FOOTBALL.

A. C. G. 6, Albion 6.

The best game of football played this year, and the first time in a tie. Both teams played fast ball and fought every inch of the ground. Albion was on offense and won the toss. Both teams carried the ball within two feet of the goal line but were held for downs. Referee Fishleigh called the play and M. A. C. was penalised two yards. Albion then kicked off to M. A. C. and time was the only thing to win the game.

The M. A. C. RECORD.

FOOTBALL.

M. A. C. 6, ALBION 6.

Prayer meeting Thursday evening Y. M. C. A. with Rev. C. E. Thomas of Lansing. Filmmaker, and received much inspiration from it.

M. A. C. VS. OLIVET.

Thursday evening Y. W. C. A. prayer meeting was led by Miss Kate Coad. The Bible lesson was from Acts 26. The necessity of obedience to the Lord and to the biddings of Christ was particularly brought out.

Miss Gilmour and eight of the girls attended the State Convention at Grand Rapids, November 12-15, and received much inspiration from it.

M. A. C. VS. OLIVET.

This game will be played at M. A. C. next Saturday. Olivet has the heaviest team in the intercollegiate and is playing first class now. She defeated Alma 11 to 0 last Saturday, just two weeks after that institution had defeated Albion 17 to 6. Lookout for her. Everybody should be out to support M. A. C. We can't afford to lose and must not lose.

DEBATING CLASS.

An interesting discussion followed the contentions held by Prof. W. O. Hedrick and Mr. H. C. Oune. The debate was Thursday evening at the regular meeting of the Debating Club, when they defended the proposition, "Resolved, that the negro population of the United States should be segregated to some territory by themselves."

The judges agreed with the affirmative. Next Thursday night Messrs. Mosinolk and Fowler will meet Dr. Edwards and Mr. Duns on the question, "Resolved, that the American negro has been unjustly treated since the Civil War."

LECTURE.

On Sunday evening, Nov. 22, W. N. Ferris of Big Rapids, will address the alumni meeting of the Y. W. and M. C. D. armory. Mr. Ferris has very few engagements and the platform prepared is well known for its excellence. Mr. Ferris is a member of one of the leading art clubs and mingles in the social life of the artists.
The M. A. C. Record.

Published every Tuesday during the college year by the Michigan State Agricultural College.

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Subscription.

One cent per year.

Henry B. O. Mason, Chairman, Draft or Registered Letter. Do not send checks.

Address all subscriptions and advertising matter to the Forestry Trip Office, Michigan State Agricultural College.

Managing Editor.


This paper is owned by individual subscribers. Such persons need not hesitate to return any correspondence in which no charge will be made for it. The only way, however, to receive the paper regularly is to place it in the hands of the foresters. The price is one cent per copy.

Tuesday, Nov. 17, 1903.

Forestry Trip.

In the senior year of the Forestry course is found a study of the forest conditions and practices in northern Michigan. The time of the trip is the best time of the convenience of the class and the instructors. This year the opportunity time was not taken and the kindness of Mr. Wildey, of the State Land Survey, was given the opportunity of going to Oscoda County to work with the state estimators who are re-estimating the College timber lands, prior to their sale, November 15th.

Mr. C. P. Talladay and myself accepted the offer and began our trip to the north woods the next Saturday. We arrived at Roscommon the next morning at 3 o'clock.

Sunday was spent very profitably in consulting ourselves with the town and some of its inhabitants.

The following day we began our 35 mile cross country ride through Jackpine and scrub oak plains, arriving at our destination, Mio, a small town in the center of the county, after 7 hours of almost continuous riding.

Before beginning our journey we were told that the first human habitation was 14 miles on our way, and it seemed to us more like twenty. I think that when we were 1½ miles out we saw a man, but I am not positive. The monotony of the trip, however, was occasionally broken by the stories of an 'original' timberman, who rode with us nearly the entire distance. Though some of his stories were almost unbelievable, we listened to them attentively and learned a great deal about the language and manners of 25 years ago in northern Michigan.

Especially interesting was his story of the settling of the country through which we passed. The pine upon it was mostly small, and when cut away the land was easily cleared and put into condition for agricultural purposes.

He told us, much to our surprise, that the whole region through which we were traveling was dotted with farms of 2 years. Mr. C. P. Talladay and one of whom had already introduced the idea of young and vigorous rows of old rails or polts and with the exception of a few areas of waste, were growing fine crops of jack pines with a few scrub oaks for variety.

Nothing further interested us until we arrived at Mio and found that we had to walk four miles to our headquarters. Here we found Mr. Shien, state trespass, agent, and Mr. Belknap, the surveyor of the party, who were waiting for us. We had a good place to stay and two of the state's best experts to work with, which, with ideal weather for working in the woods, made it possible to learn and get to our utmost capacity. During our stay in the woods our knowledge of forest measurement and surveying was thoroughly tested. The first day we were asked to estimate the B. M. I. acreage of a large parcel of land which was afterwards measured accurately by a system of triangles and the actual amount of timber computed. The results of the estimates were rather surprising but they gave us an idea and afterwards we did better.

Of the actual estimating and running of lines we can be well learned by observation and experience.

While in the woods we looked over and estimated the timber on 1,000 acres of virgin forest, a part of one of the few tracts of virgin timber to the lower peninsula. The forest consists principally of hemlock, maple and beech, but on the lower lands are found also basswood, red and white elm, white and black ash, soft maple, cedar, and a few scattering tamaracks. The value of the forest, however, consists in the hemlock, maple and cedar it contains, the rest of the timber being scattering or of no value.

In five days of travel and experience in a red forest we began our return to M. A. C., arriving here Saturday evening, November 13th.

The trip was highly profitable to us, and the only reason we have for regret is that we couldn't stay much rather than a week.

Geo. C. Morbeck.

Alumni.

Joseph H. Freeman is having a very successful practice as patent attorney. He is the same big fellow as ever and can be found at Atlantic Building, 49 Wall St., New York.

D. J. Crosby, of the U. S. Department of Agriculture, recently spent ten days in Missouri lecturing before teachers on agriculturists in the Public Schools. He addressed over 1,400 teachers, many of whom had already introduced some phase of agriculture into their schools. Mr. Crosby has done a large amount of work on the line of improving rural school surroundings and introducing the elements of agriculture into our school system. He has a fine set of slides on school gardens, etc., and his stereopticon lectures are deservedly popular.

D. W. Cummings will spend the spring months at Wolin, Duluth, Minnesota. He is still connected with a private geological examining corps, and in the future may need a man or two to go on trips to Santiago Province, Cuba, this summer, examining iron mines.

Dwight S. Cole is doing mechanical speciality work in Brooklyn, New York. He has perfect inventions, models, etc. He recently sent some work to Prof. Weir for inspection.

C. P. Close is horticulturist of the Delaware Agricultural College at Newark, Delaware. He writes that things are about as usual but adds that of the 40 who entered the freshman class this fall not one is enrolled for agriculture. This is certainly quite different from conditions at M. A. C. According to present information, M. A. C. ranks among the first in point of member of students who take agriculture.

With '96, Dwight T. Randall has recently been elected Assistant Professor of Steam Engineering at the University of Illinois. M. A. C. is pretty well represented at that university.

Alex. Kreidel has charge of the reports from the different health officers throughout the state and also of the distribution of printed matter on the various communicable diseases as issued by the state board of health.

J. W. Bailey & Son is the name of a real estate firm recently organized in Lansing. Wm. Bailey is junior member of the firm. He had to give up his position in Pennsylvania on account of ill health.

Harry J. Easton speaks on fruit diseases at the Normal Institute which is to be held at Geneva, New York, from Nov. 21 to 25. These institutes are not intended for the general public but are intended to increase the efficiency of Farmers' Institute lectures. This is somewhat of a novelty but promises to be very beneficial. The idea is to compare notes, explain theories, establish facts and secure work of much time is devoted to discussion. Prof. Bailey spoke on the practical education at the Institute which will be held at Cornell University from Nov. 30 to Dec. 3.

With '92, E. C. Parsons, who talked to the Union meeting Sunday evening, is on his way to China as a missionary. He belongs to the China Inland Mission and international and interdenominational organization founded by J. H. Taylor in 1887. This society has 732 foreign missionaries.

H. G. Driskell has been elected superintendent of the Cement Building Rock Co. of Winnipeg, Canada. This is a new firm and Mr. Driskell was elected to this important position in spite of severe competition.

Mamie Crosby has charge of the eutheics in the University of Michigan hospital. Mr. Gusow writes that she served him a very sumptuous dinner the second day of his stay at the hospital.

W. R. White has been elected student assistant in the bacteriological laboratory. The position is a very desirable one from the standpoint of training. It is in fact much better than a postgraduate course and means a good position in a year or two.

Harry Henderson is cashier for O. C. Cole, a new firm which has just been organized.

A. H. Case has entered Columbia University to take a course in Mining Engineering.

Fred Loop is drafting in the Olds Motor Works in Detroit. His work is largely on automobiles.

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M. A. C. Store.

Gents' Furnishings.

Shoes and Domestics.

AT THE

WHITE ELEPHANT.

Shoes and Domestics

College trade is specially solicited.

Make a Call

at the

White Elephant

When You Want

Linens and Clothes Laundered, Clothing Cleaned, Pressed and Repaired.

Shoes Neatly Repaired.

Workmanship, Satisfaction, Promptness and Reasonable Prices will be our aim. Work called for and delivered. We earnestly solicit your valued patronage.

Citizens phone 95

Brown & Russell, Proprietors

Crescent Steam Laundry.

"Wilson's Sugar Bowl" for Party Supplies, Table Decorations, and the daintiest of Confections, we are

Headquarters.

Come in and get a

Hot Coffee and Sandwich
THE M. A. C. RECORD.

FIRE UP!

Tell us what fuel you wish to burn and we will show you a stove that will please you. We have a choice variety to select from. We have the agency of the PEACH OIL HEATER, and it is a peach. Call and see it.
Norton's Hardware
111 Washington Ave. South.

Furniture...

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COMPLETE LINE OF FURNITURE FOR STUDENTS' ROOMS
Canvas Cots at 55c. Woven Wire Cots at $1.50. Woven Wire Springs at $1.50, $2.00, and $2.50. Mattresses at $2.00, $2.50 and $3.00. Tables at $1.50 and $1.95. Chairs at 50c up.
All goods delivered to your room free.
M. J. & B. M. Buck.

When you buy a Sweater

Why not get the best? SPAULDING'S SWEATERS AND ATHLETIC GOODS are the recognized standard of this country. We have the different qualities at four, five and six dollars, in white, black, maroon, navy and grey. All the late things in Hats, Caps, Neckwear and Gloves: in fact, everything in the way of Ladies' and Men's Furnishing Goods. Students' patronage solicited.

Elgin Mifflin.

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It's Aboeasy the Times.
NO BREAK THROUGH.

Boys, this is the best yet and the price only $3.50 pair.

Gymnasium Shoes!
Rubber soles, black canvas tops, all sizes for men and women.
C. D. Woodbury.
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Lansing's Low Priced Reliable Store

Every Department full of New Fall Goods.
We also carry a Complete Stock of Lace Curtains and Draperies.

Jewett & Knapp,
222, 224 Washington Ave., S.
Lansing, Mich.

ABOUT THE CAMPUS.

Prof. Reynolds has been ill for a few days but is again able to take charge of his work.

Pres. Snyder left for Washington on Friday evening. He expects to be away a week or ten days.

Don't forget the entertainment on Thursday evening, November 19, by the Metropolitan Grand Concert Company. Tickets for entertainment course can be secured at the Secretary's office.

Mr. Guiseon has returned from Ann Arbor where he underwent an operation for a growth on his hand. His friends are pleased to learn that the malady was of a very serious nature.

Prof. Wiel has a very neat ex·

pression on the phone in his office. It is especially adapted to cases where more than one person, working at different desks, desire to use the same phone.

Two seniors will soon test the new boilers at the engine house as a part of their thesis work. These boilers are of 150 horse-power, internal furnace type and Jones underfoot stokers.

The members of the State Board and Faculty have been invited to attend the Founder's Day exercises of the Clarkson Memorial School of Technology at Potsdam, New York, Monday evening, November 20.

The class in blacksmithing under Instructor Theodore is working in steel. Files are being drawn out. Fifteen feet is the record so far, but 8 to 10 feet is an average. The next work will consist of making, tempering, grinding and testing edge tools.

The College recently sold 2640 acres of land for $57,625.00. The price varied from 50 cents to 50 dollars per acre. Land commissi·

oner Willey has taken a great deal of interest in this transaction and has shown himself to be an official of ability and integrity.

The state Y. M. C. A. paper contains very favorable comments upon the association work at M. A. C. It also has a cut representing a few of the men who attended the reception for new students held at the beginning of the present term.

The seniors in mechanical engi·

neering are engaged in many interesting experiments under Instructor Tryon. They are testing and cor·

recting thermometers, determining clearances of engines, horse-power of a water motor, investigating in·

cisor legs and are drawing dia·

grams of valves of an engine in the shop. The work is very prac·

tical and requires careful mathe·

matical computation.

Experiments are being conducted by the dairy department to deter·

mine the relative value of pepsin and rennet in the manufactu·

re of cheese. Mr. Robin·

son analyzes the cheese to determine the amount of water, total nitrogen and soluble proteids. Pepsin has many advantages over rennet, pro·

viding it is as good.

Mr. L. F. Bird of the senior class has purchased 36 lambs for feeding purposes. 12 are of the fine wool variety, 12 medium and 12 coarse. They will be fed to produce quality of mutton more than quantity. The ca·

reasses will be cut up for demon·

stration purposes by the senior class this winter. Mr. Bird is an expert in the selection of sheep.

OUR PUBLIC SCHOOLS.

The above was the subject of a very interesting lecture by A. B. Lightfoot of Ann Arbor. Mr. Lightfoot has studied the problems of the public schools from the stand·

point of pupil, teacher, commis·

sioner and of taxpayer. He has collected a large number of excel·

lent views which vividly contrast the rural schools in hundreds of districts with the village schools and with the consolidated schools of Indiana. He said that the Michigan school system needed a thorough revision and he certainly demonstrated his proposition by the stereopticon and by statistics. Mr. Lightfoot is a clear, logical speaker. He knows his subject and has the power to in·

terest others and convince them that something must be done.

MEETING OF STATE BOARD.

The State Board of Agriculture met at Lansing in the livestock commission's office on Wednesday, Nov. 11. The principal business was placing on sale the college lands in Oscoda county. The valuation was made on 80-acre lots. Prices vary from $2.50 to $161.60 per lot.

Prof. Taft was authorized to at·

tend the National Association of Nursery Inspectors which meets in Washington, November 17-19.

The Round-up Institute will be held at the College this year. W. M. Brown, '03, was employed as inspector on the tunnel work and assistant in the mechanical depart·

ment.

Y. M. C. A. RECEIPTs AND EXPENSES.

The following is a statement of the receipts and expenses of the Y. M. C. A. for the half term ending Nov. 13, 1903:

EXPENSES.
Printing $23.73
Correspondence and stationery $2.25
Printing
Furniture $28.00
Salary of Secretary $100.00
Social Dept.
Bible Study Dept., for books and maps $1.00
Missionary Com. for books $2.50
Junior work and lights $2.75
Correspondence and stationery $5.75
Miscellaneous $6.75
Total $502.38

RECEIPTS.
Balance on hand at beginning of year $20.77
From faculty $66.15
From students $120.00
From dues $31.60
From advertisements in handbook $8.78
Total $351.30
Balance on hand $91.90

Y. M. C. A. RECORD.
A Good Tackle:

WHEN A YOUNG MAN TACKLES A POLICY IN
The Mutual Benefits Life Insurance Co.,
OF NEWARK, N. J.

CHAS. B. COLLINGWOOD, District Manager.

Agricultural College.
Landing Office, 100 Hallister Block.

ALL MEATS

May look alike to you, but there is a very big difference in the price of
definitely a lot of money than that

FOOTBALL

LANSING HEADQUARTERS FOR ALL

Agricultural College.
Landing Office, 100 Hallister Block.

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Landing Office, 100 Hallister Block.

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