

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 13.

LANSING, MICHIGAN, TUESDAY, OCTOBER 1, 1907.

No. 2

FRESHMEN WIN THE CLASS RUSH.

Defend Banner and Carry Four of the Five Footballs into Sophomore's Territory.

Sophomores Win Canvas Tug-of-War by Four Points.

Saturday morning the various buildings about the campus were adorned with posters threatening the freshmen with the usual dire calamities and giving the usual questionable advice. Throughout the forenoon old clothes were dug up and at 2 p. m., according to the schedule, almost the entire sophomore and freshman contingent gathered at the athletic field in a various assortment of togs to defend the honor of the class. From the first it was evident that the sophomore class was outnumbered almost 3 to 2, their only chance for championship depending on their better organization.

The first contest was the canvas tug in which three trials were held each side putting up 15 different men for each trial. The Sophomores won two out of three bouts and had a total of 60 hands on the canvas in the three trials while the freshmen totaled but 56.

In the football contest the greater number of the freshmen gave them a decided advantage. Each class lined up across the field facing each other about six yards apart and at a given signal five footballs were thrown into the air midway between the lines and each class fought to force them into the other's territory. At the end of five minutes, four of the five had been forced into the sophomore's territory. Both classes then adjourned to the north end of the parade ground where the freshmen prepared to defend their banner which was tied about a tree ten feet above the ground.

For two periods of ten minutes each the sophomores surged against the wall of verdant freshmen and many times were only a hand's breadth from the coveted rag, but each time were hurled back and when at last Director Brewer blew the signal for "time up" it still remained defiant in the hands of the freshmen.

During the whole of the contest the utmost good feeling prevailed, every one bearing his knocks without a murmur. The result was decisive. The sophomores, though chagrined, acknowledged that they were fairly beaten, and take the defeat in a sportsman-like manner, and accord the freshman class the honors which they themselves won the year before. At least 400 students took part in the contest.

'07.

J. G. Cavanaugh, with '07, was married to Miss Mabel Cannon, of Montpelier, Ohio, at the home of the bride Aug. 29. They will be at home to their friends at Cedar Rapids, Iowa, 602 1st St.

LARGEST ENROLLMENT ON RECORD.

Over 400 New Students Enrolled to Date.

Despite the fact that everything served to favor a large attendance at M. A. C. this year, few, if any, even dreamed of the perfect deluge of new students which have applied for admission to the various courses. Not only is the number of new students larger than ever before, but the standard of scholarship has also greatly increased, the four year students outnumbering the five year in every course. Many class rooms are crowded beyond the limit, and although new furniture has been ordered and is arriving daily it has been necessary to provide additional quarters and arrange for new sections. The present indications are that considerable over 900 regular students will be enrolled, and if the special short courses this winter are proportionately well patronized we will have an enrollment scarcely dreamed of a few years ago.

Prosperous times and the additional publicity brought about by the semi-centennial celebration last spring have done their share toward bringing about this condition, but back of all this is the proper conception which the people of the state are beginning to have of the Agricultural college and its work. Our students "make good" and a successful alumnus is the best possible advertisement for an institution.

Brother alumnus are you doing your part to help the prosperity of M. A. C.? Are you sending your sons and daughters? Are you recommending it to your brothers and sisters, your neighbors' sons and your neighbors' daughters? If not you are taking no part in the prosperity of your Alma Mater. There will be room for all. Preparations are being made for a new five story Agricultural building and other buildings will be erected as necessity requires.

The following is the freshman enrollment by classes.

Course	Number	
	4 yrs.	5 yrs.
Agricultural.....	62	52
Engineering.....	103	92
Woman's.....	50	44

THREE POUNDS OF BUTTER FROM ONE QUART OF MILK.

Jackson Parties Claim to Have Done This "Stunt."

A short time ago Prof. Kedzie received a package of butter from Mr. Chas. J. DeLand, a former student here, and with it a letter stating that it was the product of a demonstration recently witnessed in Jackson in which a man, whose name was not given, placed a quart of milk and some broken ice in a churn along with some secret ingredient, worked the dasher for 20 seconds and then took out of the churn upwards of three pounds of



J. FRED BAKER
PROFESSOR OF FORESTRY

butter and that no milk or butter-milk was left in the churn.

Prof. Kedzie made an analysis of the "butter" and found it to contain 31.99 per cent. water, 62.55 per cent. butter fat, 4.66 per cent. casein and 1 per cent. ash., but in the preliminary analysis found nothing which would coagulate the milk.

In his reply Prof. Kedzie sums up the matter thus: Suppose the milk used weighed 3 lbs. It will be mighty good milk if it contains 4 per cent. butter fat. 4 per cent. of three pounds gives .12 lbs. of butter fat contained in the milk used. But the resulting butter contained 62 per cent. or 1.86 lbs. butter fat. The substance, other than milk and ice which was placed in the churn must then have contained butter fat equivalent to the difference, or 1.74 lbs. If this cost but nine cents, as the inventor claims, it would seem that his greatest claim to public beneficence lies in his ability to locate such an economical source of butter fat.

Y. W. C. A.

The first meeting this term of the Y. W. C. A. was lead by its president, Miss Beal.

Miss Mary Allen favored us with a solo.

Friday evening the Y. W. C. A. gave a reception for the new girls. A very pleasant time was had by all that were present.

We were glad to have Miss Landers with us over Sunday. She gave a short talk to the girls about the Y. W. C. A. "What it is and what it stands for."

'76.

R. A. Clark of the above class has been elected a member of the board of trustees of Buchtel College. Mr. Clark is in business at Pittsburg, Pa.

'97

E. P. Sanderson of the above class has been made director of the experiment station at New Hampshire college. He has been Prof. of zoology and entomology in that institution for four years.

ALUMNI.

'95.

W. C. Bagley is the author of a new book on Classroom Management, which is receiving considerable attention in the educational world. An eminent critic speaks of it as follows: "Since children in schools must often be dealt with in masses rather than as individuals, the problems of school management will always be among the most important of which the teacher has to meet. Books on this subject are so numerous that a new one needs some unusual merit of manner or method to justify itself. Such justification exists in the case of 'Classroom Management,' by William Chandler Bagley. Its method is inductive. It states the precepts that will aid the teacher in mastering technique and interprets those precepts in the light of accepted psychological principles. Successful schoolroom practice must be the starting point from which valid principles of teaching and management are derived; and the author's data have been obtained chiefly from observation of such practice. He lays strong emphasis upon the importance of habit formation as a basic law of education. The book states both sides of the mooted questions. One is somewhat surprised to find the author a believer in the value of corporal punishment. While the book is written primarily for students of education in schools and colleges, it will be helpful to all teachers and will appeal to the most thoughtful and ambitious."

'03

F. J. Phillips of the above class has been appointed Prof. of Forestry in the University of Nebraska.

'04

Miss Norma Searing is teaching at Stevens Point, Wisconsin.

'05

Edna Rupert is in China with her parents. Her father is a traveling salesman in that country and the family expect to be there for several years.

R. C. Fowler, '05, is about to start in the engineering business at Detroit.

E. A. Wilcox is with the Virginia Bridge and Iron Co. at Roanoke, W. Va. He writes he is enjoying Dixie very much. His address is 224 10th Ave.

W. F. Jordan is drafting for the Joplin Bridge Works of Joplin, Mo. His address is 2025 Pearl St.

E. B. McKenna, sp. ('03-'06), is coaching the football team at Murfreesboro, Tenn.

'06.

H. B. Mastenbrook, '06, was about the campus last week.

'07.

W. E. Piper, '07, is teaching mechanics and civil engineering at Cornell University.

THE M. A. C. RECORD.

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

W. J. WRIGHT, MANAGING EDITOR

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TUESDAY, OCT. 1, 1907.

FIRST in the field of agricultural education was the Michigan Agricultural College and through the fifty years of its existence it has continued to hold first rank among similar institutions. Although the departments of Engineering, Domestic Science and Forestry have since been added the plan is essentially the same as that mapped out at its foundation, viz., the fostering of industrial education. M. A. C. is the college of the people; the farmer, the mechanic, the housewife; the industrial class, which forms the backbone of every nation. Today it stands high in the esteem of the people of the state and if for any reason it were necessary to eliminate any of the colleges in the commonwealth it is certain that the Agricultural College would not be one which the people would select for the sacrifice. It occupies a unique position; it enjoys a special atmosphere; it has distinctive associations. It stands for the uplifting of the agricultural class and the dignifying of labor, and looks forward to the time when the segregation of wealth in great cities shall be impossible, and when conditions shall have changed so that the recruiting of the best blood of the country into the cities shall not be necessary to keep in motion the wheels of industrial progress.

THE KING'S DAUGHTERS.

Mesdames J. L. Snyder, J. J. Meyers and C. C. Wood gave a charming dinner party at the home of the former, last Friday evening, in honor of Mrs. Izor, of Durand, State Secretary of the King's Daughters. Covers were laid for 20 with the name written upon place cards which were autumn leaves. After the dinner a social hour was spent after which the party was joined by the King's Daughters circles of Lansing. Mrs. Izor then gave a parlor lecture stating the purposes of the order and what has been accomplished. The society purposes to do some helpful work each year and this year is supporting a student in an India college and assists in maintaining a widow and her large family in the city besides the Christian and social work which it carries on here.

NEW Y. M. C. A. SECRETARY.

The Y. M. C. A. has been fortunate in securing Mr. A. R. Moon, of Detroit, a former Alma student, to take the place of Mr. Webber as Student Secretary of the M. A. C. Association. Mr. Webber, who served as secretary for the past year and a half, resigned at the close of the spring term to accept the position of assistant Religious Director and Student Secretary of the Detroit Y. M. C. A. Mr. Moon is well fitted indeed to carry on the work of the association, having spent five years as a student at Alma, taking an active interest in the social, athletic and religious life of that institution. He is a very good athlete having played tackle on the Alma football team for the past three years; and when wrestling was in vogue, was one of the best wrestlers in the intercollegiate. He has been an active leader in the association work of his school having attended various conferences and conventions throughout the country which has given him special training in association work. He has been closely associated with young men in city and business life, and this coupled with his college training makes him well able to carry on the Y. M. C. A. work at M. A. C., and to make it of larger and better usefulness to the student.

A LETTER FROM THE CANAL ZONE.

ANCON, Canal Zone, S, 19, '07. PROF. A. R. SAWYER:

Dear Friend.—I have just now received your letter and am much gratified to find that you are taking an interest in my affairs.

I have a fairly good position as inspector in the division of public works of the department of construction and engineering. Our offices are in Ancon, the American part of the city of Panama, and I have the territory from La Boca to Paraiso to cover. O. A. Kratz, '07, is also here on the same job and covers Culebra and Empire.

We have plenty of leisure time, and, as our work carries us mostly where active operation on the canal is being done, we have a better opportunity to see what is going on than most of the young fellows down here. We have determined (provisionally) that we will stay until the canal is built.

Sincerely yours, BURT C. STEWART,

Ancon, C. Z., Isthmus of Panama.

DEBATING CLUB.

The first meeting of the debating club will occur Thursday night. The club is anxious that this first meeting shall be well attended and full of enthusiasm. The old students are urged to be present and continue the work of last year. To the new students an especial invitation is extended. We would urge all to start right by attending this first meeting and learning the nature of the club. It is hoped that the girls, too, will have greater interest in the club this year than last and their presence is desired. With the success of last year back of us and with the cooperation of both old and new students, the outcome of the present year's work will be assured. All out for the first meeting. College hall, 7 p. m.

COLLEGE SONG.

Close beside the winding Cedar's
Sloping banks of green
Spreads thy campus, Alma Mater,
Fairest ever seen.

Chorus—
Swell the chorus! Let it echo
Over hill and vale;
Hail to thee, our loving mother,
M. A. C., all hail.

First of all thy race, fond mother,
Thus we greet thee now,
While with loving hands the laurel
Twine we o'er thy brow.

Backward through the hazy distance
Troop the days of yore,
Scenes and faces float before us,
Cherished more and more.

College Hall and Wells and Williams,
Abbot and the rest,
Halecyon days were those spent with you,
Days of all the best.

Fold us fondly to your bosom,
Alma Mater, dear,
Sing we now thy endless praises,
Sounding cheer on cheer.

RESOLUTIONS.

Whereas, The all-wise Father has seen fit to call Prof. W. S. Holdsworth from the midst of his family and friends;

Whereas, The deceased was the beloved father of one of our members, and a loyal friend of our society; one whose many acts of kindness are dearly cherished by us; whose life has been an example of courageous and steadfast purpose;

Be it Resolved, That the heartfelt sympathy of the members of the Union Literary Society be extended to his family and friends in their affliction; that a copy of these resolutions be placed upon the society records, and a copy be printed in the M. A. C. RECORD.

C. C. TAYLOR,
J. W. KNECHT,
M. M. BABCOCK.

The first killing frost of the season occurred September 26.

Up to Monday night 909 students had registered at the secretary's office.

Prof. C. D. Smith is on a week's trip in Chicago and the Upper Peninsula in the interest of the station.

Mrs. Kenaston, wife of Prof. Carlos A. Kenaston, instructor at M. A. C. from '62-'65, called on old friends here last week.

Otto Rahn, Ph. D. arrived here last Wednesday from Germany, and will take up work as assistant in the bacteriological department. Doctor Rahn took his degree in Gottingen and was for four years assistant to Prof. Fleischmann. He has also had a year's experience in the Agricultural experiment station in Halle under Prof. Schneideiwind. His work here will be along experimental lines. Dr. Rahn has already published the following:

1. Concerning the Influence of Antiseptics upon Lactic and Putrefactive Bacteria;
2. Fat Destruction through the Agency of Bacteria;
3. The Ripening "Harz Kases";
4. The Influence of Decomposition Products upon the Growth of Bacteria;
5. The Bacterial Properties of Dry and Moist Earth.

William Ball, of the class of '00, called at M. A. C. last week. Mr. Ball is now living at Grand Rapids.

C. E. Johnson '05 with the American Concrete Steel Co., of Detroit, was a college visitor, Friday.

The New Mexico Agricultural College has instituted a new four months short course which will be given from October 28 to March 1.

In the list of New members of our teaching force last week we mentioned F. Liverance as instructor in Dairying. It should have been W. B. Liverance.

Recent accidents resulting from collapsing concrete structures under course of erection serve to show how treacherous this material is in the hands of inexperienced and unscrupulous contractors.

P. H. Shuttleworth, '07 paid the campus a short visit last week. He has been with the Oliver Plow Co. during the summer and is now about to go west where he will investigate the Citrus fruit conditions in and about San Diego, Cal.

According to the government report for September the grain production of the U. S. will this year fall short of last year's extraordinary yield by something like 765,000,000 bushels. The wheat crop will be short 110,000,000; corn, 409,000,000; oats, 222,000,000; rye, 2,000,000, and barley, 22,000,000.

Those men and maidens who have been attracted to Olivet by the possibility of a nuptial culmination, for which that college has become more or less famous, seem doomed to disappointment this year. Pres. Lancaster has placed the ban on the practice of "pairing off" to such an extent that when a couple insist on going together until a college engagement is probable they will be asked to leave the institution. "I believe nine out of ten college engagements are ill-advised and result in unhappiness" said the president in one of his discourses.

At a meeting of the East Lansing council, Sept. 26, the following appropriation bill was passed:

"The City of East Lansing ordains: That it is necessary to raise by taxation within the corporation in order to defray the expenditures and liabilities of the corporation for the fiscal year ending on the first Monday of March, 1909, the following sums and amounts: For the payment of deficit of the fiscal year ending on the first Monday of March, 1908.....\$750 00 For the contingent fund..... 800 00 For the general street fund..... 400 00 For the general sewer fund..... 200 00

Other routine business was transacted and J. H. Cowley appointed as good roads commissioner.

The Massachusetts Agricultural College, under the leadership of President Kenyon L. Butterfield, (M. A. C. '91) celebrates its fortieth anniversary October 2, 3, 4 and 5, by a conference on Rural Progress with the co-operation of the state board of agriculture, the state Grange, the Massachusetts Civic League, state executive committee of the Y. M. C. A., the Connecticut Valley Cong. Club and the Western Massachusetts Library Association. Among the speakers we notice the following: Dr. A. C. True, of the U. S. Dept. of Agriculture; F. Wm. Rane, State Forester, Boston; Prof. John Craig, Cornell University; O. J. Kern, of Rural Agricultural School fame, and Prof. C. E. Beach, of Vermont.

A FEW THINGS FROM
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ABOUT THE CAMPUS.

Why that happy smile Dr. Fletcher? A son, born September 19.

Lost—A New York draft made to J. Fred Smith, finder please leave at postoffice. Lorena Smith.

Learn the college song printed in another column. You may be called upon to sing it sometime.

Dr. Fletcher spent a part of the summer investigating the strawberry question on the Pacific coast from Washington to Southern California.

At the meeting of the State Board last Friday night all bids for the new agricultural building were rejected. The plans will be changed and readvertised.

We are sorry to learn of the recent painful accident sustained by Hon. C. W. Garfield, '70, caused by a fall from his wheel. He is speedily recovering, however.

Announcements have been received of the marriage of George Fletcher Richmond '98 and Miss Celia A. Harrison '01, which occurred Sept. 24th at Milford, Mich. At home at Manila, Philippine Islands after December 1.

Football tickets this year have been put down to the absurdly low price of 75 cents for the season. Ladies 50 cents. As the association is in good shape financially the price has been put down within the reach of all so that every one can come out and cheer the team on to victory.

H. L. Ginter of Grand Ledge is acting as club bookkeeper in the secretary's office.

Have your mail addressed to East Lansing, Mich. The name of the postoffice has recently been changed.

The farm department has equipped the farm buildings with lightning rods. A bulletin will soon be issued on the subject.

This week closes the schedule for the M. A. C. educational exhibit of stock at the various fairs. Last week a special exhibit was sent to the Benton Harbor fair.

E. J. Kraus '07 is now acting as expert entomologist in the entomological department at Wash. D. C. His address is 1010 North St., N. W. Washington, D. C.

Two football games are scheduled for this week on the home field. Detroit College Thursday at 4 p. m., and Flint "dummies" Saturday at 3:30. Both Detroit and Flint have been practicing for several weeks, and will put up good, lively games. Don't forget the dates.

The enterprising photographer of Ann Arbor, who took a fine view of the Roosevelt meeting, has expressed copies to a number of alumni with a printed statement on back to the effect that the photo was sent at the request of President Snyder. This statement is false. No such a request has gone out from the president's office, nor as far as it can be ascertained by any one at the College.

The foundation has been laid for a new insectory just back of the agricultural building.

Prof. Curtis has resigned his position in the physics department to accept a position in the Bureau of Standards at Washington, D. C.

W. S. Sayer of the bacteriological department was quite seriously burned by an explosion of gas in the laboratory during vacation.

"Eat 'em up" will not be in etiquette on Chicago's football team this season, Coach Stagg having put his men on a vegetarian diet.

Mr. Wilcox, brother of Mrs. E. E. Bogue, has been engaged as assistant in the mechanical department. Mr. Wilcox is a graduate of the University of Ohio.

Dr. Fletcher gave a paper before the Grand River Valley Horticultural Society Sept. 21, at Grand Rapids. The meeting was held at the home of Robt. Graham, president of the society.

Are you interested in the football team? If you are get out and watch the practice and let the team know that you are interested. Incidentally you may learn a few points about the game.

Miss Alice Jeffery, who was injured in an accident last January, when a Michigan Central locomotive collided with a college car, was recently awarded damages for her injuries to the amount of \$6,500. She enters M. A. C. this year.

O. W. Burke '05, was a college visitor Sunday. Mr. Burke is working in Detroit.

Hillsdale College has been called upon to mourn the loss of Prof. Kingsley Bachelder, professor of languages in that institution since 1883.

Miss Eva Felton spent a week during vacation at the home of Geo. A. Burley '07 at Harbor Beach, Mich. Mr. Burley is government inspector of the harbor there.

We are in receipt of advance sheets of the field operations of the Bureau of Soils and a soil survey map of Cass county, Mich., by W. J. Geib, '03. The work was done last year.

Roy Potts '06, of the Oklahoma Agricultural college, was called to his home at Washington, Macomb County, by the recent death of his father. He called on friends here on his return.

Mr. Moses Craig, who has been in the employ of the experiment station here for several years, has accepted a position as curator of the herbarium at the Mo. botanic garden at St. Louis.

C. P. Halligan, Instructor in Hort. and Miss Lillian I. Proulx were married at the home of the bride's parents at Hatfield, Mass., Sept. 4. They will occupy the house recently occupied by Mrs. Geo. Kedzie. Mrs. Halligan is a graduate of Smith College, '05. The RECORD extends congratulations.

ATHLETICS.

74.

The opening week of the football season brought out the largest number of football candidates that have ever reported to coach Brewer on the college gridiron. Over eighty men have been supplied with togs and all are working like Trojans for a position on the team. Considerable interest has been shown by the students the past week by their presence on the field during practice hours. In years past the students have not shown enough interest in this respect, but they have made a good beginning this year, and it is hoped it will be continued throughout the season.

Rivalry is intense and the fight for positions is keen. Capt. Small, Courtright, Shuttleworth and McGraw will care for the quarterback position. McKenna, Ernie Vaughn and Exelby have been doing some sensational work at half while Frazer, Malisky and Cogsdill are making a close fight for fullback. Dunlap, Shedd, Allen, Oliver and about thirty others are trying for end. For tackles, Octy Moore, Wheeler, Haller and Martin are the most likely candidates, and for guard, Tiny Parker, Campbell and a half dozen others are making things interesting. McWilliams, a 200 pounder from Adrian, is doing good work at center.

The first game of the season will be played next Thursday afternoon with Detroit College, and every student is urged to be present with a good supply of lung power. Cheer the team and show them you are with them.

The second game will be played with the Flint deaf mutes Saturday afternoon.

This year the association is holding out a special inducement for everyone to attend the games, and has put the price of admission down to the very low price of 75 cents for the season. Ladies 50 cents.

The association is in very good circumstances financially and thus is able to hold out this special inducement. These prices will also entitle the holder to a seat in the grand stand or bleacher, and it is expected the entire seating capacity will be occupied. Tickets are now on sale in the secretary's office. The material this year is the best ever assembled on the field and the team cannot help but make good if given the proper support.

YELLS.

Rah! rah! rah!—Uz, uz, uz,
M. A. C.—Tiger.

Rat-a-ta—thrat! ta-thrat! ta-thrat!
Terrors to lick! to lick! to lick!
Kick-a-ba ba! kick-a ba ba!
M. A. C., M. A. C., Rah! rah! rah!

Oskey wow-wow—Skinny wow-wow,
Shinny wow-wow—Wow-wow-wow.

Whoa!—Haw—Gee!
Who—are—we!

We are, we are, we are the!
Michigan Farmers, M. A. C.

Ripity rip, ripity row,
They're up against the real thing now,
—wants to win renown,
She better go way—back and—sit down.

'00.

E. W. Ranney '00, visited the College last week while on his way to Delaware on a business trip.

The *Electric Railway Review* (Chicago) under date of Aug. 17, 1907, contains the following item: "Work is being pushed as rapidly as possible to have the line of the Milwaukee Northern railway from Milwaukee to Port Washington ready for operation early in September. From a point a little over two miles north of Milwaukee to the town of Grafton, a short distance from Port Washington, tracks are laid. All grading between these points has been practically completed. The force of men engaged in this work will shortly be put on the work between Port Washington and Sheboygan, where another force has been clearing the right of way." The Milwaukee Northern Railway is the latest construction undertaken by the Comstock-Haigh-Walker Company, of Detroit, of which Henry A. Haigh, of the class of 1874, is one of the leading spirits. Thirty miles of the line, together with the power plant, are completed and about to be opened for traffic. The line when finished will be 121 miles long; it will connect five county seats with the metropolis of Wisconsin and serve, all told, over a half million people. Much interest attaches to this property from the fact that it is to be operated by gas engines, the only instance of the kind in America, though on the continent of Europe gas engines are now the approved means of producing power for such purposes. It is claimed that the economics of gas engines over steam for very heavy work are fully forty per cent.



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