

MEETING OF THE STATE BOARD OF AGRICULTURE.

HOTEL DOWNEY, LANSING.

June 30th, 1909..... 3:15 P.M.

Present:- President Graham, Messrs. Waterbury, Doherty and President Snyder.

No quorum being present, the meeting of the Board was adjourned until July 7th, 1909, at 3:15 P.M.

All Brown, Secy

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

The reading of the minutes was omitted.

Mr. Chilson of the Lansing's Business Men's Association came before the Board to request assistance in repairing the macadam road from Lansing to the college.

On motion of Mr. Doherty, the following resolution was adopted:

RESOLVED, That \$300 be contributed toward the expense of repairing the macadam road from Lansing to the College, the same to be paid from the State fund of the Experiment Station when, in the judgement of the Secretary, it will be available.

On motion of Mr. Wallace, Architect Bowd was instructed to complete the plans for an addition to the Botanical laboratory, and the Secretary was authorized to advertise for bids when the plans were ready.

On motion of Mr. Doherty, the following resolution was adopted:

RESOLVED, that \$13410, being the unexpended balance of the tenth mill fund for the fiscal year ending June 30th, 1909, be appropriated for the erection of the addition to the Botanical building.

On motion of Mr. Doherty, President Snyder was authorized to allow Mr. Paltridge to take certain work in college in addition to his teaching.

On motion of President Snyder, it was decided to employ Mr. Earl Killeen to conduct the chorus during the next year at \$200.00.

Contribution toward repairing macadam road.

Plans for Botanical laboratory.

Appropriation for same.

Paltridge-work in College.

Killeen to conduct chorus.

On motion of President Snyder, the laboratory now used by the Chemical Division of the Experiment Station is to be turned over temporarily to the Chemical Department, when the Experiment Station Chemist has taken up his quarters in the new Agricultural Building.

Chem. Department given Ex. Sta. Lab.

On motion of Mr. Oberdorffer, President Snyder was authorized to use a further portion of Howard Terrace as a dormitory for girls.

Howard Terrace- dormitory for girls.

On motion of Mr. Doherty, the action of the Faculty in conferring the following degrees at Commencement was concurred in:

Action of Faculty in conferring degrees at Commencement

BACHELORS OF SCIENCE.

Agricultural Graduates are designated by 'a', Engineering by 'e', Home Economics by 'h', and Forestry by 'f'.

Mary G. Allen, h
Myron B. Ashley, a
Leslie H. Belknap, e
D.L. Boyd, e
Bertha C. Cameron, h
C.C. Cobb, e
F.H. Dains, e
C.H. Edwards, f
Helen Esselstyn, h
W.D. Fraser, e
J.L. Graybill, a
Olive Graham, h
H.H. Harrison, e
K.E. Hoppman, e
Edith Hudson, h
A.J. Hutchins, a
Ben Jerome, e
F.H. Kierstead, e
Catherine Koch, h
Alice Latson, h
Grace Martin, h
Nelson McCullough, e
W.N. Moss, e
C.J. Oviatt, a
O.A. Pokorney, e
H.C. Pratt, e
R.M. Reynolds, a
Myrta H. Severance, h
H.W. Sprague, a
G.H. Stephen, e
F.C. Taylor, e
W.C. Trout, a
J.S. Welles, a

Gerald H. Allen, e
Wm. J. Baumgras, e
G.A. Bignell, f
R.C. Brodie, a
J.A. Cavanaugh, a
Z.E. Colby, e
R.E. Dickson, f
C.W. Edwards, a
O.W. Fairbanks, e
Alfonso Garcinava, a
A.G. Gilbert, a
Claude Grenhoe, e
W.H. Hartman, e
G.F. Hubbard, a
Mary Hudson, h
Leta Hyde, h
G.B. Kamps, e
J.H. Kline, e
R.L. Kurtz, e
G.W. Lindsley, a
C.W. Mason, a
J.J. McDevitt, e
R.A. Murdock, e
Frank Parker, e
Walter Postiff, a
J.E. Pratt, e
B.H. Roberts, a
L.C. Smith, e
C.H. Spurway, a
R.V. Tanner, f
R.W. Taylor, f
F.H. Valentine, e
Frank E. Wood, e

Ben H. Anibal, e
Leon V. Belknap, e
M.R. Bowerman, e
F.F. Burroughs, e
B.L. Clark, e
A.H. Crosby, a
Charles Dunlap, e
C.L. Emery, e
S.S. Fisher, e
Shirley Gardner, h
Clyde Gorton, e
Florence Hall, h
R.G. Hoopingarner, a
N.B. Hubbard, e
E.B. Hulett, a
H.D. Ingall, a
H.L. Kempster, a
S.F. Knight, e
C.W. Lapworth, e
R.R. Lyon, e
J.H. McCadie, e
J.A. Mitchell, f
L.C. Nash, a
L.L. Perkins, e
B.B. Pratt, a
Alleen Raynor, h
J.E. Robertson, e
Albert Sobey, e
W.R. Stafford, e
C.C. Taylor, a
M.L. Tower, a
F.K. Webb, e

ADVANCED DEGREES

Edmund R. Bennett, M. Hort.
A.G. Craig, M. Hort.
J.G. Moore, M. Hort.

William R. Brown, C.E.
Frank W. Howe, M.S. in Course.
Earnest A. Richmond, M.E.

George W. Williams, M.E.

On motion of Mr. Waterbury, the following resolution was adopted:

RESOLVED, That the Mathematical and Civil Engineering Department be separated into two distinct departments known as the Mathematical Department and the Civil Engineering Department; and Mr. Warren Babcock was made Professor of mathematics in charge of the former at a salary of \$2300.00 per year.

Math. and Civ. Eng. Dept. divided.
Babcock Prof. of Math.

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 R.A. Murdock, e
 Frank Parker, e
 Walter Postiff, a
 J.E. Pratt, e
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 F.H. Valentine, e
 Frank E. Wood, e

Ben H. Anibal, e
 Leon V. Belknap, e
 M.R. Bowerman, e
 F.F. Burroughs, e
 B.L. Clark, e
 A.H. Crosby, a
 Charles Dunlap, e
 C.L. Emery, e
 S.S. Fisher, e
 Shirley Gardner, h
 Clyde Gorton, e
 Florence Hall, h
 R.G. Hoopingarner, a
 N.B. Hubbard, e
 E.B. Hulett, a
 H.D. Ingall, a
 H.L. Kempster, a
 S.F. Knight, e
 C.W. Lapworth, e
 R.R. Lyon, e
 J.H. McCadie, e
 J.A. Mitchell, f
 L.C. Nash, a
 L.L. Perkins, e
 B.B. Pratt, a
 Alleen Raynor, h
 J.E. Robertson, e
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Math. and Civ. Eng. Dept. divided.

Babcock Prof. of Math.

Mr. Halpin re-
signed.

The resignation of Mr. James G. Halpin as Assistant Professor of Poultry Husbandry was presented, and on motion of Mr. Doherty was accepted.

Kempster ap-
pointed.

On motion of Mr. Doherty, the following recommendations of Professor Shaw were adopted: viz., that Harry L. Kempster be appointed Instructor in charge of the Poultry Department at a salary of \$1000 per year; that the salary of Miss Bertha Marshall be made \$55.00 per month; that the salary of Mr. Liverance, Instructor in Dairying, be made \$1100 per annum.

Miss Marshall
Salary raised.

On motion of Mr. Doherty, the salary of Miss Pearl MacDonald was made \$1000 per annum.

P. MacDonald
salary
raised.

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

Com. to vis-
it So. Haven
Ex. Sta.

On motion of Mr. Waterbury, a Committee consisting of President Graham, Mr. Doherty, Director Shaw and the Secretary were instructed to visit and inspect the South Haven Experiment Station at such time as they may agree upon.

On motion of Mr. Doherty, the following budget as recommended was approved:

Apportion-
ments.

	<u>Apportionment</u>
Advertising	\$1000.00
Agricultural Education	875.00
Athletics	-----
Bacteriology	1370.00
Botanical	1129.00
Bulletins	3000.00
Chemical	2395.00
Cleaning	1000.00
Contingent Building	-----
Drawing	365.00
Electric Lights	1000.00
English	234.00
Entomology	455.00
* Farm Department	4585.55
Forestry Department	1773.25
Heating	15000.00
History	83.00
Horticulture	2727.00
Library	1908.00
Mathematical	800.00
Mechanical	4873.00
M. A. C. Record	350.00
Military	300.00
Miscellaneous	1000.00
President's office	500.00
Secretary's office	600.00
Physical	950.00
Registrar	300.00
Special Courses	500.00
Salaries	70000.00
Telephones	-----
Veterinary	550.00
Women's	800.00
Zoological	476.00
Farmers' Institutes	8500.00
U. P. Experiment Station	3000.00
S. Haven Experiment Sta.	1500.00
College Extension	1500.00

* Farm Department

This department was divided as follows:

Poultry	\$ 455.00
Dairy	1337.15
Soils	731.00
Farm Mechanics	292.00
Animal Husbandry	1390.70
Farm & Horses	379.70

\$4585.55

On motion of Mr. Wallace, the Secretary was instructed to purchase two cars of Pittsburg #8 coal of Jules Hoffman for testing, and if satisfactory to close contract with him as per his proposal, the contract to guarantee all coal equal to sample tested.

2 cars coal for testing- J.Hoffman

The bids for Military Uniforms were opened and were as follows:

Contract for Military Uniforms

James Hirsh & Co., Chicago	\$17.70
Henderson-Ames Co., Kalamazoo	14.50
Fechheimer Bros. Co., Cin. Ohio	15.25
Greenwood-Atkinson-Armstrong co., Detroit, Mich.	14.25
Jacob Reed's Sons, Phil., Pa.	14.25
M.C.Lilley, Columbus, O.	14.00
Wm.H.Horstman Co., Phil., Pa.	15.00
The Pettibone Bros., Cincinnati	14.70

On motion of Mr. Waterbury, the contract was awarded to M.C.Lilley at Columbus, Ohio, at \$14.00 per suit complete.

On motion of Mr. Oberdorffer, the following apportionment of Experiment Station funds for the ensuing year as recommended by the Station Council was approved:

EXPERIMENT STATION APPORTIONMENTS.

Position.	Salaries.			Expenses.				Name
	H'ch	Ad's	St'e Col.	H'ch	Ad's	St'e Col.	Ad.Pro.	
Directorship	1000			500		500		Shaw
Bacteriologist (Scientific & Vice-Director)	500	500		900	500		3a-3b	Marshall
Entomologist	600	200		700	375		4a	Pettit
Chemist	725	925	350	900	450	650	2b	Patten
Soil Physicist		100			500		2a	Jeffery
Botanist					200			Beal
Horticulturist	600			1500				Eustace
In charge of crops				1500				
Asst. Hort.	500							Halligan
Asst. Bact		150			500		2c	Rahn
Asst. Dairy Husbandry	200							Anderson
Asst. Animal Husbandman	200							Norton
Asst. Botanist		100			400		2d	Dandeno
Research Asst. Bacteriologist		1200					2c	
Research Asst. Chemist		1200			350		2ba	
Research Asst. Entomologist		1350			400		4b	Shafer
Research Asst. Bacteriologist	400	950			500		3a-3b	Giltner
Research Asst. in Bacteriology		750			500		1b	Brown

Ex.Sta. Apportionments

Position	Salaries.		Expenses.		
	H'ch	Ad's St'e Col.	H'ch	Ad's St'e Col.	Ad:Pro.Name
Research Asst. in Crops (Plant breeding ing)		1100			Spragg
Assistant in Bact.	250	100	250	1a	Northrup
" " "		500	250	1a	Smith
" " Ent.	350				Yothers
" " Chem.	650	250			Collingwood
" " Bot.	360				
Librarian	120		745		Landon
Secretary	500	200	800		Brown
Cashier		200			Schepers
Book-keeper		100			Jenison
Clerk		550			
Stenographer		125			Meech
Totals	8055	8025 1775	6945	4975 1950	
Hatch	15000				
Adams	13000				
State	3725				

For the information of the Board, Dr. Marshall submitted the following report upon Hog Cholera Serum and Cultures for Legume Inoculation:

Report on Hog Cholera Serum Manufacture.

July 1st, 1908 - July 1st, 1909.

Report on
serum and
Cultures.

Feed - concentrated	\$457.02
Straw and Roughage	100.50
Swine	791.07
Travel	76.10
Labor (unskilled)	1,000.00
Cots	240.00
	<u>\$2,664.90</u>

Value of Receipts and Products on Hand.

Actual receipts	\$ 657.62
Value of good serum for this year's campaign	1,861.68
Value of goods untested serum	1,156.26
Value of swine in work at present	<u>250.00</u>
	<u>\$3,925.62</u>

Deducting a possible loss of 1/3 untested serum	<u>385.42</u>
	<u>\$3,540.20</u>

Leaving a balance of \$875.30 to meet skilled labor, and wear and tear on laboratory plant.

Details.

Serum,-	
Sold, for which collections have been made	32,145 cc
Used for testing and experiments	14,688 cc
Sold for which collections are outstanding	8,095 cc
On hand - good	93,084 cc
" " untested	57,813 cc
" " poor	<u>28,618 cc</u>

Total production.....234,443 cc

Virus, -

Sold, for which collections have been made	1,471.5	cc
Used for testing and experiments	935	cc
Sold, for which collections are outstanding	227	cc
Used for hyperimmunizing swine,	95,456	cc
" " inoculating in laboratory	131	cc
" " simultaneous vaccination in lab.	300	cc
	<hr/>	
	98,521.5	cc

Report on
Virus
& Cultures.

Report on Cultures sent out for Legume Inoculation.

Work was begun in April of 1909.

No. cultures, alfalfa sent out	392
" " red clover sent out	172
" " alsike clover sent out	23
" " white clover " "	7
" " " beans " "	172
" " soy beans, sent out	15
" " peas, sent out	64
" " cow peas, sent out	20
" " vetch, sent out	7

Total..... 872 cultures.

Amount of money received.....\$204.75

53 cultures have been sent to institutions and to individuals for experimental purposes.

Cost of Production.

Cost of bottles and stoppers per 1000	\$17.77
" " postage per 1000 packages	40.00
" " medium " " "	5.75
" " directions for use per 1000	5.25
" " 1000 shipping cases	12.60
" " inoculating and shipping (labor)	20.00

\$101.37

Receipts for 1000 cultures, \$250 - leaving balance for clerical and expert work and correspondence.

On motion adjourned.

Al M Brown Secy

MEETING OF THE STATE BOARD OF AGRICULTURE.

DOWNEY HOUSE, LANSING.

August 18th, 19093:30 P.M.

Present: President Graham and Messrs. Waterbury & Doherty.

The bids for an addition to the Botanical Building were opened and were as follows:

George F. Schmidt	\$10130.84
Fred Stell	12675.84
Louis Neller	12920.00
Hagameir & Scully	12452.10
Albert J. Nichols	10548.69
O.J. Reniger	10480.00
Early & Fitzpatrick	11198.00

Bids for
Addition to
Botanical
Building.

In the absence of a quorum, the Secretary was instructed to close contract with Mr. George F. Schmidt, the lowest bidder, subject to confirmation by the Board at its next meeting.

On motion adjourned.

Al M Brown Secy

Contract
awarded.