M. A. C. opens base ball season

Olivet is shut out, 3-0.

Two home games this week.

M. A. C. opened the baseball season at Olivet Saturday by defeating the crimson players 3 to 0. The home team played excellent ball throughout the contest and Olivet was given but one chance to score. This came in the third inning when the pitchers killed the bases. The opportunity was lost, however, when Beatty stopped a hard drive, the luck changed and Olivet was retired.

Spencer pitched for the home team and his work was a feature. He allowed but two hits while his opponent was found wanting. His innings only were played. Olivet used two pitchers—Wallick and Sanford. Spencer fanned 8 men in the six innings.

Griggs, a former Olivet man, played a great game at first and also secured two of the seven hits registered by M. A. C., one of these being a home run and scoring Bibbians ahead of him. Bradley also secured two hits, while Gorens, Leete and Regge are each credited with one.

On Friday, Ohio State will play on the home ground, and on Saturday Case comes for a game. Both will be good contests. Watch the bulletin boards for further announcements. Let's give the team our support.

Summary of the Olivet game:

Olivet

AB H O E

Depe. ... ... ... ... ... ... ... 3 0 0 0

Sorenson, 1 0 0 0

Hammontree, 2 0 0 0

Sanford, 3 0 0 1

One, c. ... ... ... ... ... ... ... ... ... ... ... ... ... 1 1 4

Price, 2 0 0 1

Smith, r. ... ... ... ... ... ... ... ... ... ... ... ... ... 2 0 0 0

Dunstan, 2 0 0 0

Wallace, p. ... ... ... ... ... ... ... ... ... ... ... ... ... 2 1 7 0

Totals: 22 2 18 11

M. A. C.

AB H O E

Brady, 3 4 2 0 2

Gorens, r. ... ... ... ... ... ... ... 4 1 1 0 0

Danner, 2 0 0 1 0

Dawson, l. ... ... ... ... ... ... ... 1 0 0 0

Harvey, m. ... ... ... ... ... ... ... 0 0 0 0

Biggies, s. ... ... ... ... ... ... ... ... ... ... ... 1 0 0 1

Bibbians, c. ... ... ... ... ... ... ... ... ... ... ... 3 0 0 0

Griggs, ... ... ... ... ... ... ... ... ... ... ... ... 2 2 0 0

Spencer, p. ... ... ... ... ... ... ... ... ... ... ... ... ... 2 0 0 2

Totals: 23 7 18 8 2

Innings: 9 3 4 5 6

M. A. C. 6 0 1 2 0 0 0

Olivet 0 0 0 0 0 0

Runs—Bradley, Bibbians, Griggs—3.

Home run—Griggs. Stolen base—By Spencer & by Sanford. Base on balls—Off Wallick & Double play—Sanford, Gorens and Bibbians.

The game was started at 3:30 p.m.

By a little dicing, the water on the athletic field was disposed of last week, and by Wednesday or Thursday the work will be completed and the field ready for use.

The boys have been hard at work on the various open spots, and while not so satisfactory as the field itself, some very good results have been obtained. The members have been narrowing gradually during past week, although, on account of the large amount of showery variability, it is somewhat difficult to determine just who will represent M. A. C. in the coming games. Both old and new men are showing up well in all departments of the game, and we shall look for good results.

Honorary Society for Women at M. A. C.

The matter of an honorary society for the women of M. A. C. has been considered from time to time since the winter of 1909-10, when letter of inquiry were sent out regarding the matter. It was found that no such society existed to which the agricultural colleges were eligible.

The faculty of the Household division took up the project and finally presented a recommendation, with a proposed constitution to the College Faculty. This was adopted at a recent meeting.

The new society is to be known as the Omicron Nu, which is taken from the Greek, "to mark a household." The object as stated in the constitution is to further home economics and scholarship among its students. The constitution is based upon those of the Sigma Xi and the Phi Beta Kappa national societies, to each of which women are admitted.

The members of the Alpha Chapter will soon be announced. It is to be hoped that other chapters will follow in those institutions where home economic courses, equivalent to the usual four-year college courses, are offered.

"95

Chas. H. Alford has resigned his position at College Station, Texas, and is now located at Gregory, Texas, where he has associated himself with the Coleman-Fulton Pasture Co., better known as the Taft Ranch. This is not, however, one of the largest ranches in Texas, but is perhaps one of the largest agricultural enterprises in the country.

The company also has a large amount of undevolved land, which they are getting under cultivation as rapidly as possible.

Fourth inspection trip engineering seniors.

The fourth annual engineering inspection trip has been outlined by the instructor of engineering, and will be as follows:

About 30 seniors, accompanied possibly by Dean Bissell and Professors Vorder and Sawyer, will leave Lansing on Tuesday, April 30, in a special sleeping car, on the Grand Trunk east for eastern points.

The first stop will be Niagara Falls. The chief objects of interest here will be the Hydro-Electric Power Plant, plant of the International Paper Co., and the Electric Railway in the Niagara Gorge.

From Niagara the party will proceed to Buffalo, where a part of the day will be spent in visiting the ship yards, the city water works, and substations for the distribution of Niagara power to the city of Buffalo.

Upon leaving Buffalo, the party will divide, one section going to Pittsburgh, and the other will proceed to New York City. The party visiting Pittsburgh will spend two days there, and will visit the plants of the Westinghouse Electric Manufacturing Co., the Westinghouse machine Co., the American Bridge Co., and one of the large steel plants.

The party going to New York will spend two days in that city, visit the Brooklyn navy yard and the harbors, and inspect the transatlantic facilities of the city.

Both parties will return Sunday, May 5. We hope to have a good description of the trip, together with a cut or two representing some phase of the same.

THE BOOK STORE.

Miss F. Isis Kittner, of Columbus, Ohio, has accepted the position of secretary of the co-operative book store at M. A. C., and her work will begin June 15. Miss Kittner has had several years experience at the University of Ohio in this line of work and comes very highly recommended.

We are sure she will receive the necessary co-operation of students and faculty alike to make her work at M. A. C. a success.

Miss Lilian Kendall, who leaves at the close of the spring term, has been a most efficient and popular manager, and it is with regret that her resignation is received. During her two years of service the business has grown steadily and only recently it was found necessary to move into more commodious quarters.

She has been held in the highest esteem by all who have known her, and we can surely wish her "Joy for the coming year."
The M. A. C. RECORD
PUBLISHED EVERY TUESDAY DURING THE COLLEGE TERM BY THE MICHIGAN STATE AGRICULTURAL COLLEGE
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TUESDAY, APRIL 16, 1912.

PROF. Macklin is in receipt of the following letter, dated Holland, April 3:

"Dear Sir:

Last year's track manager informs me that you and he came to the conclusion that M. A. C. was out of the class. For this reason, you have not received an invitation this year. The present captain and manager are of the same opinion.

Hoping this will not mar the good will between Hope and M. A. C.

C. H.

Very sincerely yours,

T. M.

If no contest is held at Hope this season, the above will answer the question why?"

Mr. Macklin received a similar letter one year ago, only a short time before the distance run, and entered a protest. M. A. C. was then allowed to enter, and no reference was made to future plans. M. A. C. is informed that his team would be barred, and made the usual arrangements for the cross-country, which would be nullified soon. As no agreement had been entered into, he had every reason to make such preparation.

The matter will be taken up farther on in the Holland school, and we trust arrangements can be made whereby our relations with that institution may be continued.

MICHIGAN WEEDS.

Bulletin No. 267, on Michigan Weeds, by Dr. W. J. Hall, is now being mailed. The object of this bulletin is to furnish illustrations that will aid students in school and college, and farmers out of school, to recognize some of the more striking weeds.

The work consists of 40 pages, with 208 excellent illustrations. The illustrations include not only the plant, but the soil which it bears, and, in connection with each, is given a paragraph describing the plant as to size, characteristics, and origin.

The bulletin is a companion to No. 266, published in March, 1910, and is suggested by the author that the two be studied together. The illustrations are of the very best, and the bulletin as a whole a valuable one.

Frank Hurst, former Y. M. C. A. secretary at M. A. C., called on college friends yesterday, on his way to Ann Arbor, where he will make his future home. "Yost" has entered the field of "life insurance.

EXPERIMENTAL WORK IN THE FOUNDRY.

An interesting experiment was started in the foundry Saturday of last week, the ultimate object of which is to determine the effect of reinforcement on cast iron. In each flask used were models for three bars of iron. It required some 300 pounds of iron to pour these, and all were poured from the same ladle, so that conditions surrounding each would be exactly the same.

The bars were 24 inches in length by 5½ inches in diameter, and weigh about 127 pounds each. One was poured solid, another was reinforced with a solid bar, and in the third was placed a tube. These will be taken from the foundry and turned down to a diameter of two and one-half inches. With the aid of the testing machine the bars will then be broken, and the strength of each be ascertained.

One of the interesting features of the experiment was to note the effect of reinforcement on the cooling process of the castings thus made.

The work is being carried on by Messrs. Kane and Bone as a part of their thesis.

EUROPEAN PRIZE.

A prize of twenty-five dollars will be given by the Eumenion Literary Society at commencement time to the student of the Michigan Agricultural College displaying the greatest ability in an original literary effort under the head of an essay, story, drama, or poem.

The prize shall be awarded preferably by the decision of three judges, but may be divided into two equal prizes by a unanimous decision of the judges, if two productions of equal merit are submitted.

The judges shall be chosen by the English department of the college, and shall be men of recognized literary ability, and in no way connected with this institution.

The productions shall be limited in the following manner:

1. The essay shall not contain more than 1,000 words.

2. The story must consist of not more than 2,000 words.

3. No limit shall be placed upon the drama or poem.

All productions which are to compete for the prize must be placed in the hands of the English department not later than May 10th.

Last year prizes were awarded to Miss Ruth Landers, of the honorary society, for "The Justice of Darkness," and to Mr. E. R. Bowles, of the English department, for an essay, "The Greater Justice."

HORT. CLUB.

Professor Patten, experiment station chemist, discussed "Raw Rock Phosphate" before the Hort. Club Wednesday evening. In brief, Prof. Patten's opinion is that "raw rocks" should be used only on such soils as are well supplied with organic matter, or heavily dressed with manure. In no case use it for any but grain crops, and then returns must not be expected in less than from four to five years.

In many cases where rock phosphate has been used results should have been attributed to lime rather than to $\text{P}_4\text{O}_5$. Ground limestone is forced with a solid bar, and in the third was placed a tube. These will be taken from the foundry and turned down to a diameter of two and one-half inches. With the aid of the testing machine the bars will then be broken, and the strength of each be ascertained.

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RAILROAD TAXATION IN MICHIGAN.

"The History of Railroad Taxation in Michigan," by Prof. W. O. Heidrick, has been printed by the Legislative Reference Department of the Michigan State University, and in view of existing conditions, will no doubt prove a popular reference in connection with the settlement of questions involving railroad taxation.

The publication is the result of work by Dr. Heidrick, and was presented to the faculty of the department of literature, science and arts of the University of Michigan, for the degree of doctor of philosophy.

The publication consists of some 70 pages, and the work is divided into five chapters. The subjects in general treated are: The Capitalization Tax, The Tax on Gross Income, The Property Tax on Railroads, The Operation of the Property Tax, and The Disposition of Tax. Under these heads are then discussed the railroad development in Michigan, beginnings of railroad taxation, basis of taxation, definition of terms, etc.

Chapter 3 is of interest to the student, showing the amount of receipts during five years previous to 1910, under the gross income tax, as compared with receipts for five years under the general property tax, together with probable increases, from over 50 railroads.

MICHIGAN ACADEMY OF SCIENCE.

AGRICULTURAL SECTION.

The agricultural section of the Michigan Academy of Science will be held in the agricultural building on Saturday of this week. A number of papers dealing with agricultural subjects will be presented.

The Junior Research Club, of Ann Arbor, some 25 or 30 in number, are expected here that day, and will be the guests of the local club. The party will attend the meetings of the agricultural section in the afternoon, and lunch at the Delta Club, when a social hour will enable everyone present to become acquainted with the visitors.

The party will probably charter a special car on the interurban.

Dr. Marshall will address the Hort. Club Wednesday evening, on the subject, "What is Research?"
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MIFFLIN'S

ABOUT THE CAMPUS

Born to Lieut. and Mrs. Cron, on Monday of last week, a son.

The Misses Palm and Tuft were in Detroit last week, when they attended the grand opera.

The State Board holds a meeting on Thursday of this week, when the matter of employees for the coming year will be taken up.

Rev. T. J. LeGard, of the Central Methodist church, Lansing, spoke in chapel Sunday afternoon at 2:30. Special music was furnished by the M. A. C. choir.

W. W. Shanor, '11, who has been employed since graduation by the department of animal husbandry, left for his home in the east last week. He expects later to assume the management of a large farm near Pittsburg, Pa.

At the recent meeting of the Forestry Club, the following officers were chosen: H. D. Hall, chief forester; E. W. Deziel, associate forester; C. R. Garver, chief of records and accounts; W. R. Johnson, ranger; W. A. McDonald, member of executive committee.

Mr. D. E. McClure of the State Board of Health, spoke before the Forestry Club Tuesday evening of last week upon the subject, "The General Forest Movement and Its Relation to Education." The meeting was attended by an enthusiastic bunch of forestry students and the address of Mr. McClure was well received. Maj. Oates, State Chief Fire Warden, will speak before the club on April 22.

F. G. Klicker spent the week end at his home, in Pontiac.

The May Festival on May 24 is sure to be a winner. Plan to attend and bring your friends.

The matter for the April bulletin is now in the hands of the printers, and hope to have same for distribution within a short time.

Olivet's debating teams won two victories Friday evening. Hope was defeated at Olivet and Alma. The question was, The Ownership of Public Utilities.

Dr. W. O. Hedrick acted as one of the judges at Albion, Friday evening, in connection with the debate between that institution and Lawrence University of Appleton, Wis.

The various societies are working hard on their respective "stunts" for the approaching carnival, and all promise to be good. Plenty of attractions, the regulation home-made confecctionery, and an opportunity to see policemen in action.

The College Cadet Band go to St. Johns Thursday evening of this week, where they give the second out-of-town concert this year. They are going upon the solicitation of Mr. A. M. McVickie, '11, M. A. C.'s line wire in St. Johns, and will be assured of a royal welcome. The party goes, by special car, and includes as special attractions the Aurelian Male Quartette, and Prof. King as reader. The program will consist of standard and popular concert numbers.

Miss Mabel Long, who spent her vacation with college friends, left last week for her work in Davenport.

Dr. Price will speak in chapel Sunday morning at 9:00 o'clock. Note the change from 2:30 to 9:00 a.m. Special music.

Mayor Gunson's residence has been undergoing some changes recently, chief among which is a fine open porch from the second floor.

Prof. Kelzle is doing as well as can be expected under the circumstances. It is expected that the injured member can be placed in a cast this week, after which he can rent easier.

Dr. Beal has recently received a letter from Dr. A. J. Murray, a practicing veterinarian at El Paso, Tex. Dr. Murray was the first man to lecture in veterinary science at this college, in the year 1881-82. He came out from Detroit to lecture to seniors for about six weeks.

Food Commissioner Dame has sent out some large posters announcing the fact that his department will assist in every way in the effort to bring about a better grade of poultry products than are now placed on the market. C. L. Opperman and one other U. S. employee will be in the state next month to assist in a crusade, and the college department will co-operate as far as possible. Commissioner Dame's posters include valuable suggestions to farmers, as well as a promise of prosecution to the vendors of "bad eggs."

The College Poultry Club purchased two white Wyandotte cockerels of Arthur Hurd of Lansing recently.

Mr. Blakesley and Prof. Ryker were judges in the Olivet Hope debate, at Olivet, Friday evening of last week.

L. L. Barrell, '08, who has been teaching in an Indian school on the Navajo reservation, Shiprock, N. M., has again been a visitor recently.

The circular announcing the May Festival will be ready for distribution this week. The best of solos have been obtained, and the entertainment will be of the very best. Mark the date, April 24, on your calendar.

Mr. Linton closed his series of lectures and demonstrations before the Jackson V. M. C. A. last week and he states that the enthusiastic which characterized the class at the start held up to the last moment of the course, and they are now planning for a more advanced work in the future.

In the recent debate at Albion, the team representing that institution won the unanimous decision of the judges over Lawrence University. The question debated was, "Resolved, That a progressive institution be and ought to be established by the government, constitutionally conceived." Albion won on the affirmative, G. C. Wilson, a sophomore engineer at M. A. C. the past year, and now a student at Lawrence, was a member of the debating team from that institution.
ABOUT THE CAMPUS

Dr. and Mrs. J. S. McDaniels are the proud parents of a baby daughter, Virginia Lucile, born Tuesday, April 9.

Mike Towler, '19, is at M. C. A. for a few days in the interests of his firm, Williams Bros. Mfg. Co. of Detroit.

Dean Gilchrist spoke before the Women's Literary Club at Portland on Friday of last week on Practical Education.

Prof. Kedzie has received letters from Dr. E. D. Brooks, '76, C. I. Auten, '02, Carl Chapman, of Detroit, and others, expressing their sorrow at his misfortune and expressing a hope that he may speedy recover.

The Men's Club of the People's Church is growing in strength and numbers. Some practical problems of the city of East Lansing are being discussed which will no doubt bring about good results both to individuals and to the city as a whole.

There are now five incinerators being used by the poultry department for laboratory work and two more are soon to be added. Owing to a change in the course for next year the poultry class is much larger than ever before, some 25 men being enrolled.

The class in machine tool design visited several of the factories in Lansing last Tuesday morning, and studied the various types of "radial drills" in use. The several members of the class will each design a machine tool according to assigned type and specifications during the present term.

In the recent debating try-outs, Men's, Women's, Hart, and Marquoll won first places, and will therefore constitute the team representing M. C. A. at the M. C. A. debate on June 2. Two preliminaries will be held Tuesday and Wednesday of this week. From these contests five men will be chosen, so that we shall have two teams and two alternates.

Farmers are making a greater demand than ever before for forest tree seedlings, which shows a substantial growth of interest along the line of reforestation. Further, the orders are more evenly distributed over the state and, as a rule, in undivided and in greater variety of species called for. It would seem, therefore, that the interest is statewide and farmers are anxious to begin, on a small scale, to repair some of the damage done our forests in past years.

Announcement is made of the marriage on April 9 of J. R. Rice, '98, and Miss Marion Louise Welsh, at Lima, Ohio. The young people will be here at home after May 1, at Morrisville, N. Y., where Mr. Rice has a position as foreman in the New York State School of Agriculture.

The M. C. A. RECORD.

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DENTISTS.

PARKER, LUCINDA, 151 Wash- ington Avenue, Office 800, Handsome, Michigan.


DRUGGISTS.
ROGERS, CAPITAL DRUG STORE, 16 to 18 p.m., Opposite Hudson Block.

DENTISTS.

ELECTRICAL SUPPLIES.

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MRS. O. T. CASE, Manufacturing and Hair Dressing, 806 E. 12th St., Michigan Avenue. Also 1235 B. S. 1, 77 R. Michigan Ave.

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D. G. HIEBKE, M. D., Hours 7 to 12 M. & T. and 7 to 12 N. 900 N. M. C. St. (Second St. N. M. C. St.)

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