

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 9.

LANSING, MICHIGAN, TUESDAY, JUNE 14, 1904.

No. 38

COMMENCEMENT PROGRAM.

Baccalaureate—Sunday, June 19, 3 p. m. Rev. R. G. Ferguson, D. D., Pres. of Westminster College, Pa.

Society Reunions—Monday evening, June 20.

Class Day—Tuesday afternoon, June 21.

President's Reception—Tuesday, June 21, 8 p. m.

Commencement—Wednesday, June 22, 10 a. m. Address by Dr. H. C. White, president of the Agricultural and Mechanical College of Georgia.

JUNIOR ANNUAL.

The Junior Annual is now ready for distribution.

Everybody wants one at \$1 each. It contains 100 beautiful engravings, 150 pages of literature, class and society histories, fun and humor, biographies, etc.

As the name, "Glück auf" implies, it carries good luck with it where ever it goes.

Be sure to get your share. Copies may be secured by mailing address and \$1.20 for book and postage to C. I. Auten, Business Mgr. of Junior Annual, Agricultural College, Mich.

ENTERTAINMENT COURSE.

The course for next year promises to be a good one. Taft, the sculptor, Montville Flowers, Dr. Willits, Sam Jones, Dunbar Quartette and the Cleveland Orchestra will be the attractions. The price will be as formerly, one dollar for the entire course.

PROSPECTS FOR FOOTBALL.

The outlook for M. A. C. is excellent. Nine of last year's championship team will be back next fall. With fine second team material and with the new men that will enter, M. A. C. is bound to have a winning team. The following schedule has been arranged:

- Oct. 8, Ohio N. U. at M. A. C.
- Oct. 15, open.
- * Oct. 22, Albion at Albion.
- Oct. 29, Ypsilanti at Ypsilanti.
- * Oct. 31, Hillsdale at M. A. C.
- Nov. 5, All-freshmen at M. A. C.
- * Nov. 12, Olivet at Olivet.
- * Nov. 19, Alma at M. A. C.
- * Nov. 24, Kalamazoo at M. A. C.

*Championship games.

M. A. C. VS. OLIVET. FACULTY GAME.

Last Saturday the M. A. C. faculty landed on the Olivet faculty for fourteen runs, while Olivet secured four tallies. The game was good. The coaches pitched the game. Brewer had Hall on his hip most of the time. However, Hall waltzed out a home run in the sixth inning with a man on second.

There was a lot of fun. M. A. C. wore big straw hats and citizens' clothes and each player received a nickname. Peters slid bases in great style. Olivet's faculty was not sporty enough to man a full team so three of the students played in the out field. The line-up was as follows:

M. A. C., Tower c, Smith 1, Hopkins 2, Shedd 1, Brewer p, Tryon m, McCue s, Wermuth r, Peters 3.

Olivet, Knapp 1, Leavenworth 3, Hall p, Bishop m, Beddow s, Bell 2, Gray r, Smith 1, Clark c.

The score:

	1	2	3	4	5	6	R	H
M. A. C.	2	0	2	0	9	1	14	14
Olivet	0	1	0	1	0	2	4	7

Y. M. C. A.

The Thursday evening prayer meeting was led by Mr. G. W. White, who gave a short talk on the theme of the evening, "The Young Christian in Society." He was followed by Mr. O. K. White. Both speakers gave some original and helpful suggestions on the subject. The remainder of the time was given over to those who had attended any of the Conventions at Lakeside or Geneva, who gave short talks on the benefit to be derived from attending one of these conventions.

Rev. R. C. Dodds of Lansing conducted Sunday morning chapel service. His text was Matt. 16: 26: "For what is a man profited if he shall gain the whole world and lose his own soul? or what shall a man give in exchange for his soul?" He showed what was meant by gaining the world, the fearful price at which it is gained, and the joy and satisfaction of living to save the soul rather than to gain the things of the world.

The union meeting Sunday evening was a song service. It was conducted by Mr. Wermuth, and the entire service consisted of songs by the congregation, anthems by the choir, a solo, a trio and a selection by the quartette. The meeting was exceptionally well attended and thoroughly enjoyed by all.

CLASS GAMES.

The inter-class games have drawn out a great deal of interest this spring. Every class, including the instructors, has lost one or more games with the exception of the freshmen.

	Won	Lost	Percent
Freshmen	1	0	1.000
Seniors	3	1	.750
Juniors	2	2	.500
Sub-freshmen ...	2	2	.500
Instructors	1	3	.250
Sophomores	1	3	.250

This gives the Freshmen the highest percentage, though they have played only one game. There is no doubt that they have the strongest team. The Seniors have earned their position by hard work and persistent playing.

FRESHMEN VS. EATON RAPIDS HIGH.

The M. A. C. freshmen have been playing some good ball this season. They won from Mason 7 to 6, Eaton Rapids 3 to 0 and 7 to 5 and played a four-inning game with Olivet high which was lost 5 to 4. Their line-up was as follows:

Hitchcock, captain, second base and catcher; Harris, catcher; Larned and Ellsworth, pitchers; Kratz, first base; Dunstan, third base; Landon, short; Koehler, Mc-Hatton, Cox and Brucker, out-field. Last Saturday's game was a good one. Ellsworth pitched a steady game. The score at the end of the ninth inning was 7 to 5 in favor of the freshmen.

NEW BOOKS IN THE LIBRARY.

- The Genesis of Ore-deposits.
- Leuermogen der Elektrolyte.
- The Citizen by Shaler.
- Organic Chemistry by Prescott.
- Organic Analysis by Prescott.
- Metallurgy of Gold by Eissler.
- Ammonia and its Compounds by Vincent.
- Annals of Botany.
- Marine Engineering.
- American Gardening.
- Chemistry of Plant and Animal Life.
- Source-book of English History by Kendall.
- Our Forests and Woodlands.
- Financial History of the United States by Dewey.
- Mechanics of Materials.
- Outlines of Electro-chemistry.
- Technical Mechanics.
- Chambers Cyclopedia of English Literature.
- Reciprocity.
- Methods of Industrial Remunerations.
- Autobiography of Senator Hoar.
- Story of the Bacteria.
- Chemistry in Daily Life.
- Story of Germ Life.
- Political Parties and Party Problems in the U. S.
- Organized Labor by John Mitchell.
- Philosophy of Education by Horne.
- Education and the Larger Life by Henderson.
- The Meaning of Education by Butler.
- Two Heroes of Cathay.
- History of Coinage and Currency in U. S. by Hepburn.
- The Mushroom Book.
- American History and its Geographical Conditions.
- Theory and Practice of the Condensers.
- Compound Engines.
- British Industries.
- Individualism and Collectivism.
- William the Silent.
- Contemporary France.
- Roads and Pavements.
- History of Education by Seeley.
- Our Benevolent Feudalism.
- Alternate Current Transformer.
- Coal-tar and Ammonia.

ALUMNI.

With '75.

T. M. Loomis has recently moved from Portland to Fowlerville where he has purchased a lumber yard.

With '79.

Rutherford P. Hayes is engaged in the lumber business in North Carolina. His home is at Ashville. Mr. Hayes is a son of Rutherford B. Hayes, president of the United States from 1877 to 1881.

With '93.

Mr. and Mrs. Wm. G. Merritt, of Detroit, spent Sunday at the College. Mr. Merritt is still with Berry Brothers as chemist and enjoys his work.

With '95.

A. N. Clark, instructor in sugar technique, has been offered a good position in the Wallaceburg, Ontario sugar factory. He expects to leave for that place in the fall.

With '96.

John Nellist is doing well as a civil engineer in Grand Rapids. He is to construct maps of certain mineral lands in the upper peninsula during the summer. As a side issue he is running two greenhouses, 50x18. Mr. Nellist expects to be at M. A. C. during commencement week.

Sp. '97, '98.

Donald MacArthur, dairyman at the Haskell Institute, Lawrence, Kansas, has secured many improvements in his department during the past year. The *Indian Leader* contains the following article: "A special feature of commencement will be the opening of the new dairy barn, a structure two hundred by sixty feet. It contains one hundred Drown iron stalls in which the cows can card their bodies as well as in the pasture; a calf department where over forty calves can be fed at once; office, weighing room with hot and cold water, boys' dressing room, tool rooms, feed rooms, roomy box stalls, sewerage from gutters, tracks through barn in which ensilage and grain is carried to the animals, and hay is lifted from the wagons by use of fork and track and placed in hay mows; a silo holding 119 tons of green feed for winter months; a root cellar where one thousand bushels of vegetables can be stored; drives so that teams and wagons can pass through the barn north, south, east or west, all under one roof. It is a wonder and you should take time to visit this barn."

'00.

Messrs. Ranney and Parker were at the college on Friday looking after the placing of the class stone. This is the third time this class has made an effort along this line and we hope that this attempt will be a success. Next week's RECORD will contain a cut of the stone.

Wm. Ball, of Grand Rapids, made a short visit at M. A. C. last Friday. He is in the employ of the machine firm, Butterworth and Lowe.

THE M. A. C. RECORD.

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

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TUESDAY, JUNE 14, 1904.

Miss Bessie E. Cordley died at the College hospital on Wednesday morning, June 8, at 7 o'clock. She had been seriously ill for about one week, though suffering from a chronic disease for some time. While her death was not entirely unexpected, yet the announcement caused a distinct shock and cast a deep gloom over the entire College community.

Miss Cordley entered M. A. C. in the fall of 1900 as a graduate from the Ann Arbor high school. Had she lived she would have received her degree on June 22. She was a member of the Themian Society, an active worker in the Y. W. C. A., of which organization she was president last year, and a member of the Congregational church.

At a special meeting of the faculty it was decided to close college exercises at 4:30 and hold memorial services in the chapel. The senior class attended these services in a body, and many other students were present. Prof. Smith presided, and Dr. Edwards gave a brief characterization. He spoke of her ability as a student, of the earnestness with which she did everything, and of her tenacity of purpose. Her mind was clear and analytical. She did her work well in spite of physical hindrances. The strong points in her character were gentleness and a retiring modesty. Her disposition was very pleasant, and she always tried to please those with whom she associated. Her ideals were high, her soul was large, and her spirituality was deep and sincere. Miss Dora Skeels read an article bringing out the relations Miss Cordley bore to others—to her society, her classmates, and to her co-workers in religious lines. The exercises closed with a short address by Rev. W. A. Minty of the Pilgrim Congregational Church.

The remains were taken to Pinckney on Thursday morning to the home of her sister. The funeral was held at 2 p. m., Friday, and was largely attended. The College Faculty was represented by Dr. Edwards and Miss Gilchrist, the senior class by Miss Hinkson and Mr. McWethey, and the Themian Society by Miss Lee. The pall bearers

were Messrs. Woodbury, Maltby, Hornbeck, Button, Dodge and Adelman, all members of the senior class. The floral tributes were beautiful. The Faculty, class of '04, Y. W. C. A., and the Themian, Feronian, Sororian and Ero Alphan societies made floral offerings.

Miss Cordley was an orphan and leaves behind, her sister of Pinckney, and her brother, Prof. A. B. Cordley, of the Oregon Agricultural College. THE RECORD extends its sympathy to the bereaved relatives and friends. What we call death is after all but a change. It opens up new opportunities to those who have lived the higher life here, and while we mourn, it is not without hope and faith in the future.

RESOLUTIONS.

The members of the Y. W. C. A. have adopted the following resolutions on the death of Bessie Cordley:

WHEREAS, Our Heavenly Father has deemed it wise to call from our midst our beloved sister, Bessie Cordley, and

WHEREAS, She was one of the most helpful members of our association, and by her lovely life an inspiration to us all, be it

Resolved, That we, the members of the Y. W. C. A., extend our deepest sympathy to her relatives and friends, and be it further

Resolved, That a copy of these resolutions be sent to the sister of the deceased, and to the M. A. C. RECORD, and also be recorded on the books of the association.

LOUISE REED,
MYRTLE HAYWARD,
Com. on Resolutions.

RESOLUTIONS.

WHEREAS, It has pleased our Heavenly Father to call from this life Emery A. Austin, and

WHEREAS, The deceased was a hard working and beloved member of the Hesperian Society, be it

Resolved, That we extend to the bereaved wife our heartfelt sympathy, and be it further

Resolved, That a copy of these resolutions be sent to Mrs. Austin, and also published in the M. A. C. RECORD.

C. M. GRANGER,
Secy.

RESOLUTIONS.

The Themian Literary Society has adopted the following resolutions on the death of Bessie Cordley:

WHEREAS, Our Heavenly Father has seen fit to call our beloved sister, Bessie Cordley, to her future home, and,

WHEREAS, She was an esteemed and honored member of the Themian Literary Society, be it

Resolved, That we, the members of the Themian Literary Society, do extend our heartfelt sympathies to her brother and sister and friends, and be it further

Resolved, That a copy of these resolutions be sent to the brother and sister of the deceased, to the M. A. C. RECORD, and also a copy be placed on the records of the society.

PAULINA E. RAVEN,
KATHERINE McNAUGHTON,
Com. on Resolutions.

RESOLUTIONS.

Inasmuch as it has pleased Almighty God in his divine providence to take from our midst our loved classmate, Miss Bessie Cordley,

Be it resolved, that we the class of Nineteen Hundred and Four do extend to the bereaved family and relatives of the deceased our heartfelt sympathy in their profound sorrow, and

Be it further resolved that we do hereby express our deep appreciation of the privilege that has been ours of association with this pure and upright character. Her life among us was one of singular beauty and sincerity and in her departure she has left a host of friends, grieved at the blighting of the bright promise of her life—just shown and then withdrawn.

CLASS OF NINETEEN FOUR.

With '08.

Harold Shaw, who played right end in the football team last year, was married about two weeks ago and is now in Chicago working for his brother, who is president of the Chicago Realty Co.

'03.

F. O. Foster has resigned his position as Assistant in Dairying at the Okla. A. and M. College and is in the employ of O. B. Schier & Bro. in their new Hygeia Dairy, Cor. Mt. Vernon Ave. and 27th St., Baltimore, Md.

'03.

Mr. Frank T. Phillips made a brief call at the Forestry Department and on old friends at the College on Monday the 6th. He reports a very interesting year of work in the Bureau and thinks his assignment the best of any man in the Bureau. During the year he made nearly the entire circuit of the U. S. and enjoyed much beautiful scenery along with his work and experienced some hardships incidental to out-door life. He expressed himself as very much pleased with the appearance of things in the Forestry Department and noticed much improvement during the past year. His next assignment is the middle western states. Mr. Phillips is now spending his vacation of a month at his home at Grandville, near Grand Rapids. He expects to take work in Yale in the near future.

G. Masselink gave the commencement address at Brooklyn last week Thursday and spent part of the day at Hillsdale College.

A RECORD OF AMERICAN HUSBANDRY.

The space devoted to an exhibit of the products and processes of agriculture at the St. Louis world's fair will far exceed that devoted to any one industry in any previous exposition. At the Columbian Exposition at Chicago it was the Manufacturers' Building that towered over all other structures. In it was grouped a vast display of the products of all lines of manufacturing enterprise, not only in this country but in foreign lands.

At St. Louis agriculture is given the premier place among exhibits. The Palace of Agriculture, which surpasses in extent all other exposition structures, is 1,600 feet long and will cost over half a million dollars. In all, inside and outside space, more than seventy acres are devoted to the progress and development of the science of husbandry.

Agriculture is not given this prominent place because of a sudden discovery that it outranks all other industries in point of value of product or importance to our national welfare. That it stands first among the industries of man and that all other activities rest upon the tilling of the soil was conceded long ago. It was given first place at this exposition because agriculture was so conspicuously the prime factor in the development of the territory embraced in the "Louisiana Territory."

The suggestion is made that the work of gathering and installing the colossal exhibits of agriculture and horticulture at St. Louis furnishes an opportunity for a comprehensive historical record of the development of American husbandry that should not be lost. The suggestion is worthy of serious consideration. Other expositions have devoted much space to agriculture, but the educational and historical material that was developed in the preparation of the exhibits was never utilized or preserved in such a way as to make it of practical value to American farmers or manufacturers.

In the annals of human progress there is nothing comparable to the story of the development of husbandry in this country. As the display at the St. Louis exposition is to be comprehensive and educational it will provide a wealth of material for the story of American agriculture, which should embrace not only the results of scientific husbandry but the activities that are directly related to the tilling of the soil.—Record-Herald, Chicago.

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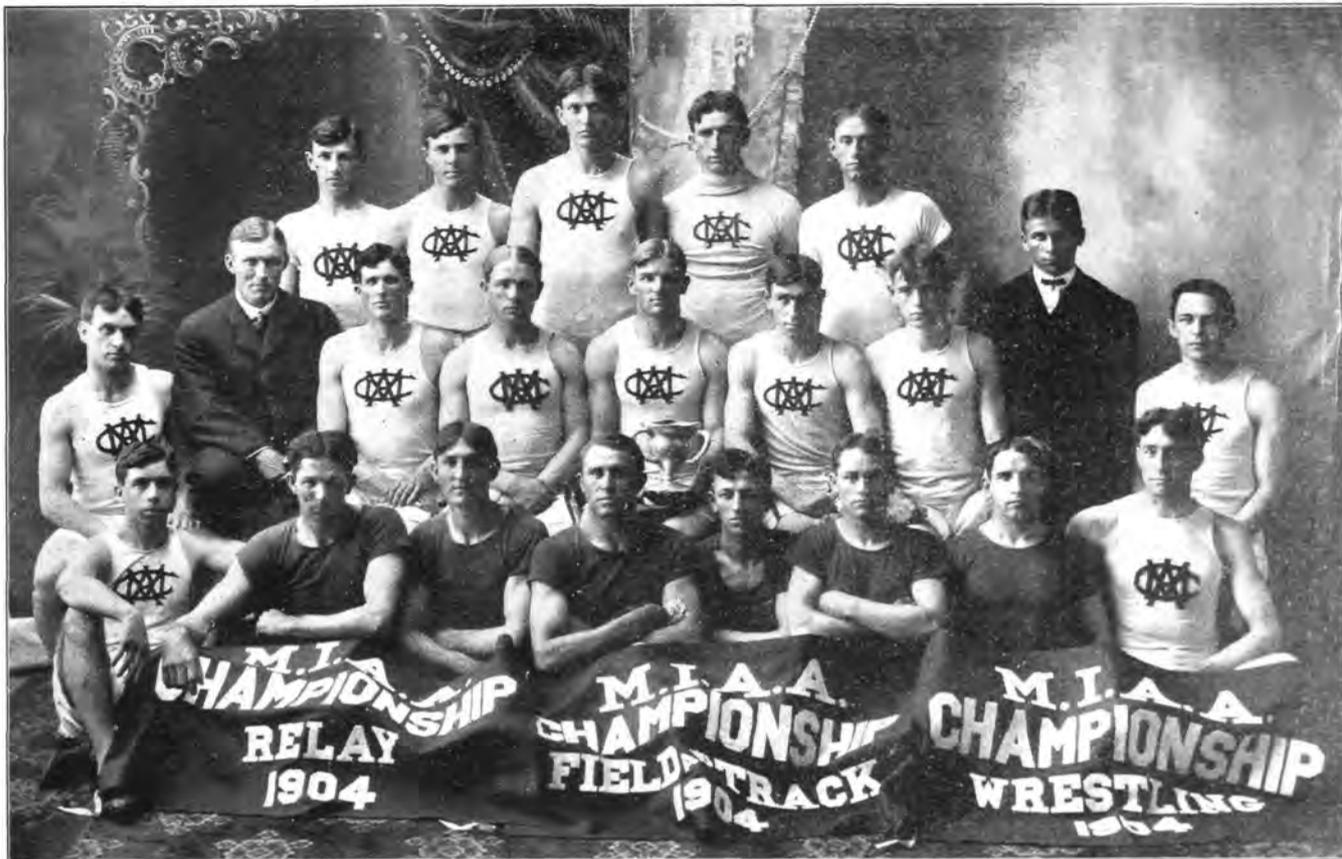
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THE M. A. C. RECORD.



FOOTBALL.

- M. A. C. vs. Notre Dame, 0 to 12
- M. A. C. vs. Alma, 11 to 0
- M. A. C. vs. All-freshmen U. of M. 11 to 0
- M. A. C. vs. Kalamazoo, 11 to 0
- M. A. C. vs. Detroit, 51 to 6
- M. A. C. vs. Hillsdale, 43 to 0
- M. A. C. vs. Albion, 6 to 6
- M. A. C. vs. Olivet, 45 to 0.

TRACK TEAM.

DUAL MEET WITH ALMA.

M. A. C. 56½. Alma 28½.

STATE RECORDS MADE BY M. A. C. IN 1904.

- 100 yds., Moon, 10 sec.
- Pole-vault, Millar, 10 ft. 6 in.
- 220-yd. dash, Moon, 21 4-5 sec.
- Running broad jump, Moon, 22 ft.

FIELD EVENTS.

	M. A. C.	Albion	Olivet	Hillsdale	Alma	Kalamazoo
100-yards	6	3	3	3	3	3
220-yards	8	1	1	1	1	1
440-yards	6	1	1	1	1	1
Half-mile	4	1	1	1	1	1
Mile	4	5	4	4	5	5
Two-mile	4	5	4	4	5	5
120 hurdle	4	5	4	4	5	5
220 hurdle	4	5	4	4	5	5
Discuss.	5	1	3	3	3	3
Shot put	1	3	3	3	3	3
Hammer	4	1	3	3	3	3
High jump	5	1	3	3	3	3
Broad jump	5	1	3	3	3	3
Pole vault	8	1	3	3	3	3
Relay	5	1	3	3	3	3
	64	20	16	14	13	3

IN-DOOR.

M. A. C.	42
Alma	13
Albion	11
Olivet	6
Hillsdale	0
Kalamazoo	0

TOTAL POINTS.

M. A. C.	106
The field	96

The new cement walk running north from the postoffice to the road is finished. Some quadruped walking on his hind legs had to leave his mark while the cement was still soft.

M. A. C. VS. TORONTO UNIVERSITY.

The last game of the season resulted in a victory for M. A. C. over the champions of Canada. Hyde pitched six innings and gave way to Millar in the seventh. Hyde was not in condition to play, suffering from a wrenched hip which prevented all body action in his delivery. Had it not been for this Toronto wouldn't have made over two runs. Millar allowed only one hit and struck out four men. M. A. C. played a snappy fielding game, but the errors were very costly, netting 4 runs for Toronto. M. A. C.'s base running was the feature of the game. Bowditch stole second 5 times and third twice. He ran for Armstrong who was injured in the first inning, but pluckily stuck to his post.

There were 600 paid admissions. The city turned out well, there being quite a few "Cannucks." The Toronto team is composed of fine young men. They were jovial and took defeat without a murmur.

Toronto	AB	R	H	PO	A	E
Stowger c	4	1	3	5	2	1
Williams 1	3	2	0	7	0	0
Robert l	4	3	2	0	0	0
Tripp r	5	0	2	1	1	0
Scott p	4	1	1	0	1	1
Balfour 3	3	0	1	3	0	1
Weldon 2	4	0	1	3	4	0
Biggs s	4	0	0	0	3	2
Ross m	4	0	1	5	0	0
	35	7	11	24	11	5

M. A. C.	AB	R	H	PO	A	E
Armstrong s	3	2	1	0	7	0
Millar 3	4	1	2	3	0	1
Canfield 2	4	0	0	3	4	0
Chapman c	3	1	1	8	2	1
Bowditch l	4	1	1	1	0	0
Burke 1	4	0	1	11	2	0
Ellsworth m	4	0	0	1	0	0
Towner r	4	2	1	0	0	0
Gunnison m	1	0	1	0	1	0
Hyde p	4	1	1	0	2	0
	34	8	9	27	18	2

Earned runs, Toronto 3, M. A. C. 4; 3-base hits, Towner, Millar, Robert 2; 2-base hit, Chapman; Struck out, by Hyde 2, Millar 4, Scott, 5; Double plays, Armstrong to Canfield to Burke, Hyde to Canfield to Burke, Canfield to Chapman to Armstrong to Ellsworth.

Point winners at state meet who were awarded M. A. C. monograms:

- Moon, 21¼; McKenna, 9; Kratz, 7; Graham, R. C., 5¼; Millar, 5; McDermid, 5; Brunger, 5; Fryman, 5; Clark, 5; Belknap, 5; Burrill, 4¼; Balbach, 8; Manning, 6; Small, 3; Martin, 2; Holdsworth, 2; Graham, J. C., 3; Waite, 3; Graham, E. R., 1; Pearsall, 1¼.

ABOUT THE CAMPUS.

A new railing has been added to the stairway leading to the museum.

Supt. Warriner of the Saginaw schools called at M. A. C. last Thursday.

The best of all college publications, the Junior Annual is yours for one dollar.

Miss Margaret McArthur, of Cass City, is visiting her sister, Mrs. G. Masselink.

Miss Patterson of Cleveland is visiting her cousin, Miss Raven of the junior class.

Some of the students in entomology have been making very good collections of insects.

Prof. Sawyer lectured to the senior engineers on Thursday morning on electric wiring.

Examinations are the chief topic of concern this week. College exercises close on Saturday.

The Try and Trust Circle will meet at the home of Mrs. Bogue, Thursday, June 16, at 3 o'clock.

Mr. Covert, of Ann Arbor is spending a few weeks at M. A. C., mounting birds for the museum.

The botanical department is making a collection of seeds and fruits for use in next fall's classes.

Miss Elvine Armstrong visited at the College last Saturday. She will leave for Toledo this week to visit her sister.

Miss Cramer of Mason City, Iowa, is visiting Miss Gilchrist, and Mrs. Gilchrist, her sister. She has charge of the kindergarten department of the Mason City schools.

Messrs. Crawford and Hartwell have been playing a series of tennis

games with the Scrooby Club of Lansing. Honors are about even so far. The decisive games will be played this week.

Instructor Longyear was in Grand Rapids last week investigating some diseases affecting cucumbers raised in the green-houses. Anthracnose and a physiological trouble were the principal difficulties.

The Themian officers for next fall term are: President, Kate Coad; Vice president, Cora Feldkamp; Secretary, A. B. B. Wimple; Treasurer, Mary Pratt; RECORD Reporter, Paulina Raven; Marshall, Gail Westover.

The Hesperian Society elected officers for next fall term as follows: President, G. W. Nichols; Vice-President, W. P. Wilson; Secretary, C. A. Willson; Treasurer, C. M. Granger; Registrar, S. B. Lilly; marshal, J. S. Shaw; RECORD Editor, F. H. McHatton.

Instructor Clark has been taking the students in sugar beet chemistry to the Lansing factory. The machinery and general arrangement were carefully gone over and the prospective chemists introduced to the routine of factory work.

The hogs on the College farm enjoyed a shampoo last Saturday. The entomological department of the experiment station is making tests of various solutions to destroy mange. The hogs were apparently well satisfied especially when it was all over.

Dr. Beal has a new device for collecting plants. It is a valise inside of which are found two tin boxes, one above the other. The lower one is filled first and is the smaller one of the two. It adds a business feature to the collector of plants.

Mr. Blair, foreman of the college farm, has been hustling things this spring. Fifteen acres of land were plowed, fitted, and planted to corn at a total cost of \$2 per acre. There are in all 66 acres of corn, 60 of oats, 60 of meadow, 23 of wheat and 10 acres of soiling. The remainder of the 686 acres is taken up with pasture, woods, station, athletic, horticultural and campus.



M. A. C. FOOTBALL TEAM--1904.

THE YEAR'S WORK IN ATHLETICS.

The past year has been a remarkable one at M. A. C. in many ways. Not only has the class work been of a high order, but we have escaped all serious epidemics. Our death rate has been only three out of a population of about 1,500. Many improvements have been made and progress has been the watchword. In competition with the classical colleges of Michigan we secured third place in oratory and won easily from the Normal College in debate. Our average standing in the oratorical association for the past four years puts us in second place and if the record for the seven years was complete this position would undoubtedly be improved, thus placing us first in oratory. But M. A. C. develops both brain and brawn. Education means service, power to do, power to acquire and to initiate, the control of the impulses, the setting up of a high ideal. We have spoken of our mental triumphs and will now consider the physical, although the two cannot be separated.

The one thing that visitors never fail to notice is the general vigor and robust appearance of our young women and young men. Gymnastics and athletic work are salient factors in this condition. The women have regular work in the gymnasium and while military drill largely takes its place among the men, it should not be forgotten that about 400 took gymnasium work of some sort this year and that over 100 were active candidates for athletic teams and received all the benefit that comes from systematic training. Athletics unite the students and give tone to the whole college community. They advertise the college as nothing else can. Very few institutions are afflicted with strong legs and weak brains at the same time. The best students may not always be the best athletes but a college that has strong athletic

teams is generally strong along scholastic lines.

This year M. A. C. has won the following championships: Football, basketball, baseball, field and track, in-door and relay. This is the first time that any college has done this in the history of the M. I. A. A.

Our record in football is clear. We played every college in the state and did not lose a game. Not a college equalled us in team work or in individual playing and with nine of the old team back, we will hustle things next fall.

In basketball there was practically no opposition among the colleges of the state. Alma was the only one that showed any tendency towards developing a good team. Alma always does her best and is one of the most sportsmanlike institutions in Michigan. She defeated us by a narrow margin in one basketball game and deserves all the credit that victory brings. We lost the game through being crippled and through carelessness. Alma won by hard work and careful playing. While nobody would consider this game a true criterion of Alma's team, it simply illustrates the hare and turtle fable.

For several years M. A. C. has been very unfortunate in her baseball teams. At times it seemed as if everything was coming our way, when, lo, and behold, we could awaken after a certain game, as if from a trance, to find our championship possibilities gone a-glimmering. This year there is a different story to relate. The team grew stronger as time went along, became more a unit and played with more enthusiasms. Petty bickerings were unknown. Everybody played ball every minute and played as well as he knew how. And right here is the secret of the team's success. While we lost to Michigan, we more than evened things up by defeating Wisconsin in a 15-inning game by a score of 3 to 2. We won every championship game played and thus brought home the Bracket cup.

Our wrestlers were on the mat in 15 combats and came off victorious 14 times. Moon alone earned more points in the track events than did Albion, or Alma, or Hillsdale, or Olivet, or Kalamazoo. We simply had things our own way as the following facts will show: 106 points out of a possible 202; 27 of the 54 medals and 17 firsts out of 27. This doesn't leave much comfort for the preachers, but the record will stand and is a monument to M. A. C's pluck, push and perseverance.

This resume would not be complete without a reference to the man who has been quietly at work all the year, and not only knows what to do and how to do it, but who has the ability to keep students interested and enthusiastic. Mr. Brewer had a difficult task before him last fall, but he succeeded, and his success has been the result of hard work. The young men in the various teams have been clean, gentlemanly, and true sportsmen. They brought glory to M. A. C. on the field and did not humiliate her when away from it.

Mr. Close, of Lansing, has also done a great deal to develop our athletes, especially in the line of wrestling. He is popular with the boys and their success in wrestling is proof of his ability.

The various managers and officers of the athletic association have spent a great deal of time in this work, looked carefully after numerous details and have done a great deal of necessary drudgery. They deserve special mention and we believe that the custom in one of the eastern universities of giving monograms to managers is a good one and is worthy of investigation.

While we do not wish to single out any one individual, we believe a word concerning the work of Captain Millar of the baseball team is not out of place. He has been at M. A. C. four years. During this time he has been a leader in football, basketball, baseball, track work, debate and class room. He is one of the best pitchers in the M. I. A.

A. and one of the best all-round athletes. M. A. C. wishes him success in his future work.

BASEBALL.

- M. A. C. vs. Howell, 10 to 5
- M. A. C. vs. Detroit, 12 to 2
- M. A. C. vs. U. of M., 3 to 7
- M. A. C. vs. Albion, 1 to 3
- M. A. C. vs. Kalamazoo, 5 to 8
- M. A. C. vs. Detroit, 4 to 5
- *M. A. C. vs. Hillsdale, 11 to 1
- M. A. C. vs. Alma, 10 to 2
- M. A. C. vs. Olivet, 16 to 7
- *M. A. C. vs. Kalamazoo, 3 to 0
- M. A. C. vs. U. of Wisconsin, 3 to 2
- *M. A. C. vs. Olivet, 15 to 6
- *M. A. C. vs. Alma, 11 to 0
- M. A. C. vs. Lansing, 3 to 2
- *M. A. C. vs. Albion, 9 to 0 (forfeited)
- *M. A. C. vs. Albion, 2 to 1
- M. A. C. vs. Toronto, 8 to 7

*Championship games.



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Mrs. Bogue was assisting in Sunday school conventions at Onondaga and Leslie two days last week.

The M. A. C. Sunday school will convene at 9 o'clock in the morning next Sunday instead of at three in the afternoon.

The students in the Department of Forestry with Prof. Bogue visited the factories and places of interest at Grand Ledge on Saturday last.

The way to kill quack grass is to prevent its forming leaves. Plow the ground late in the fall or early in the spring whatever the condition of soil or weather. Then cultivate the ground every three days till the middle of June with a shovel-toothed cultivator.

The masonic excursion returned at about 3 a. m. last Wednesday morning. The participants were very agreeably surprised by finding street cars at their service. One car ran out to the college with only two passengers. The company was very accommodating and its action is greatly appreciated.

Mrs. Haner leaves for Europe on June 25. She received her diploma from Drexel Institute, Philadelphia, last Friday. She will travel through England, Holland, Germany, Switzerland, Italy and France, and will be back at M. A. C. at the opening of the college year.

Early Wednesday morning the two seniors in the Department of Forestry, G. C. Morbeck and F. H. Sanford with Prof. Bogue, will leave for a trip to the northern part of the Southern Peninsula to investigate the forestry conditions in that part of the state. They expect to be gone the remainder of the week. Free transportation north of Bay City has been furnished by the railroad company.

The Thursday evening meeting of the Y. W. C. A. was lead by Viera Calkins. Subject, "How Silence influences Against Christ." After an interesting discussion of the lesson, the president took charge of the meeting. The different committees gave an account of the work of the term, and the following delegates were elected to attend the coming convention at Geneva: Eva Keeney, Viera Calkins, Cora Feldcamp.

Saturday evening the Sigma Mu Beta Literary Society gave their departing Seniors a farewell spread. L. B. Westerman acted as toastmaster. Toasts were given by B. Wermuth, H. C. Oven of the Junior class, M. J. Dorsey of the Sophomore class, and C. E. Willits of the freshman class. The officers for next fall term are, H. C. Oven, president; J. E. Fisk, vice-president; T. F. Locke, secretary; M. J. Dorsey, treasurer; R. A. Small, marshal; C. E. Willits, warden; G. P. Boomsliiter, RECORD Editor.

The M. A. C. district school closed the most successful year in its career on Friday, June 10. The programs were very unique and entirely hand made. The class officers were, president, Winnie Felton; vice president, Laura Mundon; sec.-treas., Harris Collingwood. The program was successful in every way and consisted of recitations, songs and the class history by Miss Felton. F. C. Kenny, director of the district, presented the diplomas. His remarks were

timely, to the point, and much appreciated. Miss Moran, the teacher, left for her home on Saturday. An effort will be made to re-engage her for next year.

Have you purchased a Junior Annual?

A suggestion has been made along the line of club rooms for M. A. C. people. Upon the payment of a certain fee, any member of the teaching force, and possibly also the seniors, could have the privileges such a club would afford. We don't know each other. Very few members of the faculty know who the teachers in the various departments are. Some don't know them even by name. This should not be. Some means by which all may become acquainted with each other should be devised and put in operation. If a club is the best thing, let us have a club.

Corn affected with the wolf, or little grain moth of Europe, has been sent to Mr. Pettit. This is the first time this pest has been sent in from Michigan. The scientific name, is *TINEA GRANELLA*. The larval form destroys the kernels, and in Europe it is considered a dangerous insect. Mr. Pettit sent specimens to Washington, which were the first of the kind received there from the United States. While it has been mentioned many times in American writings, a careful investigation has either failed to reveal authentic specimens or has brought out some other form with which it has been confused. It is reported as doing considerable damage in corn cribs. A parasite, *Idecthis ephestiae*, was found working on the pest.

The board in the different clubs was audited for this term with the following results: Club A, \$2.40; Club B, \$2.80; Club C, \$1.90; Club D, \$2.72; Club E, \$2.70; Club G, \$2.50; Club H, \$2.32. Club A will run during vacation. The rate will be \$2.75 for members and \$3.00 for non-members. The increase in cost over preceding terms is due to the high prices paid for potatoes and meat.

'03.

Instructor Carrel has accepted a position as draftsman for Whitehead and Kales' Iron Works of Detroit. Mr. Carrel has given good satisfaction in the mathematical department during the past year. The best wishes of his many friends at M. A. C. go with him in his new work.



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