

MEETING OF THE STATE BOARD OF AGRICULTURE

President's Office

June 7th, 1911.....2 o'clock P. M.

Present, President Snyder, Messrs. Graham, Waterbury and Oberdorffer.

No quorum being present, the meeting was adjourned.

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MEETING OF THE STATE BOARD OF AGRICULTURE

President's Office

July 12th, 1911.....2 o'clock P. M.

Present, President Snyder, Messrs. Graham, Wallace, Doherty and Waterbury.

The minutes of the previous meeting were read and approved.

On motion of Mr. Doherty, the question of the removal of a clump of evergreen trees in front of the agricultural building, was referred to Prof. Eustace and President Snyder with power to act.

Evergreens
in front of
Ag. Bldg.

On motion of Mr. Graham, the salaries of C. S. Robinson, Chas. W. Brown, and F. A. Spragg were made \$1350.00 each beginning September 1st.

Salaries
increased

On motion of Mr. Wallace, the salary of Mr. E. G. Fischer, instructor in English, was made \$1000.00 beginning September 1st, and Mr. Chas. W. Chapman was appointed Assistant Professor of Physics and Electrical Engineering at a salary of \$1300.00 per annum.

Chas. Chapman
Asst. Prof.
of Physics &
E.E. Salary
increased.

On motion of Mr. Waterbury, Prof. Pettit was authorized to make a trip to New England to study the Gypsy and brown-tailed moths and methods of destroying them.

Prof. Pettit
-trip to
N.E.

On motion of Mr. Doherty, Mr. Myers was allowed not to exceed \$50.00 railroad expenses while visiting various institutions to study their methods relating to his work.

Myers
allowed
\$50.00

On motion of Mr. Graham, the indemnity bond of the City National Bank was approved and placed on file.

City Nat'l
Bank bond
approved.

On motion of Mr. Wallace, the recommendation of the Upper Peninsula Experiment Station committee as previously made, viz., that all timber on the original 160 acres, with the exception of 20 acres reserved, be cut, the brush burned, and the land seeded, was approved.

Recommendation
in re
U.P. Station
approved.

The motion of Mr. Waterbury that the clearing on lands deeded by the Cleveland-Cliffs Iron Company be burned over and seeded as soon as the wood is removed, was adopted.

U.P. lands to
be burned &
seeded.

Supt. for
U.P. Sta-
tion.

On motion of Mr. Wallace, the matter of the appointment of a superintendent at the Upper Peninsula Experiment Station was referred to Director Shaw and President Snyder with power to act.

On motion of Mr. Doherty, the following apportionments were adopted:

FOR THE SIX MONTHS ENDING DECEMBER 31st, 1911.

Semi-annual
apportion-
ments al-
lowed.

| | |
|------------------------------|-----------|
| Advertising..... | \$1500.00 |
| Animal Husbandry..... | 1500.00 |
| Agricultural Education..... | ----- |
| Athletics..... | ----- |
| Bacteriological..... | 1500.00 |
| Botany..... | 900.00 |
| Chemistry..... | 2500.00 |
| Dairy Husbandry..... | 1500.00 |
| Contingent Building..... | ----- |
| Cleaning..... | 1600.00 |
| Civil Engineering..... | 400.00 |
| College Extension | 1300.00 |
| Electric Lighting..... | 2500.00 |
| Farm Crops..... | 400.00 |
| Dean's Office..... | 840.00 |
| Drawing..... | 275.00 |
| Heating..... | 15000.00 |
| English..... | 200.00 |
| Entomology..... | 590.00 |
| Farm Mechanics..... | 800.00 |
| Farm & Horses..... | 1000.00 |
| Forestry..... | 1500.00 |
| History..... | 72.00 |
| Home Economics..... | 750.00 |
| Horticultural..... | 3200.00 |
| Library..... | 1915.00 |
| Mathematics..... | 50.00 |
| Mechanical..... | 3800.00 |
| Miscellaneous..... | 2000.00 |
| Meteorology..... | 100.00 |
| Military..... | 390.00 |
| Physics & Electrical Engr... | 1200.00 |
| Poultry..... | 300.00 |
| President's Office..... | 600.00 |
| Record..... | 450.00 |
| Registrar..... | 375.00 |
| Salaries..... | 85000.00 |
| Soils..... | 600.00 |
| Secretary's Office..... | 545.00 |
| Special Courses..... | ----- |
| Telephones..... | 200.00 |
| Veterinary..... | 1000.00 |
| Zoology.. .. | 800.00 |

FOR THE YEAR ENDING JUNE 30th, 1912.

| | |
|--------------------------------------|-------------|
| Upper Peninsula Experiment Station.. | \$4000.00 |
| South Haven Experiment Station..... | 2000.00 |
| Farmers' Institutes..... | 8500.00 |
| Total..... | \$153652.00 |

Coal con-
tract a-
warded.

The matter of coal contract was referred back to the Board, and on motion of Mr. Graham, the proposition of the Pittsburg & Buffalo Coal Company for furnishing the requirements of the College with Nut P and Slack at \$2.50 per ton, was approved upon the basis of the report of the Secretary as to the tests made.

On motion of Mr. Wallace, the Secretary was directed to reserve the right in coal contract to test various coals, and during the year to test the Michigan coals.

The following recommendation of the Experiment Station Council in regard to the titles of Experiment Station workers and the distribution of salaries between station and college, was on motion of Mr. Graham, adopted:

Positions and Titles in Experiment Station.

| | | |
|-----------------|-------------------------------|--|
| | | (President of College.....J.L.Snyder, Ph.D., LL.D. |
| | | (Director.....R.S.Shaw, B.S.A. |
| | | (Scientific and Vice Direct- (or, Bacteriologist).....C.E.Marshall, Ph.D. |
| | | (Entomologist.....R.H.Pettit, N.S.A. |
| COUNCIL | | (Chemist.....A.J.Patten, B.S. |
| Heads of Depts. | | (Soil Physicist.....J.A.Jeffery, B.S. |
| | | (Horticulturist.....H.J.Eustace, B.S. |
| | | (Farm Crops Experimentalist...V.M.Shoesmith, B.S. |
| | | (Dairy Husbandman.....A.C.Anderson, B.S. |
| | | (Forester.....J.F.Baker, M.F. |
| | | (Botanist.....E.A.Bessey, Ph.D. |
| <hr/> | | |
| A | | (Asst.Horticulturist.....C.P.Halligan, B.S. |
| D | | (Asst.Bacteriologist.....Otto Rahn, Ph.D. |
| V | | (Asst. Animal Husbandman.....A.A.Brown, B.S. |
| I | Asst. | (Asst. Entomologist.....Geo. D. Shafer, Ph.D. |
| S | | |
| O | Professors. | |
| R | | |
| Y | | |
| <hr/> | | |
| A | | (Research Asst.in Bacteriology..W.G.Giltner,D.V.M.,M.S. |
| N | Research | (Research Asst.in Bacteriology..C.W.Brown, B.S. |
| D | | (Research Asst.in Pl.Breeding...F.S.Spragg, M.S. |
| | Assistants. | (Research Asst. in Chemistry....C.S.Robinson, M.S. |
| A | | X (Research Asst. in Plant Physiology,..W.H.Brown, Ph.D. |
| S | | (Research Asst. in Plant Pathology....G.H.Coons, A.B., A.M. |
| S | | (Research Asst. in Soil Physics.....Geo.Bouyoucos, Ph.D. |
| I | | (Research Asst.in Bacteriology..F.Hasselink VanSuchtelen, |
| S | | Ph.D. |
| T | | |
| <hr/> | | |
| | | (Asst. in Bacteriology.....L.Z.Northrup, B.S. |
| S | | (Asst. in Entomology.....Eugenia McDaniel, A.B. |
| T | Assistants. | (Asst. in Bacteriology.....W.S.Robbins, B.S. |
| A | | (Asst. in Chemistry.....O.B.Winters°, B.S. |
| F | | (Asst. in Bacteriology.....L.M.Smith°, Ph.B. |
| F | | |
| <hr/> | | |
| | Librarian..... | L.E.Landon. |
| <hr/> | | |
| | Secretary..... | A.M.Brown, A.B. |
| | Cashier..... | J. Schepers. |
| | Bookkeeper..... | L. F. Jenison. |
| | Clerk..... | Maud Meech. |
| | Bulletin Clerk..... | Myra V. Bogue. |
| | Clerk to Dean & Director..... | R. J. Baldwin. |

(°Resigned)

PROJECTS UNDER ADAMS FUND.

1. A study of the bacteriological factors influencing the keeping qualities of milk and butter.

1a. Marshall, Bacteriologist, and Northrup, Asst. in Bacteriology -- Keeping qualities of milk.

1b. Brown, Research Asst., and (Smith), Asst. in Bacteriology -- Keeping qualities of butter.

2. A study of agents--(a) physical, (b) chemical, (c) microbial, (d) vegetable--rendering available the elements of the soil.

2a. Jeffery, Soil Physicist--Soil Temperature.

2b. Patten, Chemist--A study of chemical factors rendering soluble the insoluble phosphates of the soil.

2ba. Robinson, Research Asst. in Chemistry--A study of the nitrogenous compounds in the soil and their variability.

2c. Rahn, Asst. Bacteriologist, and VanSuchtelen, Research Asst.-- A study of microbial factors rendering soluble the insoluble plant food constituents of the soil.

2d. Brown, Research Asst. Botanist--The inter-relationship between the conditions of the soil and of plant protoplasm.

3. A study of very prevalent diseases among animals in Michigan

3a. Marshall, Bacteriologist, and Robbins, Research Asst.-- Swine epidemics.

3b. Giltner, Research Asst.--Contagious Abortion.

4. Some agents instrumental in destroying insects, studied as to their nature and methods of killing.

4a. Pettit, Entomologist--A study of fungus diseases of insects.

4b. Shafer, Research Asst.--A study of insecticides as to the manner in which they kill.

5. Studies in Plant Diseases.

5a. Coons, Research Asst. Plant Pathology--The trunk and twig diseases of the larger fruits.

EXPERIMENT STATION APPORTIONMENTS.

| Position | Salaries | | | Expenses | | | Name. |
|------------------------|----------|------|-----------|----------|------|-----------|-----------------|
| | H'ch | Ad's | St'e Col. | H'ch | Ad's | St'e Col. | |
| Pres. of College..... | 5000 | | | | | | Snyder. |
| Director..... | 1000 | | 2000 | 490 | | 500 | Shaw. |
| Sci., V. Dir. Bact.... | 500 | 500 | 2000 | 880 | 250 | | 3a... Marshall. |
| Entomologist..... | 600 | 200 | 1200 | 590 | 200 | | 4a... Pettit. |
| Chemist..... | 725 | 925 | 350 | 890 | 350 | 1500 | 2b... Patten. |
| Soil Physicist..... | 200 | | 2100 | 100 | | | 2a... Jeffery. |
| Horticulturist..... | 200 | | 1800 | 1290 | | | Eustace. |
| Farm Crops Exp..... | 200 | | 2000 | 1290 | | | Shoesmith. |
| Dairy Husb.man..... | 200 | | 1800 | | | | Anderson. |
| Forester..... | 200 | | 2100 | | | | Baker. |
| Botanist..... | 200 | | 1800 | | | | Bessey. |

| Position | Salaries | | Expenses | | Ad.Pro. | Name. |
|-------------------------------|------------------|-----------------|----------------|----------------|---------|---------------|
| | H'ch | Ad's St'e Col. | H'ch | Ad's St'e Col. | | |
| Asst. Hort..... | 200..... | 1500..... | | | | Halligan. |
| Asst. Bact..... | 450..... | 1350..... | 200..... | | 2c.. | Rahn. |
| Asst. An. Husb..... | 200..... | 1100..... | | | | Brown, G. A. |
| Res. Asst. Entom..... | 1500..... | 300..... | 300..... | | 4b.. | Shafer. |
| Res. Asst. Bact.... | 400..450..... | 850..... | 200..... | | 3b.. | Giltner. |
| " " " | 1100..... | 250..... | 300..... | | 1b.. | Brown, C. W. |
| " "Pl. Breeding..... | 1350..... | | | | | Spragg. |
| " " Chem..... | 1350..... | | 400..... | | 2ba. | Robinson. |
| " " Pl. Phy..... | 900..... | 300..... | 225..... | | | Brown, W. H. |
| " " Pl. Path..... | 450..450..... | 300..290.. | 200..... | | | Coons. |
| " " Soil Phys..... | 1200..... | | 300..... | | | Bouyoucos. |
| " " Bacteriology.... | 1200..... | | 200..... | | 2c.. | VanSuchtelen. |
| Asst. in Bact..... | 250..350..... | 300..... | 200..... | | 1a.. | Northrup. |
| " " Entom..... | 350..... | 500..... | | | | McDaniel. |
| " " Bact..... | 600..... | 600..... | | | | Robbins. |
| " " Chem..... | 600.....400..... | | | | | Winters°. |
| " " Bact..... | 500..... | | | | 1b.. | Smith°. |
| Librarian..... | 120..... | | 735..... | | | Landon. |
| Secretary..... | 500..... | 200..550..... | 300..... | | | Brown. |
| Cashier..... | | 200.1200..... | | | | Schepers. |
| Bookkeeper..... | | 100..650..... | | | | Jenison. |
| Clerk..... | | 125..775..... | | | | Meech. |
| Bulletin Clerk..... | | 600..... | 300..... | | | Bogue. |
| Clerk to Dean and Director... | 500..500..... | | | | | Baldwin. |
| | | | | | | |
| | | 8445.11675.2475 | 6555.3325.2600 | | | |

Hatch = 15000.
Adams = 15000.
° Resigned.

On motion of Mr. Graham, the following students were granted the special certificates provided for in Act No. 165 of the Public Acts of 1909, upon the statement of Prof. French that they had complied with the provisions of the above act:

C. H. Knopf, C. S. Langdon, W. W. Pratchner, Chas. N. Frey, and Geo. E. Watts.

On motion of Mr. Graham, the following fees in the Veterinary Department were authorized:

- Veterinary Anatomy, four terms, at \$4.00 per term.
- Histology, winter term of sophomore year, \$3.00.
- Embryology, fall term of junior year, \$3.00.
- Pharmacy, spring term of sophomore year, \$1.00.
- Surgery Laboratory, spring term of senior year, \$3.00.

The Secretary presented a petition of one hundred and sixty-six members of the six literary societies occupying rooms in Wells Hall which was, on motion of Mr. Doherty, laid on the table until the next meeting.

On motion of Mr. Doherty, the expenses of the Board members were allowed.

On motion, adjourned.


Secretary.