

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 14.

LANSING, MICHIGAN, TUESDAY, APRIL 27, 1909.

No. 29.

## THE MAY FESTIVAL.

The sixth annual May Festival will be held on the afternoon and evening of Friday, May 21st.

The afternoon concert will be a miscellaneous program by the soloists, and should be heard by every one, as it is confidently expected that this will be the finest concert that has ever been given at M. A. C.

In the evening Haydn's wonderful and graceful oratorio, "The Seasons," will be sung. The chorus of about 100 voices is being trained by Mr. Earle G. Killeen, director of the summer session, University School of Music, Ann Arbor. The soloists have been selected with particular attention to their especial fitness to sing the solo parts in the oratorio.

The Festival Chorus, organized a few years ago to benefit its members and the community by studying and performing standard choral works, is made up of about 100 students. Many of the members have had the privilege of training under Miss Freyhofer, which means that experience and knowledge have been brought to bear upon the present work, and that a faithful interpretation is assured. The chorus lacks the common blemishes, false intonation and indecision, and sings with an inspiring freshness of tone and vigor of attack that peculiarly fits the organization to give an artistic performance of Haydn's charming oratorio.

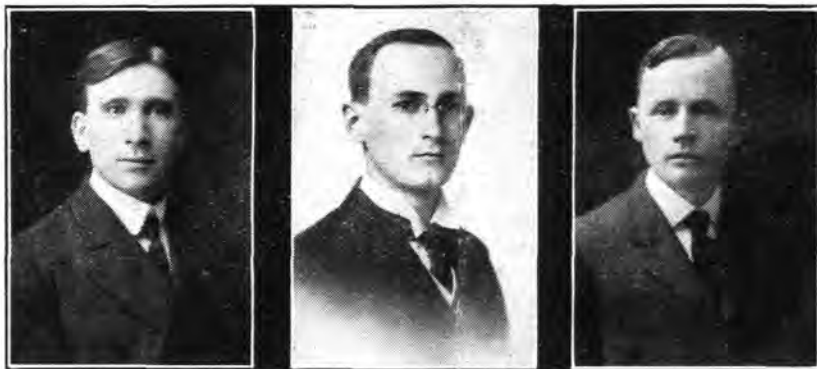
"The Seasons," an oratorio first produced over a hundred years ago, is one of the few choral works of eighteenth century composers which interests modern concert goers. When we consider how greatly musical standards have changed since Haydn's day we cannot but feel that the cause of our interest is worth knowing.

Haydn, though a religious man, was one of the first composers to break away from the influence of the church and establish a style which might be called universal. He also ignored strict contrapuntal traditions, and so impressed his sunny nature upon his music, both vocal and instrumental, that we today catch its charm though clothed in clear melody and simple harmony.

The text, taken from James Thompson's poem, describes the four seasons of the year. Haydn musically "painted" spring, summer, autumn and winter with all the artless realism so characteristic of his age. The solo parts, soprano, tenor and bass, are given numerous solos duets and trios full of the graceful melody in which he delighted, and the choruses range from swinging hunting songs to more involved hymns of praise which display the contrapuntal skill of the "Father of the Symphony."

501.

An Elementary Study of Corn is the title of a bulletin by V. M. Shoemith of the above class, now Associate Professor of Agronomy at the Ohio State University.



E. E. KURTZ.

J. C. DECAMP

C. L. NASH.

The above men constitute the M. A. C. debating team which will meet in joint debate at Ypsilanti with the Y. S. N. C. team on May 15. For two years the M. A. C. team has been victorious, and this year the team will improve every opportunity to keep up the record.

J. C. DeCamp is a junior forester, whose home is in Lansing and who has considerable experience in literary work.

E. E. Kurtz is a junior engineer. He entered the five-year course in fall of 1905 from Blissfield. He is a strong student and speaks in a clear, logical manner.

C. L. Nash is a senior agricultural student from Belding, Mich. He has a good record as a student and should hold his own in debating this important question.

The contest this year promises to be exceptionally good.

## SUMMER SCHOOL ANNOUNCEMENT.

Announcements are now being sent out of the second agricultural summer school, to be held at the college during the four weeks beginning June 28, 1909.

The work of the summer school last year was so satisfactory that it has been decided to repeat it again this year with several additional courses. Courses will be offered for rural teachers, county normal training class teachers, high school science teachers, teachers of agriculture, and several general elective courses.

The plan of instruction will be by regular class instruction, field exercises and excursions, round table discussions, and laboratory practice, and will include work in horticulture, elementary and advanced work in soils, elementary and advanced crops, livestock, ornithology, entomology, plant life, forestry, mechanical drawing, domestic science, domestic art, manual training, psychology and school management.

No tuition will be required of residents of the state, but an incidental fee of \$2.50 will be charged all students, and additional small laboratory fees in some courses.

## FIRST APPEARANCE OF DRAMATIC CLUB FRIDAY NIGHT.

The dramatic club will make its first public appearance of the year in a one act comedy, "Lend Me Five Shillings," under the auspices of the East Lansing Entertainment Course, in the Armory Friday evening. Those who heard the dramatic entertainments last year will recall their excellent character developed under the direction of Prof. King.

The curtain will rise at 8:00 o'clock. Single admission, 15 cents. Season tickets admit.

## ILLNESS KEEPS M. A. C. TEAM OUT OF RELAY MEET.

The unfortunate illness of Bignell at Philadelphia Saturday prevented the team from getting into the big relay in which prospects seemed good for a place well up at the top. Though not feeling well a few days before starting, he was rapidly getting into shape and everything pointed to his being able to make good by Saturday, but the trip proved too much, and as no alternate was sent the team was disqualified. When it was found that Bignell could not run an attempt was made to enter with Oviatt running both the first and last laps, but to no avail.

Chicago won the race in 3:26 4-5, or 2-5 seconds slower than the time made by the M. A. C. team in the conference meet at Chicago last year. Michigan was second; Illinois, third, and Harvard, fourth.

Without knowing the conditions it is idle to predict what might have been the outcome had the M. A. C. team been in shape to compete, yet judging from previous records it seems probable that they would have landed somewhere near the top.

## AN ACT TO PROTECT PUBLIC LIBRARIES.

The librarian wishes to call attention to sections one and two of Act No. 3 of the Public Acts of 1881, as follows:

SEC. 1. *The people of the State of Michigan enact*, That any person who shall, willfully, maliciously or wantonly, tear, deface, or mutilate, or write upon, or by other means injure any book, pamphlet, map, chart, painting or picture, belonging to any public library, or to any library, the property of any literary, scientific, historical, or library society or association, whether incorporated or unincorporated, shall be deemed guilty of a misdemeanor, and, on conviction thereof, shall be punished by a fine of not less than two dollars nor more than fifty dollars, or by imprisonment in the county jail not more than sixty days, in the discretion of the court; and all justices of the peace, in their respective counties, shall have jurisdiction to hear, try and determine, all prosecutions under this Act.

SEC. 2. Any person who shall procure, or take in any way, from any public library or library of any literary, scientific, historical, or library society or association, whether incorporated or unincorporated, any book, pamphlet, map, chart, painting, or picture, with the intent to convert the same to his own use, or with intent to defraud the owner thereof, or who having procured or taken any such book, pamphlet, map, chart, painting, or picture, shall thereafter convert the same to his own use, or fraudulently deprive the owner thereof, shall be punished by a fine of not less than five or more than one hundred dollars, or by imprisonment in the county jail for not more than three months, in the discretion of the court.

## N. E. A. TO BE HELD AT DENVER, JULY 5-9.

The Executive Committee of the National Education Association announces the selection of Denver, Colorado, as the place of meeting for the Forty-seventh Annual Convention, July 5 to 9, 1909.

The railway lines of the Western Passenger Association have guaranteed round-trip rates, with October 31 as the final limit for return, from Chicago for \$30.00.

The lines of the Southwestern Excursion Bureau and of the South-eastern Passenger Association are expected to take action at an early date granting equally favorable rates from their respective territories.

The lines of the Central Passenger Association, the Trunk Line Passenger Association, the New England Passenger Association and the Eastern Canadian Passenger Association have all granted a rate of one and one-half fare on the present basis of rates from all points in their respective territories to be added to the rates of \$25.00 from St. Louis and \$30.00 from Chicago. Tickets at these rates will be on sale June 30, July 1, 2, 3, and will be good for returning until September 1, 1909. This will insure from all points north of the Ohio and Potomac rivers practically the same rate as the one fare for the round trip granted by the same lines for the Denver Convention in 1895.

Arrangements are now under way for combining the rate for the Denver trip with a rate for continuing the trip after the Convention to the Pacific coast, both to Southern California, returning either via direct lines or via Portland and Seattle, and also direct via Salt Lake to Portland and Seattle, and returning either via northern lines or via California. These rates are quite certain to fall between \$62.50 and \$77.50 from Chicago according to the route selected.



# The M. A. C. RECORD

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

W. J. WRIGHT, '04, MANAGING EDITOR

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TUESDAY, APRIL 27, 1909

## VICTIMS OF FOREST FIRES STILL IN NEED.

Though help from all sides flowed in to meet the immediate needs of the victims of forest fires last fall the spring time finds them without seed for this season's crops. All crops were burned in the fires, and now, though most of the farmers have tools and teams to work their farms, there is no seed and no money to buy it with, as all that could be earned during the winter went for food and clothing.

Messrs. Raven and Potts, of the agricultural department, have been investigating the conditions there during the past week and have made the following informal report in a letter recently received by Prof. Shaw.

"Mr. Potts and myself have just got in from a drive among the farmers around here, and we find them in a very bad condition, indeed. They have no seed grain to sow for their spring crops. They have a good soil that will produce oats, peas, barley, clover, timothy, beans and potatoes. They have been hoping that the legislature would lend them seed for their spring seeding, but have got word that they cannot expect it for four weeks. That will be too late to do them much good. They say they will pay for their seed grain this fall when their crops are harvested.

"The men at Metz, where the whole town was consumed by fire, are the worst off of any I have seen yet. They need timothy, June and alsike clover, oats, barley, peas and beans to sow now. They have their plowing done; most of it was done last fall. I was at one place today where the man lost his barns and all his crops, cattle, sheep, hogs and tools; he saved his horses; has 60 acres fall plowed; has no money to buy seed. He told Mr. Potts and myself he would gladly return the seed next fall, or pay for it then.

"At another place they lost all their buildings, live stock, tools and crops, but saved the horses, and their condition is very bad; they have not a thing for seed. It has taken all they could earn this winter to clothe and feed the family. Most of the people here are thrifty, industrious people, and are trying their best to make good under very unfavorable conditions. A little help now, at seeding time, will mean much to these people next winter."

Prof. Shaw will make an effort to see that seed is supplied and is placing the facts before the public through the newspapers of the state.

Pres. Howard Edwards, of the Rhode Island Agricultural College, formerly Professor of English and Modern Languages at this college, was a college visitor Friday.

## ENGINEERING THESES.

The engineering seniors have selected and are working on the following thesis subjects. This work is a regular part of the work of the engineering department, and must be satisfactorily done before graduation.

Surveying, Plotting and Determining Street and Sewer Grades of Capitol Heights in City of Lansing, Michigan—L. C. Smith.

Tests of Modern Incandescent Lamps—A. B. Stirling, B. H. Anibal.

Development of Water Power on the Rifle River, Ogemaw County, Michigan—L. H. Belknap, L. V. Belknap.

Water Proof Compounds for Concrete—W. H. Hartman.

Investigation of a Reinforced Concrete Drain—J. J. McDevitt.

Investigation of a Reinforced Concrete Arch—C. Dunlap, F. K. Webb.

The Construction of the Electrical Department Oscillograph and Tests Made with Same—G. H. Allen.

The Building of an Interpole Variable Speed Motor and the Testing of a Lincoln Variable Speed Motor—W. R. Stafford, F. H. Valentine.

A Central Heating, Lighting and Power Plant (City of 3,000 Population)—G. B. Kamps, C. Greenhoe.

Precise Leveling—F. Parker, C. C. Cobb.

Electric Railway Between Haslett and Williamston—J. E. Robertson, R. A. Murdock.

Test of Heating Coils—O. W. Fairbanks, M. R. Bowerman.

Design, Construction and Test of a 7½ H. P. Rotary Converter—O. W. Fairbanks, F. H. Kierstead.

Re-Design of the Bijou Block in Reinforced Concrete—D. L. Boyd, W. N. Moss.

The Design of a 12 H. P. Alternator to Run at 4,000 R. P. M.—J. H. Kline, L. L. Perkins.

Determination of the Amount of Water Used per Unit of Electrical Energy Generated at the Michigan Power Company's Hydro Electric Plant, Lansing—H. H. Harrison, W. D. Frazer.

A Partial Test of the Electrical Condition of the M. U. R. in and About Lansing—N. B. Hubbard, C. L. Emery.

Wiring Specifications and Diagrams for New Agricultural Building—B. L. Clark.

Investigation of Problems Involving Engineering Practice in the Construction of New Agricultural Building—R. L. Kurtz, C. W. Lapworth.

Electrical Power Development in Michigan—J. R. McCadie, R. R. Lyon.

A Study of Steam Engine Performance Under Variable Load—F. E. Wood, F. Taylor.

Regenerative Heating and Ventilation—S. S. Fisher, K. E. Hopphan.

Testing of Paving Brick—W. J. Baumgras, F. H. Dains.

Test of Alternator—F. F. Burroughs, C. G. Gorton.

Test of the Michigan Power Company's Hydro Electric Plant at Piatt's Dam, Lansing—A. Sobey, H. C. Pratt.

Commercial Test of a Steam Engine—Z. E. Colby, B. Jerome.

Investigation of the Crushing Strength of Corrugated Culverts—G. H. Stephen, R. R. Lyon.

Analysis of the Belle Isle Bridge—O. A. Pokorney, N. McCullough.

The University of Minnesota has recently come under the provisions of the Carnegie Foundation Fund. Two of its professors will soon retire on the pension thus provided.



HENRI ERN,

VIOLINIST, WHO WILL PLAY AT THE MAY FESTIVAL

Henri Ern, violinist, was born in Dresden, Saxony. His father, Adolph Reichel, was a famous pianist, composer and conductor. His mother, Marie Von Ern, was a noted Russian pianiste. In his earlier youth Henri received a thorough musical education, and at the age of nine won the free scholarship at the Dresden Conservatory, where he studied with Leopold Beassin, then with Earl Jahn. He later studied with Joachim and Ysaye, and is considered by many to be one of the world's greatest virtuosi. Mr. Ern will play only at the afternoon concert.

Henri Ern, that consummate artist, played the violin in magnificent style. His technique was sure and clean, his tone of ravishing beauty, but over and above all that, there was a nobility and exaltation about his playing that impressed all hearers, musical and unmusical alike, and roused them to the most genuine and wholesome enthusiasm. — Toledo, Ohio, *Blade*.

Mr. Ern's group of solos were played as only a master of the violin can play, and he was most enthusiastically received at the Salle Berlioz last evening. — *Le Guide Musical*, Paris.

## BIRD ARRIVALS.

The following species have been noted since April 10:

April 11, fox sparrow and hermit thrush.

April 15, brown thrasher, white-throated sparrow, myrtle warbler (yellow-rumped warbler), and sparrow hawk.

April 17, palm warbler (yellow red-poll warbler), and field sparrow.

April 18, purple martin and ruby-crowned kinglet.

April 21, winter wren.

April 25, goldfinch.

While the number of species arriving from the south has not been large, the increase in individuals has been noteworthy. Only two species of winter birds, the redpolls and tree sparrows, have gone north, while blackbirds of four species, sparrows of five species, and several woodpeckers, warblers and thrushes have become very abundant. The fox sparrow was unusually abundant during the week ending April 21, although this is usually a rare species with us. During the last three or four days the two species of kinglet have been very abundant, coming in large numbers from the south. A few golden-crowned kinglets always winter with us, but the hundreds now seen daily are all migrants, as are also the ruby crowns.

East Lansing, April 26, 1909.

Esperanto is to be added this fall to the courses of study in the Massachusetts Institute of Technology and also in Clark College, Worcester. The Ohio state senate, at the last session, passed a bill for the introduction of Esperanto into the high schools of that state.

## ALUMNI

'75.  
F. J. Annis is senior member of the firm, Annis & Stow, attorneys, Fort Collins, Colo.

'80.  
F. A. Gulley is with the Cincinnati, Georgetown & Portsmouth Ry. Co., Detroit. His address is 1018 Ford Bldg.

'82.  
A. J. Chappell is superintendent of the Carson City, Mich., public schools.

'83.  
E. P. Clarke is superintendent of the St. Joseph, Mich., public school.

'85.  
E. R. Lake is professor of botany and forestry at the Oregon Agricultural College, Corvallis, Oregon.

T. D. Hinebaugh is a practicing veterinarian at Tower City, N. D.

'87.  
E. W. Redman is senior member of the firm, Redman & Thomas, dealers in brick and tile, Ithaca, Mich.

'88.  
H. B. Cannon is a prosperous farmer at Rochester, Mich. He is proprietor of the Walnut Knolls farm.

F. J. Free is at St. Marys, Ohio.

Henry Thurtell is professor of mathematics and mechanics at the University of Nevada.

'89.  
Wm. Lightbody is principal of the Higgins high school at Detroit, Mich.

'91.  
Clayton Cook is corresponding secretary for the Michigan State Association of Farmers' Clubs. Address Owosso, Mich.

'92.  
Wm. P. Hawley is professor of Mechanical Engineering at the Lewis Institute, Chicago.

'93.  
D. S. Cole is a Mechanical Engineer at Grand Rapids, Mich.

E. M. McElroy, Supt. of Schools at Coldwater, Mich., was a college caller last week.

'94.  
S. F. Scott is at Twin Falls, Idaho.

'01.  
The college has granted Prof. H. P. Baker leave of absence for eighteen months, from July 1, 1909, until Dec. 31, 1910, for study and travel along the lines of forestry. With his family he will sail late in June for Germany, and will spend part of the summer in northern Germany and Austria. In October he will enter the University of Munich for two semesters' work in silviculture, forest management, forest economics, and ecology. During the year in Europe he plans to visit Norway and Sweden, and spend some time in France and Spain. Late in the summer of 1910 he expects to go to India for two or three months, and will spend some little time in Java, the Philippines, Japan, and perhaps Hawaii. — *Penn. State Farmer*.

'02.  
M. B. Stevens is superintendent of Kearns' ranch, Kenwood, Cal.



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## ABOUT THE CAMPUS

Prof. King expects to move his family into their new home this week.

Mrs. C. L. Brewer returned Thursday after a winter's sojourn in the Adirondacks.

Prof. Ryder was unable to meet his classes for a few days last week on account of illness.

Dr. Beal will speak before the Horticultural club tomorrow (Wednesday) evening on M. A. C. graduates in horticulture.

The debating team were at Albion Friday night to listen to a debate on a question similar to the one to be debated with Ypsilanti.

Robt. Holdsworth, junior agr., has received a preliminary appointment from Congressman S. W. Smith to West Point. He will take the examinations and try for the place.

The recent report of the United States Bureau of Education shows that a boy with a common school education has practically one chance in 9,000 of general recognition as a successful man in some department of human endeavor and usefulness. A high school education increases his chances of such success by about twenty-two times, while a college education gives a young man about ten times the probability of success and advancement possessed by the high school graduate, or about two hundred times the opportunity open to a boy with only a common school education.

Alma is scheduled for a game on college field Friday afternoon.

**SENIORS.**—Let me figure on your typewriting for thesis work. Call or write D. G. HACK, room, Satl-marsh.

On account of the many near accidents, Alma College faculty have forbidden canoeing unless the students have parental permission.

At the Y. M. and Y. W. C. A. reception Saturday evening nearly two hundred were present and enjoyed a delightfully pleasant social evening. A short musical program was given, consisting of a piccolo solo by Mr. Martin, selections by a quartet of young men and selections by the Scrooby club orchestra. After the program, the guests were given programs for a "left-handed acquaintance." Refreshments were served during the evening.

The new State Board of Agriculture which was elected last fall will not organize, if the bill now pending before the state legislature becomes a law, until January 1st, 1910. The members are as follows: For six year term: I. R. Waterbury, of Highland and William H. Wallace, of Bay Port. For the four year term: Robert D. Graham, of Grand Rapids and Alfred J. Doherty, of Clare. For the two year term: William J. Oberdorfer, of Stephenson and William L. Carpenter, of Detroit. All are members of the present board except Mr. Carpenter who is also an alumnus graduating with the class of '75.

A scholarship fund of \$50,000 has been given to Whitman College.

Lansing will soon have the distinction of being the greatest gas motor producing city in the country.

The Feronians gave a party in their rooms Saturday evening. Instructor and Mrs. Stott were chaperones.

The average expenditure for school purposes in the United States during the year 1900 was \$21.14 per pupil.

The literary program at the Columbian Literary Society Friday night was given by the resident graduate members.

The Indiana legislature has recently increased the annual maintenance appropriation for the Purdue Experiment Station from \$25,000 to \$75,000.

Mrs. Snyder, Mrs. Brown and Dean Gilchrist entertained about 45 of the wives of state officials and legislators who are in the city, at the Women's Building Wednesday afternoon. After a brief reception the ladies were shown through the building, and were then entertained in the parlors by a musical given by Miss Freyhofer, Mrs. Woodman, Miss Hopson, Miss Herbert, and Miss Mary Allen. Refreshments were served in the small dining room. On account of the illness of her son, Malcolm, Mrs. Brown was unable to be present, her place being taken by Miss Dorothy Brown.

### A "PLAYFUL" FANTASY.

"Ben Hur" while "Coming Thro' the Rye,"

"A Melting Pot" he saw;  
"A Broken Idol" lay close by,  
Protected by "Jack Straw."

I'm "Paid in Full" he loudly cried,  
And dashed to "Happyland,"  
Where "Little Nemo" sat beside  
"King Dodo" hand in hand.

The "Royal Family" gathered 'round,  
To hear the "Yankee Prince,"  
When lo! like "Wildfire" came a sound,  
'Nough to make a "Squaw Man" wince.

The "Man on the Box" came rushing in,  
"Brewster's Millions" in his hand;  
'Ho! Ho!" he cried, "I have found  
'East Lynne"  
In old 'Bandanna Land."

"King Dodo" rose, and from kingly throne,  
"Via Wireless" summoned "King Lear,"  
And sent him post haste for the "Man From Home,"  
Who resided at Sommermeer.

But when "Ben Hur" with angry frown,  
Heard "Jack Shepherd" loudly say:  
"'A Knight for a Day' has come to town  
By 'The Road to Yesterday.'"

He grabbed a dish full of lemon ice cream,  
And hurled it at the mob;  
When here, I awoke, it was all a dream,  
I enjoyed in "The Land of Nod."—  
The Kamian, Mont.

# ATHLETICS

MICHIGAN 8—M. A. C. 3.

In one fatal inning, the sixth, Michigan drove in five runs in Saturday's game and safely tucked away what at other times was a close, scrappy game.

The game started briskly, Mills getting a three base hit and scoring on Harrison's long fly in the first inning. In the second Michigan scored twice and in the fourth Bush was hit, Mills running for him. Peterson sacrificed, advancing him to second, and L. V. Belknap hit out a two bagger forcing him home and tying the score.

In the sixth things happened. Enzenroth was fanned, and Blanding, stepping in front of the ball, was hit and went to first. Peterson, far from being in his usual form, walked Sullivan, and Fountain reached first on a hit filling the bases with one out; Mellon bunted, reaching first safely, Blanding scoring on a poorly handled throw home, the bases still being full. Lathers then came to bat and hit the leather a terrific swat for three bases bringing in the three runs, and himself scored on a long fly by Olson.

This ended the inning but the damage had been done. M. A. C. forced in another score in the sixth, and Michigan another in the seventh, making a total of 8 to 3, which constituted the scoring for the game.

One noticeable feature of the game was M. A. C.'s brace in the hitting department. Where, only a week before, the locals were unable to get a single hit off Sanford's comparatively easy delivery eight were made off the speedy Blanding, three of which were for extra bases. L. V. Belknap was easily the star, getting three hits and fielding a perfect game. Peterson was decidedly off color, allowing six bases on balls. Mills played his usual steady ball, figuring in a hit for three bases early in the game.

## SUMMARY.

### MICHIGAN

	R	H	PO	A	E
Sullivan, c f	1	1	0	2	0
Hill, 2 b	1	0	1	0	1
Mellon, 1 f	1	0	1	0	0
Lathers, 3 b	1	3	1	2	0
Olson, r f	0	0	2	0	0
Dunne, 1 b	0	0	12	0	0
Fountain, s s	1	3	2	0	0
Enzenroth, c	1	2	6	0	0
Blanding, p	2	1	1	7	0
Totals	8	10	26	11	1

### M. A. C.

	R	H	PO	A	E
Mills, 2 b	1	1	2	3	0
Baker, s s	1	1	2	3	0
Harrison, 1 f	0	1	1	1	0
Busch, 3 b	1	0	0	1	1
Peterson, p	0	1	1	4	1
L. V. Belknap, c f	0	3	5	9	0
L. H. Belknap, r f	0	0	0	0	0
Crissey, c	0	0	9	0	0
Orr, 1 b	0	0	9	0	0
Patterson, 1 b	0	0	0	0	0
Totals	3	7	29	12	2

Michigan 0 2 0 0 0 5 1 0 0—8  
M. A. C. 1 0 0 1 0 1 0 0 0—3

Runs—Mills, Baker, Busch; Sullivan, Fountain, Mellon, Lathers, Hill, Enzenroth, Blanding, 2. Hits—Off Peterson, 10; Blanding, 7. Two-base hits—L. V. Belknap, Peterson, Fountain. Three-base hits—Mills, Lathers. First base on balls—Peterson, 6; Blanding, 1. Hit by pitcher—Peterson, 3; Blanding, 1. Struck out—Peterson, 5; Blanding, 5. Umpire—Dinsmore.

## OUR FIRST SHOWING

OF

## New Spring Suits, Skirts, Waists

Beginning Monday morning, February 1st, we will show all the latest, newest and best styles in Women's and Misses

## Early Spring Suits, Skirts and Waists

Every new style and color will be here in this, our first, great showing. Special prices at this, our first, GRAND SHOWING.

Suits at	-	-	-	\$18.00	\$20.00	\$25.00	\$40.00
Skirts at	-	-	-	3.98	5.00	7.50	10.00
Waists at	-	-	-	1.00	1.50	2.00	3.00

**Cameron & Arbaugh Company**

M. A. C. 8—CULVER 3.

In the first trip of the season rain spoiled one game, but at Culver the team got in some practice, defeating the military boys by a score of 8-3. Bush pitched his first game for the olive green striking out seven men. M. A. C. got nine hits, in which department L. V. Belknap figured conspicuously.

At Notre Dame no game was played on account of rain.

## THE TECHNICAL CLUBS

Brief Reviews of the Meetings

### FARMER'S CLUB.

Prof. W. H. French addressed the Farmer's Club last Tuesday evening on the subject of agricultural education. He told of the success his department is having at North Adams, where forty men are taking the agricultural work. This is the first high school in the state to adopt this course, and the interest shown in it demonstrates that agriculture as a science can be taught in the schools. Prof. French prophesies a brilliant future for this work, and considers it only a question of a short time before so many schools will be ready to introduce the course that there will not be enough competent teachers to meet the demand. He also gave a practical talk on the ideal a college man should keep before him when he goes back to the farm, and of the opportunities he has to be a help in his community if he goes at it in the right way.

## EAST LANSING TO HAVE "CLEAN UP" DAY.

Mayor Gunson, of East Lansing, has issued the following proclamation:

"Believing that the character of a community is accurately reflected by the condition in which its streets, parks and yards are kept, and that its freedom from disease is in direct ratio to its freedom from dirt, I, Thomas Gunson, mayor of East Lansing, Michigan, proclaim Saturday, May 1, as a general cleaning up day.

"Each citizen is requested on or before that date to gather the winter's accumulation of ashes, tin cans, empty bottles, and the like, and to deposit them in the street adjacent to his premises, to be gathered and disposed of.

"I also request that other rubbish be burned, and that a general spring yard cleaning be undertaken."

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## F. N. BOVEE

## Optician - Photo Supplies

INGERSOLL BLOCK

Washington and Michigan Aves.

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IN OUR

## NEW LOCATION

111 Grand Avenue, South,

## ALLEN PRINTING COMPANY

Both Phones

## ALL MEATS...

May look alike to you, but there is a very great difference in the quality we handle and that sold by some other markets. We handle none but the very best. Like the pudding, the proof of good meats is in the eating. A trial will convince you that you ought to trade with us. We make daily trips to the College.

BOTH PHONES. Careful attention given to phone orders.

Gottlieb Reutter.

322 Washington Ave. South.

## DIRECTORY

LANSING BUSINESS AND PROFESSIONAL MEN.

The names in this Directory, as well as those of all our other advertisers, are of reliable parties. We hope that the faculty and students will take pains to patronize those who patronize us.

## BARBERS.

COLLEGE BARBER SHOP.—Three chairs. Andy—Chas.—Ernie—where all the fellows get their work done, in new Bath House.

## BOOKS AND STATIONERY.

A. M. EMERY, 116 Wash. Ave. N. Books, Fine Stationery, Engraved Calling Cards, Fountain Pens, Pictures, Frames, Fine Framing a Specialty. Up-to-date styles.

## BOOTS AND SHOES.

GRANGER & GULLETT.—Boots and Shoes. We shoe the students. See ad.

## BOOK BINDERS.

GEO. G. BLUDEAU & CO.—Bookbinders, account book makers, paper ruling, library and fine art bindings, file boxes, map mountings, albums, pocket books, etc. Citizens phone No. 56. In City National Bank Building.

## CLOTHING.

LOUIS BECK.—Clothing, Gents' Furnishings, Hats and Caps, 112 Washington Ave. North.

## CROCKERY AND GLASSWARE.

H. H. LARNED.—China, Glass & Lamps, 105 Washington Ave. S.

## DENTISTS.

J. E. STOFFER, D. D. S. Office 301 City National Bank Bldg. Citizens phone 1049. Former M. A. C. student.

N. H. MOORE, D. D. S. Office 411-413 Hollister Building, Lansing, Mich. Citizens phone 275.

R. W. MORSE, D. D. S. Hollister Block, room 517. Citizens phone 52. Bell phone 396.

D. E. PARMELEE, Dentist, 117½ Washington Ave. S., Lansing, Michigan. Automatic phone, office 3402; residence, 3403.

## DEPARTMENT STORES.

CAMERON & ARBAUGH CO. Largest and best lighted store in Lansing.

## DRUGGISTS.

ROUSER'S CAPITAL DRUG STORE. Up to date. Corner store. Opposite Hollister Block.

ROBINSON DRUG CO., successors to Alsdorf & Son. Drugs and Druggists' Sundries, 102 Washington Ave. N.

## DRY GOODS.

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## ELECTRICAL SUPPLIES.

CAPITOL ELECTRIC ENGINEERING CO.—Electrical Supplies and Toys, Telegraph Instruments, Students' Lamps and Extension Cords, 117 Michigan Ave. E.

## FURNISHING GOODS.

ELGIN MIFFLIN.—Ladies and Gentlemen's Furnishing Goods. See ad.

## FURNITURE DEALERS.

M. J. & B. M. BUCK.—Furniture, Corner Washington Ave. and Ionia Street. See ad.

## HACK AND BAGGAGE LINES.

ORDER YOUR HACKS for parties at Carr's Hack Barn. Livery in connection. 410 Washington Ave. N.

## HARDWARE, STOVES & TINW'RE.

NORTON'S HARDWARE.—General Hardware, Tinware, Graniteware, Cutlery, Stoves, etc., 111 Washington Ave. S. See ad.

## ICE CREAM, SHERBET AND ICES.

DAVIS & CO., 127 Michigan Ave. E., make all kinds of Fancy Ice Cream, Sherbet and Ices. Both Phones.

## JEWELERS.

CHAS. A. PIELLA.—Jeweler and Optician, 121 Washington Ave. N., Lansing, Mich.

LEAVE your Fine Watches and Jewelry with J. J. Heath for repairs. He will please you.

## MANICURE AND HAIRDRESSING.

MRS. O. T. CASE.—Manicure and Hairdressing Parlors. Masquerade wigs for rent. Switches made of cut hair or combs. The France-American Hygienic Toilet Requisites a specialty. New phone 118. 222½ Washington Ave. S., up stairs.

## MUSIC, PIANOS, ETC.

GRINNELL BROS.—Pianos, Organs and everything in the line of music, 219 Washington Ave. N.

## OCULISTS.

CHAS. G. JENKINS, M. D.—Diseases of Eye, Ear, Nose and Throat. Hours, 9 to 12 a. m. and 2 to 5 p. m. Citizens phone 1630. Rooms 203-204 Prudden Block.

JOSEPH FOSTER, M. D.—Eye, Ear, Nose and Throat. Hours, 9 to 12 a. m.; 2 to 4 p. m.; Sundays 12 to 1; Evening 7 to 8. Corner Allegan St. and Capitol Ave., Lansing. Both phones.

## PHYSICIANS.

DR. H. W. LANDON.—Office and residence M. A. C. Office hours from 7 to 8:30 a. m. and 12:30 to 2 and 6:30 to 8 p. m. Sunday office hours, 4 to 5 and 7 to 8 p. m. New phone 1590.

DR. OSCAR H. BRUEGEL.—Hours, 7 to 8:30 a. m.; 2 to 4 and 7 to 8 p. m. Sundays, 12 to 1 and 5 to 6 p. m. East Lansing, Mich. Citizens phone 1592.

## PLUMBERS.

SHIELDS & LEADLEY.—Plumbing and Heating, 300 Washington Ave. N., Lansing. Both phones.