

# The M. A. C. RECORD.

MICHIGAN AGRICULTURAL COLLEGE.

VOL. 18.

EAST LANSING, MICHIGAN, TUESDAY, JANUARY 21, 1913.

No. 17

## FIVE-YEAR COURSES TO BE DISCONTINUED.

Change to Take Place at the Beginning of the Fall Term, 1914.

The matter of abolishing the five-year courses has been under consideration for some time, and a committee consisting of the deans was appointed in November to investigate and report to the faculty. The matter was thoroughly canvassed by this committee, its recommendations approved by the faculty, and duly adopted by the board at its meeting on January 16.

It is not intended that this change will work a hardship, as provisions will be made whereby worthy and mature young men and young women who desire instruction along the lines of work offered at this institution may enter. The change will not take place until the beginning of the fall term, 1914, and the coming catalog will contain due announcement of the proposed change.

Following is the report of the committee as approved by the faculty and adopted by the Board.

The committee appointed to investigate the question of the desirability of discontinuing the five-year courses reports as follows:

(a) A study of the attendance statistics of the college since 1902, at which time the sub-freshmen work was made a feature of the courses in all division, shows.

1. That the sub-freshmen enrollment reached a maximum of 214 in the fall of 1908, and has since steadily declined to 121 in the fall of 1912.

2. That the average of the sub-freshmen at the time of enrollment has been practically constant.

3. That the average percentage of sub-freshmen reaching freshmen standing has been 53 in the classes of 1907 to '13 inclusive.

4. That the average percentage of sub-freshmen attaining senior standing has been 11 for the same classes, with 7 per cent. for the classes of '12 and '13.

5. That, of 651 five-year freshmen in the same classes, 22 per cent. have attained senior standing.

6. That, of 1364 four-year freshmen in the same classes 56 per cent. have attained senior standing.

7. That, of 2014 total freshmen in the same classes, 45 per cent. have attained senior standing.

8. That  $2\frac{1}{2}$  times as many four-year freshmen in the same classes have made senior standing as have five-year freshmen.

9. That for the classes of 1912 and '13 this rate is 3.7.

(b) The direct salary expense for sub-freshmen classes for the year 1911-12 was about \$8,000, and the probable total expense was about \$15,000.

(c) The high schools of the state are now within reach of all of school age, and preparation for college can be had at less expense in them than at the college.

(d) It is believed, although data is not available to verify this, that

the sub-freshmen year at this college is, to a degree, the preparation for entrance at other institutions.

In view of the above, the committee recommends,

1. That, beginning with the fall term, 1914, the five-year courses will be discontinued.

2. That notice thereof be inserted in the catalog for 1912-'13.

## ANNUAL FRUIT SHOW OF THE HORT. CLUB.

Interesting Event To Be Given In Ag. Building Friday and Saturday January 24 and 25.

Arrangements for the annual Hort. Club Fruit Show are rapidly being completed by the senior Hort. students. This is an event that has always been of interest to all the students of the college, and Lansing people as well. The dates have been set for next Friday and Saturday, Jan. 24 and 25. This is an exceptionally good time to hold the show, because there are a large number of short course students here now to whom the fruit show will be of educational value, as well as an interesting and entertaining feature.

Last year the senior Horts. gave one of the best fruit shows that has ever been held at M. A. C. Every effort is being made to make this year's exhibit of fruit even better than last year. Fruit has been received from various states by the Hort. department, and the display of fruit this year promises to be the largest ever shown at M. A. C.

There are several features in connection with this year's show to make it still more interesting than ever. The co-eds. will be represented in the apple pie baking contest, an event that is entered into by the co-eds. with a great deal of pride and competitive spirit. The pies are judged by competent judges, and everything is done to make it a fair contest in every way. The pies that are on hand after the contest is over are to be sold at auction, a feature which proves both interesting and profitable.

The beauty of the display of fruit will be greatly enhanced by booths of flowers this year. The landscape artists will be there again this year with a display equal to the occasion.

One of the most interesting features will be the stereopticon lectures given by the students, and no one can afford to miss them. For those who like cider there will be a cider press right in action, never ceasing to produce that deliciously flavored juice of the apple in quantities enough to supply all who come with a quaff. Choice fruit will be on sale—a golden opportunity to buy some of the best fruit ever offered for sale in East Lansing.

Everyone should try and be there Friday and Saturday at the Agricultural Building. Admission is free, and everybody is welcome to see one of the best displays of fruit ever collected at M. A. C., together with other features of interest to everyone.

## THE BREEDERS' AND FEEDERS' ASSOCIATIONS.

Nearly 800 men prominent in the live stock interests of the state were at the college on Wednesday and Thursday of last week for the 22d annual meeting.

The various sectional meetings were held Wednesday afternoon, and some very interesting features discussed and the usual business transacted. The Holstein men with their wives held a banquet in the city Tuesday evening before the opening of the session on Wednesday.

Of the 800 men about 350 were members of the Holstein Association. The horse breeders were second with some 200, the short horn breeders third with 125, while the Guernseys were a strong fourth. Other meetings ran from 25 to 60 members.

The special feature of the Holstein breeders was the big banquet on Tuesday night, when a splendid program was carried out following the spread. At the business meeting, which followed, H. W. Norton, '03, was elected president of the association for the ensuing year.

At the Guernsey meeting, held in the class room of the Entomology Building, the principal address was given by Mr. Chas. L. Hill, of Rosendale, Wis., president of the American Guernsey Cattle Club. Mr. Hill has spent considerable time on the island, and, with the aid of the stereopticon, gave a most interesting and instructive review of the possibilities of the same.

The horse breeders' session was the scene of some heated arguments, which resulted in a better understanding all around, and the addition of several new members. Dr. J. E. Ward, of the State Veterinary Board, was one of the principal speakers.

One of the features in connection with the association meeting was the fat hog show. Pens were set up in the pavilion, where the animals were kept during Wednesday. Twenty-four hogs were shown, comprising the Berkshire, Chester White, Yorkshire and Duroc Jersey. Prof. Anderson, M. T. Story, of Lowell, and J. B. Hibbard, of Bennington, were judges. The hogs were then slaughtered, and Mayor Reutter, of Lansing, judged the carcasses. In this contest with all breeds competing, W. H. Schantz won 1st on a Berkshire, George McMullen 2d on a Yorkshire, and J. L. Miller 3d on a Berkshire.

In the general sessions Prof. Coffee, of Illinois, and Mr. Wayne Densmore, secretary of the Percheron Society of America, were among the prominent speakers. H. B. Rawl, of the Dairy Division, was unable to be present, and his place was ably filled by Mr. F. H. Scribner, of Rosendale, Wis.

The Association went on record as favoring the continuance of the live stock sanitary commission, with the suggestion that the present sys-

(Continued on page 4.)

## ALUMNI

'82-'83.

E. J. Fletcher, '83, of Appleton, Minn., recently met W. T. Langley, Minneapolis, Minn., on Nicollet Ave., for the first time in over 30 years. Both expect to attend the alumni meeting at M. A. C. next June.

'03.

F. C. Rork, with the Moose Mountain, Ltd., Co., of Sellwood, Ont., writes in the interests of his company for an assistant draftsman and surveyor.

'04.

W. S. Merick is carrying on some interesting investigations with soot in boilers. He is taking samples from the different passes of water tube boilers, with the idea of getting at the relation of soot to the combustion of the fuel gases, both as to physical structure and to its chemical properties.

'04.

Sidney E. Johnson, instructor in engineering at the University of Wisconsin, has just completed a very elaborate series of experiments, covering more than a year. The aim of these investigations is to determine the effect of salts on the strength of mortars and concrete which have been formed at low temperatures.

'05.

C. I. Auten sends to the engineering department a photo of a weaver shed which, when completed, will be the largest single shed of its kind in the world. Mr. Auten designed this building while with the Trussed Concrete Steel Co. last summer, and since has been watching its construction. The equipment, when fully installed, will develop about 6780 H. P. The design brought up several new and interesting features, due to the difficulty in finding suitable foundations.

'06.

J. G. Cavanagh, of the above class, is with the New York, Chicago & St. Louis Ry. Co., at Cleveland, Ohio, his work being accounting and checking. His division is on steel and masonry work.

'12.

K. D. Van Wagenen writes interestingly of his work in the high schools at Cloquet, Minn. A recent Cloquet paper gives a good account of the work being done along the lines of agriculture by Mr. Van Wagenen, and speaks highly of his ability along this line, as well as that of teacher. He had charge of the county exhibit at the state fair during the fall, held at Minneapolis, and received good experience and a visit to the twin cities. Here he met Dorsey, '06, Olin, '10, Bovay, '12, and Spratt, '10. He states that Oley Johnson, also in the public schools, together with Mrs. K. D. and himself maintain an active M. A. C. association in their city.

# The M. A. C. RECORD

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B. A. FAUNCE, MANAGING EDITOR

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TUESDAY, JANUARY 21, 1913.

## THE NEEDS OF THE COLLEGE

As Set Forth in President Snyder's Report.

To the Honorable State Board of Agriculture:

*Gentlemen:* In accord with previous custom, I desire to bring to your attention at this time a brief review of the physical needs of the college as they impress themselves upon those in direct charge.

### LIBRARY BUILDING.

Without attempting to classify the needs in the order of their importance, the first to be mentioned is the pressing need of a library building. The present building was erected in 1881, at a cost of \$22,000.

The offices of the president and secretary of the college are in this building, as well as the lecture room, laboratories and offices of the department of zoology, together with the college museum. This leaves one room for the library, and another small room which is used as a reading room. By placing chairs in alcoves and gallery it is not possible to accommodate over fifty students in the library and twenty-five in the reading room at one time. When we consider that there are between fifteen and sixteen hundred students enrolled at the present time, and that the vacant hours at which they wish to use the library fall largely at the same period of the day, we can form some idea of the congested condition. We have now for library use the same space that was set apart for this purpose when the enrollment was about 200 students. There is shelf room for only about half the books. The others are stored in the basement and in the attics of other college buildings. The library numbers about 36,000 very valuable scientific and technical books. It is valuable, and the best that the college in the past could afford. It is, however, greatly to be regretted that our students do not have access to a greater library of historical and literary knowledge. Our library under present conditions does not render anything like the service it should to the student body. If a student becomes interested in some line of investigation or reading, as many of them do, he is likely to find no vacant chair, or probably the book he is after is somewhere among the number stored on the fifth floor of the agricultural building.

It must not be forgotten also that this library is housed in a building which is not fireproof, and which even with the greatest care is liable to burn at any time.

### AUDITORIUM.

The college has felt for several years very much the need of an au-

ditorium. It has been impossible to carry on a lecture course or any series of entertainments because of the lack of a suitable room in which to assemble. The old chapel will seat less than two hundred fifty persons. The best we can do, when we expect a large gathering, is to place chairs in the armory. Even this room will not accommodate more than two-thirds of the students and faculty. The armory serves as a drill hall and gymnasium. It is in use every day during the winter. When it is used as an auditorium other exercises must stop, and it must be made ready at considerable expense. It is very desirable at times to assemble the entire student body for instruction and guidance. This can scarcely be done under present conditions.

### ADDITION TO WOMAN'S BUILDING.

When the Woman's Building was erected, in 1899, on account of a rapid increase in the price of building material it became necessary, in order to keep within the appropriation, to defer the building of the west wing to some future date. The increase in attendance of young women during the past few years has made it necessary to arrange with private families to house and look after fifty or more of our women students. At best such an arrangement cannot be satisfactory. The completion of the Woman's Building has already been deferred too long, and should by all means be taken care of in the near future.

### GYMNASIUM.

Our students have urged for some time the necessity of a gymnasium. They call our attention to the fact that there are regularly enrolled more than one thousand young men each year, with an addition of nearly four hundred young men in eight week courses during the winter. These fourteen hundred young men have practically no gymnasium facilities. A small amount of apparatus was placed in the armory, but this room is in use by the military department during practically all the hours which might be available for gymnasium work, hence it is not far from the literal truth to say that this college offers no gymnasium facilities to its male students. These young men are husky, vigorous fellows, and need very much regular physical exercise, such as could be acquired in a well equipped gymnasium.

This building is also needed as a proper place in which to hold social functions. These are a proper and legitimate part of social life. The college should provide proper rooms for the holding of receptions, dances, parties, etc. There are now fourteen literary societies among the young men and five among the young women. These societies usually give one party each term. There are also other organizations which hold social functions of various kinds. These are all under faculty supervision, but as all social functions, in order not to interfere too much with college work, are held on the last two evenings of the week, it is almost impossible to provide suitable rooms for such purposes.

It is doubtful if there is another institution in the country of equal size and rank that does not have a gymnasium of some sort.

(To be concluded next week.)

## BASKET-BALL.

No game was scheduled for Saturday last, but the teams have lost no time in getting into shape for the coming contests with T. B. Rayls and Alma on tonight and tomorrow night.

T. B. Rayls is a wholesale hardware firm of Detroit, and the team coming tonight is representing this firm. They have one of the strongest teams in the state, and the best in Detroit. They recently met and defeated the strong "Y" team of that city. This should be an exceptionally good game tonight.

Alma always sends out a snappy team, and this year's aggregation will be no exception. They were beaten by Albion in the first game of the season by a very small margin. They will play the home team in the armory tomorrow night, and these games will both be witnessed by large sized crowds.

The class teams are hard at work, and some good games are expected. The preliminaries will be played off the latter part of this week and next. A schedule of six games will be arranged, and an effort made for each team to meet every other team.

The percentage plan will be followed, and the team having the highest percentage will be declared the winner. Should a tie occur between any two of the competing teams, the winners will be decided by an additional game, played perhaps as a curtain raiser for one of the varsity games.

The sophomore team, with Assistant Coach Cortright, were in Muskegon Saturday, where they defeated the high school team of that city.

The first trip for the varsity this winter will be on Jan. 30, when the boys play the strong Hope team at Holland. Honors were divided with this college last season.

## MUSICAL RECITAL.

A musical recital was given by the Women's club in the parlors of the Women's building Friday evening, at which time quite a satisfactory sum was raised for the benefit of student aid fund. With Miss Freyhofer as accompanist, assisted by Mr. Killeen as soloist, the following program was thoroughly enjoyed:

### ORDER OF PROGRAM.

Pierrette	Chaminade
Arabesque	Debussy
Songs—The Cradles	Faurer
Were I a Gardner	Chaminade
Love Me Well	Bemberg
Duet—Polonaise	Saint Saens
Miss Fern Liverance	
Miss Madge Lamoreaux	
Reverie	R. Strauss
Intermezzo	
In a Quiet Forest Path	
Songs—The Children's Prayer	Reger
My Sweetheart	
All Soul's Day	Strauss
Veil Dance	Friedel
Drifting	

Mr. W. S. Pullen, of Hillsdale, gave a very interesting address before the hort. club Wednesday night. Mr. Pullen makes a business of renting orchards and has at the present time over 5,000 trees under his care.

Gov. Ferris gave a short but forceful talk at one of the general sessions of stockmen on Thursday.

## FARMERS' CLUB.

Hon. A. C. Carton, of the Public Domain Commission, gave a most interesting talk before the members of the Farmers' Club on Tuesday evening of last week. He brought with him a large number of maps of the state, showing location of all state lands. He gave an interesting history of how the government obtained them, and of what they consist.

Mr. Carton outlined the policy of the commission with reference to the handling of these lands. The plan at present is to block off the timbered sections together, so that they may the more successfully be protected from fires. Many new and interesting phases of the question of public lands of the state were brought out, and the address was thoroughly enjoyed by all present.

It is to be the plan of the club during the winter term to secure men from outside, prominent in the affairs of state, as speakers, and Tuesday night was a splendid opening of the term's work.

Senator Wiggins, of Bloomington, will address the club next Tuesday evening. Mr. Wiggins is one of Michigan's senior senators, and a prominent man in the agricultural affairs of the state. He owns and operates a large farm in his home county, being especially interested in the breeding of Holstein cattle.

The club meets in room 402, Agricultural Building at 6:30, and a general invitation is extended to all those interested to attend these meetings. Something of interest will be forthcoming each week.

## SAN FRANCISCO GRAFT.

Judge Francis Heney spoke to a crowded house Thursday evening on the graft cases of San Francisco, after which he spoke "some more" on many of the things close to a lawyer's heart. The judge was rather pessimistic in his views, and held that the rule was too much in the hands of the municipal interests. His idea of relief was that of government ownership of public utilities, including railroads, mines, etc. His recital of the troubles resulting from the San Francisco disaster and attempted relief was interesting, as was also that of the remainder of his address, but combined proved too long for comfort, as the crowd became somewhat uneasy and restless before its close.

## SACRED CONCERT.

The band will give its first sacred concert on Thursday afternoon at 3:30, in the Armory. The soloists have not as yet been announced. The concert program will be as follows:

"The Traumbuilder" fantasia...Lumbye  
 "La Reine De Saba," March....Gounod  
 "Barber of Seville," Overture...Rossini  
 "Minuet,".....Paderewski  
 "La Cinquante,".....Gabriel

A general invitation is extended to all.

Dean Bissell gives an illustrated lecture on the Panama Canal before the Engineering Society tonight.

Our rifle team scored 897 points out of a possible 1000 against the Oklahoma team last week.

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## ABOUT THE CAMPUS

There are now thirty students en-  
rolled for the course in veterinary  
medicine.

Mr. Linton was at Lawton on  
Friday, where he appeared on the  
program of the one week high  
school course.

Mr. C. C. Ingham, in charge of  
the poultry plant, spent several days  
in the college hospital the past week  
with the gripe.

The men taking the short course  
in fruit growing have formed a  
Hort. club, and meet regularly each  
Friday afternoon.

In freshmen botany, 291 students  
are enrolled—118 in sophomore, 27  
taking the course in weeds, and 19  
in botany technique.

Prof. Halligan spoke before the  
Farmers' Institute meeting in Char-  
lotte last week Thursday on "The  
Culture of Flowers."

Mr. C. J. Burkman, of Birming-  
ham, and Mrs. E. J. Creyts will  
each have a part on the program of  
of poultry week in February.

The Hort. Department received  
a five-gallon keg of sweet cider  
from Owosso one day the past week.  
The donor was Mr. C. B. Cook.

Dr. and Mrs. Lyman entertained  
the members of the veterinary  
science staff, with their wives, at  
dinner on Friday night of last week.

Miss Isabel Snelgrove, of the de-  
partment of drawing, was called to  
her home in Ann Arbor Thursday,  
on account of the illness of her  
mother.

Mr. Max Tower, formerly in-  
structor in chemistry, now of De-  
troit, was in Lansing Thursday to  
confer with the members of the  
Dairy and Food Commission.

Mr. R. C. Bradley, steward for  
the hospital for insane at New-  
berry, Mich., was among those who  
visited M. A. C. last week. Mr.  
Bradley was cashier at M. A. C. in  
1893-95.

Mr. W. E. Wood, with the class  
of '12, with his bride, formerly Miss  
Margaret Forester, are traveling in  
the west, and, with Mr. Forester,  
will probably spend the winter in  
California.

The local oratorical contest, as  
arranged by the committee, will be  
held Friday, Jan. 31. Only two  
candidates have signified their inten-  
tion to compete. They are Mr. K.  
M. Klinger and Mr. A. I. Margolis.

Dr. Gunsaulus, of Chicago, will  
be the next number on the lecture  
program. His subject will be  
"Gladstone," given in the Armory  
on March 4. On March 14 will  
occur the annual mid-winter con-  
cert.

The weekly clinic carried on  
during the fall will be continued  
during the present term. The de-  
partment has been very fortunate  
thus far in securing animals for this  
work. On Saturday an interesting  
operation was performed upon a  
colt having five legs.

The name of Hon. Charles W.  
Garfield appears as one of a com-  
mittee on general local arrangements

in connection with the Michigan  
Pioneer and Historical Society, to  
be held in Grand Rapids, January  
30 and 31. The sessions will be  
held in the Ryerson Public Library  
Building.

H. E. Marsh, '08, former instruc-  
tor in civil engineering at M. A.  
C., is now head of the department  
of Physics in the University of Red-  
lands, Calif. He states that he is  
nicely located in Redlands, a city of  
about 12,000 inhabitants, in south-  
ern Calif., and enjoys his work.  
Mrs. Marsh's health is steadily im-  
proving in the new climate.

At the informal reception in con-  
nection with the Associations, held  
at 5:00 p. m., Wednesday, Instruc-  
tor Musselman gave an interesting  
stereoptical lecture on "Processes  
of Manufacture of Wire Fence."  
More than 100 slides were shown,  
illustrating the manufacturing pro-  
cesses in wire fence from the time  
the ore is taken from the ground  
until the fence is complete.

Among those of alumni and  
former students at the association  
meetings last week were: Colon C.  
Lillie, '84, H. E. Young, '02, of  
Chicago; John Strange, '01, C. I.  
Brunker, '04, and Geo. McMullen,  
'04, of Grand Ledge; A. H. Cros-  
by, '09, of New Buffalo; Clark  
Broody, '04, of Three Rivers; G.  
W. Gutekunst, '01, of Grass Lake,  
and A. H. Perrine, '10, of Rives Jun-  
ction.

To date there are six candidates  
at the college studying for the de-

gree of master of science; three  
who have made application as can-  
didates for the degree of master of  
agriculture; one for master of for-  
estry; one for degree of mechanical  
engineer, and eight for the degree  
of civil engineer. This is an ex-  
ceptionally large number of appli-  
cations for advanced degrees. On  
last June there were six advanced  
degrees granted.

Dean Bissell will attend a meet-  
ing of the Deans of Engineering in  
Land Grant Colleges, to be held in  
Washington, Jan. 24 and 25.

A nine pound son, Stewart, by  
name, was born to Mr. and Mrs.  
O. K. White, Sunday, January 19.

Mrs. A. B. Turner, of Cairo, Ill.,  
visited her son, A. L. Turner, '17,  
and daughter, Ruth, '14, over Sun-  
day. Mr. Turner graduated with  
the class of '81.

An exhibit of work done in do-  
mestic art was given Wednesday  
afternoon for the benefit of the  
wives of visiting stockmen. The  
display included dresses, millinery,  
basketry, and art designs, and  
a visit was made to the woodwork-  
ing rooms and gymnasium.

Mr. James Culbertson Hill, of  
Madison, Ind., is the most recent  
addition to the regular courses.  
Mr. Hill has had 11 grades in the  
high school, of Madison, Ind., and  
training in business college. He is  
brother-in-law of State Geologist  
Allen, and enters for work in agri-  
culture.

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(Continued from page 1.)

tem by appointment be maintained, but that commission have a central office in Lansing, and that the State Veterinarian be placed on a definite salary, devoting his entire time to the work, and located at M. A. C.

At the business session of the association the following officers were chosen: President A. E. Stevenson, of Pt. Huron; vice-president, W. P. Rosso, of Mt. Clemens; secretary, George Brown, M. A. C.; assistant secretary, S. B. Wattles, Troy; treasurer, C. S. Bartlett, Pontiac; executive committee, H. H. Hinds, Stanton, C. C. Lillie, Coopersville, W. H. Schantz, Hastings, F. R. Crandall, Howell, and George Brownell, Detroit.

### THE BANQUET.

More than 200 men gathered in the parlors of the Womans' Building at 7:00 p. m., and then proceeded to the large dining room, where the banquet was spread. After a sumptuous dinner, served by the young women of the Home Economics Department, President Snyder called to order, and, after a few brief remarks of welcome, called upon a number of those present for short talks.

Mr. Charles L. Hill, of Rosendale, Wis., president of the American Guernsey Cattle Club, was the first speaker. Mr. Hill complimented the breeders of Michigan on their rapid progress along all lines. He spoke of the work being done in his own state, and brought greetings from the Wisconsin association to Michigan.

Dean Shaw spoke of the live stock industry as being only one of the many industries of the state. Manufacturing, lumbering and marine industries must all be taken into consideration in this connection, for when the scope of our live stock industry is compared with that of other states, we are liable to fall short. In spite of this, Michigan numbers 12 in dairy cattle, 12 in horses, 20 in cattle other than dairy stock, swine 19, and sheep 9. It is said that if Michigan were perfectly isolated from the rest of the world, she could supply herself with practically all the necessities of life, with the possible exception of cotton. There is some 50 per cent. of the state in farm land, and only about 60 per cent. of these farms are improved. The drainage is one of the big questions of Michigan today, for by it many thousand acres of land could be reclaimed and made productive and valuable.

Before introducing Hon. I. R. Waterbury, of the Michigan Farmer, Pres. Snyder took occasion to follow up Dean Shaw's talk with a short statement of the tremendous demands made upon the college for extension workers, and of the opportunity open to the institution if only funds can be provided for the work.

Mr. Waterbury stated that he was gratified with the increased attendance and interest of Michigan's

breeders, and that he believed that no one should be discouraged because of a slight slump in any line of agricultural work. The man who goes into the business and stays in is the man who will reap the benefits. The college interests and the Association interests are in common, and that which helps the one must necessarily aid both.

Hon. J. A. McBride, representing the state legislature, spoke interestingly of the demands being made upon the legislature, but as a prominent farmer, and one especially interested in M. A. C., he trusted that no appropriation for the benefit of this institution might be withheld. There are two forms of taxes—those which may be counted as an investment and those of a dead loss. Any moneys expended for the betterment of our educational facilities should not be considered a loss, but as one of the best investments.

Mr. R. C. Reed, president of the Association, compared conditions of our live stock conditions with those of 25 years ago. Set your standard high, and then be satisfied with nothing less. This is the secret of Michigan's success.

The next speaker, C. C. Lillie, '84, of Coopersville, believed that no one could attend these association meetings without being broader and better. He also urged those present to lend their support to any movement for the betterment of the college, as we can well afford to spend money for the development of education in the state, and the farmer is entitled to his share.

The last speaker on the program was Hon. R. D. Graham, president of the State Board. Mr. Graham stated that there never was a time when every other class of men was so anxious to help the farmer. The tide has been from the country so long that every one realizes that something must be done, and everybody is talking at once. Apparently people are just waking up to the fact that the farmer amounts to something. The speaker called attention to the needs of the college and of the valuable work it is doing, not only for our boys and girls, but the state at large, and urged the Association to lend its influence in the matter of appropriations.

The banquet was a complete success, and every one present seemed to enjoy it to the fullest measure.

The college orchestra furnished excellent music for the occasion, which was duly appreciated.

'08-'09.

Mr. and Mrs. F. M. Barden announce the birth of a son, Donald Raymond, on Jan. 5. Mr. Barden is a successful farmer and fruit grower of South Haven, and the mother was formerly Myrta Severance, a graduate of the class of 1909.

Miss Taylor spent her Christmas vacation in Chicago and Miss Thompson was in Battle Creek Christmas day.



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