

The requests of Prof. Pettit and Dr. Blaisdell for certain improvements on their houses, were referred to the committee on Buildings and College Property.

On motion of Mr. Graham, the expense accounts of the Board members and the Secretary were allowed.

Mr. Graham was, on motion, authorized to sign the vouchers.

On motion of Mr. Waterbury, the Board adjourned subject to a call of the President and Secretary upon a regular day for Board meeting.

Alfred Brown, Secy.

MEETING OF THE STATE BOARD OF AGRICULTURE.
PRESIDENT'S OFFICE.

May 26th, 1910.....20:clock.P.M.

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

The minutes of the previous meeting were read and approved.

On motion of Mr. Doherty, Mr. Oberdorffer was authorized to initial the vouchers for March and April.

President Snyder presented the following communications from Dean Shaw:

May 24, 1910.

President J. L. Snyder,
East Lansing, Michigan.

Dear Sir:

Three years ago the rail fence on the east side of the farm lane between the Grand Trunk and Pere Marquette Railroads was removed by the Forestry Department and has not yet been replaced. This has been a serious inconvenience to the Animal and Dairy Husbandry Departments and an annual loss of about three acres pasturage. I should like to ask that a special apportionment of \$55.00 be made to the Department of Farm and Horses to purchase and put up this fence.

Recommendation of \$55 apportionment for replacing fence.

Yours very truly,
R.S. Shaw.

May 24, 1910.

President J. L. Snyder,
East Lansing, Mich.

Dear Sir:-

The forestry department has requested that their foreman, C.F. Baker, be granted an increase in wages from \$50.00 to \$55.00 per month. The man is first class and doing excellent work as a working foreman.

Increase in salary of C.F. Baker.

Yours very truly,
R.S. Shaw.

May 16, 1910.

President J. L. Snyder,
East Lansing, Michigan.

Communica-
tion relative
to the im-
provement of
the wild
lands on the
College farm

Dear Sir:-
It has become necessary to reclaim the wild land on the College farm on the south lying between the Pere Marquette Railroad and Mt. Hope Avenue. This tract consists of about sixty acres in all, one quarter of which is in charge of the Forestry Department and the balance under the charge of the Farm Department. The Farm Department lands have been cleared of stumps and rocks and the numerous cat holes dried up by means of surface drains, and about twenty-five acres was plowed last fall.

The following are some of the principal reasons why the improvement of these lands should be completed this spring:

(1) Appearances demand it.

(2) There has been a pressing need for more land as near the College buildings as possible by several departments.

(a) The Forestry Department needs a larger portion or all of field number six to concentrate their efforts near by for the benefit of the visiting public, the students and the economy of labor. At present, the forest nursery is scattered to the most remote parts of the farm.

(b) Research work under "Adams" is requiring more and more land as near the laboratories as possible, and

(c) The fertility experiments recently established are in similar and greater need than (b).

If this tract is permanently drained, it can be used by the College Farm Department for the production of crops and pasturage.

The last Farm Department budget did not make provision for the drainage work now needed and including the following items, viz:

Cost of Material

1350 ft. 3 in. tile @ \$15.00 M.	\$20.25
600 " 4 " " @ 18.00 M.	10.80-Baker's
1190 " 4 " " @ 18.00 M.	21.42
300 " 5 " " @ 25.00 M.	7.50
1100 " 6 " " @ 30.00 M.	33.00
1060 " 10 " " @ 80.00 M.	84.84
	<u>\$177.21</u>

Cost of Labor

300 ft. at \$1.00 per rod	\$18.18
600 ft. at .40 " "	14.50-Bakers
5442 ft. " .40 " "	<u>131.93</u>
	<u>164.61</u>
	<u>\$341.67</u>

I hereby request that \$341.67 be added to the budget for Farm and Horses to take care of this special work. Secretary Brown is familiar with the plans of this work and the survey has been made by Professor Jeffery.

Yours truly,

R.S. Shaw.

May 24, 1910.

President J. L. Snyder,
East Lansing, Michigan.

Dear Sir:-

Prof. Pettit's
trip to N.E.

Professor Pettit hereby requests the State Board of Agriculture to grant him permission to make a trip to New England at the expense of the College, during the coming summer, to study the Gypsy Moth situation with a view of preparing for the emergency should it appear here. Professor Pettit did not attend the American Entomological Society meeting last year.

Yours very truly,

R.S. Shaw.

On motion of Mr. Graham, the first three of the above letters were approved.

On motion of Mr. Doherty, the one in reference to Professor Pettit's trip to New England, was also approved.

The following plan for the Forestry summer school, as recommended by Dean Shaw, was, on motion of Mr. Graham, adopted:

F O R E S T R Y
S U M M E R T E R M
1910

Itimized statement, plan of procedure and cost of the same.

PLAN FOR SUMMER TERM.

Length of Term: Opens Tuesday June 28th, closes Thursday August 11th, 1910.

Registration: Students to register at the secretary's office at the College same as for other terms of the college year, by June 25th.

Classification: Students in course classify with Junior class officer or special, same as for other terms of the college year. Teachers from ^{in course} graded schools, students from other Colleges showing work equivalent to two years at this College admitted as in other cases.

Plans for
forestry
summer
term.

Laboratory fee- Laboratory fee charged for course in Forestry 3 - \$2.00.

Credits: Forestry 3--5 credits, Civil Engineering 2--5, given credit as in other terms of the College year.

Laboratory Hours: 6:30 A.M. to 11:30 A.M.
12:30 P.M. to 4:30 P.M.

Location: In co-operation with the Public ^{Domain} Commission to be held at Cold Springs on Higgins Lake, Roscommon County.

Facilities for the work: State Forest Reservation of 38,000 acres of variously timbered and cut over lands on the shores of Higgins Lake. Sleeping shanty, bunk house and small office of four rooms. Ample instruments for field work.

Maintenance: Cooking utensils loaned from Club D.O.B. Devine, Cook, agrees to furnish board at \$3.50 per week same quality as clubs. Each student to furnish personal bedding.

Extra Lectures and Demonstration by Ernest Thompson Seton, August 7, 8, and 9.

DAILY SCHEDULE AND DISCIPLINE.

In addition to the lectures and field work each man will be required to do his share of the work incident to camp life. Failure to aid in the camp work will be cause for dismissal from camp.

Turnout 5:30 A.M.
Breakfast 6:00 A.M.
Inspection 6:20 A.M.
Lecture Hour 6:30 to 7:30 A.M.
Field Work 7:30 to 11:30 A.M.
Dinner 11:45 A.M.
Field work 12:30 P.M. 4:30 P.M.
Supper 6:00 P.M.

PERSONAL CAMP OUTFIT-

Rough clothes as follows or equivalent:

1 pair lace boots
1 " strong shoes
8 " socks
3 cotton shirts
1 woolen shirt
4 suits summer underwear
2 pairs kahki trousers
1 pair leggins (leather or canvas)
1 wide brimmed hat
1 strong leather belt
6 large handkerchiefs
Toilet articles
1 swimming suit

Bedding:

- 1 Tarpaulin
- 2 pairs woolen blankets
- 1 pair cotton blankets

Miscellaneous:

- 1 bottle mosquito dope
- 1 pocket knife
- 1 sewing kit
- 1 matches in water proof safe.

PERSONAL EXPENSE TO EACH STUDENT.

Registration	\$2.50
Laboratory Fee	2.00
Books:	
Forest Mensuration, Graves	2.00
Manual for Northern Woodsmen, Carey	1.75
Forest Mensuration, Schenck	1.00
Surveying	3.75
Transportation, Lansing to Roscommon and return	6.10
Six weeks board at \$3.50 per week	21.00
Miscellaneous equipment (Note books etc.)	5.00
Bedding	5.00
	<u>\$50.10</u>

DEPARTMENTAL EXPENSES.

Cost of freight car minimum weight 12,000 pounds from College switch to Roscommon and return	\$82.00
10 days team work \$4.00 per day	40.00
5 days labor 1.75	8.75
2 boats six weeks 4.00 per week	48.00
Traveling expenses of instructing force, five trips up and return 10.00 each	50.00
Miscellaneous nail, lumber, netting, rope etc.	30.00
	<u>\$218.75</u>

DEPARTMENT EXPENSE FOR LABORATORY EQUIPMENT.

	Cat. No.		
22	Foresters Compasses	5602	\$3.50
8	Stem analysis rules	4348	3.50
4	Sets of splines and spline weights	2196	10.00
9	66 ft. chains	7781D	10.00
11	Sets of 11 steel arrows W.G.	7810	1.50
9	Pr. Tree calipers 34 in.	4307	4.50
2	Angle mirrors	5740	7.50
1	Penta prism Range fender	5745	16.00
2	Weese height measurers (Germany)		5.00
8	Brandis dendrometers		10.00
8	" " tables "		.25
1	Tally machine	7846	4.00
3	Steel tapes	7262D	9.65
1	Abney clinometer	5714	20.00
1	Attachment for Abney	5714	2.00
			<u>\$469.95</u>

Proposed
Veterinary
School.

On motion of Mr. Doherty, the recommendation of the faculty regarding the proposed veterinary school as expressed in the following committee's report, was adopted.

May 16, 1910.

President J.L. Snyder:

Your committee desires to make the following recommendations:

- (1) That the entrance requirements be made the same as for other courses in the college leading to degrees.
- (2) That the length of the course shall be four years exclusive of the preparatory year when entrance is made on that basis.
- (3) That this course be made to coordinate with the freshman and part of the sophomore year of the agricultural course.
- (4) If recommendation three is adopted by the faculty, the committee feels it would be wise to have the course outlined up to the point of specialization as soon as possible, leaving the arrangement of the course from this point on to those who will be appointed to take charge of the work.

R.S. Shaw
Charles E. Marshall
F.S. Kedzie.

On motion of Mr. Graham, it was decided that the College shall furnish a dinner to the alumni, the expense of which is not to exceed \$350.00.

Alumni
Dinner

On motion of Mr. Oberdorffer, the Secretary was instructed not to pay the contribution for improvement of macadam road ~~read~~ until the road shall be in a more satisfactory condition.

Macadam
Road, Con-
dition of

On motion of Mr. Doherty, there are to be offered to each county, in which corn growing contests are carried on, with a membership of not less than twenty-five, two short course scholarships of the value of \$5.00 each.

Short
Course
Scholar-
ships.

The matter relating to green-houses for the Horticultural Department, and the matter of the abandonment of the drive in front of the laboratories, was deferred until the next meeting.

Greenhouses
for Hort.

On motion of Mr. Doherty, an additional apportionment of \$150.00 was made to the Institute Fund for the purpose of running another institute train.

Institute
Train.

The committee on employees submitted the following report in reference to the salaried employees of the college, which was on motion of Mr. Doherty, adopted.

Report of
Committee
on salaries

May 26th, 1910.

TO THE HONORABLE STATE BOARD OF AGRICULTURE:

Your Committee on Employees begs leave to make the following report with reference to the list of employees for next year. The Committee received recommendations from the head of each department with reference to the employees in his department. There have been a number of requests for new teachers' The Committee does not deem it wise at present to grant these requests. If, upon further investigation, it seems necessary to increase the number of teachers, as it no doubt will in some cases, the committee requests authority to do so.

The salary roll for the last five years has increased at an average rate of over fifteen thousand dollars per annum. The recommendations in this report will increase the salary list about \$9460.00. With new teachers that may be added, we believe that it will be fully within the average increase of the last five years.

It is scarcely necessary to say that the increase in the cost of living and the unusual demand for well trained young men and women makes it almost compulsory on our part, in order to hold a reasonable number of our better young teachers, to make the increases recommended.

Respectfully submitted,

PAYROLL

J.L. Snyder	President	5000
B.A. Faunce	Clerk	1100
Lillian Shafer	"	600
R.S. Shaw	Dean	Cur.2000) Hat.1000)
J.A. Jeffery	Prof.Agronomy	3000 Cur.2000) Ads. 200)
		2200

A.C. Anderson	Asso.Prof. D. Husb.	Cur.1700) Hat. 200)	1900
Geo. A. Brown	Inst. A. Husb.	Cur.1000) Hat. 200)	1200
W.B. Liverance	Inst. Dairying		1200
H. L. Kempster	" P.Husb.		1200
H. H. Musselman	" F.Mech.		1200
C.G. Spurway	" Soil Phy.		1000
V.M. Shoesmith	Prof. Farm Crops		2200
A. Watt	Inst. Blacksmithing		750
R.S. Hudson	Foreman Farm		750
W.F. Raven	Field Agt. Live Stock		1500
A.R. Potts	" " Farm Crops		780
Mabel Nixon	Clerk		450
John Bowditch	Inst.		600
W.H. French	Professor		2300
C.E. Marshall	Professor	C.2000 A. 500 H. 500	3000
Otto Rahn	Asst. Prof.	C.1350 A. 250	1600
Zae Northrop	Inst.	C. 250 A. 250 H. 250	750
C.W. Brown	"	C. 250 A. 950	1200
Belle Farrand	"		700
W.J. Beal	Professor		2000
J.B. Dandeno	Asst. Prof.	C.1300 A. 100	1400
Margaret Dupee	Inst.		750
Rose M. Taylor	"		850
R. DeZeeuw	"		950
Annabel Lee	"		750
F.S. Kedzie	Professor		2300
H.S. Reed	Asst. Prof.		1500
A.J. Clark	" "		1350
W.H. Parker	Inst.		1000
M.L. Tower	"		850
C.M. Hargrave	"		850
H.M. Potter	"		1000
H.K. Vedder	Professor		2000
Anton S. Rosing	Asst. Prof.		1400
W.B. Wendt	" "		1400
L.S. Fuller	Inst.		900
C.N. Wilson	"		800
John T. Buser	"		800
V.T. Wilson	Professor		2300
Chace Newman	Asst. Prof.		1400
Caroline L. Holt	Inst.		850
C.C. Cobb,	"		900
Isabel Snelgrove	"		700
Paul N. Ford	"		900
T.C. Blaisdell	Prof.		2000
E.S. King	Asst. Prof.		1400
Herman Hensel	Inst.		900
W.A. Robinson	"		800
Norma L. Gilchrist	"		800
Helen Michaelides	"		750
Mrs. Geo. A. Robson	"		750
R.H. Pettit	Professor	A. 300 C.1100 H. 600	2000
Eugenia McDaniel	Inst.	C. 450 H. 350	800
J.F. Baker	Professor		2300
F.H. Sanford	Asst. Prof.		1600
W.O. Hedrick	Professor		2000
E.H. Ryder	Asst. Prof.		1600
Shepherd Leffler	Inst.		900
Minnie A.W. Hendrick	"		800
Hector Macpherson	"		900

H.J. Eustace	Professor	C.1400 H. 600	2000
C.P. Halligan	Asst. Prof.	C.1100 H. 500	1600
Thos. Gunson	Inst.		1200
O.I. Gregg	"		1000
O.K. White	Field Agt.		1350
A.H. Davis	Foreman of Grounds		800
L.R. Taft	Supt. Far.Inst.		2000
Linda E. Landon	Librarian	C.880 H.120	1000
Agnes E. Crumb	Asst.Librar.		650
Warren Babcock	Professor		2300
Richard Reese	Inst.		900
M.F. Johnson	"		900
Stanley E. Crowe	"		900
Jas. E. Robertson	"		800
E.E. Beighle	"		1000
L.C. Emmons	"		1000
K.E. Hoppman	"		800
H.A. Snepp	"		800
G.W. Bissell	Dean		3000
J.A. Polson	Asst. Prof.		1600
L.L. Appleyard	"		1400
Arthur Smith	Inst.		650
C.C. Wilcox	Foreman Mach. Shop		1300
A.P. Krental	" Wood Shop		900
E.C. Baker	" Foundry		900
W.R. Holmes	" Forge Shop		800
Clara B. Purcell	Clerk		600
E.C. Crawford	Shop Eng.		780
W.H. Hartman	Inst.		900
E.A. Bowd	Architect		1500
L.F. Newell	Engineer		1200
Edward Gibbons	Plumber		900
J.Weaver	Night Watchman		600
Elida Yakeley	Registrar		1000
A.R. Sawyer	Professor		2300
W.L. Lodge	Asst. Prof.		1400
Ernest Roller	Inst.		1200
W.E. Laycock	"		1000
H.E. Marsh	"		900
G.A. Kelsall	"		1000
C.L. Brewer	Director Phy. Culture		2100
A.M. Brown	Secretary	C.550 S.220 H.500	1250
Jacob Schepers	Cashier	C.1200 St.200	1400
L.F. Jenison	Bookkeeper	C. 650 St.100	750
Maude Meech	Clerk	C. 775 S. 125	900
Louise E. Walsworth	"		500
J.H. Rand	Purchas.Agt.		1100
Maude Gilchrist	Dean		1700
Lillian Peppard	Inst. Dom. Art		750
Mabel Long	Inst. Phy. Cul.		600
Louise Freyhof	Inst.Music		1000
Mrs. Katherine Cameron	House Director		550
W.B. Barrows	Professor		2000
J.J. Myers	Asst.Prof.		1400
B.B. Roseboom, Jr.	Inst.		900
F.A. Hurt	"		800
Harold S. Osler	"		800
Mabel Reeves	Stenographer		480
Nellie Stroudley	"		480
Marcia Carl	"		530
Edna Spindler	"		540

EXPERIMENT STATION.

	Adams	Hatch	State	Total	
Director		1000		1000	R.S. Shaw
Bacteriologist,					
Science & V.Dir.	500	500		1000	C.E. Marshall
Asst. Bacteriol.	150			150	Otto Rahn
Res. Asst. Bact	1100	400		1500	Ward Giltner
" " "	750			750	Chas. W. Brown
Asst. in Bact.	100	250		350	Zae Northrop
Asst. in Bact.	500			500	Lulu M. Smith
Botanist					
Asst. in Botany	100			100	J.B. Dandeno
Asst. in Botany					
Chemist	925	725	350	2000	A.J. Patten
Res. Asst. Chem.	1200			1200	C.S. Robinson
Asst. in Chem.		900		900	C.B. Winters
Entomologist	200	600		800	R.H. Pettit
Res. Asst. Entom.	1500			1500	Geo. D. Shafer
Asst. in Entom.		350		350	E. McDaniels
Asst. in Entom.					
Asst. Dairy Husb.		200		200	A.C. Anderson
Asst. Anim. "		200		200	E.A. Brown
Farm Crops Exper.					
Asst. to Farm Crops					
Experimenter		1200		1200	F.A. Spragg
Soil Physicist	100			100	J.A. Jeffery
Horticulturist		600		600	H.J. Eustace
Asst. Horticulturist.		500		500	C.P. Halligan
Librarian		120		120	Linda E. Landon
Secretary		500	200	700	A.M. Brown
Cashier			200	200	Jacob Schepers
Bookkeeper			100	100	L.F. Jenison
Stenographer			125	125	Maude Meech
Clerk			480	480	Myra V. Bogue

The above committee was, on motion, given authority to fill any vacancies that may arise.

Head of Vet.
Dept.

The matter of selecting the head of the Veterinary department, was referred to President Snyder, Dr. Marshall, and Dean Shaw, with power to act.

Uniform
bids.

On motion of Mr. Waterbury, the Secretary was directed to open responsible bids for military uniforms and let the contract to the lowest bidder.

Coal bids.

The Secretary presented proposals for furnishing coal to the College, and on motion of Mr. Waterbury, the proposal of Jules E. Hoffman of Detroit, was accepted, the price for $\frac{3}{4}$ lump being \$2.70 f.o.b. College Siding, and Nut P. and slack, \$2.25.

E. Lansing
Postoffice.

The matter of supplying quarters for the East Lansing Postoffice was referred to the Secretary and the architect.

Burglar in-
surance

On motion of Mr. Oberdorffer, the Secretary was authorized to place burglar insurance upon the vault and safe, the premium to be paid from the M.A.C. Interest Fund.

Special of-
ficers.

Mr. Ralph Hudson and Mr. John Weaver were made special officers as provided in the act for the protection of property of state institutions.

Extension of
gas mains.

The Secretary presented the request of a number of ladies on faculty row for the extension of the gas mains west from the College station. On motion of Mr. Graham, the Secretary was authorized to expend not to exceed \$50.00 to defray the expense of such extension.

Approval of
bonds'

On motion of Mr. Graham, the bonds of Mr. B. F. Davis as treasurer, and of A. M. Brown as secretary, were approved with direction that they be filed

with the Secretary of State.

The request for a sky light on the Dairy Building, was referred to the Secretary with power to act.

Sky-light.

On motion of Mr. Waterbury, \$115.00 was added to the Military department's apportionment to cover the expense of gallery practice guns and equipment.

Gallery practice guns

On motion of Mr. Graham, the expense accounts of the Board members were allowed'

Expense accts.

On motion, the Board adjourned.

Attest Brown Grey

MEETING OF THE STATE BOARD OF AGRICULTURE
PRESIDENT'S OFFICE

JUNE 15th, 1910.....2:00 P.M.

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

The minutes of the previous meeting were read and approved.

On motion of Mr. Doherty, authority was granted to confer the Bachelor of Science degree upon the following persons;

- | | | |
|-----------------|--------------------|---------------------|
| Brown, E.L. | Bair, Blanche, | Hooper, T.M. |
| Campbell, A.L. | Bangs, Nellie | Hopkins, R.Z. |
| Chapin, J.W. | Bates, Wilhelmina | Jordan, T.A. |
| Clippert, C.G. | Benham, Catherine | Kurtz, E.E. |
| Crane, R.G. | Copson, Florence | Lenmon, C.A. |
| Douglass, H.H. | Emery, Helen | McKenna, P.G. |
| Hurd, A.L. | Ferguson, Mildred | MacLachlan, I.D. |
| Johnston, M.L. | Johnson, Minnie | May, W.G. |
| Lawrence, O.C. | Lambert, Georgiana | Mead, L.D. |
| Mason, C.D. | Rogers, Mabel | Perry, C.V. |
| Miller, J.P. | Stolte, Clara | Piper, P.H. |
| Perrine, A.H. | Taft, Hazel | Ponitz, C.H. |
| Rodegeb, E. | VanHeulen, Barbara | Pulling, A.P. |
| Smith, C.E. | Vedder, Norma | Sargeant, A.H. |
| Smith, J.A. | Twiggs, Muriel | Shaw, J.E. |
| Taft, H.A. | Clark, Katherine | Shaw, J.L. |
| Taylor, R.L. | | Snow, O.L. |
| Turner, R.A. | Babcock, M.M. | Taggett, V.N. |
| Voorhorst, R.G. | Barcroft, G.A. | Thome, W.J. |
| Waldron, J.A. | Benedict, L.L. | Wilcox, J.E. |
| Whitney, J.L. | Bidwell, J.N. | Burt, T. |
| | Burkhart, G.P. | Hagenbuch, S.C. |
| Bushnell, E.P. | Cataline, B. | Linton, J.O. |
| Darling, F.W. | Cavanagh, G. | Spratt, W.C. |
| DeCamp, J.C. | Cools, R. | Wagner, G.C. |
| Gilson, I. | Dail, E.R. | Hodgeman, C.L. |
| Hoffman, B.E. | Dougherty, L.W. | Miller, A.M. |
| Lynch, H.E. | Egerton, B.G. | Mills, H.W. |
| Olin, H. | Farmer, M.D. | Moore, C.D. |
| Thompson, R.E. | Fraser, H.R. | Harrison, Florence. |
| Wagner, C.S. | Hallock, E.A. | |
| Wheeler, R.S. | Hobbs, G.W. | |
| White, W.E. | Hoffman, E.G. | |

B. S.
Degrees
Conferred