

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 11.

LANSING, MICHIGAN, TUESDAY, OCT 31, 1905.

No. 7

## FOOTBALL.

### M. A. C. 18—HILLSDALE 0.

The second cup game of the season was played at M. A. C. on Oct. 23, and resulted in the above score. As this game came on so soon after the hard one with Olivet, a patched-up team was used throughout. In the first half Hillsdale put up a good game and gained nearly as much ground as did M. A. C. They carried the ball to our 25 yard line but lost it on a fumble. Hillsdale's sprinter Myers made several long quarter-back runs and the right end was also especially strong. M. A. C. secured one touchdown in the first half by Allen and two in the second by Fisk and Boomsliter. For M. A. C. Boyle, who took McKenna's place in the first half, put up a fine game making several fighting gains. Kratz also made some long gains by hurdling and good dodging. The game was called at four o'clock and darkness came on soon after the second half was started. Length of halves played, 25 and 13 minutes. The following line up will show something of the way the players were shifted:

C—McDermid.  
R G—Fisk, Wright.  
R T—Wright, Boomsliter.  
R E—Frazer.  
L G—Parker, W. H.  
L T—Shedd, Fisk.  
L E—F. Parker, Holdsworth.  
Q B—Small.  
L H—Kratz, Shedd.  
R H—Boyle, McKenna.  
F B—Allen, Doty.

### M. A. C. 18—ARMOUR 0.

M. A. C. added one more game to her string of victories Saturday by defeating Armour Institute by the above score. The game was the closest and best, from the spectators' point of view, yet seen on our field. M. A. C. played good ball in spots, the team work being somewhat ragged at times, due partially to the new signals and formations which had just been worked up during the week. Armour played a plucky game and had as good a team of clean tacklers and players as has been seen here.

McKenna won the toss and chose the wind. Armour kicked off and after a few short gains M. A. C. was forced to punt. Small fumbled the pass and Armour secured the ball on our 35 yard line. They were held and then tried a place kick, which went wild. This was the nearest the visitors got to our goal with the ball in their possession and their only chance to score. Neither side could gain consistently for the next few moments, and in the exchange of punts which followed M. A. C. got the better of the exchange by the good work of Boyle, Holdsworth and Burroughs, in preventing Armour from running back the punts. M. A. C. finally took the ball in about the middle of the field, and by steady ground gaining finally sent McKenna over for the first touchdown.

Armour again kicked off. M. A. C. was forced to punt and immedi-

ately held. Armour returned the punt, kicking out of bounds giving M. A. C. the ball near the middle of the field. Kratz now made several good gains followed by a perfect quarter back kick, McKenna securing the ball on Armour's 5-yard line, and on the next play Small went over the line for the second and last touchdown in the first half, the score being 12 to 0. During the next few minutes of play the work of the visitors was the fastest seen here for some time. On a delayed pass, the quarter back made 45 yds. around Holdsworth and then by steady gains carried the ball to our 40-yard line when time was called.

In the second half M. A. C. kicked off to Armour, but neither side could gain consistently. Near the beginning of this half Kratz wrenched his hip and was taken out of the game, Shedd going in at half, Fisk changing to tackle and Wright brought in as guard. The ball now sea-sawed between the two 45-yard lines for some time, M. A. C. finally getting it on the 30-yard line where a place kick was tried but failed by a narrow margin. Frazer now went in and relieved Doty. Armour punted out from the resulting touch back and M. A. C. carried the ball back to the 25-yard line where the second place kick was tried but this also went wrong. Armour now punted to the 25-yard line and M. A. C. took the ball and by rapid playing and good line plunges by Frazer, placed the ball on the 12 yard line. From here McDermid was sent over for the third touchdown.

In the first half the steady gains by Kratz was a feature. The other side of Armour was strong and scarcely any of the gains were made there. Our line did not show the aggressiveness which they have in past games, both the line and the secondary defense were often caught up in the air by the quick offense of the visitors.

For Armour, their quarter back was a star and their left tackle did effective work in breaking through and smashing up plays. The two ends were the strongest seen on our field this year and the first our men have struck that they could not get around.

The visitors played good clean ball throughout and seemed well pleased with their treatment at M. A. C.

The following is the line-up of the two teams together with the weights of each player. The teams are very evenly matched as to weight.

Armour		M. A. C.	
	Wt		Wt
Hepp	155	R E	152
Pierce	180	R T	174
Henning	188	R G	175
Uhlenborn	165	C	190
McDonald	200	L G	174
Davis	170	L T	168
Silberman	168	L E	142
Matthews	130	Q B	135
Trinkhaus	158	R H B	157
Frary	156	L H B	159
Pegnes	170	F B	160
Average Wts.		Armour, 167; M. A. C.,	
		162.	

Next Saturday M. A. C. plays Kalamazoo at Kalamazoo. This is the third cup game and M. A. C. must win. Kazoo has been doing some good work this season and this game on Saturday promises to be a good one. She played Albion a hard game, each side scoring one touch-down, Albion winning the game on place kicks from the field. She won easily from Olivet, and when the scrappy Olivet-M. A. C. game is taken into consideration, it is a pretty sure thing that this will be one of the games to decide who's who. They held Michigan to a low score, and if M. A. C. gets 30 to 0 they ought to be satisfied. There is some talk of a crowd accompanying the team, but this cannot be stated definitely at this time.

## SECOND TEAM vs. OLIVET.

The game between the Second Team and Olivet, Monday, Oct. 23, was one close and doubtful as to the winner up to the last minute of play. In the first half neither side could score although Olivet had a strong wind at her back which gave her two touch-backs. In the second half M. A. C. fumbled on her 20-yard line and Olivet by steady gains through the line rushed over for a touch-down. Thomas failed at goal. After this there was a continual hold up on both sides until the half was closed with the ball in Olivet's possession on her own 2-yard line.

Line up of M. A. C.: L E—Waker; L T—Taylor; L G—Perry; C—Bliss, Tanner; R G—Sterling; R T—Wallace; R E—Bartlett; Q B—Gasser; R H—Morrison; L H—Kurtz, Green; F B—Allen.

Time of halves 20 minutes. Referee Nadal, Olivet. Umpire Hurst, M. A. C. Touchdowns, Wilson.

## Y. M. C. A.

The Christian Associations of the College are fortunate in securing as a speaker for next Sunday evening Prof. George B. Randalls, of Alma College.

The meeting last Thursday evening was taken up with missionary thoughts. Mr. E. P. Robinson, chairman of the missionary committee, conducting the services. The call to the foreign field as compared to that of the home field was discussed by Mr. Robinson and Mr. Hurst.

Rev. C. D. Ellis, of Yale, Mich., occupied the pulpit in chapel Sunday morning. Mr. Ellis preached a helpful sermon on the responsibility of man because of his peculiar ability.

Mr. L. E. Buell and Mr. F. A. Garrison of the state committee gave stereopticon lectures in the Plymouth Congregational and Central M. E. churches Sunday evening.

President Snyder was at Olivet Wednesday of last week, where he attended the installation ceremonies of President Lancaster.

## ALUMNI.

'90.

E. J. Rowley has changed his address from Strathcona, Alberta, to Olds, Alberta. He is on his third trip west of Winnipeg and is just now going on his homestead claim, 70 miles northeast of Calgary.

With '03.

Frank W. Tufts, formerly of Lansing, was married Wednesday, Oct. 18, to Miss Elsie M. Stephenson, of Hillsdale, at Kerrtown, Pa. After a short visit in Cleveland the young people will be at home on Henderson avenue, Kerrtown.

'04.

A. R. Carter is now employed as masonry inspector for the I. C. Ry. Co., at South Elmhurst, Ill. He requests that friends address him in care of F. W. Patterson. Mr. Carter wishes to be remembered to his College friends.

'05.

A communication from A. A. Fisk states that he is enjoying his work very much down in Cuba. His work at present is really landscape gardener for the Experiment Station. His address is Santiago de las Vegas, Cuba.

'05.

George R. Fryman is surveying for the Atchison, Topeka & Santa Fe Ry.

'05.

We are glad to report the whereabouts of Mr. Wilfred Strong in this issue, he being one of the two we were obliged to omit in our list as it was impossible to locate him. Mr. Strong is drafting for the Michigan Automobile Co., of Kalamazoo. His address is 808 Academy street. Mr. Strong sends best wishes to all connected with M. A. C.

'03.

"Athens, Mich., Oct. 22, '05.

Editor M. A. C. RECORD:—

Dear Sir: I enclose fifty cents to renew my subscription to THE RECORD. It is the only way we have of hearing of most of our friends and classmates, and keeping in touch with the College life. I am especially interested in news from alumni of my acquaintance and hope you will continue to expand the alumni column, and that my classmates will not be too modest to report their whereabouts and occupation.

As for myself and wife, (Edith May Sias, with '05,) we are busy-ing ourselves at farming and fruit raising at Athens, Mich., and doing a little correspondence work for agricultural and horticultural journals on the side. Miss Helen Hazel Hartman is just a year old next Hallowe'en, and is preparing to enter M. A. C. fifteen years hence. We expect to visit M. A. C. at the next triennial, and hope to see many of our College friends.

Very truly,  
S. B. HARTMAN."



# THE M. A. C. RECORD.

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MICHIGAN STATE AGRICULTURAL COLLEGE

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however, to secure the paper regularly is to sub-  
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TUESDAY, OCT. 31, 1905.

## M. A. C. DEBATING CLUB.

Those who attended the last meet-  
ing of the club were well entertained  
by a very instructive discussion of  
the subject of socialism. A great  
deal of information about the prin-  
ciples of socialism was to be gained  
from the arguments presented.  
The question debated was: "Re-  
solved, that the fundamental prin-  
ciples of socialism are economically  
sound." The speakers on the af-  
firmative side were Mr. L. R. Dor-  
land and Prof. W. O. Hedrick, on the  
negative side, Prof. E. H. Ryder  
and Mr. A. L. Darbee. The deci-  
sion of the judges was unanimously  
in favor of the negative, although  
the judgment of audience did not  
seem to verify this decision. Mr. R.  
C. Potts acted as critic.

The question to be discussed at  
the next meeting is: "Resolved:  
That the articles of Thomas Lawson  
on 'Frenzied finance' have failed to  
benefit the general public." No  
comments upon the good judgment  
shown by the committee in the  
choice of this question are necessary.  
A discussion of the disclosures con-  
tained in Lawson's article is sure to  
be of great interest to every one.  
No one should miss this opportunity  
to become informed upon one of the  
most important current topics of the  
day.

## COLLEGE ORCHARDS.

It is planned to remove this win-  
ter all of the old orchard of four and  
one-half acres, but four rows of  
Spys, which will be kept for class  
work. The trees are mostly fifty  
years old, having been planted by  
the first president of the College,  
and have passed their usefulness.  
Being planted on a poorly drained  
site, where the hard pan comes close  
to the surface in some places, they  
have made the twisted growth of  
trunk characteristic of such sites,  
with the result that all the trees  
have split apart very badly, and  
nearly a third have already been re-  
moved. Of the remainder there is  
not one that is not rotten-hearted  
and maimed. The land will be  
rested in clover for a few years be-  
fore being used for experiments in  
horticulture, but it is not considered  
advisable to set fruit trees upon it  
again because the site is too low and  
wet.

Other plans for the orchards are  
maturing. The East Extension or-  
chard of about five acres, east of the  
old orchard just referred to, is  
mostly of Russian varieties. With  
the exception of three or four sorts,  
and a few that have not fruited yet  
these Russian varieties have proved  
to be worthless for this part of the  
country. It is proposed to remove  
this orchard, which is no longer use-  
ful, either this winter or next.

Further changes and additions in  
the horticultural department will ap-  
pear in the next issue of the  
RECORD.

## HORT. CLUB.

Those who attended the Club  
last Wednesday evening listened to  
very instructive as well as interest-  
ing talk by O. K. White. He told  
some of his experiences in harvest-  
ing and marketing the cherry crop.  
Such talks by men who have had  
practical experience along these  
special lines are always interesting,  
and of value to those who hear them.

The Club has started a horti-  
cultural reading room. Here will  
be found about fifty or seventy-five  
of the leading horticultural and  
farm papers published in this  
country and Europe. The reading  
room is open at all times during  
the day, and all students are urged  
to take advantage of this fine oppor-  
tunity of keeping abreast of the  
agricultural and horticultural news.

## FARMERS' CLUB.

About 70 of the students and  
members of the faculty came out  
Tuesday night to hear Dr. Water-  
man speak on "The Lead Pencil—  
A Factor in Successful Agricul-  
ture." He opened his speech by  
saying that the lead pencil was as  
important in successful farming as  
the plow. He said the farmer should  
do as the merchant does, and take  
into account every expense of put-  
ting his produce on the market, and  
then he would know whether he  
was gaining or losing. The dairy-  
ing business was taken as an exam-  
ple of the departments of a farm  
that could be made more profitable  
by the use of the lead pencil. It is  
shown by statistics that the average  
cow of the United States only gives  
3,000 pounds of milk in a year. It  
is also determined that a cow must  
give 5,000 pounds of milk a year to  
pay for her feed. We see then that  
the average cow is losing the farm-  
er money. Why not find out which  
cows do pay and which do not? It  
takes two minutes to weigh a cow's  
milk each day or six hundred min-  
utes, ten hours, a year. This would  
be an expense of \$2, and if by this  
he found that one cow paid him \$25  
and another lost him \$5, which  
would undoubtedly be the case, his  
\$2 was well spent. After that he  
would begin to sell off his poor  
cows and keep only the profitable  
ones, and then he would try a change  
of feed and determine which was  
the best milk producing feed. And  
when he had gotten the dairy de-  
partment on a firm footing he would  
look to the other departments, and  
soon the farm would be on a sound  
business basis.

Dr. Waterman said that every  
eminently successful farmer had  
used the lead pencil, and the only  
reason why a farmer can live with-  
out it is because there is more profit  
in agriculture than any other indus-  
try.

## FORESTRY CLUB.

Forestry club met on Tuesday  
evening, October 24th, at the  
usual hour. C. H. Goetz gave us  
an interesting talk of his experience  
in the Michigan Forest Reserve in  
Roscommon county. The speaker  
had spent two months of the sum-  
mer vacation in the Reserve and  
gave his audience a number of new  
ideas as regards practical Forestry.  
The club meets every two weeks  
on Tuesday evening in the Dairy  
building and it is hoped that all that  
are interested in Forestry will turn  
out to these meetings, as a great  
many interesting topics are discussed  
and you cannot afford to miss them.

## Y. W. C. A.

Miss Sarah B. Avery conducted  
the Thursday evening meeting in  
her usual pleasing manner. She  
chose as her subject, "The Simple  
Religion," and spoke of God's gift  
of life, of the body in relation to the  
soul, the avenue of prayer, soul food  
versus starvation, also of the oppor-  
tunities and duties of life as follows:  
In the morning, work; at the noon-  
day, give counsel; in the evening,  
pray.

The conscience is a spark of  
divinity, and our leader urged us to  
make it our guide. There was a  
short business meeting held at the  
close of the regular meeting to  
arrange for Bible study classes.  
Three of the students of the build-  
ing have promised to take charge of  
classes, the time to be set later.

## ADDRESS TO STUDENTS.

Prof. Geo. B. Randalls, of Alma  
College, has been secured to deliver  
an address Sunday evening, Nov. 5,  
to the students of M. A. C. in the  
College chapel. Prof. Randalls has  
occupied the chair of psychology in  
Bellevue College, Neb., the past  
two years, and on the death of Prof.  
Ewing, of Alma, was called to that  
institution. He will deliver an ad-  
dress that will be of interest to every  
student.

Mr. A. J. Patton, chemist of the  
experiment station, will render a  
vocal solo in the same meeting.  
Every one in College is invited to  
attend this meeting, which promises  
to be one of the best of the year.

## LEON HOWARD PULLEN.

Death has taken from us a strong,  
noble young man. Leon Howard  
Pullen left school but a few days  
ago with a slight attack of typhoid  
and was not considered in a danger-  
ous condition until last Thursday.  
It was seen then that the disease  
had a firm grip upon him, and  
through that day and the next he  
grew constantly worse until death  
came at 7:30 Friday evening.

Mr. Pullen was a well known  
member of the Junior class, a mem-  
ber of the Eunomian Literary So-  
ciety, and an active worker in all  
lines of religious work. The news  
of his death came as a shock to the  
community Saturday and caused a  
great deal of sadness among his per-  
sonal friends.

Memorial services were held in the  
chapel Sunday evening, and many  
tributes were paid to the memory of  
Mr. Pullen. Mr. Fisk as presi-  
dent of the Y. M. C. A. in which  
Mr. Pullen had always been a

helpful member, spoke of the true  
Christian character and the eager-  
ness for Christian service. Mr.  
Gasser, a classmate, told of his fair-  
ness in all matters where students  
were concerned and of his unflinch-  
ing stand upon principle. Mr.  
Locke spoke of Mr. Pullen as he  
had known him in the literary soci-  
ety where he had been an inspiration  
to all. Prof. Sawyer spoke of the  
sincerity always shown in his work  
as a student and the clearness with  
which he could see character in  
every act of the young man's life.

President Snyder said the stu-  
dents of M. A. C. ought to receive  
a lasting inspiration from the life of  
one who had shown such noble  
character. The thought that one  
should work under difficulties and  
reach the upper classes in college  
exerting a Christian influence upon  
all who knew him should be an in-  
spiration to everyone. In closing  
the meeting Mr. Hurst told of the  
longing Mr. Pullen's friends would  
feel for one who had been so true  
and kind a friend. Indeed M. A.  
C. has lost one of the men who  
help to make her great.

## RESOLUTIONS.

WHEREAS, It has pleased our  
Heavenly Father to call from this  
life our beloved brother, Leon How-  
ard Pullen, and

WHEREAS, He was a highly es-  
teemed member of the Eunomian So-  
ciety, be it

Resolved, That we, in behalf of  
the society, extend to the bereaved  
family our heartfelt sympathy, and  
be it further

Resolved, That a copy of these  
resolutions be sent to his parents,  
and a copy be published in the M.  
A. C. RECORD.

W. K. HOUGH,  
R. A. TURNER,  
Com. on Resolutions.

M. J. Dorsey has in the cold stor-  
age many bushels of apples and  
pears which he is using for experi-  
ments in the keeping of fruits.  
Some of the practical questions that  
he is trying to answer are: "How  
much are the keeping qualities of  
fruits reduced by the removal of  
stems while picking? To what ex-  
tent is carelessness in handling re-  
sponsible for poor keeping? How  
much do codlin moth and scab influ-  
ence the keeping of fruit?"

The Horticultural reading room  
is now open to the student body.  
About fifty of the leading horti-  
cultural and agricultural periodicals are  
now on file, and more will be added.  
Practically all of these periodicals  
are donated by the publishers. It is  
planned to enlarge the reading room  
by adding a part of the waste space  
now included in the hallway. The  
reading room is open from eight a.  
m. to five p. m. It is hoped that stu-  
dents will use it freely.

C. G. Woodbury, graduate stu-  
dent in horticulture, is completing a  
map of the college grounds, showing  
the location of the San Jose Scale,  
which has become established in  
several places. He will spray for  
the scale next spring. Mr. Wood-  
bury is now making spraying ex-  
periments for this insect in the  
orchard of H. P. Gladden, the par-  
ticular object of which is to deter-  
mine the comparative efficiency of  
fall and spring applications. He is  
pursuing laboratory studies and ex-  
periments on the scale under Pro-  
fessor Pettit.



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## ABOUT THE CAMPUS.

Prof. Kedzie spent a few days in Detroit last week.

Instructor Reed's new house in Oakwood is growing nicely.

This is certainly "golden-hued October". The best fall yet.

Quite a number of students were kept busy Saturday raking up leaves.

By an oversight the name of Jas. Mumford, a, was omitted in the list of new students.

The note concerning Mr. Rogers in last week's RECORD should have read Roberts instead.

Alida Alexander, '06, was called to her home Saturday on account of the illness of her father.

Dr. Herbert L. Willett is the next lecturer on our entertainment course. Watch for announcements.

H. A. Nicholls, sub-freshman a, of Detroit received a visit from his father one day last week.

Mrs. Myers is receiving a visit from her parents, Mr. and Mrs. F. W. Bassett, of Champaign, Ill.

O. B. Burrell, '05, field manager for the H. C. White View Co., called on College friends recently.

Prof. Smith is in Cedar Rapids, Iowa, this week, where he speaks Nov. 1 before a dairymen's association.

The Botanical Department has received a fine sample of cotton from L. H. Dewey '88 of the U. S. Dept. of Agr. Mr. Dewey is chief of the division of plant fibres.

Prof. Smith gave an address before the Northern Michigan Teachers' Association Saturday of last week.

The November number of Success is to contain an article by Pres. Eliot of Harvard on The Evils of Football.

Miss Ruth V. Landers, of Riley township, near Merle Beach, spent Sunday with Miss Bentley, of the President's office.

Mrs. Jenison has been very ill at home on the Delta for two or three weeks. She is reported to be some better at this time.

R. C. Edwards, '09, who has been in the hospital for a couple of weeks, is much better and will, it is expected, be out this week.

Mr. H. Nichols and S. Doud of Fremont were guests of the former's nephew, ye editor, Tuesday and Wednesday of last week.

Mr. Chas. Williamson, instructor in chemistry the past year, is now in the bacteriological department of Frederic Stearns Co., Detroit.

Professor Fletcher and Instructors Craig and McCue are to speak before the State Horticultural Society at Grand Rapids, in November.

H. H. Curtis, with '04, of Lyons, was a College visitor Saturday. Mr. Curtis expects to again enter college in January and complete his work.

Mr. George Faxon, with '76, of Lyons, was at the College last Saturday. Mr. Faxon has a son whom he expects to send to M. A. C. next year.

Half term standings are due this week. Nearly seven weeks of school has passed and this is now November, the Thanksgiving month.

F. L. Johnston, '05, has resigned his position here as inspector on the new buildings, and has accepted a position with the Commonwealth Co., of Jackson, Mich.

Miss Bessie Cornell entertained about twenty of her Lansing friends Wednesday evening. The evening was enlivened by games and music. Refreshments were served.

Through the kindness of Director Brewer, the Sunday school class of Mr. Baker, of the mechanical department, were guests at the M. A. C. — Armour football game Saturday.

The Moderator-Topics this week presents a fine half tone of the Saginaw E. S. manual training school, together with an article describing the equipment and also the work which is being carried on.

Mr. Palacio '07 has had sent to the herbarium a specimen of shrub known as parthenum argentatum. This is a rubber plant from Mexico but contains considerable resin, which is a detriment to its growth.

Beginning October 29, Rev. E. M. Lake will give a series of ten Sunday evening sermons on "Journeys by Sea and by Land" at the First Baptist church. All are very cordially invited to attend these services.

The class in railroad surveying have about completed the work of

the preliminary survey on the spur running from the terminus of the P. M. at the boiler house to the M. C. The distance covered was about three miles.

Prof. Pettit is in receipt of a fine large book of nearly 700 pages on Insects of America, by Vernon L. Kellogg. The work is on heavy enameled paper and contains many splendid illustrations, about 20 of which are the work of Mr. Pettit himself.

Mrs. A. B. Allen, formerly lady principal at Olivet college, was a college visitor one day the past week. Mrs. Allen is now in charge of a missionary home in Oberlin, Ohio. This home is for the children of foreign missionaries and was the home for a number of years of J. M. Walkup '08.

Mr. Crawford, of the mechanical department, has recently built a new desk for his own private use, which will be placed in the shop near the east entrance. While the design is quite original, it has not been patented and there is nothing to prevent the Grand Rapids manufacturing companies from copying the design.

In a letter to Mrs. Landers, Miss Balbach, former assistant librarian, tells of her work in Milwaukee. Miss Balbach is attending the normal school for physical training. In connection with this school is the American Academy and the Teachers' Seminary. Most of her work is in the seminary, and while she enjoys her work there she does not forget old M. A. C. Her address is 384 Jackson street.



## CHICAGO, HO!

On Thursday, p. m., of Oct. 26, the junior engineers went on a visit of inspection to Chicago.

There were about forty in the party and there would have been more had not one of the Lansing street cars seen fit to break down.

Mr. Krentel and Mrs. Pokorney were among the number who went on the 3:08 train on the Grand Trunk. Fun began immediately and the boys amused themselves and other passengers by songs, yells, and "stunts." Most of the fellows got off at Battle Creek for lunch and took a later train. Those who did this arrived in Chicago about fifteen minutes after the others.

All proceeded to the Saratoga hotel and secured rooms, then went sight-seeing.

At 8:30 Friday morning the class was divided into two sections. The first, under Mr. Rosenstengel, went to the supply house of Montgomery Ward & Co., while the second section, lead by Mr. Krentel, visited the Allis-Chalmers Co. The most interesting sight at the great supply house was that from the tower. From the top of this a fair idea of the hurry and bustle of the city can be gained as the streets are visible for several blocks in each direction.

At the Allis-Chalmers plant the millwright, foundry, steam engine and mining machinery shops were all visited. In the steam engine shop under process of construction is a pump with a capacity of 20,000, 000 gallons per day. All the machinery in all the shops was proportional to this great pump. In the mining machinery shop as in the steam engine shop everything is massive, and the incessant hum and rattle is deafening.

At noon the students met again and were greeted by Prof. Weil who had come on a morning train. He took us to the Illinois Steel Co.'s mammoth plant. Just as we got there a man was carried to the office with his arm mangled to the elbow. He had been caught between two large cog wheels while oiling some of the machinery. The sight of this added to the warning speech of Prof. Weil made the boys a little nervous and very careful. Prof. Weil introduced Mr. Post, an old classmate and friend of his, (now chief chemist at the above plant) to the boys.

He promised three guides and the party were intrusted to them. It was impossible to do justice to this enormous concern in a few short hours, but the fellows drank in everything that eyes and note book could while the visit lasted. The iron comes in the form of ore and goes away as rails and sheet steel of every description. Any one of the various processes was worth the price of the trip. The huge blast furnaces, some of which have a capacity of 600 tons, the fire display of the converters, the long fiery rails, red ingots, little engines running here and there, the army of men, the wonderful rolls and machines all combined to give the students one of the greatest shows on earth.

The next morning the students went to the Chicago Edison Co.'s plant. This too was a rare treat, but of a different nature, and space only prohibits us from telling of the things we saw there. In the afternoon of Saturday various places of interest were visited, among which were

Lincoln and Jackson parks, the Art Institute, various museums, great buildings, and football games. The students were all home by Monday morning after one of the most delightful as well as instructive trips of their lives. Every where the boys went the highest praise of their conduct was given, and there was nothing to mar the trip but the sad news of the death of our dear friend and classmate, Leon Pullen.

Miss Lucile Carney received a visit from her parents over Sunday.

Miss Edith Gunn, with '07, was a visitor at the College Friday afternoon.

Mrs. Dickson of Detroit, spent Sunday with her daughter, Miss Jean Inglis '07, over Sunday.

The Sororian Literary Society gave a unique "Ten o'clock" Friday evening, Oct. 27. The guests were met at the door by ghostly apparitions and escorted to the gymnasium. After the program all participated in various Hallowe'en games.

The State Y. M. C. A. convention will be held in Lansing Nov. 9 to 12 inclusive. The College conference will be held at M. A. C. Saturday afternoon at 4:45, Nov. 11. Saturday evening the missionary address will be given by Mrs. Harriet Gulick Clark of Oberlin, Ohio. Mrs. Clark comes of a missionary family, she herself having spent many years in Japan. This meeting is open to the general public and it is hoped that college people will take advantage of the opportunity to hear this stirring missionary address. The meeting will be held in the Armory and the hour has been made late enough in the afternoon that it will not interfere with the game played at M. A. C. on that date. Further notice will be given next week.

The State Board met in the College board rooms Thursday afternoon and evening. It was voted at this time to send Mr. Buskirk as a delegate to the meeting of the A. A. A. S. and C. E. held in Washington, D. C., beginning Nov. 14.

Prof. Taft's plan of holding a normal institute at the College during next month was indorsed as was also the railroad institute.

The site decided upon for the new poultry building is the bluff on the north side of the river and immediately east of the lane.

The members present were President Monroe, Messrs. Buskirk, Graham and Marston, President Snyder and Secretary Brown.

Prof. Taft is arranging for a normal institute for the farmers' institute lecturers to be held at the college during the week beginning Monday, Nov. 20. Quite a number have already signified their intention of being present. A large portion of the time will be devoted to the presentation of scientific and technical questions by members of the college faculty, all of which will aid the lecturers in their future work. Considerable attention will be paid to the subject of preparation and presentation of addresses at institutes. These meetings will afford an opportunity for the lecturers to become familiar with the college and its work which should be of great assistance to them while holding farmers' institutes. Although these meetings are intended primarily for the benefit of the institute workers, everyone interested is cordially invited to attend.

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