

MEETING OF THE STATE BOARD OF AGRICULTURE

President's Office

Nov. 22nd, 1916.

11:00 o'clock A. M.

Present, President Kedzie, Messrs. Graham, Doherty, Waterbury and Woodman.

The minutes of the previous meeting having been in the hands of the members, were approved without reading.

On motion of Mr. Graham, the Chairman of the Board and the Secretary were directed to deed to the Public Domain Commission for a consideration of \$1.00, the following described lands, being a tract of land located near Grayling and formerly used for experimental purposes by the College; to wit, the W. $\frac{1}{2}$ of the N.E. $\frac{1}{4}$ of Section 17, T. 26 N., R. 3 W.

Grayling
lands deeded
to Public
Domain Com.

On motion of Mr. Woodman, the request of Prof. Geo. A. Brown for himself and Mr. Edwards to accompany the senior class to the International Live Stock Exposition at Chicago Dec. 4th to 6th, and also to attend the American Society of Animal Production at the University of Illinois, Dec. 1st and 2nd, was approved, total expenses being allowed for the former and transportation for the latter.

To attend
meetings.

On motion of Mr. Doherty, the employment of Mr. Robert Mackie as Herdsman in charge of Live Stock at Barns at a salary of \$840.00 and house, beginning Jan. 1st, 1917, was approved.

Mackie hired

On motion of Mr. Woodman, the recommendation of Dr. Bessey as to the employment of Ezra Levin beginning July 1st next, was approved, and the matter of arranging his line of work and department relationship was referred to a committee consisting of Mr. Woodman, the President and Secretary.

Levin hired

On motion of Mr. Doherty, the requests of Dr. Giltner for permission to attend the annual meeting of the United States Live Stock Sanitary Association ~~and the Society of Amer~~ to be held in Chicago the first week in December; and of Dr. Lyman for permission to attend the meeting of the United States Live Stock Sanitary Association and the Association of State and Provincial Veterinary Colleges to be held at the same place, were approved with only traveling expenses paid.

Dr. Giltner
& Dr. Lyman
to attend
meetings.

On motion of Mr. Doherty, the request of Prof. Clark for an additional student assistant in the Chemical Department for a portion of the year at \$70.00 per month to be paid from department funds, was approved.

Student Asst
for Chem.
Dept.

On motion of Mr. Graham, the application of the Delphic Society for relief from paying the bill for redecorating their rooms in Wells Hall, was denied.

Request of
Delphic
Society
denied.

On motion of Mr. Doherty, the following report from Prof. Eustace in relation to a conference with Mr. Chas. E. Greening, was received.

During the past summer, Mr. Charles E. Greening, President of the Greening Nursery Company of Monroe, has been active in creating a propaganda for the appointment of a State Commissioner of Horticulture. To determine just what his interest in doing this might be, Mr. Greening was visited by President Kedzie and myself on October 26th. Upon inquiring of him what duties he thought a Commissioner of Horticulture should be charged with, he handed out the attached sheet. After going over each item on this sheet, it was pointed out that many of these lines of proposed work are now being looked after by the various departments of this College. Some of the others could properly be looked after by horticultural extension workers and it is hoped this may be done as soon as sufficient funds are available.

Mr. Greening was very frank in his criticism of what he termed the lack of efficient work in orchard and nursery inspection and this seems to be the most important reason he had for wanting a State Commissioner of Horticulture; apparently that this officer might enforce the orchard and nursery inspection laws better than he claims they have been enforced. He cited instances where his company has been unable to secure relief from old and scale infested orchards adjacent to their nursery property.

The orchard and nursery inspection duties in this State certainly are very large and are rapidly becoming heavier every year and unquestionably, should have the entire time of a capable man with enough assistants or deputies.

*Items of Interest That May Be Taken Up By a Commission
of Horticulture to Promote the Horticultural Interests of
the State of Michigan.

Co-operation with M. A. C.
Enforcing the laws for better packing.
Enforcing the laws of honest grading.
Enforcing the laws on standard fruit packages.
Correcting defects of present laws on orchard and Nursery Inspection.
Handling of exhibitions of fruit products.
Advertising.
The Family Orchard.
The Commercial Orchard.
Civic improvements.
Home ground beautification.
Rural art.
Encouraging forestry planting.
Educational work on spraying, pruning, packing, inter-cropping, fertilizing, cultivation, etc.
Best varieties for Michigan.
Retail price and consumption.
Control of insect pests.
Control of fungus diseases.
Local marketing of fruit.
co-operative marketing and handling of fruits and vegetables.
Better transportation facilities.
Iced cars for fruit shipment.
Standardizing of fruit packages.
Standardizing system of grading.
Demonstrative lectures.
Economics of fruit advertising.
Canning factories.
Assisting horticultural societies.
Assisting development bureaus.
Assisting Michigan Agricultural College.
Assisting garden and nature clubs.
Introducing horticulture into schools.
Cooperate with Board of Commerce organizations.
Organizing horticultural societies.
Instructions for orchards that have been injured by cold winters.
Encourage the study of nature.
Best methods of selling fruit.
Fruit selling agents.
Publishing market prices.
Handling the crop.
Commission men.
Exportation of fruit products.
Regulation of dealers in Nursery Stock.
Assist the grower who fails.
Market reports.
Pure spraying chemicals.
Inter-state commerce.
Distribution and methods of markets.
Michigan fruit lands.
Make Michigan greatest apple producing state.
Freight rates.

Report of
conference
with Mr.
Chas. E.
Greening.

Quick fruit transportation.
 Liabilities of railroads for neglect and delay.
 Labelling fruit packages.
 Information Bureau on available fruit lands.
 Promoting colonization of Northern Michigan lands.
 Appointment of deputies in each county.
 Assisting farmers institutes."

On motion of Mr. Doherty, Mr. F. W. Fabian was employed as Instructor in Bacteriology in place of Mr. W. L. Kulp resigned, at a salary of \$1200.00 beginning Jan. 1st.

F.W.Fabian
 employed
 Instr.Bact.

The President presented a report from Ezra Levin upon muck crop investigation.

On motion of Mr. Graham, the recommendation of Prof. Pettit that Mr. B. F. Kindig be appointed State Inspector of Apiaries and Instructor in Beekeeping, to succeed Mr. F. E. Millen who has resigned, his appointment to take effect Jan. 1st and his salary to be \$1000.00 paid from the State appropriation for inspection work and \$400.00 from the College for his work as Instructor, was approved.

B.F.Kindig
 employed
 Instr.in
 Beekeeping

On motion of Mr. Doherty, the request of Prof. Steward that Miss Caroline Holt be given leave of absence for the winter term on full pay, was approved.

Miss Holt
 leave of
 absence

On motion of Mr. Doherty, the suggestion of the President that a pamphlet descriptive of the work of this College as at present carried on, be prepared for distribution to members of the Legislature and others, was approved.

Pamphlet on
 college
 work to be
 prepared'

On motion of Mr. Woodman, the report of Dean Bissell in regard to engineering experiment stations at land grant colleges, was received and ordered spread upon the minutes.

Report
 frm.Dean
 Bissell
 in refer-
 ence to
 engineer-
 ing exp-
 eriment
 stations.

November 22, 1916.

Dr. F. S. Kedzie, President,
 Michigan Agricultural College.

My dear Mr. President:

I am asking your attention and that of the Board of Agriculture to the subject of Engineering Experiment Stations at the land grant colleges and universities.

A brief history of this measure is in order.

At the instance of the program committee for the meeting of the Land Grant College Engineering Association (L.G.C.E.A.) which was held in Berkeley, California, in August, 1915, and with the approval of the officers of the Association of American Agricultural Colleges and Experiment Stations (A.A.A.C.E.S.) into which the L.G.C.E.A. has now been merged as its Engineering Division, Hon. F. G. Newlands, U. S. Senator from Nevada, addressed both bodies on "Federal Aid to Engineering Experiment Stations," (Proc. 29th Annual Convention, A.A.A.C.E.S. p.146) strongly advocating legislation for such aid.

At a separate meeting of the L.G.C.E.A., Prof. L. O. Waller of the State College of Washington presented a proposal for the form of a bill providing, on lines similar to those of the Hatch Act of 1887, for federal appropriations for the establishment and maintenance of engineering experiment stations at those institutions benefited by the Morrill Act of 1862 and acts supplemental thereto.

Both organizations unanimously endorsed the idea and instructed their executive committees to "get busy."

The executive committee of the L.G.C.E.A. took the initiative, and Dean A. A. Potter of Kansas, as Secretary of the L.G.C.E.A., and the undersigned as President, by correspondence with others of the committee formulated a tentative bill for the purpose in hand.

On January 28, 1916, I met Dean Potter by appointment in Chicago. We gave the measure careful consideration and the form in which it was introduced into the U. S. Senate by Senator Newlands on March 6, 1916.

The Senate referred the bill to its Committee on Agriculture and Forestry.

The committee granted a hearing on June 24, 1916, at which Dean Potter, Prof. F. H. Newell of Illinois, Prof. G. R. Chatburn of Nebraska, Dean E. T. Coddington of Ohio, Prof. F. F. Thompson of New Jersey and Dean D. W. Spence of Texas spoke in behalf of the measure, and written communications were received of the same tenor from Hon. J. P. Jackson of Pennsylvania, the Naval Consulting Board, the Bureau of Mines, W. R. Whitney of the General Electric Co. and others.

However, the bill was not advanced by the Committee, but the publicity given by the hearing attracted attention and interest to such an extent that the subject of federal aid was given an important place in the program of the A.A.A. C. & E.S. at its meeting in Washington last week.

Dean Marston, of Iowa, opened with a masterly paper and active discussion followed, participation being invited from opponents of the Newlands bill.

Before adjournment the Association voted unanimous approval of the Newlands bill in principle and instructed its executive committee to use every practicable effort to secure its enactment into law.

Also, a committee was appointed to meet in New York on Saturday last, representatives of the National Research Council and of the Association of State Universities (which is chiefly responsible for opposition to the bill) for the discussion of the measure. The undersigned was one of the delegation.

The meeting lasted three hours. The results are, I presume, ~~the~~ strengthened convictions for both sides, the National Research Council being neutral.

The significance of the opposition of the American Association of State Universities lies in the fact that about fifteen years ago it defeated the McKinley bill, which designed to give federal aid to engineering experiment stations on much the same plan as does the Newlands bill.

It is unnecessary here to discuss the motives which prompt the opposition. The essential point is to admit the strength of the opposition and to combat it.

A copy of the Newlands bill, S. 4874, is appended hereto. Briefly it provides for the appropriation of \$15,000.00 annually to each land grant institution for the establishment and maintenance of an engineering experiment station to conduct "researches or experiments bearing directly on the various industries and occupations of the people" as may seem advisable or desirable in the respective States and Territories.

The effect of the bill in my opinion will be to round out the usefulness of the engineering departments of the land grant colleges as the Hatch Act enabled the agricultural departments to better fulfill their mission, and thereby contribute to the development of our nation's resources, to promotion of greater efficiency in times of peace and consequently in times of stress.

I believe that greater immediate value to the states and to the nation will follow the passage of the Newlands bill than followed the Hatch Act because the activities which it will promote can be launched and carried to successful issue in the light of twenty-nine years of experience under the Hatch Act, which experience is an open book.

Moreover, I feel certain that one effect of the Newlands bill will be new life to the spirit of cooperation between agriculture and mechanic arts, which has lately been characteristic of the land grant colleges.

I recommend that the authorities of this College support with all their power the Executive Committee of the A.A.A.C.E.S. in its effort to have the Newlands bill enacted into law.

Specifically, I suggest that the members of the Michigan congressional delegation be made acquainted with the bill and its importance to the welfare of the land grant colleges of this country.

It is needless to say that my interest in the bill is great, backed as it is by the belief that M.A.C. in particular should have an engineering experiment station, and that I hold myself ready to help the movement in every possible way.

Yours truly,
(Signed) G.W. Bissell,
Dean of Engineering.

On motion of Mr. Graham, \$225.00 was added to the appropriation of the department of History to take care of stenographic help.

Additional apportionment for History.

On motion of Mr. Woodman, the expense accounts of the Bard Members and the Secretary were approved.

On motion adjourned.

Arthur M. Brown
Secretary.

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MEETING OF THE STATE BOARD OF AGRICULTURE

Downey House

January 10, 1917.

1:00 O'clock P.M.

Present, President Kedzie, Messrs. Graham, Waterbury, Doherty and Woodman.

The minutes of the previous meeting having been in the hands of the members, were approved without reading.

On motion of Mr. Doherty, the appropriation for Farmers Institutes under the Extension Division, was made \$7500.00.

Institute appropriation.

On motion of Mr. Doherty, the plan for organizing the Michigan Crop Improvement Association Cooperative Demonstrations as recommended by Director Baldwin, being plan No.1 as suggested by Mr. J. W. Nicolson, was approved with a proviso that the fee be made 75¢ and that this must cover the entire expense of furnishing seeds.

Mich. Crop Improvement Asso. Co-Op. Demon.

On motion of Mr. Graham, the recommendation of Architect Bowd that work on the gymnasium building be discontinued during cold weather, was approved.

Gym. work to cease.

On motion of Mr. Doherty, the recommendation of Dr. Bessey that the laboratory fee for Botany 12 be refunded under certain conditions, was approved.

Botany fee refunded.

On motion of Mr. Doherty, the application of the Forensic Literary Society for permission to occupy the rooms in Williams Hall now used by the Eunoian Society after the latter shall have given them up, was approved.

Rooms granted Forensics

On motion of Mr. Graham, Mr. R. W. Peterson was appointed as an experiment station investigator in seed production in connection with the Horticultural Department at a salary of \$1200 per annum beginning January 1st.

R.W. Peterson employed.