

Agricultural College Monday March 8th '86

The Board of Agriculture met Sat 7.30 p.m. at the call of President Wells, present Messrs Wells, Dewey, McCree, Chamberlain, Willits and the Secretary.

The following members of the faculty were also present Dr Kedzie, Dr Beal, Profs Carpenter, Johnson, MacEwan, Bailey and McLouth.

Joint Meeting for June Pres^t Wells stated that he had taken the responsibility of inviting the Ex. Com. & officers of the State Agr. Soc. to meet the Board in joint session at such time in June as wd suit their convenience.

Straw Analysis Dr Kedzie outlined a series of straw analyses^{by} which he desired to test the feeding value of wheat straw at different stages of ripeness and asked to have 15 or 20 rods of growing wheat for this purpose the coming season.

Fair Dr Beal asked about the next fair saying he planned to exhibit, if desired, microscopes, drawings, and botanic garden specimens.

Fuel Consumed Prof. Carpenter reported that our steam heating uses about 4 tons of coal per 24 hours. We have ²⁰ students working in wood and 18 in the machine shop on half that number of sets of tools each student working on alternate days.

Feeding Expt. Prof. Johnson reported as to securing calves for the experiment in feeding that he had accepted an offer of Mr Phelps of Pontiac to give for \$100. a six months old ^{Hereford} calf for wh. he wd. ordinarily ask \$150. when first dropped.

Chinese & Japan Fruits Prof. Bailey reported as to studies pursued by himself & Mr Candall during the winter and spoke of having secured specimens of a large number of hardy Chinese & Japanese apple & peach.

McLouth Report Prof. McLouth presented a verbal report of his visit to eastern Industrial schools wh. he was requested to write out for placing on file for the use of the Board.

The Board adjourned to 8.30 a.m.

Agricultural College Tuesday March 2nd 1886

The Board met per adjournment with same members present as on the previous evening.

Minutes The minutes of the meetings of Dec. 2, 3 & 4 were read and approved.

More Rooms On motion Pres^t Willits was authorized^{at his discretion} to have rooms in Botanical and Mechanical buildings finished off for lodging students.

Stove Abbot The Secretary was instructed to procure a stove for office of Dr Abbot and to dispose of old stoves, pipes &c on hand.

Ruggles Suit. Col. McCreery reported the adverse decision in the Ruggles suit and the payment into our trust fund of \$2436. being the amount paid additional to the original \$3.00 per acre purchase money, to settle controversy; ^{and \$596. interest thereon} which had been held in abeyance pending the decision of this suit.

MacEwan. On motion Prof. MacEwan was authorized to expend \$20.00 for Dictionary and map of England for his class room instead of elocution charts.

Beal Assistant. It was resolved that Dr Beal be authorized with advice and consent of the President to employ an assistant ^{the salary with the mention and this term the time is \$125. without board the price}

Grammar Tutor. On motion Pres. Wells was authorized to employ a student one hour per day for 4 to 6 weeks to coach students in grammar.

Elocution. On motion Pres. Wells was authorized to employ a teacher in elocution for this term for the Freshmen ^{Prof. Nelson 2 days a wk @ \$100. suggested}

Hort. Salary. On a request from Prof. Bailey to know whether the Board regarded the chair of Horticulture as on a level with the other regular professorships of the college the various members expressed full assent to that view, the cause of the present difference in salary being Prof. Bailey's short experience in his position.

Com. on College Lands. On the suggestion of Pres. Wells it was resolved that there be added to the number of regular standing committees of this Board, a committee on Agricultural College Lands to suggest such action regarding their sale or appraisal or the collection of trespass, penalty or other moneys arising from their sale as the interests of the college might require; also to suggest any legislative action relative to above subjects that might be desirable.

Buildings Accept. Mr Dewey reported the acceptance of the new buildings.

Stock Sale. President Wells reported that the stock sale would be held after lunch at the farm house on the afternoon of Thursday the 25th of March.

MacEwan Office. The Secretary was instructed to expend not to exceed \$75.00 in furnishing Prof. MacEwan's office.

Carpenter. It was resolved that Prof. Carpenter's request to be relieved of the purchasing of supplies for the Mechanical, Mathematical & Engineering Depts and for Heating and Repairs be granted.

Joint Meetg. On motion the Secretary was instructed to extend an invitation to the officers and Ex. Committees of the State Group and State Horticultural Societies to take part in the Joint Meeting to be held during June next. It was resolved that Dr Kedzie and the Secty. be authorized to provide, within what can be spared for the purpose from the

Assay Work

Special Appropriation for the Chemical Dept., furnaces, cupels and balances for assay work and such other balances and apparatus as may be necessary for the work of the department.

Appleyard

On the presentation of a communication from Mr Appleyard setting forth that he had been at extra expense in supervision of buildings erected the past season, in securing transportation to and from the college the Secretary was instructed to pay Mr Appleyard an additional \$15.00 in final settlement of his account.

Student Labor

Of the expenditure of the last term on Student labor account the Secretary was instructed to charge \$712.03 in accounts as follows for work done for the different ^{special appropriations} objects named viz Farm Dept \$38.20 Horticultural Dept \$200. Mech? " 67.

Botanical	"	152.17	Zoological	"	15.
Repairs of Buildings		173.50	Steam Repairs		66.16

Purchases
by Secty.

It was resolved that the Secretary under the direction of the Board of Agriculture be authorized to make all purchases for the college excepting such as are or may be otherwise specially provided for.

Exhibit Fair

It was resolved that the college shall make an exhibit at the next State Fair

The Board then adjourned to meet at the college at 7.30 p.m. Wednesday March 24th 86
Henry C Reynolds, Secty.

Agricultural College March 24th 1886 7.30 p.m.

The Board met pursuant to the call of President Wells.
Col. McCreery was not present on account of illness.

The minutes of the meetings of March 1stnd and 2nd were read and approved.

The various members of the Faculty were present and made verbal reports of work and wants in their departments.
The Board adjourned to meet at 8.30 a.m.

Agricultural College March 25th 1886 8.30 a.m.

The Board met pursuant to adjournment. Some members present as on previous evening.

The Secretary was instructed to have the privies near the old garden barn (site) removed.

Prof. Bailey was authorized to expend \$25.00 in repairing the public bridge near Chemical Laboratory; \$25.00 for hand lawn mowers and \$52.00 for hoes, rakes, hand cultivators etc. and \$50.00 for new fruits.

The Secretary was instructed to have 8 sash for Green House out door pits renewed.

President Wells appointed Col. McCreery and Wm. Henry Chamberlain committee on Agricultural College lands.

Dr Beal was authorized to expend \$28.00 in repair of his house and \$25.00 out of Botanical appropriation for small bottles for exhibiting grains.

It was resolved that Louis Carpenter and the Secretary be authorized to expend \$20.00 for drawing models.

On motion of Mr. Luce the Secretary was instructed to credit to the Special Appropriation for an Assembly Hall the receipts from Matriculation, ^{Diplomas and} Bank interest from Oct. 1st 1885 until the sum of the same shall equal \$1376.43.

On motion of Mr. Dewey it was resolved that Mr. Knapp be authorized to employ a man for two months.

Also resolved that the Secretary pay to Mrs. Knapp for the calendar year 1886 \$100.00 in quarterly installments.

It was Resolved that the lawn in front of Williams Hall be top dressed at a cost not exceeding \$25.00 and be dragged, heavily rolled and seeded down; and that the sweep in front ^{of Williams Hall} be left as it is; also that the loop in front of the Library be abolished and the curves N.E. of the library altered as suggested by Prof. Bailey.

Dr Beal was authorized to expend \$10.00 for cardboard for the fair.

The Board took a recess to 7.30 p.m. and then adjourned subject to the call of the President.

Henry G. Reynolds Secretary

Moore Priory

Rustic Bridge

Lawn Mowers

New Fruits

8 Sash

Com. of Board

Ag. Coll. Land

Dr Beal

Drawing Models

Assembly Hall

Deficit

Green House Man

Mrs Knapp

Lawns

Dr Beal

Office at Capitol Building Lansing June 14. 86 7.30 pm.
The Board met at the call of President Wells, all the members being present except the Governor.

The minutes of the meetings of March 24th and 25th were read and approved.

It was resolved that Dr Beal be authorized to purchase for the use of the students in the Botanical Department *Reference Books* *Stromboli's Dictionary* Vol 1 of Stevens's Fungi and the Hand Book of Plant Distribution.

It was resolved that Prof Carpenter be authorized to have *Repairs* the brick furnaces under the boilers repaired sufficiently to render them safe for one year at a cost not to exceed \$75.00 except upon the consent of the Chairman of the Committee on Buildings.

It was resolved that Prof Carpenter be authorized to *Arch & Well* have a brick arch constructed over the well near the river from which water for the water works is obtained.

It was resolved that the cart now the property of the engineering department be sold to the Green House Dept. for \$25.00 and proper credit be given to the Special Appropriation for Steam Works.

The following letter was referred to the Secty. with authority to exercise his judgment; it being suggested that a transom *Clubs A & B* costing \$5.00 complete would probably fit the need.

Transom Pres. Wells's Dear Sir It would be desirable if a window were set high up in the partition between Clubs A. & B. The cost of what they want done will be about \$15.00 Yours R.C. Carpenter.

Microscope It was resolved that Dr Grange and the Secty. be authorized to expend \$100. of the Veterinary appropriation for a Compound microscope and accessory apparatus.

It was resolved that Prof Johnson be authorized to *Ag. Teachers* attend the meeting of teachers of Agriculture to be held at La Fayette, Indiana.

" " " It was resolved that Horace Henry Chamberlain be associated with Prof. Johnson to represent this Board at the La Fayette meeting.

Fertilizer License It was resolved that one half the net proceeds of the fertilizer license fees be paid to Dr. Kedzie.

The Secretary presented a communication referred to this Board by J. M. Wilson Clerk of the Board of State Auditors from *Marston's & Ruggles Suit* Judge Isaac Marston which was received and laid on the table until the next meeting.

It was resolved that each of the ranges now rented to the different clubs shall become the property of the club which rents it whenever the sum paid by the club for ^{each} such ranges in rents or otherwise shall amount to fifty five dollars and seven per cent interest thereon since March 1st 1883.

Club Ranges

By Mar 1st '87 the a/c wd stand: 55.⁰⁰ + 4 yrs int @ 7% = 70.42, less 4 yrs. rent pd = 60.
+ 7% int on proportion of rent in excess of accrued int. due = 60. rent less 15.40 int. = 44.60 for an average period of 2 1/2 years, which equals (44.60 x 17.5 = 780) 67.80 leaving
Bal. due Mar 1.87 \$2.60

504

Radiators It was resolved that not to exceed \$25.⁰⁰ be expended for radiators.
The Board took a recess till 9.00 a.m.

Bd. of Agriculture Office at Capitol Building, Lansing
9 a.m. Tuesday June 15th 1886

Petition The Board met pursuant to adjournment with same members present as before.
President Willis presented a petition of Dale Smith and 51 others of the classes of '86 '87 '88 requesting the consideration by the Board of the course in Agriculture as presented by Prof. Johnson.

On motion the petition was referred to the President of the College the President of the Board and Hon Henry Chamberlain.

N.Y. Bank A/c It was resolved that the Secretary be permitted to open a bank account in New York with such exchange as he can secure without expense provided that he shall at no time have on deposit there to exceed \$1000.⁰⁰ and shall charge five cents for checks drawn of \$10.⁰⁰ or under 10 cents from \$10. to \$50.⁰⁰, 15 cents from \$50. to \$100. and 5c additional for each added \$100. or part.

The Board adjourned to meet at the College on Tuesday July 20th at 7.30 pm.
Henry G. Reynolds Secy.

July 20th 1886 Board Meeting postponed one week

Agricultural College Tuesday July 27th '86, 7.30 pm

The Board met at the call of President J. Wells. Present all the members except the Governor and all of the Faculty except Abbot, ~~Conford~~ and Bailey.

Recommendation of Faculty Dr Kedzie and Dr Beal both spoke of the need of more assistance in their departments to properly instruct the increasing number of students. Prof. Cook would like Mr Gillette next year. Prof. McComb suggested making of apparatus for Experimental Mechanics. St. Lockwood recommended stairs to Armory loft, and to require physicians certificate of illness as excuse for absenteeism.

Prof. Carpenter asked for 24 seats for class room and 7 sets tools

Prof. Johnson asked for an investigation of the charges made against him in the petition presented at the last meeting and it was agreed to consider the matter the first thing in the morning.

The Board then adjourned to 8.30 a.m.

Henry Reynolds, Secy.

Agricultural College 8.30 am Wednesday July 28. 1886

The Board met pursuant to adjournment. All members present but the Governor.

The minutes of the meetings of June 14th and 15th were read and approved.

Prof. Johnson was present and gave a statement of the disorders in his class since June 1st.

On motion it was resolved that the Secretary notify Mr. Sumner Cordley the President of the Sophomore class to attend at 1.30 p.m. today with five representative members of his class in relation to the petition presented June 15th by the students.

Pres. Willits presented various needs, among others finishing off sundry beds in the new brick building - Estimating Lab. for students, rebuilding ice house and dam, removing brick oven, new floor & door for Club E., calcimining in Wells Hall and assistants in Mathematics & English; Mr. Cotton for former Prof. Patterson for salary at \$500. & \$1200 respectively; also a fireman.

The Ice House and Dam were referred to Messrs Dewey, Rising and the Secretary.

The question of building the abutment of the farm bridge was referred to the Com. on Farm Management and Prof. Johnson.

The Secretary was instructed to have the brick oven removed.

College Chapel repapered.

It was resolved that the Celestic Society be permitted to take in certain space adjoining their room as indicated by Pres. Willits.

Secretary was instructed to have certain seats in College Hall revamped and to provide additional black boards.

It was resolved that Pres. Willits be authorized to employ Mr. Cotton at not to exceed \$500. per year and Mr. Patterson at not to exceed \$1200. per year from the beginning of fall term.

It was resolved that from and after Jan. 1st 1887 the salary of Prof. Bailey be at the rate of \$1800. per year.

It was resolved that Dr. Beal and the Secretary be authorized to buy seven compound microscopes at \$45.00 each.

It was resolved that the location of flower beds about the Professor's houses be ~~located~~ ^{made} by the florist under the direction of the President and that any beds not so provided for be paid for by the officer requesting it.

It was resolved that the Pres. ^{with advice of} Messrs Chamberlain and Melerey be authorized to engage a carpenter to succeed Mr. Mohr.

It was resolved to confer the degree of Bachelor of Science on Messrs Junius Dixon and Orion C. Duhamel.

It was resolved that hereafter work bills be rendered and paid once per term at the close of each term.

Adjourned to 1.30 p.m.

Henry E. Reynolds Secy.

Wednesday

Agricultural College, July 28th 1886 - 1.30 p.m.

Johnson
Examination

The Board reassembled after the recess with all the members present but the Governor also Prof. Johnson with Judge Macston as his attorney and the following representation from the Sophomore class Mr. ^{A.P.} Cordley class President Mr. L. C. Colburn class Secy and Messrs Mayo, Taylor, Hall, and Breggar.

The afternoon was spent in an examination of the charges contained in the petition of the students presented June 15th in which statements were made by Prof. J. and each of the students present ^{except Mr. Hall}; after which the Board took a recess to 7.30 p.m.

Wednesday July 28th 7.30 p.m. 1886

The Board reassembled with same members present, also Prof. Johnson and Messrs Colburn, J. H. Hall, Bates, H. W. Carr, G. C. Crandall, and W. C. Hall.

The evening was spent in a continuation of the examination, in the course of which Mr G. C. Crandall spoke of an occasion when some Sulphuretted Hydrogen was brought into the class room and in answer to a question as to the persons bringing it in he at first refused positively to answer and then asked till morning to consider the matter, which ^{upon motion of Mr. Lyge was granted}. The Board adjourned to 8.30 a.m. July 29th.

Thursday

Agricultural College, July 29. 1886, 8.30 a.m.

The Board met pursuant to adjournment with all the members present except the Governor and Mr Devey also Messrs G. C. Crandall, Eldridge, L. C. Colburn, W. A. Kinnear, ^{A. L.} Nichols, J. B. Bates, Judson, Judge Macston, Prof. Johnson, W. S. Launstein, Eorhart, Welch.

Mr Crandall being asked his decision, definitely refused to answer the question but added that he had misunderstood the ^{preliminary} question of the previous evening as to how he knew who introduced the Sulphuretted Hydrogen; that though he had then stated that he knew this of his own personal knowledge and not by hearsay, he had been in error in so stating as his knowledge was only from hearsay, but nevertheless such that he felt morally certain of the facts.

It was moved and seconded that in view of this refusal to answer the question of the Board Mr Crandall be expelled from the college.

Mr Luce suggested deferring action in this matter until the other business in hand was disposed of.

On motion of Mr Chamberlain the resolution to expel was laid on the table pending the continuation of the Johnson investigation. The examination of witnesses was then proceeded.

with and concluded by a statement from Prof. Johnson after which all except members of the Board and the Secy withdrew and the question was discussed at length.

At this point Judge Marston entered to say that he had been requested by Col. McCreery to look over the sales of college lands with a view to finding any cases in which the college had been defrauded, that he would examine the list of sales and report to the Board and charge nothing for so doing.

The Johnson subject was then resumed, the expressions tending to the view that the point made by the students of not being identified in the operations of the farm, taught its technicalities and familiarized with its experiments, stock, implements and products was so far as justified by the facts chiefly chargeable to the lack of ^a sufficiency of skilled assistants to the professor of Agriculture. That desirable as these objects were it was impossible for a Prof. of Ag. single handed to realize them with a hundred boys at a time. He needed more assistants.

We cannot remedy it by having one man at the head of the farm department and another to lecture on theoretical practical agriculture. Such a divorce of theory & practice would be worse than the present difficulties.

It was ^{unanimously} resolved the J. C. Holmes Esq. be requested to furnish a photograph portrait of himself to be placed in a suitable place in the lobby.

After instructing the Secretary to summon Mr. Caudall to hold himself in readiness to appear before the Board after dinner a recess was taken till 1.30 p.m.

Agricultural College Thursday July 29th 1886 1.30 p.m.

The Board of Agriculture reassembled with all the members present except Mr. Dewey and the Governor -

It was resolved to grant leave of absence of Drs. Kedzie and Beal to attend the meeting of the American Association for the Advancement of Science at Buffalo.

On petition of the Senior class it was resolved to pay \$40.00 toward defraying the cost of music for the Commencement.

On motion the Secretary was authorized to erect a good flag staff to be 100 ft high rigged with pulley, halliards &c at a cost not to exceed \$50.00 and to purchase a large flag.

The Secretary was instructed to request St. Lockwood to procure the necessary form of bond for getting pieces of artillery.

It was resolved that Prof. Carpenter be authorized to repair the dam across the Red Cedar River under direction of the Building Committee.

It was resolved that Prof. Carpenter and the Secretary be authorized to

Tools purchase seven sets of carpenters tools for the use of the shop, at a cost not to exceed \$60.00

Name Plates On motion Prof. Carpenter was authorized to procure brass plates to put on machines built in the shop to read "State Agricultural College, built by class of 1889", cost not to exceed \$8.00

Mr. Brandall was then called in and asked if he still adhered to his decision. His reply was the same as in the morning. On the suggestion being made of a further deferring of action on the case in order ^{to be sure} that his class might not relieve him by a voluntary confession Mr. Brandall said he would prefer to have the matter settled at once. He then left the room and the following preambles and resolutions were adopted with no dissenting vote.

Whereas, George C. Brandall a member of the Junior Class was before the State Board of Agriculture as a witness, and

Whereas, He was asked a proper question in regard to a matter of which he stated that he had knowledge, which question he refused to answer in contempt of the authority of the said Board, therefore

Resolved, That George C. Brandall be expelled from the State Agricultural College

Finding in Johnson case Whereas the State Board of Agriculture have received the petition and have patiently and carefully examined the charges therein made by a portion of the students of the Michigan Agricultural College against Samuel Johnson Professor of Agriculture in said college and have heard the statements and evidence produced by a committee of the students, be it

Resolved, That from the evidence produced and the opinions submitted, as to the first charge we conclude that while the students all agree and state that their instruction in the Freshman year was satisfactory, that in the succeeding years ^{it} has not been presented in an interesting and satisfactory manner

As to the second charge, we find no evidence to substantiate it; and ^{also} of the third and fourth charges.

As to the fifth charge we find by the evidence that there has been a lack in some cases in the practical illustration which might have been afforded by the stock and growing crops.

In regard to the sixth charge we deem it our duty to say that if there be a fault it is more to be charged to the system than to the Professor of Agriculture and when sufficient means are provided should be remedied and we believe that when such means are provided there will be no further cause for complaint.

(To render the above finding more understandable the petition referred to is here given in full)

To the Honorable State Board of Agriculture: We the undersigned

Johnson
Petition

and concluded with a statement by Prof. Johnson after which all but members of the Board & the Secy. withdrew and the question was discussed at length students at the Michigan Agricultural College do respectfully offer the following petition.

Whereas; the instruction here imparted in Agriculture is not such as befits the rank of the first Agricultural College in the United States

First, because the subject is presented in an uninteresting and disconnected form

Second, because the information on many points is incomplete and in some instances incorrect

Third, because the presentation shows either lack of scholarship or insufficient preparation.

Fourth, because many things are given which would necessarily be inferred, thus causing waste of time.

Fifth, because with few exceptions the practical illustrations which might be afforded by the stock and growing crops on the farm are neglected.

Sixth, because the most instructive part of the work on the farm is done by the hired help to the exclusion of the students.

And Whereas dissatisfaction in regard to this study exists as is shown by the following facts

First, the expression of each class which has been under the present professor

Second, the feeling among the graduates is that they have derived little practical benefit from their course in Agriculture.

Third, that when the study is elective but very few take it

Fourth, that those who have come especially for the course in Agriculture soon become disgusted and take other studies.

And whereas we believe the present condition of affairs, is injurious to the morale of the college and to its reputation abroad is directly chargeable to the present head of this department;

Therefore we respectfully ask that a careful investigation be made of these statements.

Juniors Protest

Soon after the announcement of Mr. Brandall's expulsion a paper signed by every other member of the Junior class was presented to the Board stating that the signers considered ~~considered~~ the sentence passed upon Mr. Brandall an unjust one and requested its reversal and that unless the action were reversed within one hour the signers would consider their connection with the college severed.

It was resolved that, a paper from the Junior class in regard to the action of the Board in the case of Mr. Geo. C. Brandall having been received and considered, the persons signing it are hereby given one

week in which to remove their names from that paper, and all of the signers thereof whose names are not so removed within that time shall be declared expelled from this college.

The Board then adjourned subject to the call of the Pres.
Henry B. Reynolds Secy.

Agricultural College Monday August 2nd 1886. 7.30 p.m.

The Board of Agriculture met at the call of President Wells, all the members being present except the Governor.

A committee representing the Junior Class, ^{Messrs Wm. W.C. Hall & Wm. A. Alder} waited upon the Board ^{in the name of the class} and requested permission to withdraw the paper presented by them on the 29th ult. This, upon resolution they were permitted to do.

The president of the class Mr. Wm. then stated that the members of his class who were implicated in the affair about which Mr. Crandall had refused to speak requested an opportunity to relieve him by relating their own part therein. A readiness to hear what they had to say ^{being expressed} Messrs. Bates Chapin J. R. Smith and Waldron entered and acknowledged themselves the actors on the occasion about which Mr. Crandall ^{had} been asked to testify; and upon their leaving Messrs. Whitson Benjamin Hume Redman Sisson Abbot Arnold and Kimbrough entered and gave an account of their contributions to the disturbance. Mr. Crandall then entered and acknowledged the right of the Board to require testimony of students.

The class then left the room, and Mr. H. C. Brown President of the Senior class was called in and asked whether his class desired to have left before the Board for consideration a paper which Mr. Brown had placed in hands of Pres. Wells shortly after the adjournment of the previous meeting. On motion Mr. Brown was requested to submit the question to a meeting of his class, to be called together at once for the purpose. Mr. B. then left for that purpose.

It was resolved that Prof. McLouth be allowed three dollars (\$3.) per month in lieu of the use of a barn until one be provided.

It was resolved that with consent of Pres. Wells Mr. Kuapp be given 8 days leave of absence to go east.

Mr. Brown returned with word that his class had voted not to withdraw paper. He was told to notify his class to hold themselves in readiness to appear before the Board in the morning.

The following preamble and resolutions were then unanimously adopted.

Resolved: That Mr. Geo. C. Crandall was expelled from the Mich. Agri. College on the 29th of July for refusing to answer a question put to him by ~~the~~ a member of the State Board of Agriculture which as understood by said Board ~~to be~~ ^{was} within his knowledge and whereas Mr. Crandall now states that it was not of his

Seniors' Protest

McLouth barn

Kuapp leave of absence

Crandall
Restored

own knowledge but from information given him by a person engaged in the disturbance which ^{said he supposed the} he was privileged from not answering as hearsay. And whereas he expresses his willingness to answer and has answered such question by giving the source of his information, and acknowledges the right of the State Board of Agriculture to require students to answer, who have information either from his own knowledge or from confession of the perpetrators of the offense against the rules of the College.

Therefore resolved; That the resolution of expulsion of Geo. B. Brandall be rescinded and he be restored to his standing in College - Carried

The Board then adjourned to 9 a. m.

Agricultural College Tuesday Aug. 3rd 1886, 9 a. m.

The Board met according to adjournment, all present but Mr Luce and the Governor.

The members of the Senior class were called in one by one and asked their action on the question of withdrawing the paper which had been placed in Pres^t Wells' hands.

Eighteen members said they had voted not to withdraw the paper and they were notified to appear and give reason why they should not be dealt with for contempt.

Messrs Brown, Kinnau, Nichols & Whitney appeared as committee of the 18 appointed for that purpose, with Mr Launstein as Secy.

They denied intentional contempt and said that they supposed themselves to have been acting within their province.

They then left the room and the following preamble and resolutions offered.

Whereas the following resolutions were presented by the Senior Class of the Michigan Agricultural College to the State Board of Agriculture on the 30th ult. viz.

"Mich. Ag. Coll. July 29th '86
To the Hon. State Board of Agriculture: Be it resolved that we the class of '86 after due consideration and with all respect for your honorable body do hereby request the reinstatement of Mr Geo. B. Brandall. And be it resolved that: if he is not reinstated within two (2) days we feel it our duty to cancel all class and commencement exercises and further to request our diplomas after our final examinations: Signed H. E. Brown Pres^t."

And Whereas, on being given opportunity to withdraw them, certain members of said class who are hereinafter named adhered to their original action and refused to withdraw the same.

And Whereas in the judgment of this Board said resolutions embody a threat, in contempt of the authority of the Board and the discipline of the College.

Therefore be it resolved that the following named students are hereby suspended for one year from this day and are not to be restored to college at any time after the expiration of said period except on conditions satisfactory to the Faculty; and also that the said students be required to leave the college grounds within the two days required by the Faculty rule in such cases viz. Messrs

Wm H. Clemons	Just Hooker	Geo. L. Spangler
Just W. Clemons	Harry B. Howe	Wm J. Welch
Edward Eldridge	Clarence H. Judson	Elbert A. Whitney
Wm C. Couchant	Wm S. Lannstein Jr.	Wm K. Leule
Geo. S. French	Albert L. Nichols	Wm A. Kinnaman
Geo E. Haucom	Wm R. Rumber	Albert C. Brown

The above preamble and resolutions were adopted by Ays and now as follows: Ays Messrs Wells, Dewey, McCreey, Rising, Chaublain and Willetts 6; No. none, 0, Absent Gov Alger and Mr Luce 2.

On motion the Secretary was instructed to immediately notify each of these young men of this action.

The Board then took a recess till 2 p.m.

Agricultural College Tuesday Aug. 3rd 1886, 2 p.m.

The Board reassembled with the same members present.

Commencement

It was resolved that the Pres. and Secty. make all useful preparations for commencement with reasonable economy but at the expense of the college so far as may be necessary to save the remaining members of the Senior class from any greater expense on account of the suspension of their class mates.

The Board then adjourned till August 18th.

Henry Reynolds Secy.

Agricultural College Wednesday Aug. 18th 1886, 8.30 am.

The Board met with all the members present except Gov. Alger and Col. McCreey.

M. S.

It was resolved to confer the degree of Master of Science upon Hon. Samuel Johnson, Prof. of Agriculture at the Mich. Ag. Coll.

B. S.

It was resolved to confer the degree of Bachelor of Science upon the following named members of the graduating class

Teacher Joseph B. Cotton	Eng. Fred. C. Davis	Teach Julius S. Dixon
" Orrin O. Dunham	Eng. Richd. W. Edging	Teach Walter E. Gammon
" Jason E. Hammond	Dr. Henry N. Jenner	Eng. Chas. J. Lawson
Seedman George W. Park	Teach Theo. A. Stanley	Teach Miss Jennie A. Towar
Teacher Phillip B. Woodworth	and Frank L. Wriggelsworth.	

It was resolved to confer the honorary degree of Master

20. J.

of Science on David Russell Supt. of the Lansing City Schools and
on Everett Melling M.D. of Lansing

It was resolved to confer the degree of Master of Science upon the Hon. Mr. Kanari of Kagoshima Japan for advanced work in Botany at the Michigan Agricultural College.

Resolved to confer the degree of Master of Science
in Science upon Elisha H. Bailey Jr., Prof. of Horticulture at
the Michigan Agricultural College, Ann Arbor, Mich. M. J. C. Merrell, Librarian
of the Michigan Agricultural College, Ann Arbor, Mich.
Walter W. Remington Class of '80 Pres.

~~Exhibits~~ ~~to~~ ~~the~~ ~~Commission~~ ~~on~~ ~~the~~ ~~Frontier~~ ~~of~~ ~~the~~ ~~United~~ ~~States~~ ~~of~~ ~~America~~ ~~in~~ ~~the~~ ~~Year~~ ~~1899~~ ~~and~~ ~~1900~~ ~~and~~ ~~1901~~ ~~and~~ ~~1902~~ ~~and~~ ~~1903~~ ~~and~~ ~~1904~~ ~~and~~ ~~1905~~ ~~and~~ ~~1906~~ ~~and~~ ~~1907~~ ~~and~~ ~~1908~~ ~~and~~ ~~1909~~ ~~and~~ ~~1910~~ ~~and~~ ~~1911~~ ~~and~~ ~~1912~~ ~~and~~ ~~1913~~ ~~and~~ ~~1914~~ ~~and~~ ~~1915~~ ~~and~~ ~~1916~~ ~~and~~ ~~1917~~ ~~and~~ ~~1918~~ ~~and~~ ~~1919~~ ~~and~~ ~~1920~~ ~~and~~ ~~1921~~ ~~and~~ ~~1922~~ ~~and~~ ~~1923~~ ~~and~~ ~~1924~~ ~~and~~ ~~1925~~ ~~and~~ ~~1926~~ ~~and~~ ~~1927~~ ~~and~~ ~~1928~~ ~~and~~ ~~1929~~ ~~and~~ ~~1930~~ ~~and~~ ~~1931~~ ~~and~~ ~~1932~~ ~~and~~ ~~1933~~ ~~and~~ ~~1934~~ ~~and~~ ~~1935~~ ~~and~~ ~~1936~~ ~~and~~ ~~1937~~ ~~and~~ ~~1938~~ ~~and~~ ~~1939~~ ~~and~~ ~~1940~~ ~~and~~ ~~1941~~ ~~and~~ ~~1942~~ ~~and~~ ~~1943~~ ~~and~~ ~~1944~~ ~~and~~ ~~1945~~ ~~and~~ ~~1946~~ ~~and~~ ~~1947~~ ~~and~~ ~~1948~~ ~~and~~ ~~1949~~ ~~and~~ ~~1950~~ ~~and~~ ~~1951~~ ~~and~~ ~~1952~~ ~~and~~ ~~1953~~ ~~and~~ ~~1954~~ ~~and~~ ~~1955~~ ~~and~~ ~~1956~~ ~~and~~ ~~1957~~ ~~and~~ ~~1958~~ ~~and~~ ~~1959~~ ~~and~~ ~~1960~~ ~~and~~ ~~1961~~ ~~and~~ ~~1962~~ ~~and~~ ~~1963~~ ~~and~~ ~~1964~~ ~~and~~ ~~1965~~ ~~and~~ ~~1966~~ ~~and~~ ~~1967~~ ~~and~~ ~~1968~~ ~~and~~ ~~1969~~ ~~and~~ ~~1970~~ ~~and~~ ~~1971~~ ~~and~~ ~~1972~~ ~~and~~ ~~1973~~ ~~and~~ ~~1974~~ ~~and~~ ~~1975~~ ~~and~~ ~~1976~~ ~~and~~ ~~1977~~ ~~and~~ ~~1978~~ ~~and~~ ~~1979~~ ~~and~~ ~~1980~~ ~~and~~ ~~1981~~ ~~and~~ ~~1982~~ ~~and~~ ~~1983~~ ~~and~~ ~~1984~~ ~~and~~ ~~1985~~ ~~and~~ ~~1986~~ ~~and~~ ~~1987~~ ~~and~~ ~~1988~~ ~~and~~ ~~1989~~ ~~and~~ ~~1990~~ ~~and~~ ~~1991~~ ~~and~~ ~~1992~~ ~~and~~ ~~1993~~ ~~and~~ ~~1994~~ ~~and~~ ~~1995~~ ~~and~~ ~~1996~~ ~~and~~ ~~1997~~ ~~and~~ ~~1998~~ ~~and~~ ~~1999~~ ~~and~~ ~~2000~~ ~~and~~ ~~2001~~ ~~and~~ ~~2002~~ ~~and~~ ~~2003~~ ~~and~~ ~~2004~~ ~~and~~ ~~2005~~ ~~and~~ ~~2006~~ ~~and~~ ~~2007~~ ~~and~~ ~~2008~~ ~~and~~ ~~2009~~ ~~and~~ ~~2010~~ ~~and~~ ~~2011~~ ~~and~~ ~~2012~~ ~~and~~ ~~2013~~ ~~and~~ ~~2014~~ ~~and~~ ~~2015~~ ~~and~~ ~~2016~~ ~~and~~ ~~2017~~ ~~and~~ ~~2018~~ ~~and~~ ~~2019~~ ~~and~~ ~~2020~~ ~~and~~ ~~2021~~ ~~and~~ ~~2022~~ ~~and~~ ~~2023~~ ~~and~~ ~~2024~~ ~~and~~ ~~2025~~ ~~and~~ ~~2026~~ ~~and~~ ~~2027~~ ~~and~~ ~~2028~~ ~~and~~ ~~2029~~ ~~and~~ ~~2030~~ ~~and~~ ~~2031~~ ~~and~~ ~~2032~~ ~~and~~ ~~2033~~ ~~and~~ ~~2034~~ ~~and~~ ~~2035~~ ~~and~~ ~~2036~~ ~~and~~ ~~2037~~ ~~and~~ ~~2038~~ ~~and~~ ~~2039~~ ~~and~~ ~~2040~~ ~~and~~ ~~2041~~ ~~and~~ ~~2042~~ ~~and~~ ~~2043~~ ~~and~~ ~~2044~~ ~~and~~ ~~2045~~ ~~and~~ ~~2046~~ ~~and~~ ~~2047~~ ~~and~~ ~~2048~~ ~~and~~ ~~2049~~ ~~and~~ ~~2050~~ ~~and~~ ~~2051~~ ~~and~~ ~~2052~~ ~~and~~ ~~2053~~ ~~and~~ ~~2054~~ ~~and~~ ~~2055~~ ~~and~~ ~~2056~~ ~~and~~ ~~2057~~ ~~and~~ ~~2058~~ ~~and~~ ~~2059~~ ~~and~~ ~~2060~~ ~~and~~ ~~2061~~ ~~and~~ ~~2062~~ ~~and~~ ~~2063~~ ~~and~~ ~~2064~~ ~~and~~ ~~2065~~ ~~and~~ ~~2066~~ ~~and~~ ~~2067~~ ~~and~~ ~~2068~~ ~~and~~ ~~2069~~ ~~and~~ ~~2070~~ ~~and~~ ~~2071~~ ~~and~~ ~~2072~~ ~~and~~ ~~2073~~ ~~and~~ ~~2074~~ ~~and~~ ~~2075~~ ~~and~~ ~~2076~~ ~~and~~ ~~2077~~ ~~and~~ ~~2078~~ ~~and~~ ~~2079~~ ~~and~~ ~~2080~~ ~~and~~ ~~2081~~ ~~and~~ ~~2082~~ ~~and~~ ~~2083~~ ~~and~~ ~~2084~~ ~~and~~ ~~2085~~ ~~and~~ ~~2086~~ ~~and~~ ~~2087~~ ~~and~~ ~~2088~~ ~~and~~ ~~2089~~ ~~and~~ ~~2090~~ ~~and~~ ~~2091~~ ~~and~~ ~~2092~~ ~~and~~ ~~2093~~ ~~and~~ ~~2094~~ ~~and~~ ~~2095~~ ~~and~~ ~~2096~~ ~~and~~ ~~2097~~ ~~and~~ ~~2098~~ ~~and~~ ~~2099~~ ~~and~~ ~~2100~~ ~~and~~ ~~2101~~ ~~and~~ ~~2102~~ ~~and~~ ~~2103~~ ~~and~~ ~~2104~~ ~~and~~ ~~2105~~ ~~and~~ ~~2106~~ ~~and~~ ~~2107~~ ~~and~~ ~~2108~~ ~~and~~ ~~2109~~ ~~and~~ ~~2110~~ ~~and~~ ~~2111~~ ~~and~~ ~~2112~~ ~~and~~ ~~2113~~ ~~and~~ ~~2114~~ ~~and~~ ~~2115~~ ~~and~~ ~~2116~~ ~~and~~ ~~2117~~ ~~and~~ ~~2118~~ ~~and~~ ~~2119~~ ~~and~~ ~~2120~~ ~~and~~ ~~2121~~ ~~and~~ ~~2122~~ ~~and~~ ~~2123~~ ~~and~~ ~~2124~~ ~~and~~ ~~2125~~ ~~and~~ ~~2126~~ ~~and~~ ~~2127~~ ~~and~~ ~~2128~~ ~~and~~ ~~2129~~ ~~and~~ ~~2130~~ ~~and~~ ~~2131~~ ~~and~~ ~~2132~~ ~~and~~

St. Louis
Cape Girardeau
The South

The following resolution defining the relative status of ~~References~~ Carpenter and Mc South were adopted.

1000

and the Secretary were authorized to examine microscopie slides of minute anatomical structures.

The Secretary was authorized to have constructed at the Bureau a liquid measure tank 18 x 6 x 4 at an expense of not to exceed \$30.00.

1. The Board then adjourned to attend the Commencement exercises.

Agincourt College August 17th 1886, 2 p.m.

The Board proceeded with the same members present as in the morning.

They have no authority to make an experi-
ment in such a manner as proposed by him.

along the shore using student labor and expending
back amount to the President and Secretary's new direct.

It was decided that when the Board adjourn it be
to meet at the next time in Jackson Tuesday Sept.
10th 1876 at 2.00 pm.

1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689

...the recording were instructed I have

Gr. H. water pipe Relaid before winter. the water main from tank to Green House grounds with 2 1/2 inch pipe and 6 or 7 plugs
 Stanley It was resolved that the subject matter of experiments which Mr J. A. Stanley desires to make relative to the influence of feed on milk cows be referred to Prof. Johnson with power to act.
 The Board then adjourned to Sept. 14th
 Henry G. Reynolds Secy.

Jackson Sept. 14th 1886 7.30 pm Nund House
 The Board met pursuant to adjournment, all present but Col. McCreery and Gov. Alger.
 President Wells made a statement of Mr Badcock's gift of \$150.00 to the college.
 It was resolved that the thanks of this Board be tendered to Mr Badcock for his generous gift and that the ^{sum} be temporarily used for the erection of a flag staff before the armory building and ultimately to an alcove in the library to be filled with the English classics with a tablet expressing the wish of the donor to recognize the benefit received by him while at this institution.

Cedar River Bridge It was resolved that a second abutment, like the first, be erected for the bridge over Cedar River.
 The Board continued in attendance upon the State Fair and adjourned subject to call of the President
 Henry G. Reynolds Secy.

Laurens Monday Nov. 29th 1886

The Board met at the Capitol this evening, present President Wells and Messrs McCreery Dewey Chamberlain Rising Wells & the Secy; absent Gov. Alger and Mr Luce.

Faculty There were also present of the college Faculty Profs Kedzie, Cook, Beal, Johnson, ^{MacEwan} Trauger, Bailey & McLouth

The reading of the minutes was dispensed with

College Health Inspection Dr Kedzie made a statement of the causes of ill health at the College during the past season and suggested the appointment of some one whose duty it should be to look after the preservation of healthful conditions.

McLouth, Report Prof McLouth presented a report of his visit to eastern Mechanical Schools which is printed in full in the annual report of the Board of Agriculture for 1886 on pp 1v to 1x.

Prof. Johnson made suggestions as to sale of cattle in the coming spring. Students are working alternate weeks very satisfactorily. A \$150.00 premium awarded by the State Agricultural Society had been returned. The Board adjourned to the morning.

Lansing, Mich. Tuesday Nov. 30, 1886, 8 a.m.

The Board met for adjournment with the same members present as last meeting.

The Journal being presented and was given opportunity to ~~admit~~ the petition of the 18 suspended students for an abatement of sentence. The petition was placed on file.

The Minutes of the meeting of Sept 14th at Jackson were read and approved.

The balance of the morning was spent in discussion of the estimates after which a recess was taken till 7 p.m. the afternoon being spent at the college.

Lansing Nov. 30, 7 p.m.

The Board re-assembled with the same members present.

President Willits and Prof. Johnson were appointed as special committee on cattle sale.

The rest of the evening till adjournment was spent in consideration of the estimates.

Lansing Dec 1st 1886, 8.30 a.m.

The consideration of the estimates was continued. A letter from Mr. Luce explaining occasion of his absence was presented and read.

It was resolved that Mr. Dewey and the Secretary be a committee to consult with well men and to let a contract at their option for making a deep well.

It was resolved that Mr. Chamberlain and Col. McSorcery be a special committee on legislation affecting the college before the next session of the legislature.

It was resolved that President Willits be a committee to see Gov. Alger and Governor-elect Luce with reference to the estimates and needs of the Agricultural College for the ensuing two years.

It was resolved that the petition of the suspended students be laid over till some future meeting and that the Secretary be instructed to notify Mr. Luce that the Board were so fully occupied with the legislative estimates that they were unable to consider the question at this meeting.

It was resolved that the Committee on Legislation be instructed to secure if possible the passage of a bill making graduates of the Agricultural College who have had two years instruction in Military Tactics, lieutenants in the State Military Service, a bill similar to that relative to the Orchard Lake Military Academy.

The Board adjourned to 1.30 p.m.

Lansing, Mich. Wednesday Dec. 1st, 1.30 p.m. 1886
 The Board reconvened with the same members present
 except President Willits.

The committee on Institutes reported the following
 scheme which was adopted.

Institutes

Arroyo, Crawford county, Jan. 31
 and Feb. 1. Dr. Kedzie, Profs. Beal and
 McLouth, President Willits and Secretary
 Reynolds.
 Fremont, Newaygo county, Feb. 3 and
 4. Profs. Beal and Johnson, Dr. Kedzie,
 President Willits and Secretary Rey-
 nolds.
 Hanover, Jackson county, Feb. 7 and
 8. Profs. McLouth, Grange and Bailey,
 President Willits and Secretary Rey-
 nolds.
 Three Oaks, Berrien county, February
 10 and 11. Profs. Johnson, Cook and
 Grange, President Willits and Secretary
 Reynolds.
 Bancroft, Shiawassee county, Feb. 14
 and 15. Profs. Cook, Carpenter and
 McEwan, President Willits and Secre-
 tary Reynolds.
 Charlotte, Eaton county, Feb. 16 and
 17. Profs. Bailey, McEwan and Carpen-
 ter, President Willits and Secretary Rey-
 nolds.

It was resolved that the State Board of Agriculture make
 application to the Secretary of the Navy to detail a naval officer
 to give instruction in practical mechanics at the Michigan
 State Agricultural College and that the Hon. Henry Chamber-
 lain and President Edwin Willits be a committee to present
 this application to the Secretary of the Navy.

The Board then adjourned sine die

Henry Reynolds Secretary

Following are the estimates as prepared for submission to
 the Legislature.

ESTIMATE OF APPROPRIATIONS.

FOR THE STATE AGRICULTURAL COLLEGE FOR 1887-1888.

FARM DEPARTMENT.

Drainage and permanent improvements.....	\$800 00	
Iron bridge over Cedar river.....	1,400 00	
Filling approach to bridge.....	300 00	
Improvement of stock.....	1,000 00	
Hand implements.....	200 00	
Two-horse cultivator.....	35 00	
Two sets harness.....	50 00	
Two plows.....	30 00	
Lumber for fencing and repairs.....	300 00	
Furniture and fixtures for farm house.....	400 00	
Twelve-horse-power engine and boiler.....	500 00	
Apparatus for class room.....	300 00	
Experimental work.....	1,000 00	\$6,315 00

MECHANICAL DEPARTMENT.

Shaping machine.....	\$250 00	
Hand tools.....	250 00	
Blacksmith tools.....	100 00	
Material for work in iron shops.....	1,000 00	
Material for work in wood shops.....	1,000 00	
Twelve-horse-power engine.....	350 00	
Lathes for workshop.....	150 00	
Gas machine.....	200 00	
Mechanical and physical apparatus.....	1,000 00	\$4,300 00

MATHEMATICAL AND ENGINEERING DEPARTMENT.

Compass, chains and pins.....	\$65 00	
Drawing instruments.....	25 00	
Drawing models and copies.....	60 00	
Testing machine.....	500 00	
Casts for drawing.....	20 00	
Curtains.....	20 00	\$690 00

HORTICULTURAL DEPARTMENT.

Team and harness.....	\$300 00	
Market wagon.....	60 00	
Horse lawn mower.....	75 00	
Horse lawn rake, made to order.....	30 00	
Plow.....	\$15 00	
Acme harrow.....	35 00	
3,000 lb. roller.....	40 00	
Hand cart.....	10 00	
Three hand lawn mowers.....	51 00	
One dozen wheelbarrows.....	20 00	
Garden wheelbarrow.....	3 00	
Fifty steel rakes.....	20 00	
Two dozen lawn rakes.....	6 00	
Fifty hoes.....	16 00	
One dozen sod cutters.....	4 00	
Two apple presses.....	2 00	
One dozen axes and helves.....	12 00	
Photographic apparatus.....	40 00	
Carpenters' tools.....	25 00	
Ornamental plants.....	100 00	
Fruit plants.....	100 00	
Drain tile.....	36 00	\$1,000 00

GREENHOUSE.

Plants and flowers.....	\$300 00	
100 ft. hose with couplings.....	15 00	
Tools.....	25 00	\$340 00

BOTANICAL DEPARTMENT.

Grasses, etc., for botanical garden.....	\$50 00	
Herbarium.....	100 00	
Museum cases.....	200 00	
Bottles, Index clock and apparatus.....	100 00	
Experimental work for bulletins.....	100 00	\$550 00

STEAM WORKS.

Repairs for two years.....	\$1,000 00	
Two new boilers and setting of same.....	1,500 00	
Extension of chimney.....	800 00	
Fireman two years.....	720 00	
Engineer two years.....	1,000 00	\$5,020 00

VETERINARY DEPARTMENT.			REPAIRS OF BUILDINGS AND GROUNDS.	
Models, tables, etc.....	\$400 00	\$400 00	Painting and repairs of greenhouse.....	\$600 00
CHEMICAL DEPARTMENT.			Addition to greenhouse dwelling.....	350 00
Experiments and apparatus.....	\$2,000 00	\$2,000 00	Addition to Prof. Cook's dwelling.....	200 00
ZOOLOGICAL DEPARTMENT.			Addition to Secretary's dwelling.....	500 00
Preparation and preservation of specimens.....	\$250 00		Addition to and repairing Prof. Carpenter's dwelling.....	300 00
General museum additions.....	500 00		Woodshed for and repairing Prof. MacEwan's dwelling.....	200 00
Apiary.....	1,000 00	\$1,750 00	Repairing Prof. Johnson's dwelling.....	150 00
			Repairing Prof. McLouth's dwelling.....	50 00
			Repairing Prof. Bailey's dwelling.....	50 00
			Incidental repairs.....	1,000 00
			Culvert and embankment in place of rustic bridge.....	500 00
				\$3,900 00
ENGLISH DEPARTMENT.			NEW BUILDINGS.	
Dictionary, charts, etc.....	\$100 00	\$100 00	Barn for horticultural department.....	\$500 00
MILITARY DEPARTMENT.			Laboratory for horticultural department.....	8,300 00
Fitting up drill room and armory.....	\$500 00	\$500 00	Addition to mechanical building.....	3,000 00
LIBRARY.			Barn at Prof. McLouth's house.....	300 00
Books, etc., two years.....	\$3,000 00	\$3,000 00	Dormitories and boarding arrangements for 64 students.....	12,000 00
FARMERS' INSTITUTES.			Apartment building for professors and their families.....	10,000 00
Expenses two years.....	\$600 00	\$600 00	Extending water works system.....	3,000 00
			Artesian well.....	1,000 00
				\$38,100 00
			STUDENT LABOR.	
			For two years @ \$4,000.....	\$8,000 00
			Supervision of same.....	3,000 00
				\$11,000 00
			TOTAL.....	\$77,565 00

Lansing Michigan Thursday Feb 24th 1887
Office of Board of Agriculture at the Capitol 7.30 pm.

The Board met at the call of the President; present President Wells, Messrs McCreery Chamberlain Rising and Garfield, Gov. Lucie Post Mills and Secretary Reynolds, the full board.

On motion of Col. McCreery it was unanimously voted that the Officers of Michigan State Board of Agriculture organize itself by the election of Hon. Franklin Wells as President of the Board.

On motion Henry L. Reynolds was elected Secretary of the Board for two years.

The Secretary presented a communication from Gov. Lucie announcing the vacation by him of his position by appointment on the Board incident to his entrance upon the duties of the Governorship.

Hon. Geo. Horton
elected

On motion the Board proceeded to elect by ballot a member to fill the vacancy thus announced. The ballot resulted in seven votes as follows: Hon. Thos. D. Dewey of Owosso. 1 vote. James McMillan of Detroit 1 vote, George B. Horton of Spuit Ridge Lenawee Co. 5 votes. Mr. Horton having received a majority of all the votes cast was declared elected.

Signal Ser. Com.

On motion of Mr. Chamberlain it was resolved that a committee on signal service be added to the regular standing committees of the Board.

Standing Coms.

It was resolved that the President of the Board appoint the standing committees of the Board and that he be ex officio a member of each of such committees.

Leonger & Nimmo

On motion Sergeant Norman B. Leonger was appointed Director of the Michigan State Weather Service for 1887 and 1888, and E. Herbert Nimmo Assistant Director of the same under the act of the Legislature, to continue during the pleasure of the Board, and to date from the 10th inst. Board adjourned to meet at the College at 9 a.m.