer.
The Governor of the State,	Ex-Officio.
The President of the College,	

Henry G. Reynolds, Agricultural College,
Secretary.

B. F. Davis, Lansing.
Treasurer.

OFFICE OF THE SECRETARY.

Agricultural College - P. O.,
LANSING,

Ingham Co., (Mich.) July 1st, 1889

Resignations

Johnson
Investigation

Henry G. Reynolds, Secy.

The Board met pursuant to adjournment, in their office at the Capitol, at 7-30 p.m. All of the members were present except Col. McCreery, from whom a letter was read, stating that he had been imperatively called to New York at the last moment. Prof. Johnson was also present.

The minutes of the meetings of June 3rd and 4th were read and approved.

President Clute reported the resignation of Mr. French, Mr. Hillman and Miss. Abbot and presented a petition from the Faculty asking the Board to investigate certain charges which have appeared in the newspapers, to the effect that the Faculty are antagonizing the Agricultural department of the College. He also stated that he had received and forwarded to President Wells a similar request from Prof. Johnson.

Prof. Johnson reported having invited Mr. Will. E. Hale to succeed Mr. H. T. French as assistant in experiments; and made an extended statement as to his relations with the students and members of the Faculty and presented a written report of the occurrences in his class on the morning of the 6th ult. and of his remarks to the students on that occasion; and added that he thought that he could prove that certain members of the Faculty were inimical to him and had incited disorder against him among the students.

President Clute remarked that he thought that if Prof. Johnson could prove those charges it ought to be done and the guilty ones dismissed at once, while on the other hand, if the statements made by the students as to Prof. Johnson's remarks in class on June 6th were true, Prof. Johnson would probably agree with him in the opinion that he ought not to be continued as a member of the Faculty.

To these views Prof. Johnson expressed his cordial assent adding that he would present his charges in specific form at the pleasure of the Board. He then excused himself and left the room.

It was resolved that Prof. Johnson be invited to state specifically what members of the Faculty were responsible for the course of the students on the 6th of June; and that the Board inves-

State Board of Agriculture.

MEMBERS OF BOARD.

Hon. Franklin Wells,	Constantine.
Hon. Wm. B. McCreery,	Flint.
Hon. Chas. W. Garfield,	Grand Rapids.
Hon. Oscar Palmer,	Grayling.
Hon. A. C. Glidden,	Paw Paw.
Hon. I. H. Butterfield,	Lapeer.
The Governor of the State,	Ex-Officio.
The President of the College,	

OFFICE OF THE SECRETARY.

LANSING and

Agricultural College P. C.

Henry G. Reynolds, Agricultural College,
Secretary.
B. F. Davis, - Lansing.
Treasurer.

Ingham Co., Mich. July 1st & 2nd, 1889.

tigate the truth of the speech alleged to have been made by him on that day, and consider the petition of the Faculty.

It was resolved that the investigation be conducted by the members of the Board, without counsel for either side, and that Dr. Kedzie be permitted to speak for those against whom Prof. Johnson makes his charges, as requested by the Faculty, only in case he is one of those against whom charges are preferred.

It was resolved that the action of the Faculty in recommending Mr. Fred. C. Miller of Grand Rapids for the degree of Master of Science be approved and the degree conferred.

It was resolved to adjourn to meet at the College at 9 a.m.

Agricultural College, Mich.,

July 2nd, 1889, 9 a.m.

The Board reconvened as per adjournment, with the same members present and also, by invitation, Prof. Johnson and Dr. Kedzie, both of whom remained throughout the continuance of the investigation. This occupied the entire morning and afternoon sessions and in its course there were presented the following papers, all of which are on file in the Secretary's office, viz. -

- 1st, Prof. Johnson's statement of his remarks of June 6th.
- 2nd, Prof. Johnson's charges against Dr. Kedzie.
- 3rd, Dr. Kedzie's statement and charges against Prof. Johnson.
- 4th, Student's hektograph report of Prof. Johnson's remarks of June 6th before his class.
- 5th, Signed statement of 16 of the 18 members of the class as to remarks of Prof. Johnson before class on June 6th.
- 6th, Petition to the Governor of 172 students asking Prof. Johnson's removal.

During the investigation, the following witnesses were summoned, at Prof. Johnson's request, and examined, viz. 6 of the signers of the paper numbered 5th in the above list, Messrs C. L. Crandall, C. F. Baker, A. R. Locke, C. P. Locke, H. H. Doty and Miss Mabel Linkletter; also of the same class, but impugning the correctness of the paper, Miss Alice Johnson, daughter of the Professor; of the Senior class, Messrs P. G. Holden, Will. Curtis, J. W. Toan and R. S. Baker; and of the officers of the College, Prof. Cook and Dr. Beal to answer verbal charges made by Prof. Johnson, Prof. Carpenter, Wm. D. Brown the herdsman and Mr. H. T. French the assistant in farm experiments.

At the conclusion of the investigation Prof. Johnson and Dr. Kedzie withdrew.

The Board then took a recess of a half an hour, at the expiration of which, they again came to order and,

It was resolved that the Board ask for Prof. Johnson's resignation to take effect at the close of the present College term.

It was resolved that while the action of this Board is such as proves that they deem it best to part with the services of Professor Samuel Johnson, we have yet the utmost confidence in his integrity and manliness and in his great ability as a practical agriculturist. We recognize the special service which he has rendered to this College for the past ten years, his untiring energy and devotion to the interests of the College and truly regret the necessity which has arisen for the action which has been taken and hereby express the hope that the cordial relations and personal friendship which have so long existed between Professor Johnson and the Board may be continued.

It was moved to proceed to ballot for a Professor of English Language and Literature.

It was moved to amend to instruct President Clute to investigate further into the merits of the several candidates, and that for that purpose the election be postponed until the next meeting. The motion as amended prevailed.

The Board then took a recess of one hour for supper.

*F. C. Miller M.S.**Johnson Investigation**Henry G. Reynolds, Secy.*

State Board of Agriculture.

MEMBERS OF BOARD.

Hon. Franklin Wells, . . . Constantine.
 Hon. Wm. B. McCreery, . . . Flint.
 Hon. Chas. W. Garfield, . . . Grand Rapids.
 Hon. Oscar Palmer, . . . Grayling.
 Hon. A. C. Glidden, . . . Paw Paw.
 Hon. L. H. Butterfield, . . . Lapeer.
 The Governor of the State, } Ex-Officio.
 The President of the College, }

OFFICE OF THE SECRETARY.

Henry G. Reynolds, Agricultural College,
 Secretary.
 B. P. Davis, - Lansing.
 Treasurer.

Agricultural College P. O.,

Ingham Co., (Mich.) July 2nd. & 3rd, 1889

The Board reconvened at 7-30 p.m. with the same members present. It was resolved that the application of Prof. Carpenter for certain repairs to the house occupied by him be referred to the committee on buildings with power to act.

It was resolved that the application of Prof. Carpenter to have the present Agricultural class room assigned to the use of his department after the completion of the new Agricultural Laboratory, be placed on file.

It was resolved that the resignation of Mr. H. T. French be accepted to take effect July 15th.

It was resolved that the resignation of Miss M. M. Abbot be accepted to take effect July 15th.

It was resolved that the temporary filling of the vacancy caused by the resignation of Miss Abbot be referred to President Clute and that the committee on employees be requested to be on the lookout for a suitable person to recommend at the next meeting of the Board.

It was resolved that President Oscar Clute be elected Director of the Experiment Station.

It was resolved that the Director of the Michigan Weather Service be authorized to expend a sum sufficient to supply his observers with local storm flags, from the appropriation for the distribution of weather indications and cold wave warnings and the display of weather signals.

The Board then adjourned till morning.

Agricultural College, Mich.,
 July 3rd, 1889, 9 a.m.

The Board reconvened as per adjournment; present Messrs Wells, Palmer, Garfield, Butterfield, Clute and the Secretary.

President Clute presented the resignation of Mr. Hillman which, on motion, was accepted to take effect at such time as the President and Prof. Cook may arrange.

It was resolved that the salaries now paid be continued for the same grade of work for the coming year.

It was resolved that Mr. Richard Hiscock be Engineer at \$600.00 per year from and after July 1st.

On recommendation of the committee on buildings, it was resolved that Prof. Carpenter be authorized to have four rooms of his house calcimined and the hall woodwork and porch painted.

It was resolved that the Chemical Laboratory roof be repaired under the direction of the Secretary.

It was resolved that, in the opinion of the Board, according to the meaning of the statute requiring the payment of tuition by non resident students, Mr. C. F. Rittinger is a resident of Michigan and Mr. N. C. Smith is a resident of Indiana.

A communication from Prof. Taft relative to employees, was referred to the committee on employees.

It was resolved that Lieut. Simpson be authorized to pay for the transportation of members of the Senior class to target practice on the remaining Saturdays of this term.

The applications of Lieut. Simpson and of Club F. for cisterns were referred to the committee on buildings with power to act.

The Secretary was authorized to purchase material for a small addition to the old bee house.

It was resolved that the triennial catalogue be printed with the annual catalogue of this year.

The Board then adjourned to meet at the Capitol on Aug. 5th at 7-30 p. m.

Henry G. Reynolds, Secy.

Prof. Carpenter's House

Ag. Class Room

H. T. French

Miss Abbot

Director Expt. Sta.

Local Storm Flags

J. H. Hillman

Salaries

R. Hiscock

Prof. Carpenter's House

Chem. Lab. Roof

Non Residents

Target Practice

Cisterns

Bee House

Triennial

State Board of Agriculture.

MEMBERS OF BOARD.

Hon. Franklin Wells, . . . Constantine.
 Hon. Win. B. McCreery, . . . Flint.
 Hon. Chas. W. Garfield, . . . Grand Rapids.
 Hon. Oscar Palmer, . . . Grayling.
 Hon. A. C. Glidden, . . . Paw Paw.
 Hon. I. H. Butterfield, . . . Lapeer.
 The Governor of the State, } Ex-Officio.
 The President of the College, }

OFFICE OF THE SECRETARY.

Agricultural College P. O.

LANISING,

Ingham Co., Mich. August 6th, 1889

Henry G. Reynolds, Agricultural College,
 Secretary.

B. F. Davis, Treasurer, Lansing.

The Board met, by request of the President, one day later than the date to which it had adjourned, in their office at the Capitol, on Tuesday August 6th at 7-30 p.m. All of the members were present except Dr. Palmer. Prof. Johnson was also present.

The minutes of the meetings of July 1st, 2nd and 3rd were read and approved.

President Clute reported the engagement of Mr. T. R. McClure as Librarian pro tem. and, on behalf of the Com. on Employees, recommended the election of Prof. Edward Playfair Anderson of Athens Ohio to the chair of English Literature and Modern Languages.

Audience was then given to Prof. Johnson who presented two papers, one replying to certain charges ~~presented by him~~ ~~ing-for-a-review-of-judgment-in-his-case.~~ and the other petitioning for a review of judgment in his case. Prof. Johnson then withdrew and the papers were both ordered placed on file with the Secretary. It was resolved that leave of absence be granted to Dr. Kedzie, Dr. Beal and Prof. Cook to attend the meeting of the Association for the Advancement of Science.

The Board then adjourned to meet at the College at 8-30 a.m.

Agricultural College, Mich.

August 7th, 1889, 8-30 a.m.

The Board reconvened as per adjournment, with the same members present and in addition Dr. O. Palmer, who arrived at 10 a.m. thus making the full number of the Board present.

It was resolved that the subjects that have, for the last three years been taught by Mr. P. B. Woodworth, and such others as are naturally and usually classed with them, be made a department of instruction to rank of the same grade as other departments, and to be known as the "Department of Physics".

It was resolved that Mr. Philip B. Woodworth is hereby appointed Assistant Professor of Physics, at a salary of \$800.00 per annum and the use of a room in Howard Terrace.

It was resolved that Prof. R. C. Kedzie is hereby delegated to attend the meeting of Official Agricultural Chemists to be held in Washington, D. C. Sept. 10th, and that his necessary expenses be paid from the Chemical fund of the Experiment Station.

It was resolved that \$750.00 of Experiment Station money of the present year, and an equal sum from the Experiment Station money of the next year, or so much thereof as may be essential, be devoted to the building of a propagating house for the Horticultural Department of the Experiment Station.

It was resolved that the Com. on Buildings is hereby requested to consider the feasibility of building the propagating house before winter, in order that it may be of service in the work of next spring, and if found feasible, to have the same built.

It was resolved that President Clute and Prof. Taft act with the Com. on Buildings on the subject of the propagating house.

It was resolved that Prof. Beal is authorized to purchase a collection of Florida lichens, of about 100 species, for \$12.00 & that the same be paid for from the Botanical Special fund.

It was resolved that the Department of Botany be permitted to sell three old microscopes of those first bought and to purchase three stage microscopes, to cost in aggregate about \$30.00 and to be paid for out of the Botanical Special fund.

It was resolved that the Botanical Department is authorized to purchase wide-mouthed bottles for museum specimens, to the amount of \$40.00, and that the same be paid for out of the Botanical Special fund.

It was resolved that Mr. Knapper is hereby granted leave of absence to attend the Fifth Annual Convention of the Society of American Florists.

It was resolved that the sum of \$50.00 is hereby appropriated from the Green House Special fund, to be used by Mr. Knapper in the purchase of new plants for the Green House.

It was resolved that Mr. Knapper is hereby authorized to engage the services of Mr. Frank M. Paine, of the class of '89, for we

McClure, J. R.

Johnson petition

Asst. Adv. Science

Dept. of Physics

Prof. Woodworth

Dr. Kedzie Delegates

Propagating House

Florida Lichens

Microscopes

Bottles

Florists Convention
 Plants

F. M. Paine

PAGE 2.

State Board of Agriculture.

MEMBERS OF BOARD.

Hon. Franklin Wells, Constantine.
 Hon. Wm. B. McCreery, Flint.
 Hon. Chas. W. Garfield, Grand Rapids.
 Hon. Oscar Palmer, Grayling.
 Hon. A. C. Glidden, Paw Paw.
 Hon. L. H. Butterfield, Lapeer.
 The Governor of the State, } Ex-Officio.
 The President of the College, }

OFFICE OF THE SECRETARY.

Henry G. Reynolds, Agricultural College,
 Secretary.

B. F. Davis, Lansing.
 Treasurer.

Agricultural College P. O.,

Ingham Co., Mich. August 7th, 1889.

work in the Green House and Flower Garden at \$35.00 per month.

It was resolved that the Secretary be instructed to notify Prof. Pattengill that his services will not be required after the close of the present term.

It was resolved that the French and German be attached to the Department of English, and that hereafter that department be known as the "Department of English Literature and Modern Language

It was resolved that Prof. Edward Playfair Anderson, of Athens, Ohio, be appointed Professor of English Literature and Modern Languages, to enter upon duty Aug. 26th 1889, at a salary of \$1800.00 per annum, with use of the cottage now occupied by Prof. MacEwan.

It was resolved to defer the election of a Librarian to the next meeting.

The letter of resignation of Prof. Johnson was read and *There was* presented by President Wells, petitions signed by 1668 names praying that the resignation be not accepted; also a variety of letters on both sides of the question, after which it was resolved that the resignation of Prof. Johnson be accepted.

Apropos of the petitions, Governor Luce remarked that it was a wrong assumption that the Board were bound to act only on public judicial investigation; that they are responsible to the State for the proper management of the institution and that they are only bound to make such examination as satisfies their judgment as to the wisdom of retaining or dispensing with the services of any employee.

It was resolved that the petitions be filed with the Secretary.

It was resolved that the President of the Board be authorized to confer personally with Prof. Henry, of Madison, Wis. and inform himself in regard to his qualifications for the professorship of Agriculture, ascertain whether he would consider an offer from this College, and report to the Board at its next meeting.

Dr. Palmer, for the Com. on Employees, presented the following:- To the State Board of Agriculture,

Gentlemen, Your committee on employees respectfully report that they have had under consideration the question of assistants in the Experiment Station work and recommend that the following be hired and paid from the Experiment Station funds for that work:-

For the Garden Dept.	---Prof. L. R. Taft,-----	\$600.00	
" " " "	---Chas. L. Crandall,-----	250.00	
" " " "	---David Anderson Jr.,----	300.00	
" " " "	---H. P. Gladden,-----	300.00	\$1450.00
" " Farm "	---Prof. of Agriculture,--	\$600.00	
" " " "	---Assistant on Farm,----	300.00	
" " " "	---" " in Office,-----	300.00	1200.00
" " Chemical "	---Prof. R. C. Kedzie,-----	\$600.00	
" " " "	---" " F. S. Kedzie,-----	300.00	
" " " "	---Geo. L. Teller,-----	500.00	
" " " "	---A. B. Peebles,-----	300.00	1700.00
" " Botanical "	---Prof. W. J. Beal,-----	\$600.00	
" " " "	---Eugene Davenport,-----	500.00	
" " " "	---Lyster H. Dewey,-----	500.00	1600.00
" " Zoology "	---Prof. A. J. Cook,-----	\$600.00	
" " " "	---Chas. B. Cook,-----	500.00	1100.00
" " Veterin'y "	---Prof. E. A. A. Grange,----	\$300.00	
" " " "	---N. S. Mayo,-----	500.00	800.00
" " Library,-----	-----	\$120.00	120.00
Total for salaries,-----		\$7970.00	

Your Committee further recommend that the balance of the appropriation be divided as follows:-

For the Farm Department,-----	\$2500.00
" " Chemical " including out stations	1000.00
" " Botanical " " " "	425.00

Prof. Pattengill

Dept. of Eng. Lit. & Mod. Lang.

Prof. Anderson

Johnson Resigns

Prof. Henry

Expt. Station

Employees

(See also p. 571)

State Board of Agriculture.

MEMBERS OF BOARD.

Hon. Franklin Wells, . . . Constantine.
 Hon. Wm. B. McCreery, . . . Flint.
 Hon. Chas. W. Garfield, . . . Grand Rapids.
 Hon. Oscar Palmer, . . . Grayling.
 Hon. A. C. Glidden, . . . Paw Paw.
 Hon. I. H. Butterfield, . . . Lapeer.
 The Governor of the State, } Ex-Officio.
 The President of the College, }

OFFICE OF THE SECRETARY.

Agricultural College P. O.

Henry G. Reynolds, Agricultural College,
Secretary.B. F. Davis, - Lansing.
Treasurer.

Ingham Co., Mich. August 7th, 1889.

For the Zoological Dept.	-----	\$250.00
" " Garden	-----	900.00
" " Veterinary	-----	100.00
" " Library	-----	1000.00
" Building	-----	750.00
" South Haven	-----	100.00
		<u>\$7025.00</u>
Total	-----	\$14995.00

Your Committee further recommend that Mr. A. B. Cordley be paid from the College Current Account at the rate of \$500.00 per annum.

On motion the report was accepted and adopted.

It was resolved that one half acre of growing corn, on the east side of the field south of the corn barn and east of the Boiler house be devoted to experiments in ensilage under the care of Dr. R. C. Keadie.

It was resolved that the President of the College be authorized on behalf of the State Board of Agriculture to execute a bond to the United States for ordnance and ordnance stores and that the Secretary of the Board authenticate a copy of this resolution with the corporate of the Board and attach such authenticated copy to the bond when it shall have been executed.

It was resolved that a respectfull message be sent from this Board to the President of the State Agricultural Society asking if he could grant tickets of admission for the State Fair to the State Weather Service Observers, under like regulations to those those under which the Crop Correspondents are admitted.

It was resolved that Mr. A. C. Glidden be elected a delegate to represent the Board at the meeting of the American Association for the Advancement of Agricultural Science.

The Board then adjourned to meet at the Capitol on August 19th, Monday, at 7-30 p.m.

Lansing, Mich. Monday, August 19th, 1889

The Board met pursuant to adjournment in their office at the Capitol at 7-30 p.m. All of the members were present.

The minutes of the meetings of August 6th and 7th were read and approved.

It was resolved to proceed to a formal ballot for Librarian. The votes cast were:-for Miss SinClair, 5; for Mrs. Tracy, 2; for Miss Harrison, 1. Miss Jane SinClair was declared elected.

It was resolved that a committee be appointed to look up the matter of the consideration due from the Detroit Lansing and Northern R.R. for right of way across the College farm. Col. McCreery was appointed as such committee.

It was resolved that one half of the \$50.00 voted at the last meeting for the purchase of plants by Mr. Knapper be used by him toward his expenses in attending the Florist's Convention at Buffalo.

The three resolutions following were offered by Mr. Garfield, but were not adopted, being after some discussion, laid on the table. ---Resolved, that with the opening of the next College year the Green House department be made a section of the department of Horticulture and Landscape Gardening. Resolved, that Mr. Knapper shall remain in immediate charge of the section and his title shall be "Foreman of Conservatory and grounds". Resolved, that the Prof. of Horticulture, under whose general management the section shall be placed, be hereby requested to utilize the plant of conservatory and forcing houses as far as practicable, for the propagation of plants and shrubbery for the embellishment of the College grounds; for the work of the Horticultural section of the Experiment Station; and especially for the instruction of students in Horticulture and Landscape Gardening.

It was resolved that Mr. Garfield be a special committee on the question of making an exhibit at the Detroit Exposition.

It was resolved that all of the departments of the Col-

A. B. Cordley

Ensilage

Ordnance Bond

Fair tickets for
Weather Observers

A. C. Glidden

Miss SinClair
Librarian

D. L. N. R. R.

Mr. Knapper

Green House
ResolutionsDetroit
Exposition

State Board of Agriculture.

MEMBERS OF BOARD.

Hon. Franklin Wells, Constantine.
Hon. Wm. B. McCreery, Flint.
Hon. Chas. W. Garfield, Grand Rapids.
Hon. Oscar Palmer, Grayling.
Hon. A. C. Glidden, Paw Paw.
Hon. I. H. Butterfield, Lapeer.
The Governor of the State, } Ex-Officio.
The President of the College, }

OFFICE OF THE SECRETARY. LANSING and

Agricultural College P. O.

Henry G. Reynolds, Agricultural College,
Secretary.

B. F. Davis, Treasurer. Lansing.

Ingham Co., Mich. Aug. 19 & 20. 1889

lege be requested to make as large an exhibit at the State Fair as possible.

It was resolved that Dr. Palmer be requested to go to Toronto as delegate of the Board to the meeting of the Association for the promotion of Scientific Agriculture.

It was resolved that Dr. Beal be authorized to purchase Fungi, not exceeding \$15.00 in price, to be charged to the Botanical Special Appropriation.

It was resolved that the degree of Master of Science be conferred upon Prof. C. E. Smith of Schoolcraft for proficiency in English.

It was resolved that the degree of Master of Science be conferred upon Mr. Chas. S. Crandall for excellence in the theory and practice of Horticulture.

It was resolved that the degree of Master of Science be conferred upon Mr. Hiram T. French for proficiency in the theory and practice of Agriculture.

It was resolved that the degree of Bachelor of Science be conferred upon the following named 43 members of the class of 1889 in consideration of their having completed the prescribed course of study and in accordance with the recommendation of the Faculty of the College, viz. Of the Agricultural Course,

David Anderson Jr.,	Arthur D. Baker,	Ray S. Baker,
Birtley K. Canfield,	George L. Chase,	Lemuel Churchill,
Frederic N. Clark,	Louis A. Clinton,	Will Curtis
Gager C. Davis,	William E. Davis,	John W. Earle,
David A. Garfield,	Ellsworth A. Holden,	Perry G. Holden,
Oliver C. Hollister,	William Lightbody,	Ernest G. Lodeman,
Alfred L. Marhoff,	Harry A. Martin,	Thomas F. McGrath,
Alexander Moore,	Frank J. Niswander,	John W. O'Bannon,
Frank M. Paine,	Walter S. Palmer,	Lindsay W. Rice,
Waldo E. Rohnert,	William L. Rossman,	Frank M. Seibert,
Mary M. Smith,	Hobart A. Stewart,	Charles H. Todd,
James W. Toumey,	Howard E. Weed,	Arthur G. Wilson,
Robert H. Wilson; and of the Mechanical Course,		
Rolland J. Cleland,	George L. Flower,	George J. Jenks,
Edward N. Pagelson,	Orlando J. Root,	William H. VanDevort.

The Board adjourned to meet at the College at 8-30 a.m.

Agricultural College, Mich.

August 20th 1889, 8-30 a.m.

The Board reconvened as per adjournment, with all of the members present.

It was resolved that the following account of Prof. Johnson's be allowed and the Secretary instructed to pay the same, viz.

One book case fitted in alcove,-----	\$25.00
23 window screens at 50 cents each,-----	11.50
4 screen doors and fixtures at \$1.25 each,-----	5.00
1 water hydrant,-----	4.50
	\$46.00

It was resolved that the Board accompany Prof. Johnson on a tour of inspection over the farm premises after the installation ceremonies.

It was resolved that Gov. Luce be requested to preside at the inauguration of President Clute.

After signing the diplomas of the graduating class, the Board took a recess to attend the Commencement and Inaugural exercises and reconvened at 5.30 p.m. with all the members present except Mr. Garfield who had been called home by telegram.

It was resolved that a public auction sale of forty head of cattle be held in October under the direction of Mr. Butterfield.

It was resolved that the selection of cattle for the above sale be made by Mr. Butterfield.

It was resolved to proceed to the election of the Assistant Professor of English Literature and Modern Languages.

State Fair

Dr. Palmer

Fungi

M. S.

B. S.

Johnson A/c

*Cattle Sale
(see p. 571)*

State Board of Agriculture.

MEMBERS OF BOARD.

Hon. Franklin Wells, . . . Constantine.
 Hon. Wm. B. McCreery, . . . Flint.
 Hon. Chas. W. Garfield, . . . Grand Rapids.
 Hon. Oscar Palmer, . . . Grayling.
 Hon. A. C. Glidden, . . . Paw Paw.
 Hon. L. H. Butterfield, . . . Lapeer.
 The Governor of the State, } Ex-Officio.
 The President of the College, }

OFFICE OF THE SECRETARY.

Agricultural College P. O.

Henry G. Reynolds, Agricultural College,
 Secretary.

B. F. Davis, Treasurer. Lansing.

Ingham Co., Mich. August 20th, 1889.

The first ballot, which was informal, resulted in 4 votes for Mr. A. Arnold Clark and 3 votes for Mr. A. B. Noble. The second ballot, which was a formal one, gave 5 votes for Mr. Clark and 2 votes for Mr. Noble and Mr. Clark was declared duly elected.

It was unanimously resolved that Mr. Eugene Davenport be elected Professor of Agriculture for one year, beginning August 26th at a salary of 1800.00 per year and the use of the house heretofore occupied by Prof. Johnson.

It was resolved that the Building Committee, with the addition of the Prof. of Agriculture, be instructed to adopt a plan and to proceed with the erection of an Agricultural Laboratory within the appropriation at once.

The Board adjourned to meet at the Capitol on Tuesday Sept. 10th at 7.30 p.m.

Henry G. Reynolds Secy

Lansing, Mich. Tuesday, Sept. 10th, 1889

The Board met, pursuant to adjournment, in their office at the Capitol at 7.30 p.m. with all the members present except Mr. Butterfield, who was detained in attendance on the Executive Committee of the State Agricultural Society.

The minutes of the meetings of Aug. 19th & 20th were read and approved.

It was resolved that of the Experiment Station funds as appropriated by vote of Aug. 6th, the following deductions be made, -

From the amount devoted to the Farm Department,	\$500.00	
" " " " " Garden	100.00	
" " " " " Library,	300.00	\$900.00

and that the amount thus saved be devoted to the payment of salaries as follows, - To the Director, Oscar Clute, ----- \$300.00

To the Secretary & Treasurer, H. G. Reynolds, ---- \$300.00

" " Zoological Department, F. J. Niswander, --- \$300.00 \$900.00

It was resolved that Mr. J. N. Estabrook the Assistant Secretary, be requested to teach the class in Book keeping this term.

It was resolved that the Committee on Farm Management make a full inventory of the property of the Farm Department as it is delivered to the care of Prof. Davenport.

Mr. A. A. Clark having declined to accept the Assistant Professorship of English Literature and Modern Languages, it was resolved that Mr. A. B. Noble be appointed to that position from Sept. 1st at the rate of \$1200.00 per annum.

It was resolved on recommendation of Prof. Davenport, that Mr. E. A. Burnett be elected Farm Assistant to succeed Mr. H. T. French at a salary of \$600.00 per annum, one half of which shall be paid from the College current account and one half from the Experiment Station funds; also that Mr. Perry G. Holden be elected Assistant in Experiments to succeed Miss Alice Johnson, at a salary of \$300.00 per annum, all to be paid from the Experiment Station funds.

A communication from Mr. & Mrs. Pryer relative to loss of a year ago last spring in Williams Hall, was laid on the table.

It was resolved that the public sale arranged for at the last meeting be abandoned and that Mr. Butterfield and Prof. Davenport be requested to dispose of such animals as in their judgment should be sold, as fast as opportunity offers.

It was resolved that Prof. Davenport be authorized to purchase for the Farm Dept. a Poland China boar, a Shropshire buck and a Merino buck.

It was resolved that the application to have two cisterns for Howard Terrace be referred to the Building Committee with power to act.

It was resolved that Prof. Durand be authorized to expend from the Special Mechanical fund \$200.00 for shop tools, including a power planer.

It was resolved that Professors Davenport and Taft be authorized to distribute, in their discretion, among the students of the College, samples of the best products of the Farm and Garden for seed.

It was resolved that the Secretary be authorized to have

A. A. Clark

E. Davenport
Prof. of Agriculture

Ag. Lab.

Expt. Stn. funds

Bookkeeping

Farm Inventory

A. B. Noble

E. A. Burnett

P. G. Holden

Fire loss

Cattle Sale

Stock purchase

Cisterns

Shop Tools

Seed Distribution

Mail List

State Board of Agriculture.

MEMBERS OF BOARD.

Hon. Franklin Wells, . . . Constantine.
 Hon. Wm. B. McCreery, . . . Flint.
 Hon. Chas. W. Garfield, . . . Grand Rapids.
 Hon. Oscar Palmer, . . . Grayling.
 Hon. A. C. Glidden, . . . Paw Paw.
 Hon. L. H. Butterfield, . . . Lapeer.
 The Governor of the State, } Ex-Officio.
 The President of the College, }

OFFICE OF THE SECRETARY.

Henry G. Reynolds, Agricultural College,
 Secretary.

B. F. Davis, . . . Lansing.
 Treasurer.

Agricultural College P. O.
 LANSING,
Ingham Co., (Mich. Sept. 10th, 1889.

the Experiment Station mailing list set up in forms ready for the printer and to purchase the necessary type &c. for the same.

and a formal acceptance by Prof. Davenport of the chair of Agriculture and his resignation of the position heretofore held by him received and placed on file with the Secretary.

The Board then adjourned to Monday October 7th at half past seven o'clock at the Capitol.

Henry G. Reynolds Secy.

Lansing, Mich., Monday, October 7th, 1889.

Board met pursuant to adjournment. Absent were Gov. Luce and Mr Palmer. The minutes of the previous meeting were read and approved.

It was resolved that Mr Butterfield and Prof Davenport be authorized to purchase six Shropshire ewes, as good as may be had, and two Poland-China sows.

It was resolved that the Experiment Station employees are expected to devote their whole time for the whole year to the service of the Station, except as they may be granted leave of absence by the Station Council.

It was resolved that Prof Cook be authorized to put such heating arrangements into the house occupied by him as he desires, at his own expense.

It was resolved that the college officers arranging for the institutes be requested to plan for an exhibit of college stereopticon views at each institute.

It was resolved that Mr Garfield be a committee to arrange with Dr Beal in reference to the engagement of an assistant in the department of Botany.

It was resolved that the Board ask of the D. L. & N. R. R. the sum of \$800. for the right of way across the college farm, that being the amount that was paid for the same right of way by the C. & G. T. R. R.

It was resolved that the ~~Board~~ Secretary be instructed to ask Mr Stahl to correct the charge on bill of May 18th for 4 brushes at \$2.35 each less deduction of \$25. authorized by Mr Turner.

It was resolved that the bill of Prof Johnson be approved for \$16.80, and that the bill of James Turner for \$47. be paid.

It was resolved that Sergt Conger be given leave of absence for three days to attend the Sanitary Convention at Pontiac.

Adjourned to 3.30 p.m.

Agricultural College, Mich. October 8
 9 a.m.

The Board reconvened with the same members present, except Col. McCreery who had gone to Grand Rapids.

It was resolved that Mr C. F. Wheeler of Hubbardstown be elected assistant to Prof. Beal in the department of Botany of the Experiment Station, under the arrangement that the salary for the position shall for the remainder of this college year be \$400.. Mr Wheeler's attendance upon his duties not to be required until March 1st, 1890.

Mr Glidden reported having taken the inventory of everything on the farm except stock, and having found large lots of worn out and worthless tools, large and small, and recommended an auction sale of many old cultivators, &c.

It was resolved that Profs. Davenport and Taft be authorized to dispose to the best advantage of all the old tools, lumber, and other useless truck that lingers up the premises on their departments.

It was resolved that the Secretary be authorized to employ a janitor to do janitor work about the college premises now done by students, - to begin as soon as may be.

Mr Butterfield reported that in inventorying the farm live-stock, he had lowered the previous figures on the whole, about one-third.

*Shropshires
 Poland China*

*Terms of
 service on
 Expt Station*

*Heater in
 Prof Cook's home*

Stereopticon

D. L. & N. R. R.

Stahl bill

Johnson "

Turner "

Conger

C. F. Wheeler

Expt St. Asst.

Farm Inven-

tory

Old tools

Janitor

Farm In-

ventory

573 Clean
Basement to

Jungi

Bot. Photos

It was resolved that the President of the college be authorized to secure a general cleaning of the basements and surroundings of the buildings, and have the worthless material and material of little value disposed of permanently.

It was resolved that Dr Beal be authorized to procure for the Botanical Laboratory, Underwood & Cook's Illustrative Fungi costing \$6.

It was resolved that Dr Beal be authorized to purchase for the Botanical Laboratory, cabinet sized photographs of eminent American and foreign botanists.

It was resolved that the Experiment Station Council be requested to come before the Board at its December meeting, to discuss plans of experimentation, and that Prof Davenport be especially requested to elaborate his own views on the subject for presentation on that occasion.

It was resolved that the Board adjourn to Tuesday, Nov. 5th, at 7.30 p.m., at the capitol.

Henry G. Reynolds, Secy.

Michigan Agricultural College,

STATE BOARD OF AGRICULTURE.

Hon. Franklin Wells, - - - Constantine.
Hon. Wm. B. McCreery, - - - Flint.
Hon. Chas. W. Garfield, - - - Grand Rapids.
Hon. Oscar Palmer, - - - Grayling.
Hon. A. C. Glidden, - - - Paw Paw.
Hon. L. H. Butterfield, - - - Lapeer.
The Governor of the State, { Ex-Officio.
The President of the College, }

Henry G. Reynolds, Agricultural College,
Secretary.
B. F. Davis, - - - Lansing.
Treasurer.

EXPERIMENT STATION.

OFFICERS OF THE STATION.

O. Clute, M. S., - - - Director.
R. C. Kedzie, M. A., M. D., - - - Chemist.
A. J. Cook, M. S., - - - Zoologist.
W. J. Beal, M. A., M. S., Ph.D., - - - Botanist.
E. A. A. Grange, V. S., - - - Veterinarian.
L. R. Taft, M. S., - - - Horticulturist.
Eugene Davenport, M. S., - - - Agriculturist.
Henry G. Reynolds, M. S., - - - Secretary and Treasurer.

Agricultural College, Michigan.

Hudson House, Lansing, Mich., Nov. 5th, 1889.

The Board met pursuant to adjournment, but at the Hudson House Room 80, as the Board room at the capitol was undergoing some repairs. Absent were Dr Palmer and Gov. Luce.

The minutes of the meetings of Oct 7th and 8th were read and approved.

It was resolved that when the Board adjourn, it be to meet in their office at the capitol on Monday, Dec. 9th, at 7.30 p.m.

It was resolved that Pres't Clute, Profs Davenport and Cook be delegates to represent the College at the Washington meeting of Agricultural Colleges and Experiment Stations on the 12th to 15th.

It was resolved that Mr W.H. VanDevort be employed as foreman of the Iron Shops, at a salary of \$500. per annum, to date from the first day of November.

It was resolved that the present Agricultural class-room when vacated on the completion of the Agricultural Laboratory, be assigned to Prof. Carpenter.

It was resolved that the use of the rooms of Club F. be given to those assistants and students who wish to club there during the winter.

It was resolved that the President and Secretary be authorized to expend \$36. per annum in advertising the college.

It was resolved that Mr Holdsworth be made Assistant Professor of Drawing at a salary of \$900. to date from January 1st.

It was resolved that Mr Conger be authorized to purchase for the Weather Service a Draper's Self-recording thermometer.

It was resolved that the Board ask the Executive Committee of the State Agricultural Society at their winter meeting to have erected on the Fair Grounds, a suitable building for the college exhibit, so arranged that the entire college exhibit, other than live-stock can be shown together.

Adjourned to 9 a.m. at the college.

Agricultural College, Nov. 6th, 1889, - 9 a.m.

The Board met pursuant to adjournment. Same members present, except Mr. Garfield. It was resolved that Prof. Davenport be granted leave of absence to attend the Fat Stock show and some other conventions.

The question of the employment of Mr Stewart for \$10. and board to care for the experimental heifers was referred to the farm committee.

The matter of painting the Chemical Laboratory, and Profs. Carpenter and Cook's houses was referred to the Secretary with power to act.

Convention
Delegates

VanDevort

Eng. Class Room

Winter Club

Speculum Ad.

Holdsworth

Draper Thermometer

College Fair Bldg.

Fat Stock Show

Mr Stewart

Painting

Pub. Parlor

It was resolved that the Secretary be instructed to have the public parlor and bed-room fitted up.

D M Ferry

It was resolved that the thanks of the Board be tendered to D.M.Ferry of Detroit for his liberal gift of 19 packages of seeds for the Botanical Museum.

Vaughan

Also to J.C.Vaughan of Chicago for gift of 54 packages of seeds for the Botanical Museum.

JM Thorburn

Also to J.M.Thorburn of New York for gift of 100 packages of seeds for Botanical Museum.

Mosses

It was resolved that Dr Beal be authorized to add to the Herbarium an authentic collection of 400 mosses at a cost of \$32.

Fertilizer Suit

It was resolved that the Attorney-General be requested to institute suit against James Boland of Jackson for making and selling a fertilizer without a license.

Fat Stock Show

It was resolved that the President appoint a delegation of three of which he shall be chairman to attend the conventions in connection with the Fat Stock Show in Chicago during this month.

Institutes

Col.McCreery and Mr Butterfield were appointed on said committee.

The report of the committee on Institutes was adopted as follows:- In charge of Mr Garfield- LOWELL, Feb.3-4; HERRINGTON, Feb. 4-5; WHITEHALL, Feb.5-6; SHELBY, Feb.6-7; In charge of Mr Glidden, - MT PLEASANT, Feb.10-11; EVART, Feb.11-12; CADILLAC, Feb.13-14. In charge of Prof.Cook, - PONTIAC, Feb.17-18; IMLAY CITY, Feb.18-19; CASS CITY, Feb.19-20; BAD AXE, Feb.20-21.

CB Waldron

The resignation of Mr C.B.Waldron was accepted.

Ordinance Bond

It was resolved to rescind action of August 7th empowering Prest Clute to execute bond for ordance, and it was resolved to authorize Prest.Wells to execute such bond.

Edgerly

It was resolved that Prof.Carpenter be instructed to employ a student at \$1.00 per day for a month, and Mr Edgerly at \$36.per month for the winter, to work on the heating of the Agricultural Laboratory.

The Board then took a recess to 1 p.m.to meet at the Agr'l Laboratory.

College, 2.30 p.m.

Stewart

It was resolved that Prof.Davenport be authorized to hire H.A.Stewart temporarily at \$10.per month and board.

Swords & flags

It was resolved that the purchase of six swords, one post flag, and two storm flags be authorized.

Advance to P.D. Cleveland

It was resolved that the Secretary be authorized to advance, if convenient, not to exceed \$2000.00, on account, to the contractor between now and January 1st; provided that such advance shall not be construed as an acceptance of the building.

Institutes

It was resolved that Prest.Clute be requested to designate the officers of the college to attend each institute.

Student's Tool Room

It was resolved that Prof.Davenport be authorized to have the south end of the upper part of the Tool House fitted up as a student's tool-room.

Eng? Class Room

It was resolved that Prof.Carpenter be authorized, with the advice of the President, to have a partition put in the old Agr'l class room.

Stove

It was resolved that the Director of the Experiment Station be authorized to provide a stove for his office.

Pumps

It was resolved that Prof.Carpenter be authorized to have wooden pumps placed on the cisterns of Howard Terrace.

The Board then adjourned to their office in the capitol at 7.30 pm of December 9th
Henry G Reynolds Secy

Michigan Agricultural College,

STATE BOARD OF AGRICULTURE.

Hon. Franklin Wells, - - - Constantine.
 Hon. Wm. B. McCreery, - - - Flint.
 Hon. Chas. W. Garfield, - - - Grand Rapids.
 Hon. Oscar Palmer, - - - Grayling.
 Hon. A. C. Glidden, - - - Paw Paw.
 Hon. L. H. Butterfield, - - - Lapeer.
 The Governor of the State, } Ex-Officio.
 The President of the College, }

Henry G. Reynolds, Agricultural College,
 Secretary.
 B. F. Davis, - - - Lansing.
 Treasurer.

EXPERIMENT STATION.

OFFICERS OF THE STATION.

O. Clute, M. S., - - - Director.
 R. C. Kedzie, M. A., M. D., - - - Chemist.
 A. J. Cook, M. S., - - - Zoologist.
 W. J. Beal, M. A., M. S., Ph.D., - - - Botanist.
 E. A. A. Grange, V. S., - - - Veterinarian.
 L. R. Taft, M. S., - - - Horticulturist.
 Eugene Davenport, M. S., - - - Agriculturist.
 Henry G. Reynolds, M. S., - - - Secretary and Treasurer.

LANSING, ~~Agricultural College~~ Michigan.

DECEMBER 9th, 1889.

The Board met, pursuant to adjournment, in their office at the Capitol, at 7-30 p.m. All of the members were present. The minutes of the meetings of Nov. 5th & 6th were read and approved.

It was resolved that in consideration of the absence of Dr. Kedzie and of Profs. Cook and Davenport, the Experiment Station matters be deferred to the next meeting.

It was resolved that the expenditure of \$466.00 be authorized for list of zoological specimens asked for by Prof. Cook omitting the Buffalo from the list.

It was resolved that the Directors of the State Forestry Commission be authorized to purchase 100 lantern slides for \$50.00 to illustrate the subject of Forestry.

It was resolved that the purchase of a new Short Horn bull be referred to Mr. Butterfield & Prof. Davenport, with power to act.

It was resolved that Dr. Beal be authorized to purchase for \$250.00 the Wheeler Herbarium of 7000 species.

It was resolved that Mr. J. W. Toumey be engaged to assist Dr. Beal from the opening of the Spring term at a salary at the rate of \$500.00 per annum.

It was resolved that the Secretary have prepared an oil room in the old forcing house building and remove the oil and alcohol to that place at once & that the key of the same be put in care of Mr. Burnett.

It was resolved that Col. McCreery be authorized by the Board to put its claim against the D. L. & N. R. R. in the hands of the Attorney General.

It was resolved that Mr. Knapper be paid \$4.60 for his R. R. fare to the crysanthemum exhibition at Detroit.

It was resolved that \$192.65 be paid for the hot water heating plant in the Board room & Secretary's office.

It was resolved that the Secretary be instructed to prepare & have published a complete index of the Michigan Agricultural reports from 1849 to & including 1888.

It was resolved that the Secretary order a reprint of 750 copies of the Experiment Station report for the year ending June 30th 1889.

It was resolved that the unexpended balance of the special appropriation for the Garden barn be used for an addition to that building.

The application of Mr. Campbell for quarters for his horse was referred to the Building Committee.

It was resolved that so much of the Culvert special appropriation as is needed be expended upon it.

It was resolved that the Board do now adjourn to the first Monday of January 1890 at 7.30 p.m. in their office at the Capitol.

Henry G. Reynolds Secy.

Museum Specimens

Forestry Slides

Bull

Herbarium

J. W. Toumey

Oil House

D. L. & N. R. R.

Flower Show

Heat Secty's Office

Index

Reprints

Barn

Stabling

Culvert