

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 11.

LANSING, MICHIGAN, TUESDAY, NOV 21, 1905.

No. 10

FOOT BALL.

THE NORTHWESTERN GAME.

The team, accompanied by Director and Mrs. Brewer, left Lansing Friday night at 8 o'clock in a special Pullman sleeper, arriving in Chicago at 7 o'clock Saturday morning. Breakfast was taken at the Briggs House and the forenoon was spent viewing the city. At 11 o'clock all returned to the hotel for dinner after which a suburban car was boarded for Evanston. About 50 rooters (old M. A. C. men) accompanied the team from Chicago and made about as much noise as did the whole Evanston bunch during the game.

Northwestern kicked off and M. A. C. failing to make her gains, punted. N. W. carried the ball to the 37 yard line where it was fumbled, Small falling upon it. M. A. C. now carried the ball to the 25 yard line from which they were forced to punt, the ball being downed on the 45-yard line. N. W. now made gains of 12, 7, 13, and two shorter gains which sent Blair over for the first score, which was followed by a goal. N. W. again kicked off and M. A. C. soon punted and Reuber heeled the ball on the 23-yard line from which a place kick was made. N. W. soon regained possession of the ball and Blair was the next to score. N. W. again secured the ball on a fumble close enough for a place kick which failed. An exchange of kicks resulted in bringing the ball to M. A. C.'s 27-yard line when it was sent between the posts, on a place kick. M. A. C. now began to do business, Doty and Holdsworth carrying the ball 45 yards by straight work to N. W. 15-yard line, where it was lost on a fumble. N. W. was forced to punt and E. McKenna and Doty by splendid work carried the ball to the 20-yard line. Small now made a quarter-back kick, McKenna catching the ball on the dead run and placed it on the 3-yard line. Doty was called upon and went through the big line for a touch-down. On the next kick off McKenna took the ball and by a criss cross carried the ball 70 yards, escaping all but one man. Another quarter-back kick was tried N. W. catching the ball as time was called for the first half.

N. W. got the ball on the kick off in the second half and carried it to the 45 yard line where they were forced to punt, the ball going over the goal line. M. A. C. punted back and N. W. by fierce line plunges carried the ball over the line for another touch-down. On the next kick-off N. W. again pounded the line with their big backs which resulted in another touch-down. Jenkins for the N. W. made the next score. A try-for-goal failed as did also the preceding one.

N. W. was forced to punt soon after the next kick-off, but M. A. C. blocked it, and on the next play McKenna took the ball and ran 20 yards for our second touch-down.

M. A. C. certainly made a fine showing against her heavy opponents. N. W. ranks as one of the

big 5 in the west, and the fact that M. A. C. scored two touchdowns just at the close of the season when they (N. W.) are supposed to be at their best, is a source of some satisfaction. Many of our gains were made by straight ball, and Doty went through their big guard and center time after time for good gains. McKenna's long runs were a feature of the game. He made 70 yards on a criss-cross, 25 on a fake punt, 45 on a long pass, and 20 on a delayed pass, which resulted in the last touchdown. Doty bucked the line consistently, Boyle and Holdsworth upheld their reputation as ends, and in fact the whole team starred.

The final score was 37 to 11. After the game about thirty-five ex-M. A. C. men returned to the Briggs House with the team for a spread. The players were then taken to Powers Opera where they witnessed the football play "Strongheart" which was very much enjoyed. This was a reward for the winning of the Albion game and took the place of the contemplated auto ride. They left Chicago at 11:50 Saturday evening and all returned with the verdict of a "right good time."

Following is the line up:

Burroughs, C, Boomsliiter-Parker, R G, Shedd, L G, McDermid-Boomsliiter, R T, Fisk, L T, Boyle, R E, Holdsworth, L E, Small, Q B, McKenna, R H B, Kratz, L H B, Doty-Frazier, F. B.

ALMA-M. A. C. RESERVES.

The Alma reserves went down to defeat Saturday before "Yost's Host" by the score of 50 to 0. The game was called at 2:30. During the first half M. A. C. secured seven touchdowns and four goals in 25 minutes of play. In the second half of seven minutes two touch-downs and a goal were secured.

During the first half M. A. C. did not punt and was held for downs just once. Walker and Green, Wallace at tackle and Gaspar at quarter were sure ground gainers. Charlton broke loose for 25 yards and a touch-down and Darbee at end was one of the fastest men on the team. Gaunt, for the visitors, played a fine defensive game, and Anderson at quarter weighing but 120 pounds played a plucky game until taken out in the second half on account of an injury. Alma was somewhat lighter than the home team and was clearly out-classed in speed and team work.

THE ALMA GAME.

The last cup game of the season will be played at Alma on next Saturday. It is not known just what Alma will be able to do with our boys, but of course M. A. C. expects to win. Alma won from Hillsdale by a much larger score than did M. A. C. On the other hand after M. A. C. had won from Olivet, the latter won from Alma 10 to 0. It is always hard to tell just what will

happen by a comparison of past scores but Alma always puts up a clean scrappy game and we predict that whichever team wins it will be by good straight work. M. A. C.'s percentage stands 1000 and it is believed that it will be right there on next Saturday evening.

FARMER'S CLUB.

L. C. Reynolds read a fine paper Tuesday night, on the subject of "Profitable Sheep Husbandry." He has had quite a considerable experience in sheep raising, and gave us some fine thoughts on the subject. He said that, in order to be successful in raising sheep one must have a liking for the industry. Mr. Reynolds brought out very clearly the necessity, in buying sheep, of studying the conditions, and buying the best to suit the conditions; and also of giving due consideration to wool production as well as mutton. It was his opinion that one should buy pure breeds and keep them pure; and grade out the inferior animals each year, keeping nothing but the most typical. Pastures should be well selected and maintained, but one should not have a permanent pasture for sheep because the sheep are more liable to be bothered with fluke worms when running in the same pasture from year to year.

There will be no regular meeting of the Farmers' Club this week on account of the meetings of the Institute; but there will be a meeting next week.

Y. M. C. A.

Mr. E. H. Ryder, instructor in history, gave an address to the Y. M. C. A. in the largest Thursday evening meeting in the memory of the association. Mr. Ryder's lessons, taken from the act of the good Samaritan, were of value to every one present. It is gratifying to see the meetings so well attended this year.

Rev. C. E. Perry, of the Main street M. P. church, preached in chapel Sunday morning.

Prof. A. R. Sawyer will speak in the chapel meeting Sunday evening at 7 o'clock. This will be a union meeting and all are invited to attend.

In the chapel meeting Sunday evening Mr. Hurst spoke on some of the thoughts gained from a study of the life of Christ. Mr. Hurst took for the lesson John 14:9, showing the traits in Christ's life that showed the presence of the Father. The College quartet aided in the meeting by a special number of sacred music.

Carroll Morley visited College friends last week. He expects to resume his studies after the holidays. Mr. M. was a member of a party of 22 men who were engaged during the summer in measuring timber cuttings and collecting evidence in a case brought against the Denver & Rio Grande Ry. The work was confined to southern Colorado.

ALUMNI.

'78.

Among the many M. A. C. men who were in attendance at the meeting of the Association of Agricultural Colleges and Experiment Station workers were noticed three of the class of '78, viz., Prof. E. Davenport of the University of Illinois, Prof. J. Troop of Purdue University, LaFayette, Indiana, and Hon. H. F. Buskirk of our own board of agriculture. We also noticed that Prof. (Grandpa) Wheeler of the class of '91 seemed to be livelier than ever, due, probably, to the influence of the younger members of the family who doubtless claim a share of his attention.

'89.

E. A. Holden, master of Capital Grange in Lansing, attended a meeting of the county grange at Saginaw last week where he delivered an address which was well received by the Saginaw people.

'95.

Miss Alta Gunnison and Miss Katherine McNaughton graduates of '05 and Miss Edith Gunn, with '07 are continuing their studies in China painting with Miss Kedzie.

'98.

F. B. Ainger, '94-'96, is general agent for the Mutual Benefit Life Insurance Co. of New Jersey with headquarters at Detroit. D. C. Gage also with the class of '98 is district agent in Lansing and is with Dyer, Jenison, Barry Co.

'99.

Edward R. Russell is teaching evening classes in mechanical drawing, algebra, arithmetic, architectural drawing and descriptive geometry in the Detroit Business University. He states that the work is ungraded and very interesting. Mr. Russell is glad to see M. A. C.'s football team coming to the front and hopes they will land the cup.

'04.

John O. Greenway is with a surveying party in the west. It is believed he is in Washington at present.

'04.

Paul N. Flint is in Urbana, Ill., taking post graduate work.

'05.

C. I. Auten, C. E., is serving as topographer for the Chicago, Indianapolis, and Evansville Railroad. The party with which he is detailed has just completed 15 miles of difficult location, requiring two tunnels, respectively 1,700 feet and 3,300 feet long, through sandstone and rock. The plans will also call for a viaduct 4,050 feet long. While Mr. Auten's title is as above, he has on different occasions acted as transit man and level man, and has taken charge of the party several times in the absence of the chief engineer.

THE M. A. C. RECORD.

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TUESDAY, NOV. 21, 1905.

M. A. C. DEBATING CLUB.

The question discussed at the club last Thursday evening was as follows: Resolved, that municipal ownership of street railways is desirable. Messrs. Cade and McDermid were on the affirmative, while Messrs. Towner and Crosby defended the negative. The judges decided in favor of the negative. An excellent open discussion followed the debate, after which Dr. Edwards acted as critic in the usual satisfactory manner.

The question to be discussed at the next meeting is: "Resolved, that a beef trust does exist." It appears that the commission appointed by the government to investigate the beef trust had some difficulty in getting it located. Come and learn all about it.

THE PASSION PLAY.

Varied and numerous as are the means by which men seek to gratify the longings and passions of their being, just so numerous and varied are the purposes which prompt men to devise and produce amusements to satisfy those passions and longings.

The Greeks had their Olympic games, the Romans their gladiator and wild beast fights, the English their Shakespearian plays and the Americans their outdoor sports, all of which were designed to satisfy some one or more emotions of the people.

I think one may say without explanation of his assertion, that the most novel and perhaps peculiar way in which men seek amusement is the widely known "Passion Play," which is given in the little town of Oberammergau, in Bohemia, a province of Austria-Hungary.

For three hundred years, the "Black Death" had swept away the lives of many people of different parts of Europe, when in 1633 the people of that little town, Oberammergau vowed to celebrate the mercy that God had had on them by stopping the plague, and in the next year the Great Passion Play was first rendered.

Every tenth year thereafter the play was repeated, each time being revised, additions made, or objectionable parts omitted until about

1857 the last revision was made. Previous to that time the play consisted of two parts and later of three parts, as it now is.

Each scene is preceded by a picture of some Old Testament event, singing and recitals, from which the spectator receives his information as to the nature and contents of the scene to follow.

The first part, consisting of seven scenes, is given in the forenoon, and represents the life of Christ up to the betrayal by Judas and his arrest on the Mountain of Olives.

The first scene is devoted to the life of Jesus during childhood until his entry into Jerusalem, when he accompanied his parents to the passover.

Since nothing is known of his career from that time until he began preaching, the next scene represents the great Jewish conference, the Sanhedrin, when they were planning to bring Jesus into their power, for they hated him and were fearful of his growing influence among the people.

Following this are scenes portraying Christ's farewell to his mother and friends at Bethany before going on one of his preaching tours, and his "Last Walk to Jerusalem" at which time Judas conceives the idea of betraying his Lord and Master.

It is then that the tragedy actually begins. At the passover which has since been called "The Last Supper," Christ exposes the traitor and washes his feet. Then Judas delivers Jesus to the Pharisees on the Mount of Olives after receiving his twenty pieces of silver and the play reaches its first climax.

It is then twelve o'clock and an hour and a half is taken for noon intermission.

In the afternoon the second and third parts consisting of ten scenes, are given.

The entertainment re-opens with Christ on trial before Annas, where he is found guilty of breaking Jewish laws. He is then taken to a higher tribunal, where he is again found guilty, and Caiaphas declares him to be worthy of death, yet they dare not put him to death, for he has broken no civil laws. Still he is led before Pontius Pilate, who finds him innocent and declares he finds no fault in Christ. The angry Jews then take him to Herod, the king, who is afraid of Jesus for the safety of his throne, and sends him and returns him to Pilate. Pilate tries to abate the anger of the Jews by compelling Jesus to wear the crown of thorns, gives them a choice between Barabas, the robber, and Christ. They are so wrought up that they will not be satisfied without the death of Jesus, so Pilate weakens and condemns Christ to be crucified and allows Barabas to go free.

At this time the great climax of the play is reached, and Christ is led to Calvary, laden with the cross. Following him and weeping are his friends, and he meets his heart-broken mother.

He is then crucified and his side pierced with the spear and after all signs of life have disappeared he is buried in the tomb and his body carefully watched.

The Resurrection and Ascension scenes close the play and the crowd is dismissed.

The most striking scenes of the play are "The Entry of Christ into Jerusalem," "The Parting at Bethany," "The Last Supper," "The Despair of Judas," "Jesus Con-

demned to Death" and the "Crucifixion."

Unfortunately the scenes of the Resurrection and Ascension are not satisfactory to the spectators or at least not as good as the others.

Although the music is not as harmonious as it might be yet it is said that the music and oratorios which precede every scene are hard to be excelled. All of the music and recitations are especially well adapted to the play.

Throughout the whole performance a deeply spiritual feeling is expressed and a distinctly religious character retained.

Many of the scenes are given in tableaux, and are well conceived and the figures are well exposed to view. There upon the stage the actors pose like wax figures, making the scenes very impressive.

It seems marvelous that so simple and ignorant a people as the people of Oberammergau should render such a play and do it so well, but when we consider that they practice for over a half year it does not seem so great.

Other remarkable features of the play are the masterful scenery and beautiful costumes which so well represent the customs of the times of Christ.

All of the five hundred or more actors keep calm, retain their dignity, act perfectly natural and quiet, and appear unconscious of the audience watching them.

From the very beginning the intensity of the play increases, and it would be very difficult for any one, were he pagan, atheist, or Christian, to so control himself as not to be moved by the human tragedy being enacted before him.

O. K. W.
Union Literary Society.

Y. W. C. A.

The Thursday evening meeting was conducted by Mae Louise Reed. The Scripture lesson was taken from I Cor. 3, and the convention's verse, "Be ye laborers together with God" was taken as the topic.

We were favored with a vocal duet by Misses Caroline and Julia Ellsworth.

The delegates were called upon to tell the association of what each enjoyed most, and all responded readily with what they thought most helpful.

HORT. CLUB.

On Wednesday evening Mr. A. G. Craig read a paper on Mendal's Law. He gave a short biography of Mendal, and an exposition of Mendal's original paper, afterwards giving some of the results of work done by Hugo De Vaus of Holland; Correns of Germany; Bateson of England, and W. J. Spilman of U. S. Dept. of Agr., all of which went to prove that Mendal was correct in most of his conclusions. Mendal's laws have reference to bisexual crosses only and explain the relation of the offsprings of crosses to their parents.

"In crossing two varieties or species having at least one set of unit characters which differ more or less, it is quite indifferent how the two types are combined, or which of them is chosen as pistillate and and which as staminate parent."

In certain instances hybrids are strictly intermediate between the parents. In others they are unlike

either parent. In the more common case the hybrid either shows a parent character fully developed or shows in not at all. A parent character which is fully developed in the first generation of hybrids is said to be "dominate;" if it is apparently absent it is said to be "recessive."

In the work of crossing tomatoes by the horticulture department the Livingstone Stone, a tall variety crossed with Dwarf Aristocrat, the tall character as has been dominate and the dwarf character recessive.

Mr. Craig showed by diagrams how the law could be of good advantage to the hybridizer in selecting to fix the desired type, and how it could be used as a guide in choosing parents for a cross.

Questions were asked and a discussion followed.

NORMAL INSTITUTE.

Special women's sections will be held in the parlors of the Women's Building the remainder of the week as follows:

WEDNESDAY, NOVEMBER 22, 3 P. M.

Kitchen Utensils (40 min.), Miss R. H. Colwell.

Home Dressmaking and the Care of Clothing (40 min.), Mrs. J. L. K. Haner.

THURSDAY, NOVEMBER 23, 3 P. M.

House Plants and Their Care (40 min.), Thomas Gunson.

Bacteriology of the Household (40 min.), Dr. Chas. E. Marshall.

FRIDAY, NOVEMBER 24, 2 P. M.

Possibilities in Economic Cookery (40 min.), Miss R. H. Colwell.

Hardy Shrubs and Herbaceous Perennials (40 min.), Thos. Gunson.

Demonstration exercises will be held as follows:

Wednesday, 8 to 9 a. m.—Dairy Demonstrations, Dairy Building.

Wednesday, 1 to 2 p. m.—Visit Horticultural Department, Spraying Demonstrations.

Thursday, 8 to 9 a. m.—Practical Corn Judging.

Thursday, 8 to 9 a. m.—Exercises in Sewing Rooms, Women's Building.

Thursday, 1 to 2 p. m.—Visit Mechanical Department.

Thursday, 1 to 2 p. m.—Exercises in Domestic Art Department, Women's Building.

Friday, 8 to 9 a. m.—Visit Women's Department (Class Exercise).

Friday, 1 to 2 p. m.—Practical Stock Judging and visit to Veterinary Department.

Friday, 1 to 2 p. m.—Exercises in Domestic Art Department, Women's Building.

Saturday, 8 to 9 a. m.—Visit Greenhouses and Chemical and Physical Departments.

Miss Elva Davis, '05, visited college friends one day last week. Miss Davis has recently started a violet house in Ionia and expects to devote all of her time to the work for the next two years. Her plants are all in a healthy condition and a good season is anticipated.

A. E. Kocher, '02, called on college friends the past week while on his way to his old home in Antrim Co for a visit. Mr. Kocher is with the bureau of soils, department of agriculture, and seems to be thoroughly enjoying his work which has been for some time in the state of Texas.

A Good Assortment Of

Carving Knives and Forks
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Nickle Sad Irons
Pocket Knives
Tea Kettles
Wringers
Shears

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ABOUT THE CAMPUS.

Dr. Edwards is entertaining
friends from Virginia.

Miss Bernice Jackson '05 visited
college friends over Sunday.

Prof. Jeffery judged corn at an
institute held in Ann Arbor recently.

The King's Daughters met with
Mrs. Snyder Wednesday afternoon
at 2:30.

Miss Clara Campbell, '05, was a
visitor at the College Thursday of
last week.

Director Brewer was confined to
his home several days the past week
with quinsy.

The State Board will hold a meet-
ing in the board rooms Wednesday
afternoon of this week.

Mr. and Mrs. Warren Finn, of
Traverse City, are visiting their
son, W. Clyde and family.

Little Corine Potts who has been
ill for several weeks is much better
and will soon be around again.

Those "unearthly" Indian relics
have not as yet shown up. That
was what some termed "sensational
news."

It is hoped that each department
will submit program for winter
term's work at the earliest possible
moment.

Building goes merrily on in spite
of fall weather. Mr. Cook's new
house in Collegeville is going up
quite rapidly now.

Albion admits defeat because M.
A. C. won the game by good play-
ing, but states that on the merits of

the playing of the two teams, the
score should have been about 30 to
24.

On Thursday, Nov. 23, occurs
the dedication of Normal Hall, the
new building at the Western State
Normal School, Kalamazoo.

R. C. Edwards, who has been ill
in the hospital since the middle of
October, left for his home in Frank-
ford Thursday of last week.

Prof. Dandeno and family have
moved out of the Woodbury house
in Oakwood and are now located on
South Pennsylvania avenue in the
city.

Mrs. Mina Pottruff, of Lansing,
is employed by the botanical depart-
ment mounting and filing plants
which will be used in the depart-
ment work later.

Work on the new dormitory is
again moving along very nicely.
Quite a delay was caused for a time,
the contractors not being able to get
a supply of brick and stone.

Jack Shaw writing from Balti-
more, states that Miss Moxness, who
was assistant in the experiment
station laboratory last year, expects
to return to America next spring.

Mr. Gunson is moving a number
of large maple trees, some of which
are 30 feet in height, from the wind
break near the vegetable garden to
the driveway bordering the stock
yard.

Geo. J. Elliott who was obliged
to leave College last year on account
of illness, was a College visitor last
week. Mr. Elliott expects to study

chemistry and pharmacy at Purdue
this winter.

A. E. Achard, 1901, met with a
painful accident Wednesday even-
ing, while coming down stairs at the
"White Elephant" he missed his
footing and fell. His ankle was
badly sprained but he will be out in
a few days.

LOST—On Sunday, November
12, either in the Congregational
church Lansing, or on the way out,
or in Oakwood, a ladies hunting
case gold watch, marked K., chain
and pin. Finder please leave at M.
A. C. post office and receive reward.

The Hort. teams are now busy
pulling trees in the south orchard,
leaving them two rods apart in the
rows each way. It has been found
possible to pull about 150 per day.
It will be necessary to use dynamite
to remove many of the large trees
in the old orchard.

Dr. Oscar Palmer, former mem-
ber of the State Board of Agricul-
ture and now prosecuting attorney
of Crawford county, is conducting
the case against Mrs. N. Aldrich
at Grayling, the woman accused of
poisoning her two boys to obtain in-
surance money.

On account of the increased
amount of business at the book
store it has been found necessary to
build additional quarters. A room
12x15 feet in size is to be added to
the west side of the present quarters
which will make a room just twice
the size of the present one.

A very valuable three-year-old
short horn bull bred by the college

has just been sold and delivered to
Mr. L. M. Georgie. It is gratify-
ing to know that this animal is go-
ing into the pens of a stock breeder
in the vicinity of St. Johns rather
than out of the state.

Hermus Nickodemus, '08, is ill
at his home in Saginaw. Mr. N.
had not been feeling well for some
time and decided to go home and
recuperate. It is hoped that he may
soon be able to return and resume
work.

"Soil Fertility" is the title of a
reprint from the November Popular
Science Monthly by Prof. J. B.
Dandeno. The subject is discussed
from the chemical, physical, bacteri-
ological and ecological standpoints.
Prof. Dandeno also has an article in
Science, N. S., of Nov. 3, on "The
Parachute Effect of Thistle-Down."

Holiday rates will be granted to
those students desiring to go home
for the Thanksgiving vacation.
The rate will begin November 29
and return limit December 2. All
students desiring student certificates
can secure same by calling at Presi-
dent Snyder's office Tuesday after-
noon and Wednesday.

The institution has just received
a pen of six standard Delaine ewes
and a ram of good breeding and
high individual merit. The medium
wool breeds at the institution are
quite well represented with flocks
of fairly equal numbers and uniform
in quality, and considerable attention
is now to be given to the strength-
ening of the fine wool flocks.

President Snyder and Prof. Kedzie attended the Grand Rapids M. A. C. Alumni Association meeting last evening.

The following items concerning the Albion game will be of interest: Total receipts, \$696.45; expenses, \$106.32; net profits to association, \$590.13.

J. A., G. and Fred Cavanagh were called to their home, Mt. Pleasant, last week on account of the death of a brother, Edward. The young man was only sixteen years of age and doctors were unable to state the exact cause of his death. The RECORD extends sincerest sympathy to the bereaved family.

Following are the percentages of the various football teams in the intercollegiate:

M. A. C.	-	-	-	1000
Kalamazoo	-	-	-	600
Albion	-	-	-	600
Alma	-	-	-	500
Olivet	-	-	-	400
Hillsdale	-	-	-	000

Prof. C. L. Weil gave a talk before a branch of the National Association of Stationary Engineers at Kalamazoo, Saturday evening, November 18th. The professor spoke on "The Efficiency of the Engineer and How to Increase His Capabilities." The lecture was both interesting and instructive and was highly appreciated by those who were present at the meeting.

A very sad accident occurred on the street car line Saturday morning. On account of a dense fog the 7:40 College car collided with the Pine Lake car just east of Pennsylvania avenue. The motorman on the College car had both legs crushed below the knees, and died about ten o'clock the same day. No one else was injured on either car. The vestibules of both were literally torn in pieces.

The Tau Beta Pi fraternity were busy with initiations last Friday. Five new members were given a start, the fountain and coal yard being the scenes of action. From the top of the fountain the victims poured fourth oratory (?) each hour as classes were passing, and at the coal shed they were found busy shoveling cinders. The new men were G. P. Boomsliker, L. J. Smith, I. M. Phippeny, A. C. Pratt, and W. E. Wilson.

Sixteen high grade Angus cattle have recently been purchased in Chicago and brought to the College to be used for experimental purposes during the coming winter. The animals are an exceptionally uniform lot containing a high per cent of Angus blood, and it is expected that they will develop into a lot possessed of remarkably good qualities. They are beyond any question of doubt the best lot of steers the institution has used for this class of work for some time. The animals are to be used in making a comparison of relative values of certain corn products, dried beet pulp, etc.

E. J. Kraus, '07, is conducting experiments in the greenhouse on soils for the growth of head lettuce. For this experiment the department has secured ten barrels of soil from the famous lettuce houses of W. W. Rawson, near Arlington, Mass., where head lettuce is grown so successfully. Mr. Davis, a noted grower of Grand Rapids, has also sent an equal amount of soil from his own house. The soils of different character and grades of fertility and

texture will be mixed in the greenhouse for this experiment. The object of this experiment is to demonstrate, if possible, that head lettuce can be grown in Michigan with profit provided the proper soil be used.

The program in the horticultural department before the institute speakers on Wednesday, from 1-2, will be as follows:

1. Visit to a class in horticulture.
2. Examine display of fruit from cold storage in lecture room. Attention will be called to new and noteworthy varieties.
3. Mr. Craig will outline his experiment for next year on the breeding of blight resisting varieties of potatoes.
4. Mr. Woodbury will report recent results of spraying for San Jose scale.
5. Mr. McCue will report results of experiments in potato spraying on department grounds the past season.
6. Demonstration of the power sprayer at work on trees near cold storage plant.
7. Examination of cold storage— explanation of construction.

There are to be five-minute talks.

At eight o'clock Saturday evening the faculty and friends of the senior girls were received in the parlors of the women's building. Upon arrival each visitor was presented to the Dean at the head of the class of '06, and to each of the seventeen members of the class in turn. There were nearly two hundred guests present and a feeling of informality unusual to such occasions put every one at ease and enabled all to pass a most enjoyable evening. The halls and parlors were tastefully arranged and the music by Messrs. Perry and Hallack and by the young ladies' quintette, trained by Miss Freyhofer, was greatly enjoyed by all. During the evening a dainty lunch was served by the junior and third year girls. The tables were prettily decorated with flowers and tapers which added much to the beauty of the scene. These functions are of importance in the life of the college student and serve to make the last year of college life one to be remembered with much pleasure.

The U. S. Civil Service Commission announces an examination on Dec. 6-7, 1905, to secure eligibles from which to make certification to fill two vacancies in the position of fourth assistant examiner in the Patent office, at an entrance of \$1200 per annum each and similar vacancies that may occur.

Qualified persons are urged to enter this examination as some difficulty has been experienced in securing eligibles in two former examinations.

The commission also announces an examination on Dec. 13-14 to secure eligibles from which to make certification to fill vacancies as they may occur in the position of topographic draughtsman in any branch of the service.

The examinations are to be held at the following places in Michigan on the dates given above: Detroit, Grand Rapids, Manistee, Marquette, Saginaw and Sault Ste Marie.

These announcements have been placed on the bulletin board in the library building.

The boy stood on the burning deck,
His head was in a whirl
His eyes and mouth were full of hair
His arms were full of girl.

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