

The M. A. C. Record.

VOLUME 2.

LANSING, MICHIGAN, TUESDAY, MAY 25, 1897.

NUMBER 20.

Rates at Alumni Reunion and Commencement.

HOTEL RATES.

The following hotel rates in Lansing have been secured:

The New Grand, \$1 per day.

Ingham, \$1 per day.

Hudson, \$1.50 per day, two in a room.

These hotels all have good accommodations.

STREET CAR SERVICE.

Street cars leave for the College, at the corner of Washington and Michigan avenues, every twenty minutes. The regular fare is ten cents each way. If the alumni will call at the book store of Archie M. Emery, '83, just a short distance north of the corner, they can procure tickets at ten cents for the round trip.

RAILROAD RATES.

Anyone planning to attend the Alumni Reunion, the Anniversary Celebration, or any of the Commencement Exercises, can secure a rate of one and one-third fare for the round trip, under the following conditions:

1. Any person desiring the rate must purchase a first class ticket to Lansing, for which he will pay the regular fare (not less than 75 cents), and, upon request, the ticket agent will issue a printed certificate to purchaser.

2. If through tickets cannot be procured at the station, parties will purchase to the first point where such through tickets can be obtained, and there purchase through to place of meeting, requesting a certificate from the ticket agent at the point where each purchase is made.

3. Tickets for the return journey will be sold by the ticket agent at Lansing at one-third fare only to those holding certificates signed by the ticket agent at point where through ticket to place of meeting was purchased, countersigned by the secretary of the Alumni Association, and signed and stamped by the special agent of the railways, who will be at the College during the meetings.

4. Tickets, coming to Lansing, may be purchased at any time from Saturday, June 12, to Friday, June 18, inclusive, and are good for return journey to and including Tuesday, June 22.

5. The certificates are not transferable.

NO REFUND OF FARE CAN BE EXPECTED BECAUSE OF FAILURE OF THE PARTIES TO OBTAIN CERTIFICATES.

Be sure to get a certificate wherever a ticket is purchased.

These railroad rates are good on all Michigan roads.

Commencement Week.

Commencement week is still three weeks distant, but, as many who are planning to be with us at that time are hundreds of miles away, we give an outline of what will occur at M. A. C. during the week.

Sunday, June 13, the Rev. Bastian Smits of Charlotte will give the baccalaureate sermon.

On Tuesday evening, June 15, at 8 o'clock, will occur the annual joint celebration of College societies and fraternities, at which time representatives from the various societies contest in oratory and debate for medals offered by the College.

Wednesday, June 16, class day exer-

cises at 10 o'clock a. m. Review of battalion at 3 o'clock p. m. Society reunions at 8 o'clock p. m.

Thursday, June 17, Alumni Day. At 7:30 o'clock p. m., President and Mrs. Snyder will give a reception.

Friday, June 18, commencement exercises at 10 o'clock a. m., including an address by E. H. Sedgwick, '97, representing the mechanical department; an address by J. W. Rigterink, '97, representing the agricultural course; and an address by Prof. Liberty H. Bailey, '82, of Cornell University, who has been secured as orator of the day.

Alumni Day.

Thursday, June 17, will be Alumni Day. Program:

8 a. m.—First business meeting.

10 a. m.—Literary meeting, which will include the President's address, by Judge M. D. Chatterton, with '61; oration, by C. B. Collingwood, '85; poem, by J. E. Hammond, '86; history, by Warren Babcock, '90.

12 m.—Alumni banquet, with toasts.

3 p. m.—Celebration of the fortieth anniversary of the establishment of the Michigan Agricultural College.

5 p. m.—Second business meeting.

All alumni are cordially invited to attend the reception which will be given by President and Mrs. Snyder at 7:30 p. m. on this day.

Fourteenth Annual Literary Meeting.

At the fourteenth annual literary meeting of the College societies and fraternities held in the armory last Friday evening an interesting program was presented.

E. Dwight Sanderson, '97, presided, and in his introductory talk reviewed briefly the successful and harmonious work of the societies for the past year. The Hesperian orchestra opened the program with an excellent selection of music.

"Development of railroads in Michigan" was the subject of a paper by E. R. Russell, '99, of the Olympic society. Mr. Russell not only gave a good idea of the development of the five principal roads in Michigan, but also indicated the influence of railroads upon the progress of our country.

T. J. Hankinson, '98, of the Columbian society, presented a story that possessed the novelty of being complete without the presence of a heroine. His story dwelt with the adventures and rescue of a young aeronaut, and was no doubt intended to be a solemn warning to young readers of light literature.

A sermon, which pointed out the value of an active Christian life, was presented in an easy and impressive manner by R. J. Robb, '98sp, of the Union Literary society.

Miss Myrtle Peck, '98, of the Feronian society, rendered a pleasing piano solo.

George Wells, '00m, of the Eclectic society, gave a humorous reading, "The Shakers," by Artemus Ward.

The next number was a symposium—"Resolved, That the government is justified in undertaking the running of any industry which it can handle better than private individuals." M. H. Hammond '00m, of the Hesperian society, spoke for the affirmative and C. F. Herrmann, '97, of the Phi Delta Theta fraternity, for the negative.

The Olympic quartet, composed of Messrs. Simmons, Patriarch, L. B. Clark, and C. A. Warren, sang "Robin Adair," and also responded to an encore.

The College Paper, full of witty medieval and modern roasts, was presented by the editor, Miss Tressie Bristol of the Feronian society.

After a closing selection of music by the Hesperian orchestra, many of those present remained for an hour of dancing.

Puffballs and Their Spore Distribution.

B. O. LONGYEAR.

Passing among some bushes bordering on a woods one dry autumn day, my feet were suddenly enveloped in a dense cloud of brownish smoke. The source of this smudge was easily determined; I had stepped on a puffball. A little search revealed a number of these amusing fungi seated in the dry grass; fairy chimneys indeed! And how the average small boy would have tested their ability to smoke by treading on them or thrashing them with a stick. These specimens, however, were carefully collected and, later, identified as the elongated puff-ball (*Lycoperdon elongatum*).

"But why do they puff, and what is this smoky substance which is so readily discharged?" are questions which some may ask. A careful study of one of these specimens, together with a little of its life history, will help to answer the questions.

The young puffball, which appears so suddenly after a summer rain, is as white as flour inside and of about the same consistency of a homemade cheese. It is at this period of their existence that the fungus epicure delights in finding them, for in this condition puffballs are edible. The outside is usually composed of two layers, the outer one in some species being variously ornamented with little points and warts. As the plant matures the inside turns yellowish and at the same time becomes saturated with moisture derived from the liquifying of a certain part of the interior. This moisture evaporates, the color becomes darker, and the outer layer flakes off or with the inner layer forms a papery bag with a small opening at the top.

The inside has now become a cottony substance—called the capillitium—mingled with an impalpable dust, which constitutes the smoke. They are now ready to be stepped on. Even a slight pressure sends out a miniature cloud, which floats away and vanishes in air, while the cottony stuffing causes the plant to re-expand, ready for a repetition of the process.

But let us examine a very little of this so-called smoke. A high power of the compound microscope shows it to be composed of minute spherical bodies, covered with little points. The microscopic spheres are spores and constitute the propagative bodies of the fungus, and may be considered as fungus seeds. So very minute are they that a cubic millimeter, a mass less than the head of a parlor match in size, of these spores was estimated to contain about eight millions of them. Their very low specific gravity enables them to float in air perhaps for days, while they are being wafted long dis-

tances by the winds, until brought down by rain.

If the spore is in a favorable location it grows by sending out a slender tube, which penetrates the soil and by repeated branching, forms a cobweb-like substance, the mycelium, which may send up at length a number of new plants. Some special adaptations for spore dispersion may be found among puffballs and their near relatives.

Some of the smaller kind are densely clustered. An area of nearly one hundred square feet in a swampy woods was found one day where there were hundreds of the little gemmed puffballs (*Lycoperdon gemmatum*) standing so closely that a rabbit could hardly get over without liberating millions of spores.

The engraved puffball (*L. cælatum*), which grows in fields and often measures six inches in diameter, has a root-like base which holds the lower part of the plant to the ground while the coverings break away, exposing the contents to the action of winds and drifting snow.

Their tattered remains may sometimes be found in the spring, still anchored where they grew. Some other kinds are so loosely connected to the earth that they break away, when mature, and go bouncing along before the autumn winds, firing a salute of spore smoke at each obstacle met.

But the handsomest members of the puffball family are the Geasters or Star puffballs. They are all rather small and are nearly spherical when young. As they mature the thick outer coatings split regularly at the top and turn back, forming a star, and in so doing the inner part is raised from its half buried position in the earth, thereby bringing it into a favorable position for the distribution of the spores through the little opening at the top of the sack.

The giant puffball, the largest of its family, is a vertible fungus football, furnishing when young an excellent fungus food and when mature inviting attack from the finder, for who could resist the impulse to kick a puffball larger than one's head? The vast number of spores that one of these huge puffballs can furnish almost defies computation. The coatings, which are like white kid leather when young, soon become brittle and flake off, exposing the capillitium and spores to the winds.

Other very interesting members of the puffball family might be described did space permit. As a whole, they seem to be constructed to take advantage of those peculiar tendencies of the human race which take delight in pounding or treading on anything that will furnish a smudge; but instead of being destroyed, their ends are only furthered when buffeted by the winds or spurned by the foot of man.

Special Notice.

Students having entrance conditions to make up are reminded that examinations in Geography and Spelling will be held Saturday, May 29, at 9 a. m., in the Zoological lecture-room, Library Building. This is the last opportunity for making up such conditions without payment of the regular special examination fee.

WALTER B. BARROWS,
Chairman, Committee on Entrance Examinations.

The M. A. C. Record.

PUBLISHED WEEKLY BY THE
MICHIGAN AGRICULTURAL COLLEGE

EDITED BY THE FACULTY,

ASSISTED BY THE STUDENTS.

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For various reasons THE M. A. C. RECORD is occasionally sent to those who have not subscribed for the paper. Such persons need have no hesitation about taking the paper from the postoffice, for no charge will be made for it. The only way, however, to secure the RECORD regularly is to subscribe.

Official Directory.

PREACHING SERVICE—Sunday afternoons at 2:30 in the Chapel.

Y. M. C. A.—Regular meetings Sunday evenings at 7:30 and Thursday evenings at 6:30. C. W. Loomis, President. E. M. Hunt, Cor. Sec. retary.

Y. W. C. A.—Weekly meetings for all ladies on the campus, Tuesday evenings at 8:00, in Abbot Hall. Sunday meetings with the Y. M. C. A. Miss Clara J. Stocum, President. Miss Ella Phelps, Cor. Secretary.

KING'S DAUGHTERS—Meet alternate Wednesdays. Mrs. J. L. Snyder, President. Mrs. W. Babcock, Secretary.

NATURAL HISTORY SOCIETY—Meets second Friday of each month in the Chapel at 7:00 p. m. H. C. Skeels, President. W. R. Kedzie, Secretary.

BOTANICAL CLUB—Meets Monday evenings at 6:30 in the Botanical Laboratory. Thos. Gunson, President. W. R. Kedzie, Secretary.

SHAKESPEARE CLUB—Meets Wednesday evenings at 7:30. Dr. Howard Edwards, President.

COLUMBIAN LITERARY SOCIETY—Meets every Saturday evening at 7:30, Middle Ward, Wells Hall. S. H. Fulton, President. H. Caramanian, Secretary.

ECLECTIC SOCIETY—Meets every Saturday evening at 7:30, Fourth Floor, Williams Hall. C. D. Butterfield, President. W. A. Bartholomew, Secretary.

FERONIAN SOCIETY—Meets every Friday afternoon at 1:00, West Ward, Wells Hall. Amy Vaughn, President. Katherine McCurdy, Secretary.

HESPERIAN SOCIETY—Meets every Saturday evening at 7:30, West Ward, Wells Hall. C. B. Laitner, President. L. E. Sage, Secretary.

OLYMPIC SOCIETY—Meets every Saturday evening at 7:30, Fourth Floor, Williams Hall. Elwood Shaw, President. W. K. Brainerd, Secretary.

PHI DELTA THETA FRATERNITY—Meets every Friday evening at 7:30, East Ward, Wells Hall. R. W. Clark, President. A. B. Krentel, Secretary.

UNION LITERARY SOCIETY—Meets every Saturday evening at 7:30, U. L. S. Hall. L. S. Munson, President. G. N. Gould, Secretary.

TAU BETA PI FRATERNITY—Meets on alternate Thursday evenings, Tower Room, Mechanical Laboratory. G. A. Parker, President. E. H. Sedgwick, Secretary.

CLUB BOARDING ASSOCIATION—I. L. Simmons, President. H. A. Dibble, Secretary.

M. A. C. ATHLETIC ASSOCIATION—C. B. Laitner, President. G. B. Wells, Secretary.

Inertia Effect of the Reciprocating Parts of High Speed Engines.

ARTHUR L. WESTCOTT.

In designing the reciprocating parts of high-speed engines, it is the practice of most engine builders to take account of the force necessary to accelerate those parts, and of the effect of this force in modifying the diagram of effective forward pressure. Most engineers consider that weight of parts to be best, which gives the most uniform pressure upon the crank-pin. In a recent communication to the "American Machinist," however, a writer for that paper says:

"In point of fact, the adjustment should be such that the reciprocating parts will absorb all the steam pressure at the beginning of the stroke. This adjustment would lead to the crank-pin feeling no pressure at the beginning of the stroke; but, starting from nothing, it would feel a gradually increasing pressure during the stroke to the end, where the pressure would

abruptly stop and be succeeded by a similar pressure in the opposite direction, beginning as before at nothing. Pounding cannot be produced by stopping the pressure, however heavy it may be. The pounding is produced by reversing the slack, and if this is done by a heavy pressure abruptly applied

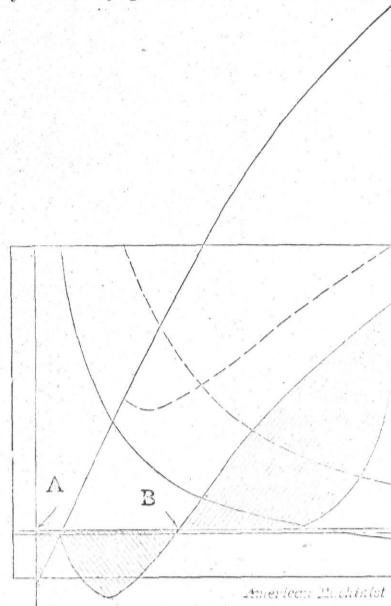


Fig. 1

as in the usual plan, it will be taken up suddenly, which is exactly the way to produce heavy pounding."

The communication from which the above extract is quoted provoked considerable discussion, the weight of opinion being against the views there expressed. The diagrams, Figs. 1 and 2, show steam expansion and compression curves combined with diagrams of acceleration forces, forward and return stroke. The point of cut-off was chosen at one-sixteenth of the stroke, and the clearance was made 7 per cent.

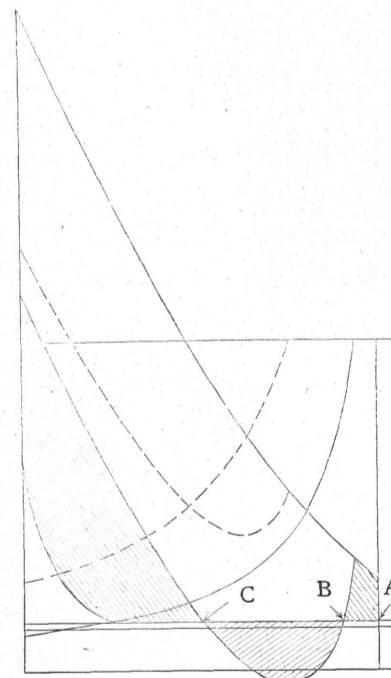


Fig. 2

The initial pressure is 100 lbs. gauge, and back pressure 2 lbs. The ratio of crank to connecting rod is one-sixth. The average value of acceleration force at the beginning of the stroke is equal to the initial steam pressure, or 100 lbs. per square inch. Therefore at the beginning of the forward stroke, with the ratio of crank to connecting rod chosen, the acceleration force is 7.6 x 100 equals 116 lbs. per square inch, while at the beginning of the return stroke it is 5.6 x 100 equals 83 lbs. per square inch.

An inspection of the diagram for the forward stroke shows that at the beginning of the stroke the pressure on the crank-pin is opposite to the direction of the stroke, and the reciprocating parts are being dragged forward. This condition continues up to the point B. The diagram for return stroke shows a positive forward pres-

sure between points A and B, but at B there is an abrupt reversal of pressure, and the pressure is again reversed at C.

Assuming dimensions of cylinder equal to 14 x 16 inches, and 250 revolutions per minute, the weight of reciprocating parts necessary to give this accelerating force is 1,083 lbs. This excessive weight, together with the reversals of pressure in midstroke when cutting off at an early point, constitute two serious objections.

Figs. 3 and 4 show the same dia-

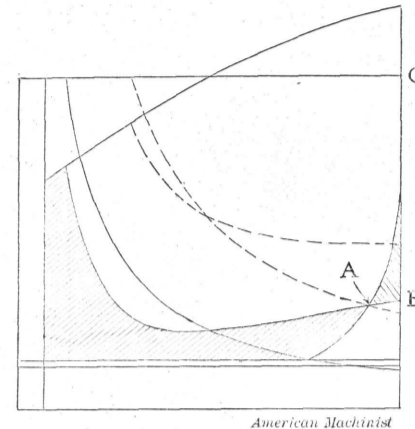


Fig. 3

grams as Figs. 1 and 2, but with a mean accelerating force at the beginning of the stroke of 30 lbs. instead of 100 lbs., giving a total weight of parts of 325 lbs. An inspection of these diagrams shows that the forward pressure reduces to zero at A owing to compression, and that during the remainder of the stroke there is an increasing pressure in the opposite direction, which equals BC at the end of the stroke if the valve has lead. The reversal of pressure takes place, not at the end of the stroke, but just previous to it, at A, and the pressure in the opposite direction is not applied instantaneously, but gradually, the distance AB corresponding to a movement of the crank of 38 degrees for the forward and 27 degrees for the return stroke.

The broken lines show the distribution of pressures corresponding to a

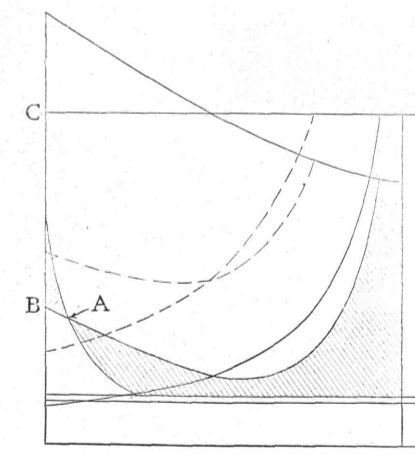


Fig. 4

cut-off of one-fourth stroke. For this cut-off the heavier weight shows better advantage than for the early cut-off, while for the lighter weight the reversal of pressure takes place nearer the end of the stroke.

Mechanical Department.

At the College.

H. L. Mills, '98, is ill with measles. The campus is truly a place of beauty now.

While having measles last week, J. D. McLouth, '97, was attended by his mother.

Mrs. C. F. Wheeler in entertaining her sister, Mrs. Robinson of Carson City, for a week.

We are to have a place for bicycles in front of the library building. Cement floors have been put in on each

side of the front steps and racks are now being made to hold the wheels.

The Thursday evening Y. M. C. A. meeting will be led by Mr. F. E. West. Topic, "Christian Enterprise."

Several samples of ornamental shrubbery have been received lately, badly affected by San José scale.

Mr. and Mrs. H. G. Mason and Mr. and Mrs. W. L. Miller of Swartz Creek, Mich., visited the College Thursday, May 20.

Dr. Kedzie will speak in the Chapel on Friday evening of this week at 7:30 o'clock. His subject will be "The Truth in Nature."

The union service Sunday evening, held in the Y. M. C. A. rooms, will be presided over by Miss Wheeler. Her topic will be "Mercy."

The M. A. C. Cycling club has been repairing the bicycle path to Lansing. Members of the club have recently taken several pleasant short rides.

At the Tau Beta Pi meeting Thursday evening C. A. Gower, '98m, was initiated. Mr. Gower is the second member of the junior class to be made a member of this honorary fraternity.

The old bed of cinders has been removed from the west end of the armory. In its place there is now a cement walk running from the front door to the southwest corner of the armory, with a carriage block at the south end of the walk.

Last Wednesday evening Prof. and Mrs. Woodworth entertained Prof. and Mrs. Holdsworth, Profs. Wheeler and Hedrick, who will spend the summer in Europe, with stereopticon views of European points of interest. President and Mrs. Snyder were also present and gave valuable suggestions to the tourists.

Instructor C. C. Pashby left for Buffalo, N. Y., Friday afternoon to attend the annual convention of the Tau Beta Pi association as delegate from the Michigan Alpha Chapter. For two years Mr. Pashby has served on the executive council of the association as treasurer. On the way to Buffalo he attended a meeting of the Detroit Engineering society Friday evening.

Modern Epicureanism.

A well-cooked, well-served, and in every way satisfying course dinner was served to a company of ten by one section of the cooking class last Saturday. The guests were Dr. Beal, Profs. Smith, Weil, Barrows, Vedder, Woodworth, Wheeler, Hedrick, Lieut. Bandholtz and Mr. Crosby. The table was beautifully decorated and at each plate was a boutonniere of lilies of the valley. Following is the menu:

Mock Bisque Soup.	Salted Walnuts.
Olives.	Creamed Fish.
Baked Chicken—Brown Sauce.	New Potatoes. Creamed Cauliflower.
Lemon Ice.	Tomato Salad.
Mayonnaise.	Cheese Straws.
Strawberry Ice Cream.	Bread Sticks.
Sand Tarts.	Coffee.

For those who served the dinner not a word of unfavorable criticism can be given, but some of the guests felt sorely in need of a course of instruction in the manner of disposing of such an elaborate repast.

Extract from recent science examination: "The atmosphere is composed of two gases—oxygen and nitrogen. The former prevails in the daytime and the latter produces darkness."—Ex.

ATHLETICS

We still have a fighting chance for second in the baseball contest.

Catcher Adams had the misfortune to split his thumb in the Hillsdale game Saturday.

There will be two games of baseball with Ypsilanti here Saturday, and one with Olivet Monday.

Tuesday afternoon the second nine defeated the Lansing high school baseball team by a score of 14 to 8.

Olivet won at Kalamazoo Saturday by a score of 12 to 11. This is the eighth successive victory for the lucky "Reds," and practically assures them the cup.

Albion was defeated at Ypsilanti Saturday by a score of 6 to 11. Albion is certainly playing in hard luck, mainly due to the fact that Captain Howe, by far her best all-around player, has been obliged to give up athletics on account of heart disease.

Two teams of Olivet co-eds engaged in a game of baseball last Wednesday for the benefit of the Athletic association. The Sinclair-Roche girls won from the Shipherd Hall girls by a score of 17 to 14. Miss Katherine Tracy, sister of the Tracy boys who graduated from M. A. C., caught for the losing team, and Miss Cora Hoppough, sister of Carl Hoppough, '99 M. A. C., pitched for the winners and made a home run.

Two Exciting Baseball Games.

Athletics at M. A. C seem to have taken a decided turn for the better. Saturday, we had the pleasure of seeing two spirited ball games on our home campus. The seniors played the sub-faculty a nine-inning game, chiefly characterized by errors and hard hitting. The sub-faculty appeared in white duck trousers and caps, making a most dairy-like appearance.

Eastman for the seniors and Gladden for the sub-faculty each pitched a most remarkable game, Gladden striking out four men and Eastman six. Bases on balls—off Gladden two, off Eastman eight. The features of the game were the work of Simmons and Crosby behind the bat, True in center and McLouth at first; and the batting of Green, Simmons, Eastman, Elliott and Hart for the seniors and Crosby and Gladden for the sub-faculty. Final score resulted 20 to 12 in favor of the seniors. Umpire, Lieut. Bandholtz. After this game, the faculty became inspired with youthful ardor and tackled the seniors, but were beaten in two innings by a score of 7 to 10. The features on the faculty side, were the pitching of "Prexie," Prof. Weil's work at first, and the fielding of Lieut. Bandholtz in right. It is understood that the faculty have challenged the sub-faculty for a game in the near future.—E. R. R.

M. A. C. AT HILLSDALE.

M. A. C. won easily from Hillsdale Saturday, taking battery, batting and fielding honors. Gunnison played his first game at short and made two singles and one run, but did not have much chance to show his fielding ability. Clark played center field and accepted several difficult chances. A. C. Krentel and Gunn drove out three base hits each. Hillsdale got three singles and a two-base hit in the first inning, which, with one error, gave them three runs, but after that Warren had them at his mercy, and they

AN OPEN LETTER.

To Whom it May Concern:

We want to call the especial attention of all our alumni and former students who are receiving this issue of the "Record", but who have not subscribed for the paper, to the fact that they are missing half of life in not keeping up with the doings at old M. A. C.

It may be news to some that the "M. A. C. Record" is a weekly paper, published by the College faculty with the co-operation of the students, designed to record the real life of the College. It is published for 40 weeks during the school year.

This copy, which is a fair sample perhaps, will give you an idea of the value of the paper to anyone who is interested in the life at M. A. C. It is a paper that does not take the place of any other farm paper, but it has a unique position of its own to fill. The College has taken so many advanced steps recently that no friend of the College, much less anyone who has ever been a student here, can afford to be without the "Record."

We have at present a fairly good subscription list, but it is not nearly so large as it ought to be. The price is 50c. per year, which brings it, even in these hard times, within the reach of everybody.

We want to appeal not only to your sense of the value you will get from the paper, but also to your M. A. C. patriotism, which we hope is as green as ever. The only way to keep in touch with the College is to know what is going on there. We hope you can see your way clear to subscribe at once.

Send subscription by money order to Secretary, Agricultural College.

Yours fraternally,
THE "RECORD."

only secured three scattering hits. The score:
Innings— 1 2 3 4 5 6 7 8 9 R. H. E.
M. A. C. 4 0 0 4 1 2 0 0 0—11 12 4
Hillsdale .3 0 0 1 0 0 0 0 0— 4 7 10
Batteries—Warren and Adams and Krentel, Hill and French. Two-base hit—Myers, Hillsdale. Struck out—by Warren 7, by Hill 4. Bases on balls—off Warren 2, off Hill 6. Hit by pitched ball—Adams 3, Ranney. Umpire—Sampson.

STANDING OF THE CLUBS.

	Won.	Lost.	Pr. Ct.
Olivet	8	0	1.000
Kalamazoo	6	2	.750
M. A. C.	3	4	.429
Ypsilanti	2	4	.333
Albion	2	6	.250
Hillsdale	1	7	.125

True college spirit is an evidence of a broad mind. Not every one can be an orator, nor an athlete, nor a musician, but every one can and ought to have an interest in the different lines of college life. Ability to sympathize with all kinds of work and activities should be the result of a liberal education.—E. R.

GLASSES....

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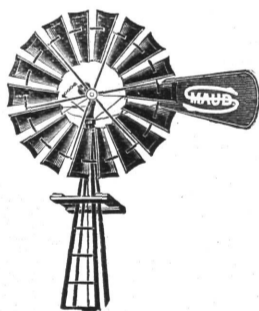
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News from Graduates and Students.

E. C. Peters, '93, will attend the alumni reunion.

C. A. Jewell, Jr., '96, will attend the Alumni reunion.

H. B. Gunnison, with '98m, visited at M. A. C. last week.

A. T. Miller, with '86, and wife will attend the triennial reunion.

Harry Haak, with '93m, is running a lumber yard in Battle Creek.

O. H. Pagelsen, '93, will enter the Rush Medical College next fall.

It is reported that E. N. Thayer, '93m, is working for the Evening News company in Detroit.

H. Z. Ward, '90, and H. E. Ward, '95, have both signified their intention to attend the triennial.

F. N. Bierce, Dayton, Ohio, and D. C. McElroy, Lapeer, Mich., both with '97m, called at M. A. C. Thursday afternoon.

Charles A. Sturges, '75, mayor of Sturges, was in Lansing last week to visit the legislature in the interest of a new charter for the city.

We notice that ten of the violators of the fish and game laws who were arrested by L. W. Watkins, '93, last week plead guilty and were fined.

There are very acute symptoms of a wedding, to take place at Colon, Mich., tomorrow, in which W. G. Smith, '93, and Miss M. Leo Brockway will be the contracting parties.

E. Carl Bank, '84, according to the *State Republican*, has been deposed as superintendent of the Preston School of Industry at Ione, California. Politics is given as the cause of his removal.

Three '93 men will graduate from the U. of M. this year—E. M. McElroy from the literary department, C. B. Chapin from the medical department, and Joseph Perrien from the mechanical department.

H. R. Parish, '95m, has been spending several days at M. A. C. He starts on May 30 for San Francisco, Cal., where he has secured a position as draftsman in the Hull department of the Union Iron Works.

James A. Welinder, with '96m, made the College a visit last week. He expects to enter school at the beginning of next year and finish with '98. Since he left M. A. C. he has spent part of his time at the Dakota Agricultural College.

Lyster H. Dewey, '88, once instructor in botany, now assistant botanist to the United States Department of Agriculture in charge of "weeds," reports a second daughter, Genevieve, who arrived April 12. Her parents will endeavor to have her take a course in domestic science at M. A. C.

R. J. Coryell, '84, was a welcome visitor at the College last Wednesday. He is temporarily in the employ of the Nelson Bogue nursery company of Batavia, N. Y., and has been at Portland several days putting in a stock of ornamental trees. Mr. and Mrs. Coryell will attend the Alumni reunion.

At the midsummer meeting of the Indiana Horticultural society, held at Pendleton June 15 and 16, Prof. James Troop, '78, presented a paper on "Small fruits recommended for the state by seventy-five correspondents," and Prof. W. C. Latta, '77, a paper on "Soil physics." Prof. Troop is secretary of the society.

H. E. Harrison, '88, Trenton, Mich., writes: "Success to the M. A. C., C. C. Will try to be with you all in June, though probably shall be very busy at that time." Mr. Harrison was one of

the chief promoters of the old M. A. C. Cycling Club, and to him is due most of the credit for the construction of our bicycle path.

William F. Pack, with '81, of Centerville, was in the city recently. He reports, as a member of the school board, that C. J. Foreman, '94, superintendent of their schools, is meeting with splendid success. They hope to keep him another year, and as an inducement will offer a handsome increase in his salary.

Students of History.

Governor Pingree gave to the press last Thursday the following offer of prizes for historical research:

Lansing, Mich., May 20, 1897.—To the student of any college in Michigan preparing an historical paper tracing the most accurate parallel in ancient or modern history with the present social and political conditions in the United States, and giving the causes of this parallel condition, I hereby offer a prize of \$25 cash.

To the second best paper, a prize of \$15 cash, and to the third best paper \$10 cash.

Papers must be prepared and mailed to the executive office at Lansing not later than Sept. 1, 1897.

Judges will be announced later.

H. S. PINGREE,
Governor.

For Gentlemen Only.

Now we'll wager two cents to a farthing
If she has the least kind of a show.
But she's bound to get at it somehow
Know
It's something she ought not to
If there's anything worries a woman
—Ex.

One of the smaller New England colleges has for a janitor a colored man, who is possessed of wit. One autumn day, just after the college year had begun, when he was overseeing the burning over of a part of the campus, a freshman coming along cried: "Well, Sam, that's 'most as black as you are!" "Yes, sah," promptly responded Sam, "and next spring it will be 'most as green as you are!"—Ex.

"Do you consider marriage a failure?" asked a summer boarder of a farmer who had taken him in.

"Young feller," he replied, impressively, "I've been married four times, an' every time to a woman who owned a farm jinin' mine."—Ex.

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