

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 14.

LANSING, MICHIGAN, TUESDAY, NOVEMBER 10, 1908.

No. 8.

M. A. C. SCORED ON BY OLIVET.

First Team to Put a Blotch on Our Goal Line. Score a Safety by Merest Accidents

Olivet, the team which was doped by M. A. C. critics to have a good chance of holding Brewer's machine to a low score, was swamped Saturday under fierce line smashes and long ground gaining end runs. The final score showed M. A. C. to have registered 46 points, but at the expense of having her so far clean goal record blackened by two points, scored as the result of a safety after a long kick from placement, which fell short by a few inches. The ball was within a foot of M. A. C.'s line, and McGilvary, in attempting to recover it, slipped and fell backwards across the line, giving Olivet 2 points. Olivet's rooters went wild, as they had accomplished what every team so far this season had failed to do—score on M. A. C. Aside from this, everything was M. A. C.'s, as only at one other time was Olivet near enough to try for goal from the field. On the other hand, M. A. C. rushed the ball, by a series of heavy line bucks, forward passes, and end runs, from one end of the field clear over the Preachers' line seven times, and each time "Mac" made good by kicking goal. A goal from placement from the 35 yard line by McKenna registered 4 points more.

Wheeler, McKenna and Exelby were easily the stars of the game, with the rest of the team playing gilt-edged ball. Very seldom was M. A. C. compelled to punt, and when she did it was to save the men from the hard pounding.

Olivet held as never a team has held this year, when with the ball on her one yard line, she prevented M. A. C. from scoring. Three terrific line smashes on tackle failed to puncture Olivet's line, and they at once punted out of danger.

M. A. C.'s final touchdown was of the sensational order, when McKenna, on his own onside kick, recovered the ball and went over for a score.

About a hundred rooters accompanied the team and had a good time at the expense of Olivet's lone "cop."

During the game, Octy, who had his knee twisted, was replaced by Bennett, Patterson taking Bennett's place at right guard. Shedd took fullback during the last 10 minutes of the second half, "Ex" going to the sidelines. Campbell filled Shedd's place at left tackle, Allen went in at left half replacing Court-right, who had been used quite often during the scrimmage. Contrary to all expectations "Mac" played at his usual place, although his arm was rather sore. His open field dodging surprised Olivet spectators greatly.

Olivet's backfield, although light, was lightning fast, and registered several long gains on end runs.

(Continued on page 4.)

FIRST ENGINEERING SOCIETY MEETING.

The first engineering society meeting of the term was held last Tuesday evening, at which Dean Bissell told of an interesting suit brought against an Electric Lighting Co. in an Iowa town. This company also operated a heating plant, and when the heating system was not running the steam was exhausted into the outside air. For this amount of water lost they had replenished their supply by tapping into the city water system. The city sued the company and Dean Bissell was appointed by the city to act with another expert appointed by the company to calculate how much water they had used. The company had kept a record of the amount and grade of the coal used and the number of hours the heating service was in use. From the heating power of the coal determined from records of boiler tests, they determined the amount of water used during this time.

This evening State Geologist A. C. Lane will talk on "Features of Economic Geology of Interest to Engineers." This is a subject that will interest agricultural students studying geology as well as engineers and a large attendance is desired.

PREPARE FOR YPSILANTI DEBATE.

Last Thursday at the Debating Club about fifteen names were entered for the preliminaries for the Ypsilanti debate. The first preliminary will be held on the second Friday in the winter term, and any other men who wish to enter will be given an opportunity to do so this week at the regular meeting of the club. Come out and try it. If you have never debated before you do not know what you can do. One of the men who made the final team last year had never done any debating before in his life. There's nothing like trying, and all it costs is a little effort on your part. The good you will get out of it will repay you tenfold. The question this year is a broad one. It is worded as follows: "Resolved, that all corporations engaged in interstate commerce should be required to take out a federal charter, constitutionality being conceded."

M. A. C. is to defend the negative side in the final debate, but, of course, both sides will be debated in the preliminaries. None of last year's team is entering this year, and so there will be places for three new men in the final team.

Messrs. Perrine and Chapin are on for this week, and the question is, "Resolved, that the present expansion policy of the navy is beneficial to the United States."

Rev. F. W. Corbett, pastor of East Lansing church, will conduct chapel services Thursday and Friday mornings.

ENGINEERING SOCIETY MEETING THIS EVENING.

The first meeting of the Engineering Society will be held this (Tuesday) evening in the physics lecture room in the engineering building. Dr. A. C. Lane, state geologist, will speak, his subject being "Features of Economic Geology of Interest to Engineers."

Later in the month Mr. J. R. McCall, of the American Blower Co., a graduate of M. A. C. in 1890 will speak, and Mr. G. M. Brill, consulting engineer, of Chicago will speak at the December meeting.

A GRAIN OF CRITICISM.

To the Editor of the Record.

Sir:—The writer is in receipt of a letter from his father who had just read in the Record about the student council and its rules. His impressions are best expressed in his own language, and the following paragraph is taken verbatim from his letter:

"It seems to me that your class rules are not altogether on American principles. The council has no delegate from the freshman class, yet it lays down rules that the latter must follow. This is taxation (or government) without representation. If the council had four seniors, three juniors, two sophomores, and one freshman, the deal would be a fairer one, and in all probability the freshmen would acquiesce more readily to the rules, under the theory that the minority should be content to submit to the majority, except in cases of clear injustice, when they would have the inherent right to resist. How do these ideas strike you? A college in America ought to be a little Republic, with fair representation in all matters for all students."

There may be more than a grain of truth in what he says. Certain it is that the freshmen have no representation on this "go-between" organization, which is a mediator between student and faculty. "... A college in America should be a little republic..." Very true. Perhaps there is a tendency towards a kind of bureaucracy here, in which the administrators are quite fond of their powers; perhaps, on the other hand, the mob takes the law into its own hands and endeavors to administer justice as it sees fit. In any case, something is out of harmony. The events of last week prove that. Why could there not be a more mutual understanding in existence? I am of the opinion that the faculty does not always comprehend the actions of the students; and I am quite sure that the students are unsympathetic with the actions of the faculty in certain cases.

One of the foremost universities in the country is operated upon the student government idea, and most successfully, too, showing that it is very possible for student and faculty to meet on a common basis of understanding.

A SOPHOMORE.

ALUMNI

In the Record office there is kept a card catalogue of all students who have ever been connected with the college. In order that this may be kept up to date, please notify us of any change of address or occupation.

W. J. WRIGHT, Editor.

C. B. FISKE BANGS, '76.

FIRST MEMBER OF CLASS OF '76 TO PASS AWAY.

C. B. Fiske Bangs, the first member of class of '76 to "cross the bar," passed on to the higher life on Sept. 9th, 1908.

"Old Fiskey Bangs" he was lovingly called by his classmates and those who knew him best.

He loved the world, and tree, and bird, and flower, and if all to whom he has done a kindly act could pass in review they would make an army whose name is legion. He was the type of man who wore his letter of credit on his forehead, and while the shadows were still falling toward the west, he lay down his burden that he had borne so courageously and manfully, to rest a moment, and fell into a dreamless sleep.

I have often heard him quote those beautiful words of Tennyson:

"Twilight and evening bell,

And after that the dark.

And may there be no sadness of farewell

When I embark.

"For tho' from out our bourne of time and place

The flood may bear me far,

I hope to see my pilot face to face

When I have crossed the bar."

R. A. CLARK, Class of '76.

'01

Mr. and Mrs. R. M. Lickley of West Haven, Conn., announce the arrival of a daughter, Vivian Malvina Lickley, at their home Sept. 6, 1908, who is a prospective candidate for the domestic course at M. A. C. Mr. Lickley is with the N. Y., N. H. and Hartford R. R. Co., at New Haven.

'06

R. C. Potts in renewing his subscription says "Oklahoma sends many hurrahs! from our small voice for more M. A. C. victories and more M. A. C. men." Mr. Potts is professor of dairy husbandry at Stillwater and states that they have been turning out as high as 48,000 pounds of butter per month.

'07

A letter from C. H. Goetz from Pullman, Wash., informs us that he is instructor in forestry at the agricultural college there. "I feel at home here," he writes, "for there are several M. A. C. people and many M. A. C. friends." His address is 1704 A. St. W. S. C. Pullman, Washington.

The M. A. C. RECORD

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TUESDAY, NOV. 10, 1908

THE ENGINEERING INSPECTION TRIP.

(Continued from last week.)

The erecting force on lake freighter of usual size is 250 men. Three ships can be built at once, and the whole force at work in the yards is then about 2,000 men. Vessels are launched sideways and the engines, boilers and other heavy machinery is placed by a mammoth "shear legs" of 100 tons capacity. The company also has a large floating dry dock, on which there was a vessel being repaired at the time of the visit.

The ships "Bradley" and "Ishpeming," which were tied up for the winter, were inspected throughout. Engines and boilers are not built at this, but at another plant of the company, also in Detroit.

The power plant of the Detroit Edison Co. at Delray was thrown open to the party through the kindness of Mr. Alex Dow and the visit was made under the leadership of Mr. H. B. Gunnison, '00, and others of the office and station staff of the company. The generating plant consists of five 3000 kilo-watt Curtiss steam turbines and generators, using superheated steam furnished by Stirling boilers, which are equipped with Greene economizers and induced draft apparatus. The steam from the turbines is condensed in surface condensers on the dry vacuum principle. The current is generated as 3-phase alternating at 4600 volts and is delivered to bus-bars and feeders controlled by electrically operated oil switches actuated from the main switchboard. All feeders are carried in underground conduits to the various centers of distribution in the city, one being located near the power station where 1000 kilowatt is transformed to 600 volt direct current for the Detroit United Railway Co., and still more is transformed to 23000 volts for transmission to Mt. Clemens and others points. Coal and ash conveying apparatus and all other auxiliaries are modern and efficient as becomes an up-to-date plant.

The architectural treatment of the building and its interior finish are also noteworthy. The company

contemplates building in the near future a duplicate plant at the same place—in fact the foundations have already been laid.

Several shorter visits were made by portions of the party. At the Morgan & Wright plant the manufacture of raw rubber into hose, tires for bicycles and autos and various specialties was explained and demonstrated by Mr. Templeton, chemist for the plant. The power stations of the Detroit United Railway were interesting as showing in a forcible way the difference in appearance, space occupied and details of reciprocating engines and steam turbines. At the vast plant of the Michigan Stove Co. the party was made to feel very welcome and the many interesting features of making coal and gas stoves were shown and fully explained by the superintendent, Mr. Callan and assistants.

At the American Blower Co. the party was met by Mr. J. R. McColl, '90, mechanical engineer for the company, and several assistants. The company builds fan and disc blowers for ventilation, forge and foundry and drying processes, hot blast heating coils and a line of upright engines in small sizes for its own installations and to meet a large demand from other users of high speed engines. Mr. F. V. Tenkenohy, '08, is employed here.

The Burrough's Adding Machine Co.'s plant was found to be a very up-to-date manufacturing plant, making over fifty different styles of adding machines, for which there is a large and increasing demand in all lines of business.

The American Bridge Co. and Whitehead & Kales Iron Works furnished opportunities to observe the work of converting plates and rolled shapes into structural forms—girders, columns, trusses, etc., and the various processes were fully explained. At the former plant, Mr. L. B. Littell, '01, formerly of M. A. C., and at the latter Messrs. W. M. Brown, '03, and G. W. White, '04, greeted the party and assisted in making the visit interesting and valuable.

The attention given to the party on every hand, and the evident efforts put forth to make the visits interesting and profitable made the trip all that could be desired.

TRANSACTIONS OF STUDENT COUNCIL.

Moved and supported that the barbecue as proposed by the class of 1911 be carried on in future years as an annual college function. This event to take place on Halloween. Carried.

Moved and supported that secretary of the council be instructed to write a letter to the class of 1911 commending it for its college spirit in supporting the Student Council, and also in its action in inaugurating the new annual college function. Carried.

Moved and supported that the attention of the student body as a whole be called to rule No. 9 in the college regulations and customs. Carried.

SEC. STUDENT COUNCIL.

Advice to a Freshman (Engineer):

It is not a wise plan to drink cider that belongs to someone else—for fear of it being "doped" with bitter cascara. Sincerely,

THE PROPHET.

NORMAL INSTITUTE OPEN TO ALL.

The Normal Institute to be held at the Agricultural College, November 10 to 13, is really a short special course in agriculture, to which everyone will be welcome without registration or fees.

There will be demonstrations and lectures on stock judging each morning at 8 o'clock, followed by lectures on veterinary science, in which the nature and treatment of such diseases as hog cholera, tuberculosis and contagious abortion will be explained and demonstrated. No stockman should fail to be present.

For anyone interested, and for ladies in particular, a course of three lectures on poultry raising and a like number on dairying and the care of milk will be given.

In the afternoon the lectures will treat upon a variety of subjects, including Manures and Fertilizers, The Breeding and Feeding of Horses, Beef and Dairy Cattle, Fruit Growing, including spraying and the production of various crops.

On Wednesday and Thursday afternoons (there will be a Women's Congress in the Women's Building, House Plans and Decoration, Sanitation and Household Science are among the topics that will be considered.

Everyone will be welcome.

The first session will open at 2:00 p. m., Tuesday, and the Institute will close Friday noon.

HORT. CLUB.

Mr. L. E. Babcock addressed the meeting of the Hort. Club Wednesday evening on The Agricultural School of Alfred University.

This school is located at Alfred, N. Y., in the midst of a good dairy-farming country. It was founded in 1820 by a religious order. In 1843 the school was changed to an academy, its graduates following the teacher's profession. In 1857 the college itself was started, and has since been known as Alfred University. Of late years an agricultural department has been added. This department is now in a very flourishing condition, its equipment consisting of a 230 acre farm, a \$10,000 cattle barn, and 30 head of pure bred stock.

It is essentially a poor man's school, a year's expense being about \$175. Tuition is free to residents of the state.

It is a preparatory school for Cornell, its graduates being admitted to classes at Cornell without examination.

HOSPITAL FACILITIES INCREASED.

Although the college has always enjoyed a reputation for healthfulness there have been almost every year one or more outbreaks of some contagious disease, which the increased number of students has made it difficult to handle in the regular hospital. At the last meeting of the state board the college was authorized to put up three cottages to be used for patients ill of contagious diseases. One will be used as a detention hospital to which the student will be taken as soon as he becomes ill. These cottages will be located just east of the bacteriology building.

LEARN HOW TO PACK MULES.

CHIEF PACKMASTER DALY OF THE U. S. ARMY INSTRUCTS FORESTERS.

Chief Packmaster Daly, of the U. S. army, is spending a week at the college giving the forestry students practical lessons in packing horses and mules with camp equipage. Thursday evening he gave a lecture on Packing and Pack Transportation at the college chapel.

"To meet the different conditions of country, animals, loads, etc.," said Mr. Daly, "two types of pack saddles have been developed: the cross-tree or saw-buck and the aparajo. The former was introduced into Britain by the Romans in 55 B. C. Its construction is such as to offer little protection to the animal and to prohibit its use in the conveyance of heavy and unwieldy supplies, but on account of its lightness, cheapness, and convenience it is especially adapted to the use of the forester, prospector, and others whose wants are few. The pack is lashed to the saw-buck.

The aparajo was introduced into Spain in the eighth century by the Moors and then into Mexico by Cortez. The early prospectors adopted it from the Mexicans. General Cook, in his early Indian campaigns in the Territories of California, Oregon, Idaho and Nevada used it with great success. Later it was officially adopted by the U. S. Army. Roughly speaking, it consists of two pieces of heavy leather fastened together along the edges and across the middle. Two pouches are thus formed into which moss and other material is stuffed so as to form pads fitting the contour of the animal on either side of the back bone.

THE PROMENADE CONCERT

A good many of the new students are asking, "What is this promenade concert to be, anyway? Is it a dance, or is it a concert? What is the admission? Can we invite the ladies? Is it worth going to?"

With the football season nearing an end there are very few occasions when the student body is called together in what might be termed "all college affairs." It is to provide such occasions for all college gatherings that the promenade concerts were arranged. We should all, faculty and students, become better acquainted during the year, and these promenades provide the opportunity. They are not dances, they are not strictly concerts, but are a happy combination of both. The admission is 15c for the men. As to inviting the ladies, they are already invited and will arrive at the armory in a body at 7:20 p. m., Nov. 20th. After that, it is surely not necessary to ask, "Is it worth going to?" We have the best band this year in the history of the college. They are working for the college. Fall in behind the band and push.

'03

Emma Barrett is teaching domestic science and art at Snohomish, Washington.

With '08.

H. H. Curtis is manager of the Carsonville Creamery Association at Carsonville, Mich.

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ABOUT THE CAMPUS

First promenade concert in
armory Friday evening, Nov. 20.

Pres. Charles W. Eliot, of Har-
vard, has resigned after a a contin-
uous service of more than 30 years.

Mr. and Mrs. P. R. Bissell, of
Waterbury, Conn., have been
spending a few days with Dean
and Mrs. Bissell.

Two home football games are
scheduled for Saturday. A Senior-
Freshman game at 2:00 p. m. and
a game between the M. A. C. and
Olivet Reserves at 3:00.

The engineering department is
cooperating with Mr. E. R. Lewis,
division engineer of the Michigan
Central railroad, in a test of cement
fence posts. The results will be
published later.

Pres. Snyder, Dr. Beal, Dr.
Marshall, Prof. Taft, and Mr. A. J.
Patten will attend the meetings of
the American Association of Agri-
cultural Colleges and Experiment
Stations at Washington, D. C., next
week.

Arrangements have been made
whereby the battalion will be equip-
ped with more modern firearms.
Gov. Pingree in 1898 bought a
quantity of Lee-Remington caliber
30 magazine rifles to equip the
Michigan Volunteers for the Spano-
American war which have since re-
mained unused. These the depart-
ment has kindly consented to place
at the disposal of the college military
department and the old equipment
will be sent to the Rock Island
arsenal.

The young women's societies
took in their new members last Sat-
urday evening.

Dr. Albert Ross Hill will be in-
augurated president of the Uni-
versity of Missouri, Dec. 11, 1908.

R. A. Turner attended the State
teachers' meeting in Saginaw last
week. To hear Mmc. Galski
sing, he says.

The Officers' Association will
give their first military hop of the
season Dec. 4, '08. All students are
invited to attend. Bill \$1.

R. G. Hoopingartner, '09, was
quite badly scalded in the bacterio-
logical laboratory Saturday. A
flask of hot nutrient gelatin was
accidentally spilled over his head and
shoulders.

The following persons were in
attendance at the M. A. C. banquet
held in Saginaw Friday evening of
the State Teacher's Association:
Mrs. Daisy Coffeen, '93; Miss Bess
Hamilton; Daniel H. Ellis, '07; C.
H. Parker, '00; Coral R. Havens,
'00; Annie L. Robinson, '06, sp.;
Lulu V. Robinson, '06; Mrs. A.
M. Robinson; Jennie Rigterink,
'08, sp.; Lora M. Hyde, '08; Edith
Roby, '07; J. L. Snyder; Mae M.
Gingles; Elizabeth C. Coy, sp. '05;
Edwin C. Peters, '93; Mrs. Edwin
C. Peters; R. A. Turner, '09;
Zella L. Walker, sp. '04; Alice A.
Kelley, sp. '05; Calla Krentel, '07;
Lena F. Morris, '07; Hazel A.
Beard, '08; Mr. and Mrs. E. M.
McElroy, '93; Anna C. Finlay, sp.
'05; A. J. Besse, with '94.

Pres. Snyder, Dr. Beal, and Prof.
J. F. Baker are attending the State
Forestry Convention at Battle
Creek.

Mrs. A. Darling, a well-known
music teacher, has located in East
Lansing and wishes to organize a
ladies' and gentlemen's quartette.

Dr. Slobin gave an especially in-
teresting talk before the union meet-
ing Sunday evening on the subject,
"Present Status of Jewish Theol-
ogy."

There will be a cross-country run
Saturday at 1 p. m. over old course
for the purpose of choosing men to
compete in the Notre Dame meet,
to which M. A. C. was invited.

About 20 members of the college
Y. W. C. A. expect to go to Hills-
dale Thursday evening to attend
the State Y. W. C. A. convention
which will be held there. Friday,
Saturday and Sunday.

The band was entertained by one
of their down-town members at a
beef steak roast in North Lansing,
Saturday afternoon and evening.
A very pleasant time is reported by
all. Cake walk, Virginia reel and
barn dancing and other specialties
were the amusements of the evening.

Max Tower, J. A. Mitchell, O.
C. Lawrence and R. W. Taylor
will be given their final initiation
and ritual work for the Alpha Zeta
fraternity this evening. Monday
they were required to pitch a tent
and cook a camp dinner on the
campus in front of the library
building.

All students and others are vor-
dially invited to attend the sessions
of the Normal Institute this week.

Notwithstanding the fact that
those Philadelphia girl art students
now have a smoking-room of their
own, some are still looking for a
match.

The Womens' Society of the
People's Church holds its meeting
at the home of Mrs. J. L. Snyder,
Wednesday at 2:30 o'clock. Busi-
ness and sewing are in order.

All ladies of the campus and
vicinity are cordially invited to the
women's session of the Normal In-
stitute held in the Women's Build-
ing this week. See program in
last week's RECORD.

About 50 couples enjoyed the
Aurorean winter party Saturday
evening in the college armory,
which was decorated in green foli-
age and white bunting. A neat lit-
tle room in one corner contained
students' equipment for ease and
comfort, and the guests might step
from there into a pretty woods gar-
den enclosed by a high rail fence.
Another corner proved a very pop-
ular retreat due to the presence of a
rustic moss-covered spring, from
which punch was served. The col-
lege orchestra rendered an excellent
program including several moon-
light dances, which were lighted by
the beams from the moon and from
an elaborate pin design of the soci-
ety in the opposite end of the hall.
The patrons were Prof. and Mrs.
W. O. Hedrick and Prof. and Mrs.
A. C. Clark.

M. A. C. SCORED ON BY OLIVET.

(Continued from page 1.)
HOW THE SCORES WERE MADE.

M. A. C.'s first score came after Olivet booted to McKenna, who returned 20 yards before being tackled. Wheeler took 2 yards, Shedd added 10 more, Exelby and "Buck" got 4. Olivet held on the next down, but Exelby was called upon and put the ball over. "Mac" kicked goal making the score 6-0.

The second touchdown was made by "Court," after the ball had been steadily pushed down the field by "Ex," Wheeler, Shedd and "Mac." "Mac" again made good by kicking a difficult goal.

With the ball on the 35 yard line, and M. A. C.'s third down, McKenna place kicked for the third score.

The last touchdown of the first half came as a result of an onside kick by McGilvary, which went over Olivet's line. Before it could be recovered by Olivet, "Cap" had fallen on it, and "Mac" added an extra point by kicking his third consecutive goal.

Early in the second half McKenna tried for a place kick which went wide, and on the kickoff Burroughs caught the oval, and got 20 yards on it before being thrown. Court added 10, a line buck brought 4 more, but on an attempted kick, the ball was blocked and Olivet recovered it, only to lose it a few moments later on an attempted forward pass. M. A. C. booted 30 yards, and held, forcing Olivet to punt to "Mac." A delayed pass brought the ball to Olivet's 35 yard line. Mac tore 15 yards off left end, Buck went through left tackle for 5, Olivet was penalized 5 and Ex went 5 more. "Mac" tore through right tackle for the score and afterwards kicked goal, making it 28. Burroughs was credited with making the next score, and "Mac" negotiated a difficult goal. By this time, Olivet's line was torn to shreds, and M. A. C. punctured it at will for gains of from 4 to 20 yards.

After a penalty of 15 yards for holding, Olivet punted to M. A. C., who got 40 yards on the runback. A forward pass added 35 more, and Exelby was shoved over for the 6th score. "Mac" made it an even 40 by kicking goal.

The last score of the day was made during a slight drizzle, which set in near the end of the half. "Mac" had booted an onside punt, and breaking through Olivet's line he secured the ball and dashed across the line. He afterwards kicked goal.

Never did "Mac's" toe work so well as it did Saturday, as he missed but one chance out of 9.

SUMMARY.

M. A. C.	OLIVET.
Frazer	r. e. Turner
Wheeler	r. t. Berry
Bennett	r. g. Harwood
Patterson	r. g. Harwood
Moore	r. g. Harwood
Bennett	r. g. Harwood
Campbell	r. g. Harwood
Shedd (capt.)	r. g. Harwood
Campbell	r. g. Harwood
Burroughs	r. g. Harwood
McGilvary	r. g. Harwood
McKenna	r. g. Harwood
Courtright	r. g. Harwood
Allen	r. g. Harwood
Exelby	r. g. Harwood
Shedd	r. g. Harwood

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Touchdowns—McKenna (2), Wheeler (2), Exelby (2), Burroughs; goals from touchdowns—McKenna (7); goals from placement—McKenna; safety—McGilvary. Time of Halves—35 minutes. Score end 1st half—M. A. C. 22, Olivet 0.

SECOND TEAM DEFEATED, 6-5.

The second team, which accompanied the varsity squad to Olivet Saturday, was defeated 6-5 in a well played game with Olivet's scrubs. The score was 5 in favor of M. A. C., when a run of 40 yards after a well executed forward pass gave Olivet 5 points. M. A. C.'s failure to register a goal kick gave Olivet the single point necessary to break the tie.

The seniors and juniors played a practice game on college field Saturday afternoon, which resulted in a victory by the seniors by an 11-6 score. Oviatt and Bignell made the scores for the '09 team, and Anderson on a long end run scored for '10 men.

The seniors play the freshmen for the class title next Saturday.

The M. A. C. Engineering Society meetings are open to all engineering students at the college. We wish to see more of the under-class men attend as well as the upper-class men. The announcements of the meetings will be read in the clubs and posted on the bulletin board in the Engineering Building. Get busy and come and receive the benefit with the rest.

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N. H. MOORE, D. D. S. Office 411-413 Hollister Building, Lansing, Mich. Citizens phone 475.

R. W. MORSE, D. D. S. Hollister Block, room 517. Citizens phone 72. Bell phone 306.

D. E. PARMELEE, Dentist, 117½ Washington Ave. S., Lansing, Michigan. Citizens phone, office 275; residence, 261.

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DR. OSCAR H. BRUEGEL. Hours, 7 to 8:30 a. m.; 2 to 4 and 7 to 8 p. m. Sundays, 12 to 1 and 5 to 6 p. m. East Lansing, Mich. Citizens phone 1502.

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