

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 10.

LANSING, MICHIGAN, TUESDAY, MAY 16, 1905.

No. 34

## M. A. C. 20-KALAMAZOO 4.

All pitchers may look alike but in some cases their work differs. Kalamazoo started with Burroughs in the box and M. A. C. scored seven runs in two innings. Kimmerle was then put in and checked the hitting for a little time but it did not last long and in the last three innings twelve runs were registered, eight of which, in the ninth were scored on eight singles and a two base hit in succession.

The score tells the story of the game. Every man on our team hit the ball hard and Nies pitched a splendid game. Shaffer, who went into the box the latter part of the game, also did good work.

Kalamazoo played a better game than the score would indicate, doing good fielding work in the face of the fierce hitting. M. A. C. also ran bases almost at will. This is the first time M. A. C. has won from Kazoo on her home grounds.

This is the third cup game for the team and insures them a chance at least on Field Day. It practically decides that the contest will be between three of the four colleges—Albion, M. A. C., Olivet and Hillsdale.

Following is the score by innings:

	1	2	3	4	5	6	7	8	9	R	H	E
M. A. C.	4	3	0	1	0	0	3	1	8	20	23	1
Kazoo	0	0	0	2	2	0	0	0	4	6	6	6

Two base hits,—Wilcox, McKinna, Canfield, Burke, Phelps and Kimmerle. Struck out by Nies, 7, by Shaffer, 1, by Kimmerle 4. Double plays M. A. C., 3. Bases on balls, Burroughs 3, Kimmerle 3, Nies 3, Shaffer 1. Stolen bases, M. A. C. 14, Kalamazoo 1.

Umpire, O'Toole.

## ALBION—M. A. C.

On Thursday afternoon Albion comes to M. A. C. for a practice game. Albion is our old rival and every one will want to see this game. It is conceded that Albion has one of the best, if not the best team in the intercollegiate. Nearly all of last year's veterans are back this year, and with Striker in his fourth year as pitcher, and Bliss catching his third, they are unusually strong. They are of course looking for a walk-a-way, but M. A. C. has a few players, too, and a splendid game is expected. Last year Albion won the first game 3 to 1, the second game was forfeited to M. A. C., and in the third M. A. C. won 2 to 1. It is to be hoped that we may have more favorable weather this week than last, and that Thursday, especially, may be an ideal day for the contest.

## FARMERS' CLUB.

Dr. Waterman spoke at the Farmers' Club, Tuesday evening, on the slaughtering of infected cattle at the Chicago stock yards. The Union Stock Yards are managed by the Livestock Exchange. There are very strict regulations against

"graft," making these yards the cleanest business center of the city. This organization is in sympathy with the Federal inspection for it suspends or expels its members who violate the inspection laws. There are three inspections made; as the animals leave the car; in the yards; and at the scales. All cattle showing signs of disease are tagged and sent to a government yard. These condemned cattle are taken to quarantine station outside of the yards. On each Friday they are killed at a private plant. Record of each animal is kept by number and the seller gets all that it brings except the commission and \$1.75 for slaughtering. Some have only the head condemned. These carcasses go into the cooler and on the next day are sold to the highest bidder. That which is condemned goes into the tankage and is sold each month to the highest bidder. It is used to manufacture stock foods and fertilizers. 113,000 cattle are condemned and 64,000 partially condemned annually. All slaughtered animals are inspected, making it safer to buy meat of a large establishment than of the small dealer.

## Y. M. C. A.

Thursday evening's meeting was led by Mr. R. C. Fowler, and the subject for the evening was "Everyday Christianity." Mr. Fowler deplored the fact that the need for such a term existed, and exhorted that our Christianity be of the "every day" kind. Helpful remarks were made by H. H. Crosby and others.

Rev. H. B. Bard, in his Sunday morning service in chapel, showed the comparison between gardening and character building—how the soul is enriched or hindered in its development by the seeds sown. It was one of those sermons that, by its beauty and attractiveness combined with the practical thoughts, hold the attention of the congregation to the end.

There was a good attendance at the musical program given in the union meeting Sunday. There were four numbers, two by the mixed quartet, Misses Alden and Maynard and Messrs. Wilkinson and Bates, a solo by Mr. Kimball, and a duet by the Misses Alden and Adams.

## M. A. C. FORESTERS.

Prof. J. D. Towar gave the M. A. C. Foresters an interesting and instructive talk at their last meeting on "Trees of My Travels," illustrating it with numerous specimens from Australia and the orient.

He said that the tree aspect was one of the most impressive of a country. This is particularly true when one sees the tropical forests which are made up in part of palm trees. The original forests of the Sandwich Islands are nearly all destroyed. Tasmania woods resemble New Zealand woods much more than those of Australia. A com-

mon tree in Australia is the eucalyptus in numerous species. Australians are alive to the importance of tree growing. Many of our native trees grow there if furnished with sufficient moisture. The bamboo is extensively used, some species growing in dry sand, and such are used to prevent the wind from moving same. Finer eucalyptus grow in California under cultivation than grow native in Australia. They yield a gum known as kino, as much as four or five hundred pounds being secured from a tree.

The most important tree of Ceylon is the cocoanut which furnishes oil, nuts, valuable timber, a beverage very intoxicating, vinegar, rope, etc. Among the numerous specimens exhibited were a war club, a native pillow consisting of a bare piece of bamboo on short wooden legs, taffa cloth made from paper mulberry, canes of ebony, palm, the oak, molacca and yucca, two toy elephants, one cut from ivory the other from palm wood, and numerous photographs. E. E. B.

On Wednesday evening, May 10, at the home of Justice W. L. Carpenter, 311 Seymour street, was solemnized the wedding of Miss Jennett Carpenter, sister of Justice Carpenter, and Capt. Mark Wheeler of the United States Army. The ceremony was performed by Rev. J. A. Schaad of St. Paul's church, at 7:30 o'clock, after which an elaborate wedding supper was served. The house was beautifully decorated with apple and magnolia blossoms. The bride was attired in a beautiful gown of white crepe de chine over taffeta, and carried a shower bouquet of lilies of the valley. The groom wore the full dress army uniform. The color scheme of pink was carried out in the dining room, and was very pretty. The bride and groom left on the Michigan Central train Wednesday night for Chicago, where they will spend a short time. In about ten days they will sail from San Francisco to the Philippine Islands, where they will make their home for the next two years. Only immediate friends and relatives were present. The out-of-town guests were Prof. and Mrs. R. C. Carpenter of Cornell University, Ithaca, N. Y., Mr. and Mrs. Ira Carpenter of Orion, Mich., and Rev. and Mrs. Jones of Kalamazoo. Mrs. Jones (Mrs. Nellie Kedzie), who is pleasantly remembered by College people, was at one time instructor to both Capt. and Mrs. Wheeler in the Kansas Agricultural College.

NOTICE.—A special meeting of the legal voters of School District No. 7 fractional, townships of Lansing and Meridian, called on the written request of five legal voters, will be held at the school house on the 16th day of May, 1905, at 7:30 o'clock p. m., for the purpose of further considering plans for providing additional school room and reconsider the matter of bonding for previously mentioned purposes.

F. C. KENNEY, Director.  
Agricultural College, May 10, 1905.

## ALUMNI.

COLLEGE STATION, TEX.

E. C. Green '97 has been for three years connected with the Texas Agricultural College as instructor in plant husbandry.

NEW BRUNSWICK, N. J.

Byron D. Halsted, '72, has been professor of botany and horticulture in Rutgers College and botanist to the experiment station for the past sixteen years. Mr. Halsted is the only M. A. C. man connected with the New Jersey college at present.

'83.

Milton St. John is one of the directors of the Empire State Creamery Co., Lindenville, N. Y. Mr. St. John recently sent to Prof. Kedzie a sample of iron slag for analysis to determine its value as a fertilizer.

'87-'90.

Mrs. E. D. Partridge (Lizzie M. Truman), who has been visiting her parents here, recently returned to her home in Provost, Utah. Her husband, E. D. Partridge, '96, met her at Grand Junction, Colo.

With '92.

Dana T. Jones, '88-'90, died at Traverse City, Monday, May 8, of locomotor ataxia with brain trouble complication. Mr. Jones was at one time a prominent newspaper man, having been connected with the Grand Rapids Democrat, Detroit Free Press and Cleveland Plain Dealer. He gave up newspaper work, however, and graduated from the law department of the U. of M., in 1900. He was engaged in the insurance business in Traverse City, but had been in very poor health for several years. Deceased was a brother of R. G. Jones, of the State Republican, from whose home the funeral was held Wednesday.

'94.

C. B. Smith, assistant horticulturist of the United States Department of Agriculture, has recently issued an excellent series of ten lectures on Fruit Growing for the Columbian Correspondence College of Washington, D. C.

'01.

Hugh P. Baker has just gotten out a fine prospectus of a course in Forestry at the Iowa Agricultural College, Ames, Iowa.

'02.

In a recent civil service examination in the subject of agronomy Matt Crosby, '01, tied for first place with the professor of agriculture at Mississippi Agricultural College, and Lyman Carrier of the same class was given second. This is another evidence of the fact that the graduates of M. A. C. are able to successfully compete with those of any institution in the land. The boys are to be congratulated upon their success.

'04.

Harvey Hahn is employed by the Toledo Hay Co., Toledo, Ohio. Mr. Hahn's work is that of establishing agents in New Jersey, Staten Island and Long Island.

THE M. A. C. RECORD.

PUBLISHED EVERY TUESDAY DURING THE COLLEGE YEAR BY THE MICHIGAN STATE AGRICULTURAL COLLEGE

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TUESDAY, MAY 16, 1905.

SENIOR ENGINEERS ENTERTAIN.

Last Friday evening the Senior Engineering Society set aside their usual order of business and entertained the senior agriculturalists and a number of the faculty.

After a short social session in the society's room in the Physics Building, the assembly adjourned to Club B. to partake of the banquet which had been prepared by the ladies of the club. The efforts of the society to make this occasion one long to be remembered was shown by the excellence of the repast.

When the spread had been disposed of Mr. Fowler, acting as toastmaster, after a few well chosen remarks, called upon President Snyder to talk upon "The Relation of the Graduate to his Alma Mater." In his talk the President pointed out the various temptations which come to the graduates of technical colleges, and the importance of a strong character and a high ideal in all things pertaining to their work. His advise to the young man starting his professional career was to be honest in all his dealings, seek only the best associates, connect himself with some good church, and start by saving a part of his income, however small, use his savings as a foundation from which to build, then get married and live happily ever after.

The toast-master then introduced Prof. Sawyer as the man who brought about the organization of the Engineering Society and the man whose untiring efforts in behalf of the students has won for him the admiration and appreciation of the entire student body. Prof. Sawyer talked of the young man securing his first position. He emphasized the necessity of self confidence, a willingness to begin at the bottom, and an ability to don the jumper and overalls and dig his way upward.

In introducing the next speaker the toast-master voiced the sentiments of his classmates in the following words: "It is a great thing to build the tools which mould a civilization; it is a great thing to till the soil and maintain a civilization; but to till the gray matter of men's minds to provide an environment in which men may grow and expand to the fullness of their facul-

ties—this is the work of a master, and such a master is our own Dr. Edwards. The subject of the talk was "The Relation of Reading to the Development of Character," and was just such a talk as all students knowing the Doctor have come to expect from him. He advised the habit of reading the newspapers and news periodicals, then pointed out the necessity of developing that side of the man which is apart from the mere struggle for gain, by fostering a taste for that class of literature which strengthens the mind, broadens the intellect, and makes the reader appreciative of the best that is in life.

The next speaker was Mr. Leonard, whose position among those students who have been fortunate enough to become well acquainted with him, is characterized by the title "Pa." Mr. Leonard talked of "Theory vs. Practice," and brought forward many incidents from his own experience showing the use of a theoretical education in practical work. He again brought out the importance of being willing to begin at the bottom and earn promotion step by step. The appropriateness of the speaker's appellation was shown by his fatherly interest in the future efforts of "his boys."

Prof. Holdsworth next related "College Reminiscences," entertaining his hearers with pleasing descriptions of college life at M. A. C. at the time when he was a student within its walls. His closing advice to the Seniors was to keep in touch with the aesthetic side of life by reading good books, seeing the great dramas and cultivating an appreciation of the fine arts.

The next speaker was Prof. Shaw, who spoke of the relationship existing between the mechanical and agricultural sciences. He showed how one was dependent upon the other and the two at the foundation of all society. He showed the high standing of our M. A. C. in its development of these two sciences. He also showed how the graduate, in his efforts to proceed in his profession, often did hurried and careless work and warned his hearers against such a course.

The last speaker of the evening was Mr. Gunson, who true to the toastmaster's prophecy, gave us a talk "as glad and wholesome as his own flowers." Mr. Gunson said it was not the first time that others had been given the first places on the program and he at last called upon to bring on the flowers. But he demonstrated in very pleasing talk that he was equal to the occasion. He reminded the seniors of the valuable privilege which has been theirs in securing a college education and the importance of making the best possible use of that privilege in the years to come.

At the close the toast master called for the class yell, after which the meeting adjourned, every one feeling that the occasion was one long to be remembered. There have been many events in the last four years, whose memories will long be cherished by the class of '05, but none which will stand out as the best, as will this banquet. The impetus and inspiration given us by the toasts will never be forgotten. The speakers were men who had risen to their present positions by the strength of their own characters, and in the talks of the evening they simply gave us a part of themselves. We forgot that we were listening to

toasts, but felt rather that we were being given heart to heart talks by men whose memories will ever stand as our ideals in our chosen profession.

In behalf of the agricultural seniors the writer wishes to express our appreciation to the Senior Engineering Society for the pleasant and profitable evening spent with them.

A. J. ANDERSON.

TENTH BIENNIAL OF THE Y. W. C. A.

The Tenth Biennial Convention of the American Committee of the Y. W. C. A., was held at Detroit April 26 to May 1. The delegates from the College Association were Neina Andrews and Miss McNaughton. Miss Gilchrist, as a member of the State Committee was also a delegate, while Misses Allen, Barlow, Inglis and Northrup were visitors at some of the sessions.

The morning sessions were held in the auditorium of the beautiful new building of the Detroit Association. The afternoon and evening meetings were held in the First Presbyterian church. The Convention opened Wednesday afternoon with a prayer and praise service led by Mrs. Frank E. Brown, of Milwaukee, a member of the American Committee and president of the last biennial. Miss Elizabeth Wilson, Secretary of the Training Department, gave an address on "The Relation of the Secretary to the Association," in which were set forth the duties and necessary qualifications of the secretary. Mrs. Margaret E. Sangster's address, "A Spiritual Message to the Official Lay Worker," was listened to by an intensely interested audience. She based her talk on the message to the church of Philadelphia, "Behold I have set before thee an open door and no man can shut it."

The address of the first evening was given by Rev. A. K. De Blais, of Chicago, who spoke on the "Opportunity of the Association to Maintain the Fundamental Principles of the Christian Church." He emphasized the three principles of the church, the humanitarian, the evangelical, and the evangelistic.

Each day's work during the convention was begun with group prayer circles which were, indeed, helpful. Here were gathered association workers from all parts of the United States and Canada and representatives of the World's Work as well,—gifted, cultured women all personally interested in the service of the Master. The last hour of every morning, following the business session, was given to Bible study, conducted by Dr. C. S. Beardslee of Hartford Theological Seminary. His exposition of the Psalms was very interesting and many points were gained as to the best way to study the Psalms.

In a brief summary it is impossible to cover all the addresses. Suffice it to say that each brought a message of power. All the national secretaries had some part on the program, and their addresses were convincing, because the result of personal labor and observation. The need of Bible study was emphasized over and over, both as a means of individual growth and of winning others to Christ. Miss Janet Alexander McCook of New York and Pres. Wm. H. Sallman of Carleton College, Northfield, Minn., spoke to a large and appreci-

ative audience on "The Opportunity of the Association to Prepare Teachers for the Church."

On Saturday the world's work was presented by Mrs. Thomas A. Gladding on "America's Responsibility;" Mrs. E. W. Moore of London, honorary secretary of the British National Council, who extended greetings from our English sisters and spoke enthusiastically of the work in England and of the support given it by the nobility as well as by the other classes of society, and Miss Annie M. Reynolds, formerly World's secretary of the Y. W. C. A., who gave an account of the work in the far places of the earth, saying it was a blessing not only to native born girls, but to the English women to be found in those countries.

The last session was a most inspiring one when the large audience overflowed the spacious auditorium of the church into halls and committee rooms and even into the streets. The "Lessons from the Welsh Revival" was the subject of Miss Taylor's address. This unorganized movement has been remarkably blessed of God. The Young Woman's Christian Association may well be encouraged, since all that is needed is an earnest, consecrated Christian life, burning with the desire that all shall know, and knowing, love the Lord Jesus Christ.

The social events of the convention were the pleasant reception held on Thursday afternoon, when old acquaintances were renewed and many new ones formed, and the Jubilee Tea held Saturday evening in the association dining room, to commemorate the fiftieth anniversary of the founding of the association in England. This gave opportunity for reminiscences of the trials and pleasures of the early days and for a most delightful social time.

(The above should have been published last week, but was received a little late for that issue.—Ed.)

Mrs. L. F. Esselstyn, of Teheran, Persia, is in Lansing, and has consented to give a talk to the M. A. C. people. She will tell from experience of the life and work of Americans and English in that country. Mrs. Esselstyn, whose husband is treasurer of the Presbyterian church in Teheran, has lived in that city 17 years, and in that time has gained a great deal of knowledge that will interest all who are so fortunate as to hear her. She will speak in the chapel Sunday evening at 7 o'clock.

The department of physics and electrical engineering has recently received from L. C. Brooks '92 some copies of the American Institute Meetings for 1903. Although we expect to have the bound volumes on file shortly, it is very convenient to have these unbound copies for class work use. This is the second contribution received from Mr. Brooks, the first being plans of the electrical equipment on one of our large battle ships. Mr. Brooks proves himself interested in his Alma Mater and we are quite sure that we have others of the same kind and would be glad to hear from them occasionally. Mr. Brooks is employed at the Cramps ship yards inspecting the electrical apparatus furnished for Uncle Sam's boats.—A. R. S.



**HORT. CLUB.**

At the meeting of the Hort. Club May 10, Prof. Hedrick gave a talk on "The Future of Horticulture in Michigan." He showed that at the close of the war Michigan was a stock and grain raising state, and grew only two fruits, peaches and apples; but when the great fertile plains of the west were opened up we could not successfully compete with them in raising grain and live stock and so have gradually drifted into specialization in fruit and agricultural specialties. Our alliance in the future will tend more and more toward horticulture and truck gardening for which Michigan is well adapted. Because of the infrequency of late spring frosts we have a greater number of peach crops than any other state, and our peaches also come into the market when they are wanted for canning after the hot weather. There is a great future for the apple industry as our apples are well flavored and yield abundantly. Grape culture is profitable because we have few pests. Michigan ranks second or third in small fruits, first or second in celery, and produces the best canned peas in the U. S., and has the largest pea canning factory at Hart. Tomato and cucumber growing will soon be a great industry as they set better here and are of better quality than in the south. The greenhouse industry is large and growing rapidly. On May 16 the Hort. Club will attend the meeting of The Farmers' Club, as C. B. Cook gives a talk before the club that night. May 27 Messrs. Boss and Stanton appear on the program and an interesting evening is expected.

**FARM NOTES.**

Unusual success has attended the lambing of the College flock. Up to the first of May from 30 ewes that have produced lambs there were 47 living of which there were 13 pairs of twins, two pairs of triplets and 15 singles. The losses have been exceedingly light, not more than two or three out of the entire lamb crop. Some of the lambs that were produced earlier in the season now weigh between 50 and 60 pounds. Mr. Richard Harrison, the herdsman, deserves credit for the success he has had in handling the College flock during the past three years.

As a result of the farrowing of the brood sows in the swine division there are 91 living pigs from 12 sows, representing several different breeds. Only a trifling loss has attended the work thus far, and all stocks are in a remarkably healthful and vigorous condition. In this division the forage experiment will be carried on this year as heretofore. The planting of the various forage crops was done about one week earlier than previously and are now showing nicely through the ground.

Field No. 5, to the left of the lane on the north side of the river bridge, has been set apart for the production of forage, soiling and root crops. Additional drainage has been put in to more thoroughly drain the lower portions of this field. It seemed advisable that these crops be grown as near the feeding barns as possible to minimize the cost and to more easily keep track of numerous forage experiments. It was furthermore desirable in order that visi-

tors to our institution might have an opportunity to inspect this particular branch of live stock work.

Considerable difficulty has been experienced in protecting the shade trees along the lane running through the farm. During the pasturing season large droves of cattle pass to and fro each day and more or less injury results from the rubbing of the trees. Devices of various kinds have been tried for the protection of these trees, but none have proven very satisfactory. It requires a very substantial tree guard to withstand the pressure from the rubbing of 1200 to 1500 pound cattle. A new triangular guard is being put in to protect the smaller of these trees. It consists of three pieces of 4x4 hemlock, 7 feet long, set into the ground 2 1/2 feet in the form of an equilateral triangle around the tree. The tops of these posts are dressed off so that 2x4's are spiked on. A strip of heavy woven wire fencing is then wrapped around the posts, leaving sufficient room at the bottom for the cultivation of the ground around the trees. These guards are not unduly expensive, and it is believed that they will preserve the trees from injury as long as they require protection.

Field No. 16, lying between the Grand Trunk and the Pere Marquette railroads, has been converted into a permanent pasture, largely owing to the difficulty of getting satisfactory results from cropping on account of its peculiar characteristics. The east end of this field, which has hitherto been open to the road, is now being fenced in with 58 inch, 12 bar woven wire fence. It will probably be subdivided later.

On June 7 and 8 occurs the Golden Jubilee and Old Home Coming Reunion of the city of Flint in honor of the Vice President of the United States, and other distinguished guests of the people of Flint on the occasion of the dedication of the new Court House and new library, the unveiling of memorial tablets and the laying of the corner stone of the United States Government Building. The principal address on the 7th will be given by Vice President Fairbanks.

**KINGSTON, R. I.**

Kenyon L. Butterfield is president of the Rhode Island College of Agriculture and Mechanic Arts, which position he has held since April 1, 1903. Mr. Butterfield was college field agent in '98-'99, in which position he did much valuable work in the way of advertising. Previous to this time he was editor of the *Grange Visitor* and later editor of the *Grange* department of the *Michigan Farmer*. After leaving M. A. C. in '99 he took post graduate work in Ann Arbor.

Mr. P. H. Wessels '05 is now at Kingston as assistant chemist of the Experiment Station, which position he accepted at the beginning of the spring term.

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**J. E. STOFFER,** D. D. S. Office 105 Washington Ave. S. Citizens' Phone 1049. Former M. A. C. student.

**N. H. MOORE,** D. D. S. Office 411-13 Hollister Building, Lansing, Mich. Citizens phone 475.

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R. C. Carpenter '73, of Cornell, was on the grounds Thursday for a short time. Mr. Carpenter holds the position of professor of experimental engineering at the above place.

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Assistant Goss of the postoffice attended the funeral of Miss Tompkins at Kalamazoo Tuesday of last week, returning Wednesday evening. Mr. Goss was the legal guardian of the deceased girl.