

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 11.

LANSING, MICHIGAN, TUESDAY, JUNE. 12, 1906.

No. 38

Y. M. C. A.

The Thursday evening prayer meeting was led by Mr. Musselman. After a few remarks by the leader Mr. Oviatt was called upon to speak on the topic which was, the Y. M. C. A. man at home. The meeting was well attended. A short business meeting followed.

Rev. Lake delivered the sermon in chapel Sunday morning.

The seniors had charge of the addresses at the union meeting Sunday evening. Mr. Fisk, who was president of the Y. M. C. A. last year, spoke upon what the affiliation with the Y. M. C. A. has meant to him. The needs of the Y. M. C. A. were discussed by Mr. Boomsliter, L. J. Smith talked upon the influence of the association. Mr. Bates, who was the last speaker, mentioned some of the benefits to be derived by becoming an active worker in the Y. M. C. A. The talks were all ably given and the interest good. The male quartette sang.

FORESTRY CLUB.

The Forestry club met last Tuesday evening at 6:30 in the horticultural building and listened to an interesting talk given by Instructor Reed of the chemical department. The subject under consideration was "The Destructive Distillation of Wood," in which Mr. Reed gave a brief description of the process of making methyl alcohol, and also mentioned many of the other products obtained by the distillation, among which were benzine, naphthalin and anthracene.

One of the most interesting points in the discussion was the description of an infant industry about to be started in the north. This industry, if brought into practice will serve as a great source of profit to the owners of our northern pine lands in Michigan, for it provides a way of utilizing the pine stumps, by the distillation of which are produced among other things, turpentine, yellow oil, resin, acetate of lime, charcoal gas, wood-tar, and creosote oil.

Giving a conservative estimate of each product, the total for a cord of pine stumps was considered to be worth \$77 on the market. Those owning any pine stump land in the north would do well to hold on to their lands for a while longer, and if this industry develops, as it no doubt will, somebody is going to make some good money.

ELECTRICAL ENGINEERING AT M. A. C.

Everyone who enters engineering work of any kind should know something about electricity and its industrial application. Some instruction in electrical work has been given at the college for several years but with the beginning of the school year 1907-8 considerable electrical instruction will be added.

In the Junior and senior years it will be possible to elect sufficient electrical work to enable one to



understand the principles involved and to take active part in electrical operations. It will be possible to combine this with the so called civil electives or mechanical electives.

There is just now quite a demand for young men who have a knowledge of civil and electrical engineering subjects.

HORT. CLUB.

The night being warm and the mosquitoes thick, the meeting of the Hort. club was held in the cold storage building, where Mr. Dorsey gave the club an interesting talk on "Apples in Cold Storage." The place was appropriate for the subject, and specimens of the spy circulated quite freely until Mr. Moses Craig ate so many he almost went through the box on which he was sitting. Mr. Dorsey discussed briefly the effect of scab, bruises, hauling, punctures, on the keeping qualities of the apple.

The following officers were elected for the fall term: D. H. Ellis, Pres.; F. Barden, Vice-Pres., and Jesse Boyle, Secretary.

THE SEMI-CENTENNIAL.

Preparations for the coming semi-centennial are progressing finely. The committee having this matter in charge has given it considerable attention and settled several of the perplexing problems. It is probable that they will be able within a few weeks to announce the acceptance of President Roosevelt to be present on this occasion. However, the occasion will be a great one whether

he is present or not. It is pretty well understood that on account of the large crowd expected, it will be necessary to hold the meetings in a tent with a seating capacity of four or five thousand. At the beginning of the fall term preparations will begin in earnest. The chorus and the band will make preparations and every effort throughout the year will be so directed as to make this celebration a great success. It is hoped that all alumni and former students will begin at once to make preparations to be present.

This celebration is of much greater moment than the mere celebration of the fiftieth anniversary of this college. As this is the oldest institution of its kind in the country, the event will also mark the fiftieth milestone in the progress of the type of education which this college so fittingly represents. The national association of agriculture colleges and experiment stations will no doubt meet here at that time and join in the celebration. This will bring to M. A. C. the presidents of the various agricultural colleges, the directors of the experiment stations, presidents of a majority of the state universities, which are also land grant colleges, as well as a large number of experiment station workers and members of the faculties from various institutions.

From the above it will be readily understood that this is to be one of the greatest meetings ever held by any institution, and every alumni and former student, as well as friends of old M. A. C. should plan to take part personally in the festivities of this occasion.

ALUMNI.

'91.

Robert H. Stanley, '87-'89, is a broker, with address either at 191 Bellevue Avenue, Upper Montclair, N. J., or 66 Broadway, N. Y. City.

'94.

Walter F. Lyon with '90, is superintendent of Ammonia and Gelatine departments of the Michigan Carbon Work, Detroit, Mich.

'94

Charles R. Haigh has been for several years past in the employ of B. C. Whitney, theatrical manager, Detroit, Mich.

Dwight T. Randall is assistant professor of Steam Engineering at the University of Ill. His private address is 608 S. Busey Ave., Urbana.

'95

J. G. Veldhuis, M. D., is now engaged in the Indian Service work at Little Eagle, S. D.

'97-'98.

Katharine S. Clute who entered in '97 from Florida State College is now a Domestic Science teacher at St. Louis, Mo. Her address is 4975 Reber Place.

'03.

Maud Parmelee with above class, is a student in Oberlin College, 1902-'06. Her present home address is Elyria, Ohio.

'03.

At a recent meeting of the State Board of Agriculture of North Carolina, F. C. Reimer, of the above class, was made assistant professor of horticulture in the agricultural and mechanical college of that state located at Raleigh. Mr. Reimer states that the college graduated a class of fifty-three this year, which is large when it is taken into consideration that the institution is only eighteen years old.

Mr. Reimer adds that in spite of the fact that the thermometer registered 90 degrees in the shade he is alive and well.

'04.

Wednesday, June 20, at the home of the bride's mother in Lansing, will be solemnized the marriage of Miss Eva Shank to Melbert W. Taber, '04, of Chicago. The groom was a prominent athlete while at M. A. C., and has a large number of friends, both at the college and in the city. Miss Shank was also a special student at M. A. C. for a time.

with '07

Announcements of the marriage of Miss Helen Graham of Detroit, to Gray K. Burrington, formerly of Lansing, on May 30, at Seattle, Wash., have been received. Mr. Burrington was with the class of '07, while the bride was special student during 1904-'05.

THE M. A. C. RECORD.

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

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TUESDAY, JUNE 12, 1906.

FIELD DAY AT M. A. C.

Friday and Saturday, June 1 and 2, were all that could be desired and every college in the M. I. A. A. was represented at the meet, either in track, baseball, or in indoor work. Although it was necessary to begin the tennis tournament on Thursday, classes were held up to Friday noon. As stated last week Hillsdale captured the banner in this sport, Albion securing second honors.

In track work M. A. C. was as usual in the front rank, and almost from start to finish had a lead over her nearest competitor, Olivet. In the dashes Myers, of Hillsdale, was easily the star, winning first in the 100, 220 and 440 yard. In the weights Moore, of Kalamazoo, and Betts, of Olivet, took the lead, the latter raising his record in the shot put over last year 1 foot, 2 inches.

M. A. C.'s points were well distributed throughout the entire meet, as they secured places in nearly all events. The team took firsts in the half mile, in both hurdles and in the pole vault.

In the indoor work M. A. C. was also in the lead, winning four of the six wrestles, first in the work on the horizontal bar and second in both parallel bars and in tumbling. A large crowd gathered on the athletic field Friday evening to witness the indoor work out of doors, which was held immediately in front of the Grand Stand. Electric lights had been installed here and one of the bleachers were moved to the north so that a majority of those present were able to get seats. Chapman proved himself a popular yell master and the response to his calls drowned any other noise which might break forth. Johnson, of Alma, did very clever work with the Indian clubs and was given first place. Alma also carried off first honors in the work on parallel bars, M. A. C. securing second. Belknap was much handicapped in this work on account of his injured knee, but in spite of this fact did very creditable work. Bleech, our new light weight man, showed up remarkably well, throwing both men sent against him in short order.

In base ball M. A. C. again won second place, defeating Olivet Fri-

day by the score 3 to 0 and was in turn defeated by Albion on Saturday 2 to 0, for the M. I. A. A. cup. Following is a list of events with winners:

100-yard dash.—Myers, Hillsdale; Thompson, Kalamazoo; Graham, M. A. C. Time, 10 3-5.

High jump.—Moore, Kalamazoo; Graham, M. A. C.; Bisland, of Hillsdale, and Hurlburt, Olivet tied for 3d. Height, 5-5 1/2.

One mile run.—Thomas, Olivet; Waite, M. A. C.; Bolen, Albion. Time, 4-41 2-5. This broke the 1905 record by Bolen of 4-44 2-5.

Pole vault.—Gilbert, M. A. C.; Loomis and Bishop, of Olivet; Holden, Kalamazoo, and Small, M. A. C., tied for 2d and 3d honors, each taking one point. In the jump off, Bishop, of Olivet, won the medal. Height, 10 feet.

Discus.—Maddock, Albion; Hadden, Olivet; Knapp, Hillsdale. Distance, 107-6.

120-yard hurdles.—Small, M. A. C.; Hurlburt, Olivet; Ford, Hillsdale. Time, 17 seconds.

Half mile run.—Allen, M. A. C.; Hemmenway, Olivet; Bisland, Hillsdale. Time, 2-6 4-5.

Two-mile run.—Thomas, Olivet; Waite, M. A. C.; Carr, M. A. C. Time, 10-33, breaking Waite's record of last year.

440-yard dash.—Myers, Hillsdale; Bignell, M. A. C.; Schenk, Olivet. Time, 52 3-5.

16 pound shot.—Betts, Olivet; Moore, Kalamazoo; Burroughs, M. A. C. Distance, 39 ft., 1 1/4 in.

220-yard dash.—Myers, Hillsdale; Hall, M. A. C.; Schenk, Olivet. Time, 24 sec.

Running broad jump.—Bisland, Hillsdale; Allen, M. A. C.; Small, M. A. C. Distance 19 9/16.

220-yard hurdle.—Pearsall, M. A. C.; Hurlburt, Olivet; Small, M. A. C. Time, 28 3-5 sec.

Hammer throw.—Moore, Kalamazoo; Maddock, Albion; Hans, Olivet. Distance, 121-7 1/2.

In the mile relay M. A. C. won by at least ten yards, Hillsdale winning second and Olivet third places.

This was one of the most exciting of all the events. Pearsall, the first M. A. C. runner, took a lead which was easily held by Bignell, Hough and Allen in the order named. The four men made the mile run in 3 minutes 40 seconds.

The events held in front of the grand stand on the field Friday evening were enjoyed by a large crowd, and each contestant was given hearty support by the delegation from his particular college. The wrestling resulted as follows:

Feather weight.—Orvis, M. A. C., 1st; McDonald, Alma, 2d.

Light weight.—Bleech, M. A. C., 1st; Cobb, Alma, 2nd.

Welter weight.—Spencer, M. A. C.; Baker, Hillsdale.

Special weight.—L. V. Belknap, M. A. C.; Evans, Hillsdale.

Middle weight.—Purdy, Kalamazoo, Von Thurn, Alma.

Heavy weight.—Helmer, Alma, Mitchell, Hillsdale.

APPARATUS WORK.

Club swinging.—Johnson, Alma 1st; Clarke, Olivet 2.

Horizontal bar, L. H. Belknap, 1st; Zimmerman, Hillsdale, 2nd.

Parallel bars.—Preston, Alma, 1st; Belknap, M. A. C., 2nd.

Tumbling.—Olivet's team consisting of Arnold and Birdsall were given first and Jacobs and Cataline for M. A. C. won second place.

The following list shows winners in track and field with number of points won by each.

CONTESTANT	POINTS
Myers, Hillsdale	15
Moore, Kalamazoo	13
Thomas, Olivet	10
Allen, M. A. C.	8
Small, M. A. C.	8
Maddock, Albion	8
Bisland, Hillsdale	6 1/2
Hurlburt, Olivet	6 1/2
Waite, M. A. C.	6
Gilbert, M. A. C.	5
Pearsall, M. A. C.	5
Betts, Olivet	5
Graham, M. A. C.	4
Bignell, M. A. C.	3
Hall, M. A. C.	3
Hadden, Olivet	3
Hemmenway, Olivet	3
Thompson, Kazoo	3
Schenk, Olivet	2
Carr, M. A. C.	1
Burroughs, M. A. C.	1
Hans, Olivet	1
Ford, Hillsdale	1
Knapp, Hillsdale	1
Holden, Kazoo	1
Bishop, Olivet	1
Loomis, Olivet	1
Bolen, Albion	1

The above including the relay would give the results as given last week.

M. A. C. 49, Olivet 33 1/2, Hillsdale 26 1/2, Kalamazoo 17, Albion 9.

The following is a table of points won in the indoor work:

M. A. C.	31
Alma	24
Hillsdale	12
Olivet	8
Kalamazoo	5

M. A. C. 3—OLIVET 0.

In the semi-final ball game on the first day of the big meet, M. A. C. defeated Olivet by the above score, which gave her the right to play Albion in the final game on Saturday. M. A. C. secured her first run in the first inning on a hit, and an error by Shepard. An overthrow by catcher Moore to second in the third and a passed ball in the sixth brought in two more runs. Nies pitched one of the best games ever played on the athletic field and also fielded his position in fine shape. He allowed only five scattering hits and struck out seven men. With one exception all put-outs were in the in-field.

Canfield also played a star game at second, at bat and in stealing bases. Eight chances were accepted by him, several of which looked very much like hits at the start. Bishop of Olivet was hit on the head by a ball thrown from behind the grand stand in the eighth, but was able to finish. Shepard made a sensational catch of a foul fly back of the third base line in the fourth.

The score:

OLIVET	R	H	PO	A	E
Milliken mf	0	1	0	0	0
Moore c	0	1	6	5	1
Bishop lf	0	1	2	0	0
Chiesman 2b	0	0	2	2	0
Thacker rf	0	1	1	0	0
Shepherd ss	0	0	1	3	1
Weed 3b	0	1	0	2	0
Mahony 1b	0	0	11	1	0
Hurlburt p	0	0	1	4	1
Totals	0	5	24	17	3

M. A. C.

	R	H	PO	A	E
Armstrongs	1	2	1	2	0
Boyle c	0	1	7	3	0
Canfield 2b	2	2	4	4	0
Bird rf	0	0	1	0	0
Thatcher mf	0	0	0	0	0
Ellis lf	0	0	0	0	0
Akers 3b	0	1	0	1	2
Kratz 1b	0	0	11	0	0
Nies p	0	0	4	3	0
Totals	3	6	27	13	2

Score by innings
 M. A. C. 1 0 1 0 0 1 0 0 *—3
 Olivet 0 0 0 0 0 0 0 0 —0
 Summary: *Two-base hit, Armstrong. Struck out, by Nies 7; by Hurlburt 5. Bases on balls, off Nies 2; off Hurlbut 3. Stolen bases, Canfield, 3; Boyle, Armstrong, Weed. Umpire, Byron. Attendance, 1,500.

ALBION 2—M. A. C. 0.

Albion defeated M. A. C. on June 2, in the championship game and will hold the cup another year. Nearly 3000 people were present to see this the last game of the season in the M. I. A. A. and they were certainly not disappointed if they were looking for a good contest. The teams were very evenly matched and it was a settled fact from the very beginning that it would be a toss up as to who would win. The deciding scores came in the sixth when Howe and H. Ellerby for the visitors came in on an error by Boyle who threw a low ball to third, and a wild throw by Akers to Nies which went high.

Latham for Albion did good work as pitcher, striking out nine men, and allowing but two hits.

Akers for M. A. C., also pitched an excellent game, striking out eight men and allowing only three passes. M. A. C. made two double plays and Albion one.

The score:

ALBION	R	H	PO	A	E
C. Ellerby 2	0	0	4	2	0
H. Ellerby 3	0	1	0	0	0
Howe s	1	1	1	3	0
Kiels r	1	1	0	0	0
Bliss i	0	2	10	0	0
Squires m	0	0	2	0	0
Frye c	0	1	8	4	0
Moore l	0	1	2	0	0
Latham p	0	0	0	1	0
Totals	2	7	27	10	0

M. A. C.

	R	H	P	A	E
Armstrong s	0	1	0	1	0
Boyle c	0	0	9	3	1
Canfield 2	0	0	5	1	0
Bird r	0	0	0	0	0
Thatcher m	0	1	1	0	0
Nies 3	0	0	1	3	1
Akers p	0	1	0	1	1
Ellis l	0	0	1	0	0
Kratz i	0	0	7	0	0
Totals	0	3	24	9	3

Summary.—Struck out by Akers 8, by Latham 9. Bases on balls—Off Akers 3. Double plays—Albion 1, M. A. C. 2. Stolen bases—Frye, Moore, Keils. Attendance, 3000. Umpire Byron.

ATHLETICS.

The year has been a most successful one as the following will show: M. A. C. won first in football, first in basket ball, first in field and track, first in indoor work, second in base ball and third in tennis. The management is more than satisfied with the results of field day as we secured what is generally conceded by all colleges to be the big plum—track and field honors. M. A. C. has won the outdoor championship every year since 1902 and the relay for the fourth consecutive year. We have therefore, won the old cup and the first "leg" of the new also. The winning of the cup this year was somewhat of a surprise to many, for while there were no particular stars on the team, every man was a good one and at least the last three might have made better time had they been pushed harder, and in this way come up to or broken last year's record.

Good work was done in base ball during the season. The following is the batting average of the team:

Boyle 321, Bird 302, Canfield 286, Thatcher 247, Nies 240, Armstrong 222, Kratz 179, Akers 140, Ellis, 125, Dickson 88. Canfield secured 15 runs, while Boyle led in hits at 25. He also registered the greatest number of stolen bases at 17, while Thatcher was second with 15. Ellis had a fielding average of 1000 per cent in 18 games. For infield, Armstrong and Canfield led with 946 and 943 respectively. Their fielding was the feature of all the work, Armstrong having only 3 errors in 19 games, while Canfield accepted 100 out of 106 chances.

The field day receipts were between \$1500 and \$1600, which does not come up to last year's figures quite. The reason for this is the failure of other colleges to send their usually large delegations. Albion, who was in the base ball finals sent practically no one — not enough to secure rates. Alma and Kalamazoo sent very few, Hillsdale was not very well represented, while Olivet sent the largest delegation of any. There were not, perhaps, over one hundred student visitors outside of contestants. The patronage from surrounding towns and our own local patronage were, however, much larger than ever before.

BACK TO THE FARM.

DOES IT PAY?

From the standpoint of a College graduate who is a successful, practical farmer.

Again and again have I been asked, "Will it pay the boy who expects to remain on the farm or return to it to take a course at an agricultural college?" Boys in the grammar or high school have asked me; teachers have asked me; fond parents, solicitous for the welfare of their sons, have asked me. It is with the hope of aiding these parents or sons to decide the matter that I endeavor briefly to answer the question.

I am presumed to speak from experience, and although the time since the completion of my college course at M. A. C. comprises but three years they have been spent on the farm, and it has been my privilege to work out many principles which prove or disprove the value of an agricultural course to the boy who remains upon the farm.

To give an unqualified answer I must know the boy. Individuality is an important factor in our make-up. We cannot (or rather *will* not) all make good farmers any more than we would all make good preachers or lawyers or doctors, and if a boy is determined not to be a farmer when he reaches college age then I say to the boy follow the occupation for which you think you are naturally fitted if circumstances permit; to the parents I say, consult your boy first.

But nine out of ten farmers' boys will make good farmers if given the chance and caused to look upon farming as a high and honorable occupation—one requiring the greatest ability, education and business tact.

To the boy, then, who is industrious, loves an outdoor life and exercise, a simple mode of living close to nature, enjoys the occupation of assisting nature in caring for and training the plant or animal forms created for our use, I say, *get an agricultural training.* Get all you can of it—a four-year course, if pos-

sible, a shorter course if you must. Decide what branch of the occupation you will follow as a specialty when you return to the farm, and lose no opportunity to learn all that can be learned about it. Become a leader—an authority on this branch of the business. If you are going to grow a certain kind of fruit grow it better than your competitors, know all the little helps and hindrances to the business, and thus succeed where they fail. If you are to breed a certain line of stock learn to do it better than the best breeder you know. If you are to stick to general farming for a time study and experiment with one or two crops and strive to grow larger yields and better quality. Stick to it year after year and you are bound to succeed. This playing leap frog from one thing to another, buying when things are high because they are "profitable," and selling when they are low because "it don't pay to keep them" never made anybody successful. This is an age of spe-

To my mind there is no question but that it will pay the boy or girl who expects to work along agricultural lines to spend four years preparing for his life work. I will go further and say that when this boy has secured such a training supplemented with some practical experience it will not pay him to accept one of the numerous salaried positions that may open to him if he has a chance to return to a farm of his own or his parents or even start in on a rented farm. \$750 or \$1000 a year sounds big to a boy just out of college, but if he is made of the right stuff and will go back to the old homestead, take care of his parents and make the farm work hum, directing his energies untiringly along some certain line until he has won a reputation in it and can command an enviable market price for his product, I say if he will do this \$1000 will not sound so large to him in ten years.

I do not wish to be egotistical and hence have written in a general

rural prospects for what promises more in the city and then perhaps drift back to become a second class farmer when city life has failed or lost its charms. "Brown's fool," who stayed on the farm and became Governor Brown wasn't so foolish after all. Decide now; fit yourself for your work. Catch the spirit of the age—specialization—and be a leader in your specialty and your financial success is assured. But depend upon it, if you never make more than a comfortable living (and that is all any of us can use) the added enjoyment you can derive from the knowledge of nature's objects all about us which such a training opens to our view will amply repay us for fitting ourselves for the agricultural profession.

S. B. HARTMAN.

BOOK REVIEW OF BLACK ROCK.

Nestled among the mountains in the far northwest of Canada is a village called Black Rock, and it is here that Ralph Connor has laid the scene of his story by that name. "Because a man's life is all he has and because the only hope of the brave young west lies in its men, this story is told. It may be that the tragic pity of a broken life may move some to pray, and that that divine power there is in a single brave heart to summon forth hope and courage may move some to fight. If so, the tale is not told in vain." These words from the author himself give an insight into his character and also tell us his reasons for writing the book.

At the time this book was written, young men from Great Britain, Ireland and other countries of Europe were pouring into this northwestern territory at the rate of 48,000 per year and it is of these men of various nationalities that Connor tells his story, which he says is a true one. Not far from the village of Black Rock lies a large lumber camp in charge of one Leslie Graeme, an old college chum of Connor's and a very dear friend. It is here that we find these two men on the eve of Christmas day, waiting for the lumbermen to return from their work.

The preacher from the village, Mr. Craig, drives up and after being introduced to Connor, they all go in to the Xmas eve supper with the lumbermen who have now returned. Mr. Craig is very popular among the lumbermen, and is a very earnest, hard working Christian man of the type which makes one feel at the first meeting that he is your true friend. The men have all received their month's wages and the excitement of freedom and anticipation of a good time to follow on the morrow is very apparent among them. You all can imagine the kind of a time that a crowd of rough woodsmen will have on a holiday in a little village containing a saloon and with their month's wages in their pockets. The preacher feels responsible for every man in the crowd, and it is for this reason that he has come to the camp on this Christmas eve. He knows the temptations which every man will meet in the village the next day and it is with this in mind that after supper is over he asks the men if he can say a few words to them. He tells them that he knows how most of them have left mothers, wives, sons, daughters, or sweet-



M. A. C. BASEBALL TEAM.

- | | | | | |
|--------------|--------------------------|--------------|---------------|-----------|
| Nies, p. | Nelson, p. | Dir. Brewer. | Armstrong, s. | Akers, p. |
| Thatcher, m. | Boyle, c. | Ellis, l. | Canfield, 2. | Kratz, 1. |
| | Freddie Stevens, mascot. | | Dickson, r. | |

cialization and severe competition, and to succeed along any line we must first learn all we can from the experience of others and then go ahead and learn by actual experience, going slow at first but increasing our business as we get means and confidence, and sticking to our specialty until we have proved it a success.

The reader may say, "This is good advice, but can I not learn all these things on the farm without the expense and loss of time incurred in taking a college course?" You can learn many of them but experience is a dear school and a slow one. All that others have worked out is ours for the learning, and the boy who prepares himself for farming by first securing a broad view of the field before him and a knowledge of the principles of the science as worked out laboriously by his predecessors starts twenty-five years ahead of the boy who must learn this all by hard knocks. This is what an agricultural college course will give him. Then if he is wise in the use of this knowledge and has learned that he is only a beginner in this great school of nature and must continue to study and experiment and *work*, his success is assured.

way; but I have been out of college long enough to try out a few principles, to prove that so called "book farming" is not all a farce, to disprove certain old time ways and traditions, to use the science of farming and succeed where others who "didn't believe in it" failed. This is just what other M. A. C. men are doing and just what every trained farmer can do if he is wise and goes slow at first until he is sure of his footing.

One word of caution. Don't be over confident. Some theories don't work out well in practice under all conditions. Don't try to renovate all of your father's ways of doing things at once, but experiment a little and prove or disprove your point conclusively. It will then be easier to convince skeptics. You will be judged by what you *do*, not by what you say you know how to do. *Results* will tell both in reputation and shekels. It has always been the pride of M. A. C. that her graduates "*do things.*"

Young man think hard before leaving the farm, and think harder if you stay upon it. The tide is turning and the population is ebbing back from the overcrowded cities to the farms. If you love the farm and farm work don't give up your

hearts, and traveled away over to this new land to earn money that they may go back to their dear ones and make them happy for the rest of their lives. He tells how each time their month's pay comes they spend it all in the saloon at the village and are no nearer to that long looked for fireside in their native land than they were a month before.

He then reads from the testament which he always carries, and he has probably done this many times before, the story of the birth of our Saviour. He tells the old story over again of how he came into the world to save each one, from the worst to the best, and that whosoever would might come and his sins would be forgiven. All through the talk the men were very quiet and listened attentively and when he left they seemed to be in a little different mood than before supper. Before leaving, however, he invited them all to eat Christmas dinner with him in the village, which invitation they accepted very enthusiastically. Connor was to return to the village with Mr. Craig that evening and when they had driven but a short distance from the camp a man stepped out from behind some trees and stopped the horse. It was "Old Man Nelson, one of the toughest and worst men in the camp. Ignoring Connor he asked the preacher if that story of Christ's forgiving everyone, would apply to him with all his sins and his wicked past life. The preacher assured him over and over again that it did but there still could be seen doubt in the old man's face. Before driving on, however, he promised Mr. Craig that he would give it a trial and looking back when they had gone but a little distance, the last thing that Connor saw was the old man's powerful figure on his knees with his hands stretched toward heaven.

The next day the preacher with the help of Connor, "Old man Nelson" and God, fought the fight with the devil and the saloon in Black Rock, and through their influence nearly all of the miners and lumbermen returned to their work, after the day of jollity, with their month's wages still unspent.

The rest of the book treats of this fight with the devil and the saloon. It tells of the enormous soul conflicts which the men went through sometimes losing out, but more and more often winning. It pictures very vividly the Christlike self-sacrifice of this Mr. Craig and of the help rendered him by a few of the more earnest miners and lumbermen.

There is one character in the book who though not mentioned before, plays a very important part in the story. A few years before the story opens a rich young Englishman was sent to this region by his parents for the purpose of getting rid of his evil ways, they thought that hard work would change his disposition. This young man named Mavor brought with him a very handsome young wife who soon became honored and loved by all the men and women of the place. About a year after Mr. and Mrs. Mavor arrived at Black Rock Mr. Mavor was accidentally killed. Although this cast a great gloom upon Mrs. Mavor's life she decided to remain here and give the rest of her life to the uplifting of the men with whom her husband had worked and as one of whom he had died.

As the weeks and months passed after this Christmas day Mr. Craig

and Mrs. Mavor were thrown very much together in their work for their men and they grew to depend upon each other for help and encouragement. Although the preacher loved Mrs. Mavor he would not think for an instant of asking her to marry him because she was the heir to a large inheritance in England and he supposed that, after the death of her stepmother who was then in charge of the property, Mrs. Mavor would desire to go to England and resume her earlier acquaintances and live in luxury the rest of her life. She did go to England and did not return until word was received that Mr. Craig was very ill. Her arrival brought fresh strength and courage to him however and he soon recovered from his illness. They were married and the rest of their lives were spent among the men whom they loved to help and direct in the right way and who in turn loved and honored Mr. and Mrs. Craig.

Connor left Black Rock after spending a few months there and returned to his home in the east. Some time afterward he received word that "old man Nelson" and Graeme were coming to visit him. Since that memorable Christmas Eve, Nelson had succeeded in saving enough money so that he could come home to his son and daughter. Connor had brought them (Nelson's son and daughter) to his home and they were waiting with great expectation for their father whom they had not seen in several years. Connor was also anxious to see Graeme and he was looking forward with much pleasure to this home coming.

One evening Connor sat alone in his study, when in burst Graeme, but, by the expression on his face one could easily see that he desired no welcoming word but had an important message. Connor asked for "old man Nelson" and with some hesitation Graeme said that Nelson was at the station in his coffin, then Graeme told his story. When he and Nelson had started from the northwest, Graeme had fallen in with some of his old associates and the old love for drink and gambling soon returned. Old man Nelson tried to keep him from drinking and "playing the games," but when his remonstrances were of no avail the old man followed him where ever he went and in all of Graeme's debaucheries, Nelson kept right in the same room with him.

One night Graeme became mixed in a quarrel, and just as the other man was about to shoot, "old man Nelson" jumped between them and the shot which was meant for Graeme killed Nelson. Graeme said that the old man lived for several days and was very cheerful to the last, and when Graeme would reproach himself the old man would say that it was all-right, Graeme would have done the same for him. When he died it was with that peace and confidence that only one can have who trusts fully in his God.

Of course the children took it hard, but they had the same old iron will and undaunted spirit of their father and they did nobly. Graeme, however, was a changed man, and it was said that the spirit of old man Nelson rested in a double portion upon Graeme.

After this Graeme took Connor and went to his home in the south to bid a last farewell to his old father and mother, for he had accepted a position with a railroad

in the far northwest and he was determined to go back among the men like Nelson once was, and do what he could for them. While at his home Connor, with the help of Graeme's mother, decided to invite a few of their old college chums and have one more good old time before they parted for perhaps the last time.

The evening was spent very pleasantly, but before the gathering broke up Graeme said that he had a story which he wanted to tell them. He then very quietly told about "Old man Nelson," his history previous to that Christmas eve, how he was seen in the snow on his knees before God that night, how when he (Graeme) was going the way of the devil "Old man Nelson" followed him from place to place and kindly gave up his life for Graeme, and died, peacefully, happily, thanking God, for what he had done for a poor sinner.

After Graeme had told this story these college men, all of them more or less given to the pleasures of the world, said that if it would do this much for a hardened old woodsman like Nelson it ought to do something for them. Each man shook the hand of each other man and vowed that they would, as had Old man Nelson, give it a trial.

Graeme left for the northwest where with Mr. and Mrs. Craig they spent the rest of their lives not for themselves but as Connor says because, "A man's life is all he has and because the only hope of the brave young West lies in its men."

(Read before the Eunomian Literary Society at a recent meeting.)

THE OPPORTUNITIES FOR COLLEGE GRADUATES WHO ARE NOT FARM OWNERS.

An examination of the records of a large number of graduates of this College, compared with their statements when entering, has shown that the trend of the college course is toward the farm and not away from it. It is perfectly normal that the young man coming from the farm, enamored with his occupation, should return to the farm if his father owns one large enough to give the son the management of part of it. There are, however, and naturally must be a large number of young men who have neither farms at present, nor immediate prospects of owning one without earning the money to purchase it. Because, as director of the experiment station, a large number of applications for young men come to me, I am thinking of the wonderful opportunities afforded college graduates in these modern times.

As I write I have upon my desk calls for young men along commercial lines which are exceedingly attractive. One is for a young man in the dairy business in California, where present exceptionally good wages are assured and where the promise of immediate advancement is good and where the future prospects are unsurpassed. Here is another call for a young man to manage the business of bottling milk for a large establishment near Aurora, Ill. Here is another call for a man to manage a dairy of 165 cows just outside the city limits of the great metropolis, New York. I have cited these simply as instances of openings in commercial lines.

There are hosts of such opportunities awaiting the right men with salaries all the way from \$60 per month up. The trend toward the purchase of so-called abandoned farms in the east by wealthy city gentlemen, has opened a parallel line of opportunities. Here executive ability, ability to handle men, is the dominant thing. With this executive ability there is required an intimate knowledge of scientific agriculture. Again the great west is by no means filled up and the call from that direction for competent men to manage large enterprises is keen and insatiable.

Turning now to college and station work, one must confess surprise at the fact that the colleges have not turned out men enough to supply the demand. Here is a call for the directorship of an eastern station; another call is for professor of agriculture east. A recent graduate would scarcely assume, to fill either of these positions, it is true, but he might aspire to them after a few years experience. Members of the present senior class are going as assistants in live stock husbandry, agronomy and horticulturist to other experiment stations or colleges, there to receive a good initial salary with prospects of immediate promotion. In this work it is not the salary that is the main consideration but the fact that one becomes at once helpful to his fellowmen. In none of its branches is agriculture yet reduced to anything like pedagogic form. On the other hand along all lines the teaching is changing, improving, growing. In this respect it offers attractions which cannot be expected in those studies which have been taught for ages. In almost every case the young man combines experimentation with teaching. He extends the boundaries of human knowledge along with giving instruction in some particular branch or branches. No more delightful life could be laid out for a young graduate than is offered in this teaching and experimental work. The call for men is unabated, is rather increasing than otherwise. While it is true that the salaries offered are not large the opportunities are none the less attractive.

For 33 Friday evenings the Kendall "Bunch" has been called down by the lady of the house (from their rooms above), after which pop corn, marshmallows and other goodies were enjoyed, old games revived and old stories told and retold; so last Friday evening the boys resolved to spring a real surprise and come down without being called, more over the watchword was "Let's be gentlemen just for tonight," so promptly at 8 o'clock the whole "Bunch" invited the Kendall family to join them in the dining room, where a long table was quickly surrounded after the smothered strawberries in ice cream and "Blakeonion" cakes had disappeared; Mr. Musselman acted as toastmaster introducing the following toasts:

How we came to room at Kendall's, W. W. Postiff.

Why we are going to leave, A. H. Crosby.

Pa Kendall as an orator, L. A. Offer.

What College Means to Me, L. G. Rinkle.

Intercollegiate Fussing, L. L. Burrell.

Things I Look Forward to, C. H. Carter.

Things I Look Backward to, A. Pulling.

Old Sweet Hearts, G. W. Smith. After this like a Chinese drama a continuous performance was carried on by the "Bunch" in the parlors, where Act. II was given.

Selection from Kingology, Reading, A. H. Crosby.

My Old Kentucky Home, with variations, Song, Quartet, Messrs. Offer, Rinkle, Sherman and Smith.

The Dandy Fifth, Reading, L. A. Offer.

The Organ Serenade, Music, N. McCullough.

The "Bunch," Poem, H. Sherman.

The Book Canvasser, Recitation, C. H. Carter.

Cornet Solo, A. H. Crosby.

Courtship Under Difficulties, Trilogue, L. G. Rinkle, A. P. Pulling, L. L. Burrell.

Our Guide in Genoa, Recitation, W. Postiff.

A Medley, Quartet.

Prophecy of the "Bunch," H. H. Musselman.

Closing Address, F. M. Barden.

In closing Mr. Barden presented the family with an oak rocker to be a remembrance of the "Bunch."

THE BUNCH.

(With apologies to Longfellow.)

Tell me not in sleepy numbers
Life is but a long sweet dream,
For a man's a dunce that slumbers
After eating cake and cream.
Some may think that we're not earnest,
In our daily work and toil,
You may think that we've been foolish
With our rough house and turmoil.
School is real, school is earnest,
But diploma's not its goal.
Fun and action while we learnest
Lowers some the price of coal.
Not in gladness, not in sorrow,
Do we all go on our way,
But we'll think in each tomorrow
Of the fun we've had today.
Vacation's long, but time is fleeting.
Soon we'll all be back again.
Back to hear the kindly greeting
Of our dear old college men.
Back will come our dear Dutch Louie
With his songs the house to fill.
Always happy, always jolly,
Spilling everything 't will spill.
With him comes perhaps another,
Hailing from Detroit, Wayne—
A long legged be-whiskered brother
Telling stories just the same.
Also Mac, whose always coming
Far along into the night,
Pockets full of Club F cookies
For a Sunday evening bite.
From the farm's hard work and hustle,
From the field of hay and grain,
Comes another of our number,
Clarence Carter is his name.
Then we think of Fusser Barden,
Planning for the pic-i-nic,
Wishing all the girls were single,
So that he could have his pick.
Thoughts of fussing doth remind us,
Crosby's won a little dear,—
Let us hope he'll not be looking
For the taken seats next year.
In the school's broad field of battle,
In the ranks of M. A. C.,
Fuger driving all the cattle,—
That's where Sherman loves to be.
Dr. Rinkle of Dimondale
Is a peach the world decrees,
Relieving people, gaunt and pale
Of their golden 'pendices.
Arthur Pulling, I remember,
Was the bride's most happy man.
Who can tell before September
Arthur may be it again.

Smith's another lucky fellow
With schoolma'ams young and old.
Correspondence grew too heavy;
Hence the "Oliver" so I'm told.
Still another, Roy Burrell,
Coming home from work out west,
Said he cared not for a girl,
But with Ypsi came the test.
To be strictly just and honest,
Musselman should have a line,
But I used up all my genius
In his measly Valentine.
That's the Bunch that roomed at Kendall's,
Nineteen five and nineteen six,—
That's the bunch that ate the popcorn,
Stole the pies and played the tricks.
Let us be glad and thankful
That we've tasted Kendall's cheer,
And in parting, let us give them
Thanks for fun throughout the year.

COLLEGE LIBRARY.

The college library numbers at the present time 26,500 volumes. It occupies with the reading room, two large rooms on the first floor of the library and museum building. It is maintained primarily for the

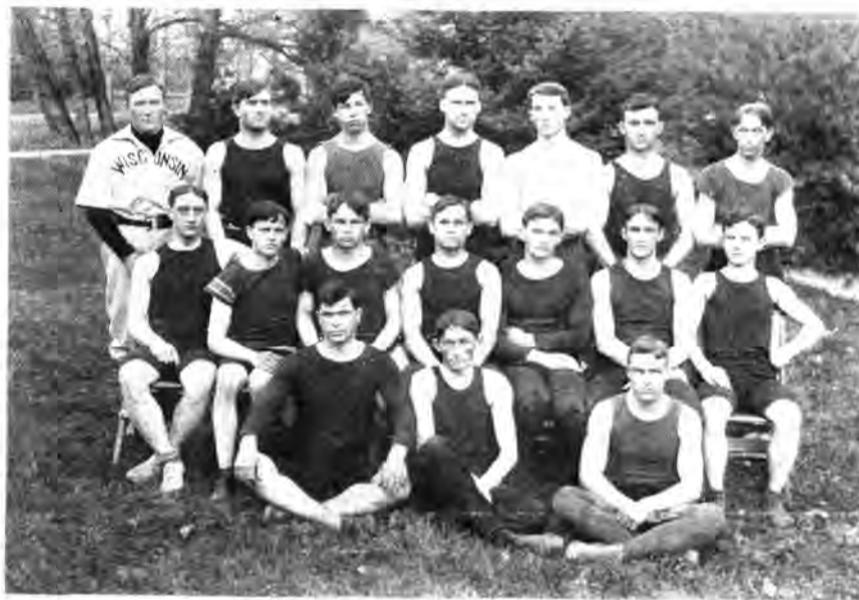
a course in either civil, electrical or mechanical engineering. In all of these and kindred subjects we have a large and entirely up-to-date collection.

A goodly number of books on domestic science and art completes our equipment for the three courses offered to young men and young women by this College, and all are to be found on shelves on the south side of the library.

A large number of books on biography, history, literature, political and social science, philosophy, religion, fine arts and music, with a little good fiction, occupy the shelves on the north side of the room.

In the galleries are found the large and valuable collections of bound periodicals, the books on pedagogy, public documents, and the library of the experiment station.

Our reading room is well supplied with daily papers, and periodical literature, covering literary, scientific and political subjects, which when bound, become a permanent part of the library.



INDOOR TEAM.

1st Row—Dir. Brewer. Sanborn, Colby, Perry, Barnett, Charlton, Hitchcock
2d Row—Rigterink, Orvis, Belknap, L. V., (Capt.) Belknap, Spencer, Bleech, Rodegeb.
3d Row—Marsh, Liverance, Shad.

students, its purpose being to supplement the work of the class-room and laboratory.

The collection of books is a good one, having been selected by a painstaking and discriminating faculty, through whose efforts only the best material on all subjects finds its way to the shelves.

Of reference books, which form the basis of all good libraries, we have a large number. Those which are general in character are placed on shelves near the entrance door. While others dealing more directly with special subjects are found with the collections of which they properly form a part.

This being an agricultural school, one expects to find in the library large numbers of books pertaining to agriculture and allied subjects. They are here—books on agriculture, horticulture, botany, forestry, dairying, chemistry and physics, entomology and bacteriology—and many other subjects with which the present day successful farmer must have intimate acquaintance.

This is also a Technical School. Therefore we find it necessary to place at the disposal of young men interested in such subjects, the best literature that can be obtained to enable them to successfully complete

The library is not a luxury, but a necessity to all connected with the College. The utmost freedom is accorded to all in the use of books. Free access to the shelves, and the privilege of drawing books for use in one's own room are freely granted.

The entire library is carefully classified, and is catalogued on the dictionary plan.

SANITARY CONDITIONS.

In any institution of learning where the students in large part are provided with rooms and board at comparatively small cost, the wholesomeness of the surroundings and the influences under which they live must be of primary consideration. However, it would not be economy, as measured in the minds of most men, to dwell amidst uncomfortable and unsanitary conditions or to use food of a questionable nature. The cost of living, therefore, should be measured by what one obtains in return. For this reason much attention has been given to the proper sanitation of buildings and campus, as well as to the securing of pure food. The aim of this is to keep the students in health. In this work

the college has been quite successful because it is possible to control the sanitary arrangements and the food supplies upon the campus and to subject them to certain satisfactory regulations. Besides these features, the water supply is excellent and has never caused any trouble. The water is taken from artesian wells and distributed over the campus to the different buildings. The sewerage system is connected with all halls and dormitories and the sewage is carried to the river. The Agricultural College, therefore, has good rooms, good food and water, and a good sewerage system, all of which contribute to the health of the student body.

One of the most important agents in contributing towards health is the hospital. Although its function is to care for the sick only, yet by this very means it does much in maintaining health. Some years ago the state provided this hospital on the campus for the care of sick students. It was doubtless the outgrowth of the evident lack of facilities in caring for the sick when an epidemic of some nature visited the College. There is in charge of the hospital a trained nurse who administers to the ailments of the students throughout the year. Students are at liberty to visit the hospital at any time for such attention as may be given by a competent nurse, or if a physician be required, the choice of the student is called. Its greatest usefulness, however, lies in caring for the sick when epidemics break out. Contagious diseases are quite likely to be brought upon the campus by students returning to the College from their homes throughout the state two or three times during the year. Usually two or three weeks after their arrival there will be a single case, or perhaps two cases which have been brought in from outside. By strenuous efforts in isolation and disinfection the spread of such contagious diseases is held in check. With the ordinary contagious diseases, such as measles, more difficulty is experienced, because people in general are more careless in attempts to stay the disease. A case of such a disease as smallpox, however, seldom passes beyond the one who has brought it to the College. Even with its dormitory system the College has for some years been wonderfully free from the trials which contagious diseases usually bring upon an institution.

No factor has contributed so much to the success of public health service at the College as the sound sentiment which has been developed among the students for the elimination of contagious diseases. Almost without exception he who contracts some contagious disorder considers it his duty to sacrifice his own comfort for the safety of his fellow students. Nothing can be more commendable in student life than this, and nothing can be more conducive to the elimination of contagious diseases. This savors of a practical, altruistic motive, and deserves praise in behalf of the student body.

The Ero Alphan society gave their commencement party in the armory Friday evening. About fifty-five couples were present and in spite of the rain all seemed to be enjoying themselves. Baker's orchestra furnished the music. The patrons of the evening were Instructor and Mrs. Reed and Mr. and Mrs. Brewer.

NOTICE.

Notice is hereby given that the College does not assume any responsibility for property left by students in their rooms during the summer vacation. In order that the work of the dormitory cleaners may not be hindered it is desired that every piece of furniture which the student wishes saved should be conspicuously labeled with the student's name and room number, and that all books, clothing and small articles of room furniture or decorations be securely boxed up with name of owner on the box, and that carpets and rugs be securely rolled up and labelled. The cleaners will regard all articles found in the dormitories, not thus taken care of, as refuse to be thrown on the waste heap.

J. L. SNYDER, President.

W. O. HEDRICK,

Dormitory Inspector.

COLLEGE FARMING.

"What is worth doing is worth doing well." On the farm few things are worth doing that are not done well. The farmer who succeeds only to the degree in which every operation has been well performed.

In the growing of a crop each step involved—the plowing, the harrowing, the saving and preparation of the seed, the planting, etc., has its part in the ultimate result, and will be effective in proportion as it is well done.

It may be sufficient to know how to perform the steps in crop growing. It is better to know as completely as possible the principles involved in each.

The crops on the college farm are in excellent condition. Field No. 12 has a superior stand of corn in spite of the fact that the field is of necessity worked under unfavorable conditions. Great care has been exercised in the preparation of the soil and in the planting. Equal care has been exercised in the selection, care and preparation of the seed. The kind of care every farmer should exercise. The corn is making good growth and has a vigorous appearance. The stand is remarkably uniform. An examination showed only 3 per cent of the hills without stalk and only 2 1/2 per cent of the hills with one stalk. Another year it will be entirely possible to reduce both of these per cents of poor stand.

FORESTRY DEPARTMENT.

The course in forest tree propagation which has been given this year has proved of much interest and profit to the students. The course is entirely laboratory and includes the study of seed production, collection, preservation, plantation and care of the young trees. Since different tree seed require very different care there is ample opportunity for study, investigation and experimentation. Seedlings and cuttings have been grown by members of the class in the greenhouse in the cool, outdoor cellar and in nursery beds and rows. Chestnut and papaw have been successfully grafted by the students.

In silviculture each member of the class was assigned one-tenth of an acre of land that had restocked naturally during the past ten or twelve years since the large trees

were removed. Records of all live trees cut and those left were made with the result that between five and six hundred trees were found on each plot, about four-fifths of them being removed to give those left better opportunity for growth. Very few trees of valuable species had to be cut because they were mostly of good size and well distributed. At the rate the work was done it would take a man one week to thin an acre. Numerous vines made the work difficult in Doces.

One more week in which to report June engagements.

Lost.—Ladies silver watch. Finder please leave at secretary's office.

The baccalaureate sermon will be given by Rev. Robert McLaughlin of Grand Rapids in the armory Sunday at 3:30 p. m.

The Olympic society elected the following officers for the fall term: B. B. Clise, President; P. H. Shuttleworth, Vice-president; J. S. McDevitt, Secretary; F. K. Webb, Treasurer; E. C. Hitchcock, Marshal; G. S. Valentine, RECORD editor.



In the final class championship game of baseball the freshmen won from the juniors by the score of 8 to 12. Batteries for juniors, Westerman and Hayden; for freshmen, Curtis and F. F. Burroughs.

The M. A. C. Sunday school observed Children's day Sunday, when appropriate exercises were held. Sessions will not be continued during the summer, but the work will again be taken up in September.

The Eunomian society have elected the following officers for the fall term, 1906: President, C. B. Peck; vice president, C. L. Rowe; secretary, P. H. Ellwood; treasurer, A. R. Wilcox; RECORD editor, A. Sobey; marshal, R. Allen; warden, J. D. Baker.

The following officers were elected by the Ero Alphan society for the fall term 1906: President, Helen Ashley; vice president, Edith Roby; secretary, Shirley Gardner; treasurer, Elzina Holmes; marshal, Marjorie Bird; RECORD editor, Aleen Raynor.

The state executive committee of the Young Men's Christian Association brings boys of 12 to 16 years of age from all parts of Michigan together at Camp Hayo-Went-Ha for two weeks of the greatest kind

of fun, education, inspiration and out-of-door life under the care of careful and competent adults whom the boys like.

For application blank and terms write Mr. W. H. Gay, care of Berkeley & Gay Furniture Co., Grand Rapids, Mich.

Last Saturday evening the boys of the Aurean Literary Society held their farewell jovial meeting. The usual literary program was given over and everyone proceeded to have a good time. The kind invitation of Mrs. Amos Brown asking the boys to the farm house was gladly accepted, and 27 boys made merry with games and music, followed by a "lap feed" which was spiced liberally with toasts.

This society was organized last Sept. 30 by 9 boys. Since then it has grown faster than their fondest hopes. Because the society had no rooms of its own, the sides of old number 7 College hall have been made to ring with seriousness and laughter for in all 28 meetings. The boys feel that a long felt need of more societies in the college has been partly supplied and all are enthusiastic over the literary training they have received. Next year the soci-

the conscientious and modest methods in his life that made his friends legion.

"He was actively connected with the Palette and Chisel Club for more than seven years and today the entire membership of that institution mourns the untimely loss of him who has given valuable time and talent to its upbuilding. I could no doubt extoll the many virtues that made the life of Ernest Thayer worth living, but you who knew him best can appreciate why he is enshrined in the hearts and minds of a brotherhood who will always reverence his memory." — *The Acorn*, Three Oaks.

'94.

Mrs. F. A. Booth, (Katharine McCurdy), is located at Seattle, Wash., where she believes the climate to be as nearly perfect as one can find it anywhere. Miss McCurdy spent about three years at M. A. C. after which she completed the course at the Farrand Training School, of Detroit. She was a professional nurse for several years, and married Dr. Booth about two years ago. They reside at 3642 15th Ave., W., Seattle.

'04.

Announcements are out for the wedding of Henry B. Baker, with the class of 1904, and Miss Sarah Amelia Tisdale, at the bride's home in Douglas, Mich., on June 19, 1906. The young people will spend the summer at a cottage on the lake near Saugatuck, which Mr. B. has in process of construction, and will be at home at 810 Ottawa St., Lansing, after Oct. 1.

'08

Miss Margaret Christie, who has been teaching in New Mexico during the winter, returned to visit college friends last week. From all reports she enjoyed the new experience, still like us all, was glad to welcome "Old M. A. C."

The following letter is self explanatory:

Dear sir:—Referring to recent issue of the RECORD (May 29) I beg to say that I am not located in Washington, but at Atlanta where I have charge of the industrial work for 991 miles in this state.

I am trying to locate everything from brick, pottery, cotton mills, etc., to good farmers from the north who want a chance to live out doors for 12 months instead of being kept under shelter for about four of them.

The industrial development in the south is wonderful. They have the mills for making cotton fabrics but they now need the people. I think there is no place where there is the chance for employment and for investment with large returns that there is here. Had I time I would be glad to write you a longer article on this though I would regret to have it go in without "Accepted H. E."

Very truly,
GUY L. STEWART.

W. M. Clute, a mining engineer in New Mexico, writes that copper mining is all right and that region is fast developing into a very productive mining country. Business is good and Mr. Clute is satisfied with the outlook. He and Mrs. Clute leave soon for St. Louis where they attend the wedding of their daughter who is to marry Mr. Snowdon Miller, of Alabama, on the 23d inst.

ety expects to have rooms in Well's which will remove its most serious handicap.

'86

Theo. A. Stanley is engaged in farming at New Britain, Conn. He writes interestingly of his work in the east and adds that he shall begin at once to make arrangements to be present at the semi-centennial next year.

'87.

Harkness L. Chapin is engaged in real estate business in Portland, Oregon. His address is 246 Stark St.

'93.

At the funeral of the late Mr. Ernest Noyes Thayer, held last Friday afternoon, Mr. August Petrtr, president of the Palette and Chisel club of Chicago, paid his deceased brother, business associate and intimate friend the following high tribute:

"Ernest Noyes Thayer was identified with Chicago's interest for more than 10 years and I do not feel that there is any one that is in a position to appreciate the real and genuine character of this man more than I. Our associations in business were most intimate and I recall only

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Griswold**

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ELGIN MIFFLIN

It is no easy task to select goods for college men and women. It is necessary for them to have good goods and good style and the latter must be just a little ahead of the times—but we have established our reputation at the M. A. C. on these two qualities and we intend to retain it.

We have everything you will want for your spring outfit and kindly invite you to come and see us and urge that you still make our new store your waiting place.

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Women's Misses' and Children's Ready-to-wear Garments, Knit Underwear, Hosiery, Gloves and Ribbons. All the new things in Laces, Embroideries, and Wash Goods, : : :
See our New Silks, Dress Goods and Trimmings. If you want an Exclusive Gown or Suit, go to Lansing's Reliable Store. : : : :

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Price \$1.98 a pair

We offer three lots in snappy, up-to-date patterns. They possess the style and character of Two-Fifty Shoes.

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Light Sole Heavy Sole Heavy Sole

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HOLLISTER BLOCK



ABOUT THE CAMPUS.

J. D. Baker '08 spent a day or two at his home, Camden, the past week.

Miss Bon Bennett '05 attended commencement exercises at Purdue during the past week.

Mrs. J. P. Felt, (Bessie Earle), of Emporia, Pa., is visiting relatives and friends on the campus.

Mr. and Mrs. Harvey Howorth of Palo, were guests of their daughter, Miss Mabel, over Sunday.

Miss Alice Gunn '01 of Iron Mountain, expects soon to be at home for the summer vacation.

Miss Rademacher was called to her home the past week on account of the serious illness of a brother.

No RECORD will be issued next week, but following commencement a double number will be published.

H. D. Hahn, '04, visited College friends the past week and took in the armory party Friday evening.

Harry French, with '05, has completed his course at the university of Purdue. Mr. F. visited College friends over Sunday.

E. A. Crozier, treasurer of Kent county, visited his cousin, Instructor Alger, of the mathematical department, the past week.

Copy for fall term program has been sent to the printer. Proofs will be distributed to various departments as soon as received.

Secretary Brown was in Chatam, U. P., a few days the past week, where the contract for a new house at the experiment station was let.

The board as audited for the spring term is as follows in the various clubs: A, \$3; B, \$2.85; C, \$1.98; E, \$2.82; F, \$2.10; G, \$2.49.

B. B. Ellsworth of last year's base ball team, visited friends at the College over Sunday. Mr. E. is connected with the Armada High School.

Roy Waite has been elected track captain for 1907. He has been the mainstay in the distance runs for three years. L. H. Belknap was re-elected captain of the indoor team.

Several specimens of ore have been received by the chemical department from the Gold King mine, Grand Island Mining District Boulder Co., Colo. The sender is S. E. Champe '06.

Mr. H. P. Piper, of Lapeer, has purchased the property of Mr. Hilliard in Oakwood, and will make this his home the coming year. This gives W. E. an opportunity to live at home next year.

R. S. Canfield was elected base ball captain for next year. He has played second base for three years and has always been one of the leaders in fielding and hitting. He is popular with the players and student body.

Dr. and Mrs. Edwards left Friday for Kingston, R. I., where they will attend the commencement exercises of the Rhode Island college of agriculture and mechanic arts, to which institution Dr. E. has been called as president.

E. A. Edgerton, of Lansing, who had charge of the creamery mechanics in the special courses during the winter, suffered a stroke of paralysis on Wednesday of last week and his condition is serious. Mr. Edgerton was formerly the college engineer.

Rafael Montenegro, one of our Filipino students, left Thursday for home. He was met in Chicago by Supt. Sutherland who accompanied him as far as San Francisco. Mr. M. has not been in good health during the past year, and it was thought best to take him back to the Islands.

NOTICE— The librarian has received from a former student two books belonging to the library which had been taken away by accident. In view of the many mistakes of this kind which have occurred in the past, students are earnestly requested to look over their books and return at once those belonging to the library.

W. G. Sackett gave an address before the Farmers' club last Tuesday evening on "Farm Sanitation." He treated the subject under two heads; first, the water supply, and second, the drainage, dwelling at length on the danger of pollution from having a barn or cesspool near to a shallow or open well, showing that this offered an ideal place for the growth of typhoid and malarial diseases. This was followed by the election of officers for next fall term. The men elected were: Walter Warden, Pres., Arthur Campbell, Vice Pres.; John Walkup, Sec.; Floyd Barden, Tres.; Guy Smith, reporter.

The botanical department distributes to students copies of a pamphlet containing a list of trees and shrubs as grown at the College some five years ago. In their study thirty-five women and thirty-three men have their attention called to lists of trees and shrubs of the highest value—iron-clads—such as any one in central Michigan might plant with safety. Here are the names of the shrubs, none of which are evergreen.

Several of the members of the Tau Beta Pi go to Ann Arbor Thursday where they will install a chapter of that fraternity Thursday evening at the university. Michigan is the first state to have three chapters, M. A. C. being the oldest, and the School of Mines second. It is to be hoped that arrangements may be made for some of the juniors to go, and as many of the seniors as possible. It is believed that good connections will be made so that very little time will be lost.

The Athletic council voted the ten members of the baseball squad monogram sweater vests. Monogram jerseys were also voted to all those winning first place in fielding, and to such members of the track and indoor team as are seniors this year.

Invitations have been received for commencement week at Rhode Island College of Agriculture and Mechanic Arts, same to be held June 9-12. President Butterfield, '91, gave the baccalaureate address on June 10, taking for his subject, "Worm and Prince."

A small list of choice ornamental trees and shrubs that are believed to be iron clad and safe to plant almost anywhere in the southern peninsula. A large number have been omitted because they are not always hardy or for some other reason.

BROAD-LEAVED TREES.

- Acer Platanoides L., Norway Maple.
- Acer Rubrum L., Red Maple.
- Acer Saccharinum Wieri Schwe, Wier's Cut-Leaved Maple.
- Acer Saccharum Marsh, Sugar Maple.
- Betula Alba Laciniata Pendula Hort., Cut-Leaved Weeping Birch.
- Betula Papyrifera Marsh, Canoe Birch.
- Cladastris Lutea (Michx.) Koch., Yellow Wood.
- Cornus Florida L., Flowering Dogwood.
- Fagus Americana Sweet, Beech.
- Fraxinus Americana L., White Ash.
- Liriodendron Tulipifera L., Tulip Tree.
- Magnolia acuminata L., Cucumber Tree.
- Quercus alba L., White Oak.
- Quercus coccinia Wang, Scarlet Oak.
- Quercus imbricaria Michx., Shingle Oak.
- Quercus rubra L., Red Oak.
- Salix vitellina pendula Hort., Weeping Willow.
- Salix pentandra L., Laurel-leaved Willow.
- Tilia Americana L., Basswood.
- Ulmus Americana L., American Elm.

EVERGREEN TREES.

- Juniperus Virginiana L., Red Cedar.
- Picea Canadensis (Mill.) B. S. P., White Spruce.
- Picea Excelsa Link., Norway Spruce.
- Picea Orientalis Carr., Oriental Spruce.
- Picea Pungen Engelm, Colorado Blue Spruce.
- Pinus Cembra L., Cembrian Pine.
- Pinusresinosa Ait., Red or Norway Pine.
- Pinus Strobus L., White Pine.
- Pseudotsuga Doudlasii Carr, Douglas' Spruce.
- Thuja Occidentalis L., Arbor Vitae, White Cedar.
- Tsuga Canadensis (L.) Carr, Hemlock.

BROAD LEAVED SHRUBS.

- Aesculus Pavia L., Dwarf Buckeye.
- Alnus Glutinosa Imperialis Desx., Imperial Cut-leaved Alder.
- Ampelopsis Quinquefolia Michx, Virginia Creeper.
- Berberis Nepalensis Spreng.
- Berberis Thunbergii DC.
- Berberis Vulgaris Atropurpurea Rgl., Purple-leaved Barberry.
- Caragana Frutescens DC., Pea Tree.
- Chionanthus Virginica L., Fringe Tree.
- Cotinus Cotinoides (Nutt.) Brit., Smoke-tree.
- Crataegus Oxycantha Coccinea Fl. Pl., Double-flowered Scarlet Thorn.
- Cydonia Japonica Pers., Japan Quince.
- Hamamelis Virginiana L., Witch Hazel.
- Hydrangea paniculata grandiflora Hort., Large-flowered Hydrangea.
- Ligustrum Iboata Sieb. Privit.
- Lonicera Sullivanti A. Gray., Honeysuckle.

- Lonicera Tartarica grandiflora rubra Hort., Large Redflowered Honeysuckle.
- Magnolia Soulangeana Hort.
- Philadelphus grandiflorus floribundus A. Gray., Large-flowered Honeysuckle.
- Prunus tomentosa Thunb.
- Pyrus coronaria L., Wild Crab-Apple.
- Pyrus floribund A Nichols., Flowering Crab.
- Ribes Aureum Pursh, Yellow-flowering Currant.
- Rosa Setigera Michx, Prairie Rose.
- Spiraea Anthony Waterer.
- Spiraea Prunifolia fl. pl. Hort., Double-flowered, Plum-leaved Spiraea.
- Spiraea Thunbergii S. & Z., Thunberg's Spirare.
- Spiraea VanHouttei Briot., Van-Houtte's Spiraea.
- Syringa Persica L., Persian Lilac.
- Syringa Villosa Vahl.
- Syringa Vulgaris L., Common Purple Lilac.
- Syringa Vulgaris Alba Hort., White Lilac.
- Viburnum Lantana L., Wayfaring Tree.
- Viburnum Opulus L., Cranberry Bush.
- Viburnum Tomentosum Plenum Mig., Double-flowered Japanese Snowball.
- Vitis Indivisa Wild Grape Vine.

EVERGREEN SHRUBS.

- Juniperus Communis L., Common Juniper.
- Juniperus Sabina L., Savin.
- Pinus Montana Mughus Willk., Dwarf Pine.
- Thuja Occidentalis Globosa Hort., Globosa Arbor Vitae.
- Thuja Occidentalis Pyramidalis Hort., Pyramidal Arbor Vitae.
- Thuja Occidentalis Sibirica Hort., Siberian Arbor Vitae.

W. J. BEAL.

Report of the weather conditions for the month of May.

Date	Temperature		Prevailing Wind	Remarks
	max.	min.		
1	55	47	S.E.	
2	49	47	S. W.	Rain 4:30 p.m.
3	56	43	N.W. S.	(Slight rain
4	52	51	S. S.W.	in p. m.
5	60	42	S.E. S.W.	
6	54	41	W.	
7	44	33	W.	
8	54	32	S.E. N.W.	Snow flurries
9	44	30	N.W.	
10	56	31	N. W.	Hail storm
11	70	44	W.	
12	82	49	S.W.	
13	73	51	S. N.W.	
14	61	47	N.E. E.	
15	82	48	S.E. S.	
16	84	57	S.	
17	80	65	S. S.W.	
18	82	62	N.W. S.	
19	63	47	N.	
20	63	37	N.E.	
21	70	44	S.E. E.	
22	84	50	S.E. S.	
23	83	55	S.	
24	85	64	S.W. S.	
25	85	60	S.E. W.	
26	75	47	W. N.E.	
27	49	39	N.E.	
28	60	39	N.E. E.	
29	65	35	N.E. S.E.	
30	61	48	S. E.	
31	80	50	S.E. S.	

The Hesperians elected the following officers at their last meeting for the fall term 1906: President, J. S. Baker; vice president, W. B. Allen; secretary, F. R. Sweeney; treasurer, W. H. Hopson; registrar, F. E. Wood; marshal, H. J. Nelson; RECORD, Editor A. Garcinava.

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