

Lansing, Dec. 9, 1 P.M.

The Board reconvened without Gov. Luce.

The Board unanimously adopted a list of estimates aggregating \$52620.00 to present to the Legislature for 1891-2.

It was resolved that the purchase of the Thurber grasses not to exceed \$300 be authorized.

It was resolved that Prof. Cock, Entomologist of the Experiment Station, be permitted to engage to do certain work for the Experiment Station of the Department of Agriculture at Washington, for the sum of \$600 per year, such sum to be turned in by him to the College treasury, such engagement to be on the condition that the Department at Washington provide a skilled assistant for the Apiary at a salary of not less than \$1000 per year, and also a reasonable sum to pay other expenses.

The Board then adjourned sine die.

Lansing, Dec. 26, 1890, 7:30 P.M.

The Board met pursuant to call. Absent: Mr. Garfield. The minutes of the previous meeting were read and approved.

A letter from Hon. Geo. B. Horton, relative to the Dairymen's Annual meeting, was read. It was resolved that the committee on Institutes be authorized to arrange for the participation in the Dairymen's Association of Gov. Hoard of Wisconsin and Col. Curtis of New York.

It was resolved that the expenses of one or two men to the Grand Ledge institute be paid from the Institute fund.

It was resolved that the Prest. be authorized to send two men to the institute at Centreville.

It was resolved that Prof. Taft be granted leave of absence for three weeks after Jan. 1st.

It was resolved that Prof. Taft be allowed to put a tank on the old garden wagon and sprinkle the drives on the grounds.

It was resolved that that removal of the tank in the President's house be authorized.

It was resolved to proceed to elect a successor to Mr. Spencer. The first ballot was 5 votes for Mr. Butterfield.

The Board adjourned to 7:30 P.M. Thursday, Jan. 22 at the Capitol.

Lansing Jan. 22, 1891.

The Board met pursuant to adjournment. Present: Messrs. Garfield, Palmer, Butterfield, Chamberlain, Phelps, Clute, and the Secretary.

It was resolved that Pres't. Clute be president pro tem of the Board until further arrangement be made.

The minutes of the meeting of Dec. 26 were read and approved.

It was resolved that in case Col. Curtis can not be secured for the meeting of the Dairymen's Association, the engagement of Mr. Gilbert in his place be authorized.

It was resolved that the salary of Paul Theodore be \$10 per week while employed.

It was resolved that Dr. Durand be authorized to employ Mr. Theodore for two weeks in advance of the opening of the Spring term.

It was resolved that \$54.44 be paid for the repair of the cellar of Dr. Durand's house.

It was resolved that Prof. Cock be authorized to expend \$61.00 for beetles.

It was resolved that Dr. Beal be authorized to expend \$100 for camera lucidas and other microscope appliances.

It was resolved that the Pres't. be authorized to put additional radiators in the north and north-west rooms in the 2nd story of the Agricultural Laboratory.

It was resolved that the Director be authorized to purchase such phosphates and seeds as are needed for the Grayling sub-station.

It was resolved that a committee on legislation be two members be appointed. Mr. Chamberlain and Mr. Butterfield were appointed.

It was resolved that the Board adjourn to 9 A.M. in the Capitol.

*Appropriation estimates  
Thurber grasses  
Cook & U. S. Ex.  
etc work.*

*Dairymen's Assoc.  
Institutes.*

*Grand Ledge  
Institute  
Centreville Inst.*

*Taft, leave of ab.*

*Sprinkler*

*Pres. House tank.*

*Spencer's Successor.*

*Pres. of Board.*

*Curtis & Gilbert*

*Paul Theodore*

*Dr. Durand*

*Repairs Dr. D's house.*

*Beetles*

*Microscopes & cameras*

*Radiators for Ag. Lab.*

*Phosphates for Grayling*

*Com. on legislation*

Lansing, Jan. 23, 1891.

The Board met pursuant to adjournment. Present: all but Gov. Winans and Mr. Glidden.

It was resolved that so much of the amount authorized to be expended for the Thurber herbarium as Dr. Beal deems wise, may be used by him in the purchase of the Clark collection, to an amount not exceeding \$100.

It was resolved that the committee on legislation and the President of the College be a committee to represent the College interests at the World's Fair.

It was resolved that the recommendation by the President of Dr. Arthur G. Blachstein, as Bacteriologist of the Experiment Station be adopted and that he be elected to that position at a salary of the rate of \$1800 per annum, and rooms as soon as they can be fitted up.

It was resolved that the Bacteriological Laboratory rooms and the equipment procured for Bacteriological investigation in the third story of the Veterinary Laboratory be assigned to the use of the Bacteriologist.

Dr. Palmer announced his resignation, having tendered it to the Governor, as a member of the Board, and that it had been accepted.

It was resolved to proceed to a ballot to fill the vacancy caused by the resignation of Dr. Palmer.

The vote stood, Mr. Wells 4, and Mr. Steele 1, and Mr. Wells was declared elected.

Mr. Butterfield presented the request of the Agricultural Society that the office of the Board should be placed at the disposal of their Secretary. The motion was lost.

Mr. Wells was elected President of the Board by 4 votes; Mr. Chamberlain receiving 1 vote. Mr. Reynolds was elected Secretary by 5 votes, and Mr. Davis Treasurer by 5 votes.

It was resolved that the Secretary and the Treasurer be required to file bonds to the amount of \$20000, each, and said bonds to be approved by the President of the Board.

It was resolved that the general direction of the sub-station at Grayling be placed in the hands of the Director of the Station and that the local care of it be placed in the hands of Dr. Palmer at a salary of \$300. per year.

It was resolved that Mr. Butterfield be made Auditor of the Forestry Commission.

It was resolved that the President of the Board be requested to appoint the standing committees of the Board for the two years next ensuing, with himself as ex officio a member of each of them.

It was resolved to adjourn to Monday March 2nd at 7.30 P.M. at the Capitol.

Lansing, March 9th, 1891, 7:30 P.M.

The Board met pursuant to adjournment. Absent: Gov. Winans and Mr. Butterfield. The minutes of the meetings of Jan. 22 and 23 were read and approved.

The President of the Board announced the standing committees of the Board as follows:

Finance; Garfield and Glidden.  
 Farm; Butterfield and Phelps.  
 Botany and Hort; Garfield and Phelps.  
 Buildings and College property; Glidden and Butterfield.  
 Employees; Chamberlain, Glidden and Clute.  
 Institutes; Glidden and Garfield.  
 Mechanics; Chamberlain and Garfield.  
 Veterinary; Phelps and Butterfield.  
 Land Grant; Phelps and Chamberlain.  
 Military; Garfield and Butterfield.  
 Weather Service; Glidden and Garfield.  
 Experiment Station; Butterfield and Chamberlain.

President Clute reported the declination by Dr. Blachstein of the position tendered him.

It was resolved that \$300. or so much thereof as may be necessary be expended by Prof. Davenport in completing his sets of hard flock and stud books.



It was resolved that Mr. Garfield be a special committee to induce some member of the Legislature to amend the College bill by an amount sufficient for the insurance of the Library building.

It was resolved that Prof. Davenport be authorized to procure two sets of double harness. This was reconsidered March 10.

It was resolved that the purchase of a table for the Library be authorized.

It was resolved that Prof. Davenport be authorized to purchase 10 tables for class-room use.

~~It was resolved that the \$333.33 change in dates for the closing exercises of the College year this year recommended by the Faculty be adopted.~~

It was resolved that a committee consisting of Prest. Clute, Secy. Reynolds, Dr. Beal, and Prof. Taft from the College Faculty and the chairman of the Building committee, Mr. Glidden, and the chairman of the Hort. committee, Mr. Garfield, be and are hereby requested to consider the matter of locating the new Botanical Laboratory with reference to the idea that at some future day a General Museum and Library fire-proof building will be erected, and made to subserve the interests of the various departments of the College in the most convenient and profitable manner. Said committee to report back to the Board its recommendations and reasons therefor at our May meeting.

It was resolved that the College committees of the Senate and House be invited to meet the Board in this office at 7 P.M. tomorrow.

The Board adjourned to 10 A.M. at the College.

#### Agricultural College March 10, 1891, 11 A.M.

The Board met after spending the early morning in committee work about the various departments. Absent: Gov. Winans.

It was resolved that the Supt. of the Farm be requested to grow a quarter of an acre each of 4 varieties of sugar beets for the beet sugar experiment.

It was resolved that Dr. Kedzie be authorized to distribute beet seed in accordance with the general plan outlined by him.

It was resolved that Dr. Kedzie be requested to return the Babcock milk tester to the firm from whom it was received.

It was resolved that \$75.00 be appropriated for the purchase of Farm tools, and that the Farm department be authorized to purchase a harrow.

It was resolved to reconsider the motion to procure two sets of double harness for the Farm department which was passed March 9 1891. The motion was then put and lost.

It was resolved that Dr. Beal be authorized to purchase 500 genus covers for the herbarium, to cost in the neighborhood of \$10.00.

It was resolved that two parts of "Parasitic Fungi" each costing \$3.50, be purchased by Dr. Beal, leaving the consideration of further purchases for the future.

The matter of the purchase of a work on "Diatoms" was referred to the Faculty upon the passage of the Legislative appropriation for the Library.

Recess to 1:30 P.M.

The Board reconvened with the same members present.

It was resolved that \$30 for insect cases be expended.

It was resolved that Prof. Taft be authorized to employ a competent man to take charge of work upon the grounds, at a salary of \$30.00 per month.

It was resolved that the matter of the fence on the East side of the orchards be left to the committees on Horticulture and Farm management, with power to act.

It was resolved that \$100.00 be and hereby is appropriated for the purchase of trees and shrubs for the grounds.

It was resolved that \$35.00 be added to the amount already appropriated for a roller, and that Prof. Taft be authorized to purchase a 1500 pound roller.

It was resolved that Prof. Taft's request concerning an appropriation for books be laid on the table pending legislative action on the College bill.

It was resolved that \$100 be appropriated from current funds for the purchase of wax models of fruits to be used in the Horticultural Department in connection with instruction, the types to be selected by Prof. Taft as he may find suitable ones.

Liby. Ins.

Harness.

Liby. table.

Tables for Class room.

Location of Bot. Lab. + fire-proof bldg.

Leg. Commis.

Boston Farm

Dist. of beet seed.

Milk tester.

Farm tools + harrow.

Harness.

Genus Covers.

Parasitic Fungi.

"Diatoms"

Insect cases.

Grounds.

Orchard fence.

Trees + Shrubs.

Roller.

Books for Taft.

Wax models.

*Help for Hort.**Clinton, Salary**Tummy**Abbot Hall privy**Papers for Farm House*

The request of Prof. Taft to hire three extra men a portion of the time on account of the fewer number of students assigned to his department, was laid over.

It was resolved that the salary of Mr. Louis A. Clinton Assistant to the Director of the Experiment Station, shall be at the rate of \$500 per annum, to commence April 1, 1891.

It was resolved that the salary of Mr. James W. Toumey Assistant in Botany, shall be at the rate of \$500 per annum, commencing April 1, 1891.

The question of a woman's privy for Abbot Hall was referred to the Pres't and Sec'y with powers to act.

It was resolved to reconsider the vote ordering a daily paper for the Farm House.

It was resolved to substitute therefor the Michigan Farmer, Country Gentleman, Weekly Inter-Ocean, Semi-weekly Free Press Breeder's Gazette, Household, Grange Visitor, the last named being a donation.

*Long Institutes*

It was resolved that the committee on Institutes be requested to consider the advisability of holding at least one full week institute for next year, to be made a school of practical Agriculture with enrollment and regular hours for lectures, and other features of value, and report back to this Board at its convenience.

It was resolved that as the sense of this Board, that in arranging for the institutes next winter, the Committee on Institutes be authorized to employ a competent person to make all preliminary arrangements for the institutes, provided the dates and places shall be fixed by the Board.

It was resolved that the President of the College be added to the Committee on Farmers' Institutes.

The following articles were authorized to be purchased for the Mechanical Department:

1 Crosby test steam gage;	\$11.00
1 No. 2 test pump without gage;	20.00
1 gage testing apparatus;	30.00
1 Crosby improved indicator for steam engines;	57.50
2 Ashcroft " " " " " "	100.00
30 wood-working vises at \$5.83;	174.90
2 three way indicator cocks;	10.00
2 revolution integrators;	24.00
1 inspector's test pump with gage;	25.00
200 pounds iron for Blacksmith shop;	6.00
1500 " castings "Machine " "	45.00
Hard wood lumber from the Farm;	75.00
1 12in. buzz saw;	2.00
1 dozen oil cans;	3.20
Leather belt.	10.00
	<u>593.40</u>

*Withdrawal of Lands*

It was resolved as the sense of this Board that the College lands under the Merrill grant yet unsold, be taken out of the market for one year, and that the committee on college lands be requested to present to the Board at its earliest convenience a plan for reestimating the values of unsold lands, and scheduling them upon present values.

*D.L. & N. Right of way*

It was resolved that the committee on Finance be instructed to renew the demand on the D.L. & N.R.R. for payment of the right of way across the College farm, and to bring the same to settlement.

*Library*

It was resolved that the sum of \$300 be appropriated to be spent under the direction of Pres. Clute to supply in part certain deficiencies in the Library.

*Copies of files for**Cook, raise of Sal.**Kishpaugh, Hiscoc, Turner*

It was resolved that the Secretary be authorized to procure for his office a roller letter copier and an additional letter file cabinet and base.

The request of Prof. Cook that his salary be raised was unanimously lost.

It was resolved that Lieut. Simpson be authorized to employ Mr. Kishpaugh as fireman at \$30. per month; to pay Mr. Tracy Hiscoc for two weeks service at the opening of the term at the rate of \$1.35 per day; and to engage Mr. Turner for such extra time as may be necessary, at 12 1/2 cents per hour.

It was resolved that the Board adjourn to Tuesday, April 7.30 P.M., at the Capitol.

The Board then adjourned.



Lansing, April 7, 1891, 7:30 P.M.

The Board met as per adjournment. Absent: Gov. Winans and Mr. Phelps. The minutes of the meeting of March 9 & 10 were read and approved.

A delegation of gardeners from the vicinity of the College consisting of Messrs. Champion, Gardner, Truman, Ayres, and others presented a request that the Garden Department be confined to Experimental purposes and not allowed to sell for profit in competition with other growers, and especially to lower the market price by selling below the market price.

A communication from Prof. Davenport was referred to the Committee on Farm Management.

The resignation of Lieut. Simpson was presented, and it was resolved that it be accepted and that the Board tender to Lieut. Simpson their best wishes in his future work.

The invitation to send a delegate to the Congress of Commerce was laid on the table.

The Board took a recess till 10 A.M. at the College.

Agricultural College, April 8, 1891, 10 A.M.

The Board reconvened with the same members present.

The chairman of the Committee on Finance made a verbal statement as to the condition of the claim of the College for the right of way against the D.L. & N.R.R. and the matter was continued in charge of the committee. The report referred to Sec. 8708, Howell, as the chief obstacle in the way, but further stated that Mr. T.T. Lyon, as president of the Howell and Lansing R.R. was conversant with the whole case and knew that the road simply crossed the College by sufferance or absence of objection, and with no further title or agreement, and to this he could testify.

It was resolved that Dr. Beal be authorized to purchase the Berlin collection of seeds in small vials at a cost of about \$75.00, for the Experiment Station.

It was resolved that Dr. Beal be authorized to purchase a set of Pringle's Mexican plants, 284 species, for the herbarium, at an expense of \$23.00.

It was resolved that Dr. Beal be authorized to purchase 2000 species sheets for herbarium use.

It was suggested that the grounds of the College should be used so far as practicable as an arboretum under the direction of the Prof. of Horticulture. It was left unacted on in the hands of the Committee on Botany and Horticulture.

It was resolved that Prof. Taft be authorized to purchase the Vilmorin Andreaux collection of charts of vegetables for the class room, at an expense of \$40.00.

It was resolved that the room in the South wing of the basement, in the N.E. corner of the Chemical Laboratory be properly fitted for the storage of chemicals, and that the North wing of the Laboratory be assigned to the Physical Department except in so far as the Chemical Department needs to use the furnace and the photographic rooms.

It was resolved that the College pay not to exceed \$100. toward fitting up the rooms for the Hesperian Society.

It was resolved that the dwelling vacated by the Prof. of Mathematics and Engineering be retained for the occupancy of his successor.

Mr. Chamberlain, chairman of the standing committee on Land Grant, reported having met the Land Grant Board, who gave order for withdrawal for one year, were unwilling to reappraise, but would order the Trespass Agent to examine. Later they expressed willingness to reappraise. The Committee recommended that the land be taken out of the market for one year, and no reappraisal be asked for at present.

Mr. Phelps being absent and sick, at the request of Mr. Chamberlain Mr. Garfield was added to the committee till such time as Mr. Phelps shall be able to act. The report of the Committee was accepted and adopted.

Mr. Chamberlain, chairman of the special committee on the Columbian Exposition, reported meeting the Committee on ways and means of the Legislature and recommended a state appropriation of \$250,000; that definite estimates were needed; that an administration and hospital building would be needed; that the law provided for 6 men and 3 women commissioners in addition to the 3 men and 4 women.

Communication from Gardeners

Simpson's Resignation

Cong. of Commerce

D.L. & N. Right of way

Berlin Collection

Pringle Collection

Species sheets

Grounds as Arboretum

Vil. - And. Charts

Chem. Storage

Phys. Dept. Rooms

Hesperian Socy

St. Simpson's House

Reappraisal of Land

Mr. Garfield and Comm.

Columbian Exp. Appropriation

*Fire Apparatus**Apiary Store**Condenser, Shaper**Band Saw**Dalziel**Summer term**Harness**Draining No. 3**Howell's Statutes**Bee Pasture**Charges to Land**Grant Funds**D. H. K. of Way**Senate bill 171**Dr. Kedzie to Abs.**Delay of reappraisal**Orchard on Parmelee tract**Coates Herd Books**Senior Labor**Student Labor**in Ag. Course**Phys. App.*

It was resolved that the Prest. and Secy. be a special committee on fire apparatus to provide what is necessary.

It was resolved to purchase for \$15.00 a stove for the Experiment Station Apiary.

It was resolved that Prof. Durand be authorized to purchase out of the current expense fund an air pump and condenser for \$200. Also a shaper band saw and scroll saw for \$270. to be paid for from the current expense fund and to be reimbursed from the Special Appropriation if the bill passes.

It was resolved that Prof. Davenport be authorized to offer Mr. Dalziel \$40. per month and board as herdsman, in case of his return in the fall.

It was resolved that the date for the close of the next summer term be altered as recommended by the Faculty.

It was resolved that a heavy double harness be purchased for the Farm Department.

It was resolved that field No. 3 have a depression <sup>drained</sup> by a 25 to 40 rod 3 inch drain.

It was resolved that the Secretary of this Board be authorized to say to the Clerk of the State Board of Auditors, that in the opinion of this Board, the requirements of Sections 370 & 371 Howell's Statutes are completely met by previous sections in the same chapter which provide for the reviews and auditing of the accounts of Boards and Institutions by a state officer, and that compliance with these sections 370 & 371 will entail a great amount of work and expense without securing any advantages or safeguards and it is the opinion of this Board that if these sections can be repealed by the present Legislature no state interest will be left unguarded and a large expense will be avoided.

It was resolved that Prof. Cook be authorized to rent 7 acres of the Miles farm north of the College farm for two years for bee pasture.

It was resolved to adjourn to Tuesday May 5 at 7:30 P.M. at the Capitol.

Lansing, May 5 1891, 7:30 P.M.

The Board met pursuant to adjournment. All present but the Governor. The minutes of the meetings of April 7 & 8 were read and approved.

Various matters were referred to standing committees.

It was resolved that the Secretary be instructed to find out what changes have been made against the College Land Grant funds.

An informal report was made by the committee on the D. H. K. of Way & N. right of way, on the progress made.

It was resolved that Secretary Reynolds be requested to represent the interests of the Board in connection with Senate bill 171.

The Board adjourned to 10 A.M. at the Capitol.

Lansing May 6 1891, 10 A.M.

The Board reconvened as per adjournment. All present but the Governor.

It was resolved that Dr. Kedzie be granted leave of absence Commencement week to enable him to attend the meeting of the National Association of Agricultural Chemists.

It was resolved that the State Land Grant Board be requested to delay for the present the reappraisal of the Agricultural lands.

It was resolved that Prof. Taft be instructed to set out 6 acres of orcharding on the Parmelee tract as per the terms of the lease, and so far as may be to make the work of educational value to his classes.

It was resolved that the Secretary be authorized to remit in advance for Coates's Herd Books Vols. 20 to 36.

It was resolved that as the sense of the Board ~~was~~ it is not at this time desirable to turn the student labor of the Senior year into the statistical channel suggested by Prof. Corbin.

It was resolved that the Faculty in making the program of study and work for the next college year be directed to assign to each student the full term of two and one half hours of manual labor to students in the Agricultural course, for each and every day except Saturday and the first half of the spring term; and that and that the afternoons be kept as free from all class duties as possible.

It was resolved that Profs. Durand and Woodward, with the concurrence of the Secretary of the Board, be authorized to purchase the following apparatus for the Department of Physics at an expense of about \$500.00:



Weston Voltmeter,	\$75.00
" Ammeter,	75.00
Elliott Condenser,	100.00
Ballistic Galvanometer,	75.00
Wheatstone's Bridge,	100.00
Carden Voltmeter,	75.00
	<u>\$500.00</u>

provided the material so purchased shall be abreast of the times and of the most approved type.

It was resolved that Dr. Beal be authorized to purchase a dissecting stand at an expense of about \$8.00. Also 500 herbarium specimens from Florida at an expense of \$7.50 per 100. Also 500 labels for the grass garden and the wild garden.

It was resolved that the Secretary be authorized to procure mattresses for the gymnasium.

A recess was taken to 1:30 P.M.

May 6 1891, 1:30 P.M.

The Board reconvened. Mr. Phelps not present.

It was resolved that a well constructed galvanized barb wire fence be built on the east line of the College farm north of the river.

It was resolved that Prof. Taft be authorized to employ two extra laborers for not to exceed one month for the purpose of perfecting certain improvements on the grounds outlined by him.

The committee on Experiment Station recommended that the spraying of one or more orchards in Grand Rapids or elsewhere and the spraying of apple trees in the orchard of Byron G. Stout of Pontiac, for experiments with the curculio and canker worm be authorized. The report was accepted and adopted.

The purchase of a lawn-mower for the grass-garden was authorized.

Also the hiring of a laborer for Dr. Beal's work in the grass garden at \$1.25 per day.

The resignation of Miss Sinclair as Librarian, to take effect Aug. 18, 1891, was received, & was laid on the table.

It was resolved that a porch be built in front of Dr. Edwards' house, under the direction of the Secretary.

It was resolved that the Board adjourn to meet at the Capitol Monday, June 1, 1891, at 7:30 P.M.

Lansing, June 1, 1891, 7:30 P.M.

The Board met as per adjournment. Absent: Pres. Wells and the Governor. Pres. Clute was elected to the chair. The minutes of the meetings of May 5 & 6 were read and approved.

It was resolved that Prof. Thurtell be authorized to expend \$25.00 for the purchase of Mathematical works.

It was resolved that Prof. Edwards be continued as Professor of English Literature and Modern Languages with a salary at the rate of \$1800 per year and the use of the house now occupied by him.

It was resolved that in the forthcoming catalogue the title of the chair occupied by Prof. Durand be the Professor of Mechanical Engineering.

The Board adjourned to 10 A.M. at the College.

Agricultural College, June 2, 1891, 10 A.M.

The Board reconvened with the same members present.

Mr. Morley of the Michigan University appeared before the Board, as a candidate for the chair of Mathematics and Civil Engineering.

It was resolved to cover with linoleum the Greenhouse office; the offices of Dr. Kedzie, the Secretary, and Prof. Cook. Also that a supply of lamps be purchased. Also that the Greenhouse tank be removed. Also that two rooms in Dr. Beal's house be papered.

It was resolved that the expenditure of \$6.00 for two wheel-hoes for the Farm be authorized.

It was resolved that a disk corn harrow be procured for the Farm; and that a cooling tank be put in the milk room; and that a swill tank be procured; and that the land roller be repaired.

It was resolved that the purchase of a road-machine by a committee consisting of the professors of Agriculture and Horticulture be authorized.

Dissecting stand, Florida R. & C. labels, Lynn. mattress

East line fence.

Man for hort. spraying outside of orchards.

Lawn mower

Laborer for

Sinclair's Res. Porch Dr. Edwards' wards.

Books for Math. Dept. Dr. Edwards' continued

Durand's title

Morley, Math.

Linoleum, Lamps, Dr. H. Taub, Dr. Beal's house, Wheel hoes, Farm buildings

Road Machine

It was resolved to procure for the Experiment Station a medium size threshing machine, through Prof. Davenport and the chairman of the Farm committee.

It was resolved to authorize Prof. Cook to procure a tripod spring balance for the Experiment Station Apiary.

It was resolved that the Mechanical Department be authorized to procure supplies to an amount not exceeding \$250.00

It was resolved that the lacking volumes of the Transactions of the Linnaean Society be purchased of Dr. Beal for \$38.50 and charged to the fund from which the other volumes were purchased.

The petition of the students relative to Miss Sinclair was presented, received and read.

It was resolved to take from the table her resignation.

It was resolved to defer action on the resignation of Miss Sinclair till the next meeting.

The Board then took a recess for dinner. Reconvened at 1:30.

It was resolved that the Board request Pres't Wells to furnish a life-size portrait of himself, to be hung in the Library.

It was resolved that Mr. Butterfield be a committee to procure cabinet photographs of all the members and ex-members of the Board, with the autograph and date of birth of all living members.

It was resolved that it is the sense of this of this Board that the plant catalogue now in preparation by Dr. Beal and his assistant, Mr. Wheeler, be utilized in the making of the next annual report of this Board and that the whole matter be left in the hands of our Secretary with

tary with power to act.

It was resolved that Mr. Thurtell be authorized to lay a line of iron pipe or tile, in his discretion, from the artesian well to such point at the wild-garden as shall be designated by Dr. Beal, the intent being to utilize the waste water in connection with the development of the wild-garden, the details to be left to Mr. Thurtell and the work to be done in an economical and still a thorough manner.

It was resolved that Lieut. Crittenden be authorized to arrange the armory for target practice, at a nominal expense. Also to secure four drums for the Military department at an expense not to exceed \$30.

It was resolved that the Director of the Experiment Station be authorized to make a contract with Mr. T.T. Lyon for the use of his land adjoining the Experiment Station property at South Haven, for a term of years and definite provisions.

It was resolved that Sec'y Reynolds be granted a months vacation and that he be authorized to employ at the expense of the College such clerical assistance as he may need during his absence.

It was unanimously resolved that the thanks of this Board are hereby tendered to our former associate, Col. W.B. McCreary, now U.S. consul at Valparaiso, Chili, for the specimens of fertilizers sent by him to the College.

Mr. J.W. Toumey's resignation was presented and was accepted, to take effect June 6, 1891.

It was resolved that Mr. Toumey's vacated room be assigned to the use of Mr. Wheeler.

It was resolved that a car-load of posts be purchased by the Prof. of Agriculture and that he be instructed to build the fence on the East side of the grounds from the road to the river.

It was resolved that when the Board adjourned it be to Thursday July 9, 7:00 P.M. at the College.

The memorial adopted by the Faculty May 14 was presented and read to the Board.

It was resolved that the Board do not concur in the resolution made by the Faculty relative to Senior labor.

It was resolved that the Board make request of the War Dept. to furnish for the use of the College for military instruction apparatus for training in the signal code.

The Board then adjourned to July 9, 7:00 P.M. at the College.

Agricultural College, July 9, 1891, 7.00 P.M.

The Board met as per adjournment. Absent Pres. Clute and the Governor.

It was resolved that the reading of the minutes of the June meeting be dispensed with until to-morrow morning.

It was resolved to adjourn to 9 A.M. July 10 at the College.

Thrasher

Apiary balance.

Trans. Linnaean Socy.

Miss Sinclair

" " Presig

Pres. Wells Portrait

Board Photos.

Plant catalogue for Report.

Pipe to wild garden

Target practice

Lyon Contract

Secy. vacation

McCreary gifts

Toumey's Resig.

rooms

Fence posts

Faculty memorial

Senior labor

Signal Code apparatus



College July 10, 9 A.M.

The Board met as per adjournment. Absent: Governor Winans.  
The minutes of the meeting of June 1 & 2 were read and approved.

Dr. Beal was present and addressed the Board about the Botanical Laboratory.

It was resolved that a new floor be put in the Armory at once and that the floor be hard wood and be under the charge of the Building Committee.

The report of Dr. Kedzie relative to soils for the Columbian Exposition was referred to the Committee on the Exposition.

The Committee on Botany and Horticulture reported relative to rebuilding the Greenhouse.

It was resolved that the rebuilding of the Greenhouse be left with the Committee on Botany and Horticulture with full power to make contracts and complete the work.

It was resolved that Mr. Burnett be granted leave of absence of four or six weeks to visit flocks and herds.

The resignation of Dr. Durand was presented and accepted.

The resignation of W.J. Meyers was presented and accepted.

The resignation of F.J. Niswander was presented and accepted.

It was resolved that a committee of three of which the President of the College be chairman, be appointed to draft a resolution expressing confidence in Dr. Durand and regret at his departure. Messrs Chamberlain and Butterfield were appointed such committee.

The resignation of L.C. Colburn was presented and accepted.

It was resolved that the compensation to Mr. Colburn for extra work done in the Mathematical Department be referred to the committee on Employees.

It was resolved that the resignation of Miss Sinclair be taken from the table.

It was resolved that the resignation of Miss Sinclair be accepted.

It was resolved that Secretary Reynolds be paid \$200.00 per year from the College from July 1, 1891.

It was resolved that the Chairman of the Committee on Employees be requested to confer with ~~the~~ Secretary Reynolds relative to a plan for arranging the office work so as to relieve him from a large amount of detail work.

It was resolved that Mr. Garfield be a committee to consult an attorney with regard to bringing suits for violation of the fertilizer law.

The Board then took a recess until 2 P.M.

College, 2 P.M.

The Board reconvened. The Committee on Employees reported recommending:

1. that Mr. M.V. Ball be not employed as Bacteriologist.
2. also that Prof. Chas. B. Wing be elected professor of Mathematics and Engineering at a salary of \$1800. and house.
3. that Mr. Warren Babcock Jr. be engaged as Instructor in Mathematics at a salary of \$500. per year.
4. that Mr. Chas. F. Baker be engaged as instructor in Zoology at a salary of \$300. per year.
5. that Mrs. Linda E. Landon be engaged as Librarian at a salary of \$500. per year.
6. that Mr. E.A. Burnett be made assistant of Agriculture professor of Agriculture at a salary of \$1000. per year.
7. that the salary of Mr. H.J. Hall be increased to \$500. per year.
8. that Mr. G.H. Hicks be engaged as instructor in Botany at a salary of \$500. per year.
9. that the salary of Mr. P.G. Holden be increased to \$600.
10. that the salary of Mr. Thurtell be increased to \$1000.

salaries in each case to date with the beginning of the college year.

All of the above recommendations, with the exception of No. 26 relative to Mr. Burnett were adopted.

It was resolved that Mr. Garfield be appointed a delegate to the Board to attend the meeting of the Pomological Society at Washington.

The Committee on Farm reported concerning the matter of creating the chair of Assistant Professor of Agriculture, recommending that "there be created the position of Assistant Professor of Agriculture and Instructor in animal Industry, with the same salary as other assistants of the same grade.

Armory floor

Soils for Ex-  
position  
Rebuilding  
GreenhouseBurnett, L.  
of Abs.Dr. Durand's Resig.  
Wing  
Niswander

Resigns

Colburn's Resig.

" Extra work

Miss Sinclair  
Resignation

Secy's Salary

" Office work

Fertilizer suits

Bacteriologist  
Prof. of Math.  
Babcock

Baker

Mrs. Landon

Burnett, Asst. Prof.

H. J. Hall  
G. H. HicksHolden  
Thurtell

Pomology Socy

Asst. Prof. of Ag.

*Lane fence**South Road**Farm House**Wagon**Thermometers**Sale of Cattle**Tuberculosis in**hogs.**Books for Botany**Algae + Fungi**Hort. App.**Lawn seats**Sundry Repairs**Colburn bill.**Case for Pres. Office**Heating Buildings**Papering, Taft's house**Minor H. S. Office**Inventory H. S.**Resignation of**Wing*

A request for a lane fence of Page woven wire was allowed. \$25.00 were appropriated to help repair the road south of the

farm. A refrigerator and a cupboard for the farm-house were granted. It was resolved that the question of the purchase of a light wagon for the farm be laid on the table.

It was resolved that the matter of thermometers for farm experiments be laid on the table.

It was resolved that no cattle be offered for sale for breeding purposes until a year has passed since the last case of disease found.

It was resolved that the sow having the litter of pigs, some of which have been found suffering from Tuberculosis, be fed with a view to fatten and slaughter her, and if found sound to be sold, if not, to be destroyed.

It was resolved that Dr. Beal be authorized to expend \$75.00 for books to be used in his laboratory work, and \$25.00 from special appropriations for the Botanical Department.

It was resolved that Dr. Beal be authorized to expend \$12.00 from the current fund for specimens of Algae and Fungi.

It was resolved that Prof. Taft be authorized to expend \$275.00 for museum cases, bottles, books, models and sample tools, from special appropriations to his department.

It was resolved that Prof. Taft be authorized to expend \$100.00 for books, \$200.00 for drawings and models of fruits and vegetables, \$25.00 for cases for drawings, \$25.00 for mounting specimens, and \$75.00 for his office cases.

It was resolved that Prof. Taft be authorized to place rustic chairs about the grounds, in his discretion, at an expense not to exceed \$60.00

The following repairs were authorized: painting Hort. barn, Forging house, Farm barns, Wm. Hall, Wells Hall, College Hall, Chem. Lab., Library & Museum. Also

A case for microscopes in the Zoological Laboratory

A book case in the " Office

A purifier and heater for the boilers

A desk and linoleum for the Physical Office

A collection of insects from Montana for Prof. Cook--\$18.00

Also the following equipment for the Mathematical and Engineering Dept.

Repairs to old transit \$25.00

" " two compasses 15.00

Telescope attachments to two compasses 34.00

One " compass 75.00

" " architect's level 50.00

" " new transit 172.00

" " reading rod 18.00

\$389.00

It was resolved that L.C. Colburn be granted \$75.00 for extra work done by the Mathematical Department.

It was resolved that the president of the College be authorized to procure for use in his office a suitable case and cases to hold pamphlets.

It was resolved that the heating of the Horticultural Laboratory, College Hall, and the President's house be referred to the committee on buildings and the President with power to act.

It was resolved that two rooms in Prof. Taft's house be papered under charge of the Secretary.

The Board then adjourned to August 10, 7:30 P.M. at the Capitol

Lansing, August 10, 1891.

The Board met pursuant to adjournment. Present: Garfield, Chamberlain, Butterfield, Glidden, Clute, Phelps and the Secretary. The minutes of the meetings of July 9 and 10 were read and approved.

Mr. Conger was present and made a statement relative to the removal of his office to Detroit.

It was resolved that Sergeant Conger, Director of the Michigan Weather Service, be authorized to remove to Detroit the office of the State Weather Service and the property of the service now in his hands.

It was resolved that Sergeant Conger be requested to render to the Secretary of the Board a complete inventory of the property of the Service.

Letters from Prof. Wing, resigning the professorship to which he was elected were read and the resignation was accepted.



It was resolved that the resignation of Mr. Peebles be accepted and that Mr. Rossman be advanced to the position of first assistant in the Chemical Department of the Experiment Station at \$500.00 per year Mr. Harrison to be second assistant at \$300.00.

It was resolved that the salary of Mr. Curtis be raised to \$600 at the beginning of next term.

It was resolved that Mr. VanDervoort's salary be \$1000.00 from the beginning of next term.

It was resolved that Dr. Edwards be granted leave of absence from the close of the fall term to the opening of the summer term.

It was resolved that the College make an exhibit at the coming State Fair.

It was resolved that the first floor Southeast suite of Howard Terrace be painted and calcimined on being vacated by Mr. Peebles.

It was resolved that the room now occupied by Miss Linkletter be assigned to Prof. Noble.

It was resolved that certain Physical apparatus now in the possession of the Mechanical Department be transferred to the Physical Department.

It was resolved that the sale of certain machinery to Prof. Durand be authorized and that the price for the same be determined by the Committee on Buildings.

The Board adjourned to 9 A.M. at the College.

Agricultural College August 11, 1891.

The Board met pursuant to adjournment, with the same members present. The minutes of the meeting of August 10 were read and approved.

It was resolved that Dr. Edwards be authorized to expend \$500. with the concurrence of the President, in the purchase of books for the Library in the line of his department.

It was resolved to take from the table a series of resolution relative to the Greenhouse which was first offered by Mr. Garfield Aug. 19, 1889. The resolutions were then considered till after dinner and then carried.

It was resolved that Prof. Thurtell be requested to make a legal description of the D.L. & N. right of way across the College grounds and that Mr. Garfield be requested to prepare a deed of the same to be presented at the next meeting of the Board.

It was resolved that the President of the College be and here by is relieved from his duties as instructor in Mental and Moral Science and Logic.

It was resolved that the said class work be given to Prof. Corbin, and that the title of Prof. Corbin's chair in the Faculty shall be "Assistant Professor of Political Economy and History, and Instructor in Mental and Moral Science and Logic".

It was resolved that Prof. Corbin be relieved of his work in the Department of Literature, and that the Committee on Employees be authorized to secure an instructor in the Department of Literature, for one year.

at an expense of not more than \$600.00, to whom shall be assigned such duties as the President and Dr. Edwards shall prescribe.

The Board took a recess until two o'clock.

College 2 P.M. Aug. 11.

It was resolved that the degree of B.S. be conferred upon the students in the list recommended by the Faculty, by unanimous vote.

It was resolved that the action of the Faculty with reference to Mr. DeBar be confirmed and the degree of B.S. conferred upon him, by a vote as follows: Yea-Garfield, Butterfield, Glidden; No-Chamberlain, Phelps No division called for.

It was resolved that the degree of M.S. be conferred upon Messrs. Emerick and Hillman.

It was resolved that the honorary degree of LL.D be conferred upon ex-President Edwin Willits, and also upon Judge Allan B. Morse, a former student of the College.

It was resolved that the degree of Master of Agriculture be conferred upon the Hon. John T. Rich, and that the degree of Master of Horticulture be conferred upon the Hon. T. T. Lyon.

The Board then took a recess until 7 P.M.

*Publ. Ricg*

*Curtis Salary*

*Van D.*

*Dr. Edwards,*

*in vac.*

*State fair*

*Repairs H. Terrace*

*Phys. App*

*Sale of Machinery*

*Books for Eng. Dept.*

*Mr. House Resolutions*

*D. L. & N. drw.*

*Pres as instructor*

*Corbin's title*

*Instructor in Eng. Dept*

*B.S.*

*B. S. DeBar*

*W. J.*

*L. H. W.*

*M. A.*

*M. H.*

The College, Aug. 11, 1891.

The Board reconvened. All present but the Governor and Mr. Wells.

It was resolved that at the opening of the next college year the Greenhouse Department be made a section of the Department of Horticulture and Landscape Gardening.

It was resolved that Mr. Knapper shall remain in direct charge of the section and his title shall be "Foreman of the Conservatory and Grounds".

It was resolved that the Professor of Horticulture, under whose management the section shall be placed, be hereby requested to utilize the plant of Conservatory and forcing houses so far as practicable, 1st for the propagation of plants and shrubbery for the embellishment of the college grounds; 2nd for prosecuting the work of the Horticultural section of the Experiment Station; 3rd especially for the instruction of students in Horticulture and Landscape art.

The definitions incident to graduation requirements as to labor of post-graduates and others and concerning the general requirement of the College as to labor, was referred to a special committee consisting of Mr. Wells, Pres't Clute and Mr. Chamberlain.

It was resolved that the Prof. of Agriculture be authorized to procure a suitable ensilage cutter.

It was resolved that the instrument which Dr. Durand desired to purchase be offered to him for \$52.00

It was resolved that Dr. Beal be authorized to purchase about 100 Fungi of Mr. Calkins, at a cost of 6 cents each.

It was resolved that the committee on Buildings be requested to investigate the subject of sewerage, and to report for their convenience a system for the college premises.

It was resolved that Mr. Lyon be requested to make as complete exhibit from the South Haven Sub-station as may be at the State Fair, and at the Kent Co. Agricultural Society.

It was resolved that the heads of departments be requested to make as good a display at the State Fair as possible.

It was resolved that the matter of securing a heating plant for the forcing houses at the Greenhouse be left with Prof. Taft and the Committee on Horticulture with power to act.

It was resolved that Prof. Taft be authorized to experiment as to bars of iron to support the glass for greenhouses.

It was resolved that when we adjourn it be to Tuesday Sept. 1, at 7:30 P.M. at the Capital.

It was resolved that the vacancies to be filled be referred to the Committee on Employees with power to act.

It was resolved that Pres. Clute be authorized to expend \$150. current funds for books on Education, and as much more in Mental and Moral Science. The Board then adjourned.

Lansing, Sept. 8, 1891.

The Board met pursuant to adjournment, in their office in the Capitol. Absent: Wells, Phelps and the Governor. Pres. Clute was elected Chairman pro tem. The minutes of the meeting of Aug. 11 were read and approved.

It was resolved that Prof. F. S. Kedzie have authority to expend \$100.00 Special Appropriation for the purchase of apparatus, and \$250.00 Current for the purchase of glass-ware and chemicals.

It was resolved that Prof. Corbin be authorized to purchase on Current account \$40.00 worth of maps illustrating Ancient History.

It was resolved that the portrait of Pres't Williams be paid for from the Current account.

It was resolved that the whole matter of the management or slaughter of the diseased cattle be left in the hands of the Farm Committee with power to act.

It was resolved that the painting and papering of the inside of Prof. Vedder's house be done under the direction of the Secretary.

It was resolved that the Farm and Garden barns be repaired and painted under the direction of the Prof. of Agriculture and the Secy

It was resolved that when we adjourn it be to meet at the College at 9 A.M. Thursday Sept. 10.

It was resolved that Prof. Taft be requested to attend the meeting of the American Pomological Society at Washington, his expenses to be paid from the Current account.

It was resolved that Prof. Taft be authorized to expend \$250. from Special Appropriations for Greenhouse supplies.

Mr. H. &amp; Hort.

Knapper.  
Use of forcing  
houses.

Labor for grad.

Ensilage Cutter.  
Inst. to Durand.  
Fungi  
Sewerage.

So. Haven Fair.

St. Fair Display.

Heating Gr. House.

Iron frames for Gr. H.

Vacancies.

Books

Chm. Appr.

Hist. Maps.

Pres. Mus. Pictures.

Diseased Cattle.

Vedder's House.

Farm & Garden  
Barns.

Am. Pom. Socy

Gr. H. Supplies



It was resolved that the Committee on Horticulture be requested to make a new inventory of the college property in the Department recently known as the Greenhouse Department, and to report the same back to the Board, with recommendations, at its next meeting.

It was resolved that Dr. Beal be permitted to purchase 500 or 600 Iowa plants for the Herbarium at a cost of 3 cents each.

The bill for the portrait of Pres. Williams was presented and allowed.

It was resolved that the following property placed by Dr. Du- and in charge of Prof. Woodworth be transferred from the inventory of the Mechanical Department to the inventory of the Physical Department:

1 sphereometer	\$18.00
1 lens	25.00
1 micrometer	36.00
1 focusing electric lamp	35.00.

The Board then adjourned.

Agricultural College, Sept. 10, 1891, 10:30.

The Board reconvened pursuant to adjournment. Present: Garfield Chamberlain, Glidden, Phelps, Clute and the Secretary. Pres't Clute in the chair.

The Committee on Employees recommended that Prof. Breckenridge be elected professor of Mechanics at \$1800. and house, from ~~July~~ Aug. 24 1891. The report was accepted and adopted.

This committee also recommended that Prof. Vedder be elected professor of Mathematics and Civil Engineering at \$1800. and house, from the time that his services begin. Also that Mr. Goodenough be elected Instructor in Mechanical Engineering at \$700. per year, from the opening of the college year. Both reports were accepted and adopted.

They recommended also that Mr. W. O. Hedrick be elected Instructor or in English at \$500. per year from the opening of the College year. The report was accepted and adopted.

It was resolved that for the welfare of the Agricultural Department the Board deems it inexpedient to grant the year's leave of absence asked for by Prof. Davenport.

It was resolved that the salary of the Assistant Secretary be paid from the College Current account funds, and that the income from the Post Office be left at the disposal of the Secretary, from which he shall employ a clerk who shall render to the College service to balance so

much of the Secretary's service as shall be needed by the Post Office.

It was resolved that the Secretary be authorized to put in a new closet and wash basin back of the Board room.

The invitation of the Bay Co. Ag'l Soc. to exhibit ~~at~~ was declined, with thanks.

It was resolved that the Committee on Experiment Station be authorized and requested to visit the northern stations officially before the next Board meeting and at such other times as they may find necessary.

The Board then adjourned to 7:30 P.M. at the Capitol.

The Capitol, Lansing, Sept. 10, 7 P.M.

The Board reconvened as per adjournment. Present: Chamberlain, Butterfield, Glidden, Phelps, Clute, ex-member Geo. W. Phillips, and the Secretary.

It was resolved that \$100. be spent by Prof. Breckenridge for the purchase of reference books in Machine design and Drawing.

It was resolved that Prof. Breckenridge be allowed to make certain repairs in his office.

The Committee on Buildings reported recommending repairs of the roof of the Chem. Lab., Museum, and Wells Hall; repairs to Prof. Vedders house, and to Prof. Noble's rooms. Also partitions in the basement of College Hall.

The report was accepted.

It was resolved that what painting is needed externally on the buildings be done under the direction of the Secretary.

Certain apparatus for the Physical Department was recommended and was allowed.

It was resolved that a light double wagon and a Shropshire ram be purchased for the Farm Dept.

It was resolved that a seed room be prepared under the direction of the Prof. of Agriculture.

Sheep sheds were not recommended.

It was resolved that field No. 15 be drained.

*Iowa plants*

*Pres. Williams picture*

*Transfer of prop.*

*Prof. Breck.*

*Prof. Vedder*

*Mr. Goodenough*

*W. O. Hedrick*

*Prof. Davenport*

*W. of Abs.*

*Aut. Sec. Sal.*

*+ P. O. Clerk*

*Closet & basin*

*Bay Co. Ag. Soc.*

*Wortham Ex. Stas.*

*Books for Mach.*

*Repairs Mach. Office*

*Isaac Repair*

*Painting*

*Phys. Dept.*

*Wagon & Ram, Farm*

*Seed room*

*Sheds*

*Drain No. 15*

Bot. Lab. Plans

The plans for the Botanical Lab. were referred to the Building Committee to be submitted to some competent builder or builders for estimate of cost, and reported upon at the next meeting.

It was resolved that \$50.00 be appropriated to be expended under the direction of the President for musical instruments for the orchestra.

It was resolved that the President be granted leave of absence from Nov. 1 to Jan. 15, and that Prof. Woodworth be granted leave of absence through the winter vacation, and also Prof. Cook through the winter vacation.

The Board then adjourned to Oct. 5 7:30 P.M. at the Capitol.

~~XXXXXXXXXXXXXXXXXXXX~~

Lansing Oct. 5, 1891, 7:30 P.M.

The Board met pursuant to adjournment in their office in the Capitol. Absent: Pres. Wells and the Governor. The minutes of the meeting of Sept. 8 & 10 were read and approved.

Requests were presented by Prof. Corbin and Lieut. Crittenden. It was resolved that the Faculty be requested to appoint a committee to act with the Committee of the Board on Institutes.

It was resolved that the purchase of \$153. worth of Zoologica specimens be authorized.

Also 3 dozen ceiling rosettes for the electric light in the Library building.

It was resolved that the action of the Pres. in engaging Mr. Mumford be approved.

The Board adjourned to meet at the college at 8 A.M.

Agricultural College, Oct. 6, 1891, 8 A.M.

The Board attended chapel and spent till 10:30 in committee work, when they convened in executive session.

It was resolved that the lane be fenced south of the river as far south as the ground admits of it, with the Page woven wire fence 54 inches high.

It was resolved that the south line of the college farm be fenced, using old rails now on hand so far as they will go.

It was resolved that 80 rods of portable Page woven wire fence be procured for the farm.

It was resolved that the fence for the small fields near the barns be replaced with Page woven wire fence, and located in consultation with the Farm Committee.

It was resolved that Prof. Breckenridge's barn be repaired as per estimates presented.

Also that Prof. Breckenridge's parlor be repaired.

Also that a desk be purchased for Prof. Holdsworth.

Also that the Prof. of Civil Engineering be requested to prepare a plan and estimates for a sewerage system for Faculty row from Prof. Breckenridge's to Howard Terrace and Abbot Hall.

It was resolved that the salary of Mr. Davis be raised from 500. to \$600. per year from Oct. 1.

It was resolved that the Farm Department be authorized to purchase 10 lambs for experiment feeding.

It was resolved that record books be furnished for students' experiments and kept on the Farm Department indexed.

It was resolved that it is the sense of this State Board of Agriculture that the term of service for which employees are paid ends only at the expiration of the college term on which they have entered and that the liberty heretofore taken by employees of leaving at any time without the consent of the Board or without due notice, is doing an injustice to the College and we object to this method of leaving without notice.

It was resolved that when we adjourn it be to meet at the Capitol Monday Nov. 2, at 7:30 P.M.

It was resolved that 10 acres new land be prepared at Grayling next year for spurry.

It was resolved that Mr. Waterman be employed for the last two weeks of the term at \$10 per week to assist Dr. Grange.

It was resolved that Prof. Breckenridge be made the responsible head of the Engineer and the Boiler plant.

It was resolved that Prof. Taft be authorized to put in a telephone from his office to the Greenhouse at an expense of \$25.00

It was resolved that the Botanical Laboratory plans be referred back to Dr. Beal and the Building Committee to arrange the plan in accordance with representations made to the Legislature.

Orchestra

Leaves of Absence

Corbin &amp; Crittenden

Institutes

Zool. Spec.

Library lights

Mumford

Lane fence

South line fence

Page woven fence

" " "

Breckenridge's Barn

Parlor

Holdsworth's Desk

Plans for sewerage

Davis Salary

Lambs for Exp.

Exp. Record books

Leaving during term

Spurry at Grayling

Waterman

Change of Boiler

Holt's telephone

Bot. Lab. Plans



*Resignation of Prof. Davenport*  
It was resolved that the resignation of Prof. Davenport be accepted.

*to Mrs. Wells*  
It was resolved that Prof. Taft be requested to send twice a week by express to Mrs. Franklin Wells during her present illness, a box of flowers, with the regards and sympathy of the Board.

*Coryell*  
It was resolved that Prof. Taft be authorized to visit Jonesville to see Mr. Coryell.

The Board then adjourned.

Lansing, Nov. 4, 1891.

Meeting of Nov 2 deferred by common consent.

All present.

Reading of minutes of last meeting deferred.

*Library additions*  
It was resolved that the matter of increasing the library be referred to a special committee consisting of the President of the Board, the President of the college and Mr. Chamberlain.

Recess till 9 a.m. at the college.

Agricultural College, Nov 5, 9 a.m.

*to Mrs. Wells*  
The Board reconvened and took a recess until 1 p.m. At that hour they met with all members present. Hon. I. M. Weston of Grand Rapids, chairman of the State World's Fair Commission was present.

The minutes of the meeting of Oct 5-6 were read and approved.

*D.L. & N.*  
The chairman of the committee on Finance reported progress on the D.L. & N. right of way.

It was resolved that a vote of thanks be tendered Mr. Garfield for his zeal and energy in the matter, and that Prof. Taft be requested to send Mrs. Garfield a fine bouquet in testimonial of the appreciation of the Board.

*Grasses for Herb.*  
It was resolved that the sum of \$500.00 current funds be placed at the disposal of the Botanical Department to purchase herbarium specimens of grasses, weeds and other plants, mostly as desiderata.

*Plants for Hill's Garden*  
It was resolved that \$100.00 current funds be allowed for procuring living plants for the Botanic garden.

*Winter work*  
It was resolved that Dr. Beal be permitted to pay 8 cts an hour for good work in mounting plants during the winter vacation, to be paid out of special appropriation.

*Herb. Paper*  
It was resolved that Dr. Beal be permitted to procure a supply of herbarium paper, sufficient to mount the plants which we now have and are to purchase, to be paid for from special appropriation.

*Frames for Herb. plates*  
It was resolved that Prof. Taft be allowed to purchase 60 glass frames for the Vilmorin plates recently purchased, to be paid for out of special appropriation.

*Work on lawn*  
It was resolved that the matter of graveling the Farm lane be left to the Farm Committee with power to act.

The Farm Committee reported, recommending that the repairs and changes proposed be deferred. Report accepted and adopted.

*Repairs to barn*  
It was resolved that the Ass't Professor of Agriculture be authorized to have the roofs of the horse barn and of the shed to the cattle barn patched.

*Herdsmen*  
It was resolved that the employment of a herdsman be left with the Farm Committee with power to act.

*Ice chute*  
It was resolved that Prof. Taft be authorized to repair the ice chute.

*Work table*  
It was resolved that Prof. Kedzie be authorized to have a work table and book case made.

*Library gallery*  
Also that a gallery be built on the south side of the library under the direction of the President of the college and the Secretary.

*Alcove*  
Also, that the east end alcove of the library be partitioned off.

*Maps*  
Also, that maps be purchased to the amount of \$40. for Prof. Corbin and \$80. for Prof. Edwards.

*Testing Mach.*  
Also, that the testing machine be in the charge of the Mechanical Department.

*Coryell*  
Also, that Mr. R. J. Coryell be engaged at \$500. per year and room from Jan 1, 1892, to succeed Mr. Hall.

*Math. Asst.*  
Also, that the Committee on Employees be given power to act in engaging a successor to Prof. Thurtell.

*Index. Bulletins*  
Also, that Mr. Holden be authorized to employ two men at \$1.25 per day to index bulletins.



Also, that the acceptance of Mr Knapper's resignation be dated one month later than was done.

Also, that Mr F.B. Mumford be engaged for the vacation at a rate of \$500.00 per year.

Also that the degree of B.S. be conferred upon Mr K.S. Thabue.

The Board took a recess until morning.

Lansing, Nov 6, 1891, 9. a.m.

The Governor was present and remained.

A committee of Lansing gentlemen recommended Dr Miles for the chair of Agriculture.

It was resolved that the purchase of three machines for the Mechanical Dept. - a universal grinder, an emery grinder, and a power drill, be authorized.

Also, that Dr Grange be authorized to issue a bulletin on Glanders, illustrated with 3 plates costing \$384.00.

Also, that hereafter no Farm Dept. cattle be pronounced unsafe on account of tuberculosis without consultation with the Veterinarian.

The resignation of Sergt. Conger as Director of the Michigan Weather Service to take effect Dec. 1 was received and accepted, with a resolution expressing appreciation for his services.

Also, that Sergt. Conger be authorized to expend \$30.00 in the repair of instruments.

The special committee on the library reported recommending that the following sums be appropriated from current funds for library: English dept. - \$1000., History, Pol. Econ. dept. - \$500., Mech'l dept. - \$500. Math. & Engineering dept. - \$300., - Education - \$200. Total - \$2500.00; and also recommending the expenditure of \$50. from Zool. special fund for laboratory books for Zoological dept., and \$30. from library special for the bulletins of the Nat'l Association of Wool Mfrs. for the Farm dept. The report was accepted and adopted.

It was resolved that a shelf inventory of the library be made

It was resolved that when the Board adjourn it be until Tuesday, Dec. 8 at 7.30 p.m. at the Capitol.

Also that the heating of the Library and the Mechanical Buildings be authorized for this winter.

It was resolved that the Articles of Association of the Students' Boarding Association be approved by the Board of Agriculture and that the Secretary be instructed on behalf of the Board to subscribe to the capital stock of the Students' Boarding Club Assoc. a number of shares equal to the value of the property of the college now in use by the clubs, and that he be authorized to cast the vote of the Board on these shares; also that he be authorized to have the articles of association printed and distributed with the college catalogues.

It was resolved that Mr W.W. Tracy be employed for the winter at \$30.00 per month on the Hort. dept.

Recess.

Lansing, Nov. 6, 1 p.m.

The Board met with all present.

A communication was read from the President of the State Dairymen's Association, Geo. B. Horton, asking certain concessions with reference to furnishing his association with funds to assist with prosecution of its work.

It was resolved that Mr Chamberlain reply in a respectful message to Mr Horton, explaining that we have (no) funds upon which we can draw for this purpose.

It was resolved that it will militate against the work of the college to have Dr Beal try to assist the World's Fair Commission in the Forestry exhibit, while at the same time carrying on his duties here and to relinquish college work, or refrain from the aforesaid work for the Commission.

It was resolved that Dr Beal's report be referred back to him with the request that he expunge that part relating to outside work; also that Prof Cook's report be referred back to him with request to expunge that part relating to the U.S. Dept. of Agriculture.

It was resolved that the President and Secretary of the College be a committee to procure 25 kerosene street lamps of suitable pattern and to locate same at suitable places on the college campus, and to arrange for the care of the same.

It was resolved that President Wells and Mr Chamberlain be delegates of the Board to meet the Commission of the World's Fair in January with full power to act in all matters relating to the Board.

It was resolved that the President be authorized to issue a bulletin under the provisions of the law concerning college bulletins, giving information in detail about the college and the advantages it affords young men who desire a practical education.

Knapp's Resig.  
Mumford  
Thabue, B.S.

Dr. Miles.  
Machines for Shop.

Glanders Bulletin

Tuberculosis.  
Conger's Resig.

Repairs, H.S.  
Liby Appis.

City Inventory

Heating

Bd. Club Assoc.

Tracy

Dairymen's Assoc.

Dr. Beal, World's Fair

Beal's Report

Street Lamps

World's Fair Comm.

Ed. Bulletin



It was resolved to purchase seed of *Latharis Sylvestris* for one acre.

It was resolved that the Board send a delegation of whom the President shall be one member, to attend the Chicago Fat Stock show and the attendant conventions.

It was resolved that it is desirable and expedient to reorganize the Experiment Station. The matter was referred to the committee on Experiment Station.

It was resolved that the Secretary be requested to notify Mr Munn that his services will not be ~~required~~ required after Jan 1.

It was resolved that in consideration of his services in college extension work, Prof Corbin be excused from Institute work this winter.

It was resolved that bill of \$7.50 of Dr Wellings for attending supposed case of scarlet fever of Marie Sterly be paid.

The Board took a recess until 7.00 p.m.

Lansing, Nov 6, 7 p.m.

It was resolved that the recommendation of Mr Burnett relative to feeding four lots of four lambs each be approved and his other recommendations deferred.

It was resolved that the question of disposing of certain Shropshire ewes be left to the Farm committee.

The President appointed Mr Chamberlain, Pres. Clute, and Mr Butterfield to attend the Fat Stock show at Chicago.

The Board then adjourned.

Lansing, Dec. 8, 1891.

The Board met pursuant to adjournment.

Absent:- Prest Clute and Gov. Winans.

Dr Kedzie was present and presented questions relative to the weather service.

Dr Beal was present and presented questions relative to his department.

Mr Bowd and Mr Clark were present.

Dr Wellings was present and presented questions relative to diptheria.

The Board took a recess to 9 a.m.

Lansing, Dec 9, 9 a.m.

The Board met with same members present.

The minutes of the meeting of Nov 4-6 were read and approved.

It was resolved that Mr F.W. McNair be elected Asst. Professor of Mathematics at the rate of \$1000 and rooms from Jan 1, 1892.

It was resolved that the committee on Employees be authorized to visit such candidates for the vacancy in our Agricultural Dept. as seem promising to him, and to ask an associate of the Board to go with him at his discretion, to the end that at as early a date as possible he be prepared to make a definite recommendation and that at any date when such recommendation can be formulated a special meeting of this Board be called to consider and act upon the matter.

The committee on Experiment Station reported a recommendation for the re-organization which was accepted and adopted.

It was resolved that Prof Taft and the Secretary be authorized to contract with Lord and Burnham for the new Greenhouse and to purchase material for heating same, at their discretion.

It was resolved that Prof Taft see what can be done in the sale of the unused material of the old Greenhouse and to make such sale

It was resolved that Prof Taft and the Secretary be authorized to make such arrangements for the foundation of the Greenhouse as they see fit.

The Board took a recess to 1.30 p.m.

Lansing, 1.30 p.m.

The Board reconvened with same members present.

It was resolved that the Secretary be authorized to pay Mr Kains 10 cts per hour 23 hours per week to keep the Library open.

It was resolved that the Secretary be instructed to procure a suitable frame for the photographs of the Board members.

The report of the committee on Experiment Station relative to the work of the Station was presented and laid on the table for further consideration.

The communication of Dr Kedzie relative to the Signal Service was referred to Prest Wells and Mr Garfield to correspond with Chief Harrington.

*Latharis Sylvestris*  
Fat Stock Show  
Organizing Sta.  
Munn  
College Ext.  
Dr. Wellings

Feeding Lambs  
Selling Sheep  
Stock Show Comm.

Dr. K. H. S.

Diphtheria

McNair

Prof. Taft

⊕

New Gr. H.

Old Gr. H. material

Gr. H. foundation

Kains

Frames for Bd  
Munn. Pictures

Dr. K. H. S.

It was resolved that the bills of Hobbs, Gunson, Newman and Smith be paid as presented by the Secretary.

It was resolved that the Secretary have the halls thoroughly fumigated and cleansed under counsel of Dr Wellings.

It was resolved that the Board concur in the recommendation of the Faculty and confer the degree of M.S. on Mr C.B. Cook.

It was resolved that Prof Cook be authorized to pay 8 cts per hour, 6 hrs per day, for the rest of vacation for work in laboratory.

It was resolved that we authorize the chairman of the committee on Institutes to respectfully request the Secretary of State to allow Mr Robert L. Hewitt, chief of the statistical division, to give his admirable address on "New methods of gathering Agricultural statistics" at such of our farmer's institutes as he can conveniently attend.

It was resolved that the Board of Control of the Agricultural College land grant be requested to take such action as will keep the college lands out of the market for another year from the date of the present limitation; and that said Board of Control be also requested to look over the said land grant and reappraise them in their discretion.

The communication from Lieut. Crittenden was referred to the committee on Military.

A communication from Prof Breckenridge was referred to the committee on Mechanics and Buildings.

A communication from the Worlds Fair Commission was referred to the committee on Experiment Station.

The Secretary was directed to write to Mr Harwood asking him to meet the Board at their next meeting.

The Board took a recess until 7 p.m.

Lansing, Dec. 9, 7 p.m.

The Board reconvened with same members present.

It was resolved that the architect be authorized to make specifications for the vault in the basement of the Botanical Laboratory, and that we advertise for bids on Mr Bowd's plans.

It was resolved that Prof Breckenridge be authorized to make the changes recommended in Schedule E.

It was resolved that Dr Beal be authorized to secure Saccards work on Fungi (supplement), for the Experiment Station, to cost \$20.00

It was thought not best that Dr Beal should give University extension lectures in Detroit.

It was resolved that Mr Richard Harrison be temporarily engaged at \$35. per month and board from Dec 1, 1891, as herdsman.

The Board then adjourned.

Lansing, Dec 15, 1891,

Absent Mr Glidden and Prest Clute.

Mr P.M. Harwood was present by invitation.

A letter relative to Prof Corbin's taking the Grand Rapids High School work was referred to the committee on Employees.

It was resolved that Lieut Crittenden be authorized to select from volunteers among the students in his department a fire squad of not less than twelve nor more than sixteen men, who shall be given under his direction special drill four times each term, the hours of drill to be considered special work hours, the recompense to be eight cents per hour. Students selected for this work shall not be excused from regular work on this account.

The Board took a recess until 9 a.m.

Agricultural College, Dec 16, 9 a.m.

The Board reconvened with same members present except the Governor.

It was resolved that Dr Beal be allowed to purchase for the Botanical Dept. a complete set of 110 botanical plates to illustrate both higher and lower forms of plant life, to cost about \$85.

It was resolved that the request of the Supt. of Schools of Grand Rapids for assistance from Prof Corbin be granted, provided that it does not interfere with his regular college duties.

It was resolved that Mr Wheeler's salary be raised to \$1000. per year from Jan 1, 1892.

Mr Chamberlain was authorized to confer further with Mr Harwood and to employ him in his judgement.

The Board then adjourned, sine die.

Diph. Bills

Fumigation

C.B. Cook, M.S.

Hewitt at Insts.

College Lands

Mr. Harwood

Botl Vault

Bids

Saccard's Fungi

Univ. Ext.

Rich. Harrison

P.M. Harwood

Corbin, Mr. R.H.S.

Fire Squad

Botl Charts

Corbin, Mr. R.H.S.

Wheeler's Salary

Mr. Harwood