

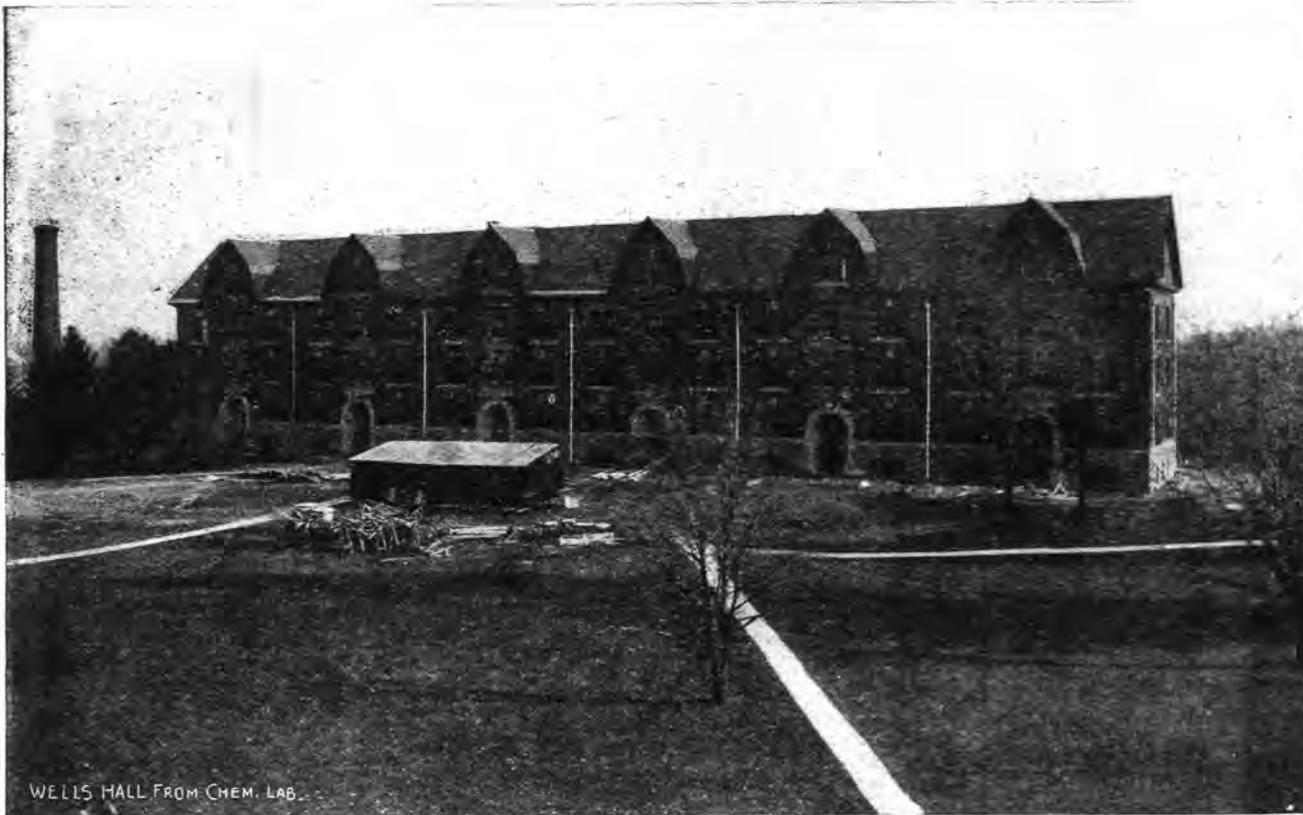
The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 11.

LANSING, MICHIGAN, TUESDAY, APR. 17, 1906.

No. 30



WELLS HALL FROM CHEM. LAB.

NEW WELLS.

We take pleasure in presenting to the readers of the RECORD this week a cut of new Wells hall. This fine dormitory has been erected on the site of the old building, a fact which some of the "old boys" will at once recognize.

The building is of red pressed brick with limestone foundation. The water table, arches and trimmings are of cut stone, the arches being neatly carved. The total length of the hall is 250 feet by 38

wide and is divided into six wards, the white lines in the picture showing the divisions. The building will accommodate 156 students and, we might add, these will probably consist of juniors and seniors in the main, as these classes will have first choice of rooms for the coming year. The basement will be given up to the large kitchens and dining rooms, and living rooms for the help. The dinning rooms will accommodate in the neighborhood of 200 students which will relieve the crowded conditions along that line

so often experienced at the opening of the college year. On the first three floors will be found rooms for the students, and the fourth is divided into six suites of rooms which will be turned over to the literary societies of the college. There are a number of these societies now without permanent quarters and these rooms will certainly be appreciated.

The hall is to be ready for occupancy next September and will be fitted with every modern convenience.

Y. W. C. A.

Miss Florence Barlow conducted the Thursday evening meeting. She spoke of the opportunities open to us for the coming year and gave a very interesting talk.

Y. M. C. A.

Arthur Wilcox conducted the Thursday evening meeting. After a few remarks upon the subject, "The Bread of Life," the leader left the meeting for open discussion. It is encouraging to note the interest which the new men show in these meetings. Quite a goodly number of the Y. M. and Y. W. C. A. members gathered at 6:30 in the chapel Sunday morning, for special Easter services. The meeting was helpful to all that attended.

Rev. Minty delivered an interesting Easter sermon at the regular chapel exercises Sunday morning. The anthem sung by the choir was exceptionally good. E. N. Bates also gave a solo.

Sunday evening, Mr. Johnson who is secretary of the Lansing Y. M. C. A., talked to the union meeting. Mr. Johnson is a wide awake Y. M. C. A. worker and his remarks were eagerly listened to by the audience Sunday evening. A solo was sung by Mr. Glazier.

HORT. CLUB.

The Hort. club on Wednesday April 11 were favored by a talk by Mr. C. J. Monroe who spoke on the subject "Horticulture in Texas." Mr. Monroe described in particular Mr. Rolland Morrill's Texas ideal peach farm. This farm consists of 250 acres. Mr. Monroe exhibited several pictures illustrating the uniformity of size of trees, the straightness of the rows and the excellent stand there being no missing trees noticeable.

SENIOR ENGINEERING SOCIETY

Prof. Sawyer talked to the Senior Engineers Wednesday evening on "The Application of Electricity to Railroads." He explained fully the step-by-step development of the electric railroad, and the relation of each step to its present perfection. Before the adoption of the present trolley system, storage batteries were relied upon for power to propel cars. Then came the trolley, and finally the third-rail.

The introduction of the alternating current motor is an important step in railway advancement. It makes possible the use of alternat-

ing currents, which can be economically transmitted over long distances. Electric locomotives are greatly needed in tunnels and for carrying trains to city limits, on account of their smokeless characteristics, and it is a question whether, in time, they will succeed the steam locomotive or not.

According to the constitution of the society junior engineers are now eligible to membership and they are cordially requested to join as soon as possible in order that they may become familiar with the proceedings and arouse interest to perpetuate the society.

'97.

The April number of the Journal, American Chemical Society, contains a very interesting article on the examination of writing inks by L. S. Munson, chief of contracts laboratory, Bureau of Chemistry, Department of Agriculture.

'96.

Invitations have been issued for the wedding of J. E. W. Tracy, of the above class, and Miss Elizabeth Votey, daughter of the inventor of the pianola. The wedding will take place at Summit City, N. J., on May 9.

ALUMNI.

'68.

"Dear Mr. RECORD:

"You keep coming as a very welcome guest each week, and as soon as I think of it I will send you 50c for your trouble. I recently received a letter from my old chum and classmate of '68, S. M. Tracy, of Biloxi, Miss. He is all on fire about next year's alumni meeting. Says we *must all be there*, especially as our class was the first to start these gatherings. As I remember it, our class was the first to start a college paper. Beasley, Burton, Davis and Tracy, as also the writer, used to take a hand as editor. Occasionally some of us wrote machine poetry until Dr. Kedzie told the first named to 'write such poetry only when he could not write a word of sense in prose.' That remark silenced the poetry. The first three of our class above named and the good old doctor have passed over the river. Sam tells me that W. A. Wells (Friday) is at Corning, Ark., where he strided some years ago. Harrison is at Kalamazoo, Place at Ionia, probably, and Gully still at Storrs, Conn., from whom I occasionally hear about the big show at M. A. C. next year." JOHN SWIFT, '68.

Mr. Swift states that his father moved from Wayne county in 1857 via the Detroit, Howell and Lansing Plank Road, and he saw the first two building, "College Hall as it now stands and Saints' Rest, named by us '68 fellows perhaps because only saints could endure the 'cimex lactularious' and rest at all." Mr. Swift mentions many amusing incidents of his college life, and closes by hoping that the memorial building proposition may go briskly on, and that a large per cent. of the old college men may meet at M. A. C. in 1907.

'02.

The following in the form of an announcement has just been received by the RECORD: The marriage is announced of Katrina J. Kelly of Toronto, Ontario, to Dillman S. Bullock of Lapeer, Michigan, at the Araucanian Mission, Maquehue, Temuco, Chile, on Thursday, March 1st, 1906. At home, Boys' School, Quepas, March 15, 1906.

'05.

H. C. Oven has accepted a position with the seed firm of J. C. Vaughan, Chicago. This firm has several seed farms in the state and Mr. Oven is located near Owosso.

with '07.

A letter from J. H. Hanselman, under date of March 31, tells of his work as chemist for a cane sugar factory at Arroyo, Porto Rico. Little attention, he states, is paid to losses, labor is so cheap and cane so plenty. Ten per cent. extraction from the cane is considered good work, while 90 per cent. from beets in this country is expected from the sugar factories.

THE M. A. C. RECORD.

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

B. A. FAUNCE, MANAGING EDITOR

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TUESDAY, APR. 17, 1906.

ATHLETICS.

The first practice game of the season was played Wednesday of last week with Lansing H. S. As a whole the players showed up well for the first game, the hitting being especially good. Of those who show improvement over last year are Boyle, Armstrong, Canfield, and Nies. Others used in the game from whom we should be able to get players to fill out the team were: Thatcher, Ellis, Akers, Harrison, Hitchcock, Kratz, Dixon and J. Boyle.

The features were the hitting by M. A. C. Thatcher drove out one two and one three base hit, Canfield a three base, and Akers and Armstrong each a two base hit.

Batteries for H. S., Millard and McKale. M. A. C. Boyle c, Nies, Akers and Nelson p. Final score 11 to 2 for M. A. C.

The team goes to Albion Friday of this week where a practice game will be played. Albion has several of her old players back and will doubtless have her usual strong aggregation of players.

The track men have been doing some work the past two weeks, but this week start out on a regular plan and try and round into shape by May 12 when they meet Armour Inst., on the latter's grounds. There is an unusual amount of interest and willingness to work on the part of all the candidates. We are without stars this year and the men realize that all have an equal chance to make a showing. More places are open than ever before on the team, probably the only sure point winner on the team being "long distance Waite."

OLIVET—M. A. C.

Two games were played with Olivet on Saturday, the first resulting in a victory for the visitors, 7 to 4, while M. A. C. took the last game by a score of 5 to 2. In spite of the cold disagreeable day, both teams played well and show that they will be stronger than the average intercollegiate team. For the amount of work they have had our team showed up exceptionally well individually. Olivet, on account of having fewer candidates and prac-

tically all of last year's team intact, showed better work than the home team. M. A. C. had a large number of candidates to try out and Saturday was practically the first time that these nine men had played together. Olivet put up an exceedingly clean, fast game. Chiesman played 2nd in the first and pitched in the second, putting up a star game in both positions, while Weed at third made some excellent stops.

For M. A. C. all of the old men showed their usual good form, the new players also playing good ball. Ellis at left field, while not being particularly busy in his position proved that he knew the game. Kratz at 1st, although showing inexperience in the fine points of the game, played a creditable game and promises to be a "commer." Akers, while loosing the first game as pitcher, gives promise of becoming a good running mate of Nies. He allowed the visitors only five hits and except for his wildness did good work. Bird at 1st did good work. In the first game (7 to 4 for Olivet) M. A. C. outhit the the visitors, but the latter were fortunate in getting their hits and bases on balls at the right time. The second game was a walk-a-way for M. A. C., only three of Olivet's men reaching 2nd, two of whom scored. M. A. C. scored one in the first, and in the fifth three bases on balls followed by a single by Nies and a clean two base hit by Canfield, brought in four runs. Nies pitched his usual steady and reliable game.

Following is a summary of the two games:

M. A. C.	AB	R	H	PO	A	E
Armstrong ss	5	0	1	0	2	0
Boyle c	4	1	1	8	2	0
Canfield 2d	5	0	1	2	4	2
Akers p	4	0	1	0	6	0
Ellis l	3	1	1	0	0	0
Kratz 1st	4	0	2	13	1	1
Thatcher m	4	2	1	1	0	0
Dickson r	4	0	1	0	0	0
Bird 3d	4	0	2	3	0	0
Totals	37	4	11	27	15	3
Olivet.						
Lacey l	4	2	1	1	0	0
Bishop c	4	0	0	4	0	0
Chiesman 2d	3	0	1	5	2	0
Weed 3d	5	0	0	1	2	0
Mahoney 1st	4	1	1	1	1	0
Larsen m	4	0	0	3	0	0
Sheppard s	4	0	1	2	3	1
Rawson r	2	2	0	0	0	0
Hurlburt p	4	2	1	0	4	1
Totals	34	7	5	27	12	2
Struck out—Akers 7; Hurlburt 2						
Bases on balls—Akers 6; Hurlburt 3						

M. A. C.	AB	R	H	PO	A	E
Armstrong, ss	3	0	2	0	3	0
Boyle, c	3	1	0	6	2	0
Canfield, 2d	4	0	1	3	1	0
Akers, 3	3	0	0	0	1	0
Kratz, 1	3	0	0	12	0	2
Ellis, l	2	1	0	0	0	0
Thatcher, m	3	1	0	0	0	0
Dickson, r	2	1	0	0	0	0
Nies, p	3	1	1	0	2	0
Totals	26	5	4	21	9	2

OLIVET.	AB	R	H	PO	A	E
Lacey, l	3	1	0	0	0	0
Bishop, c	3	0	1	8	0	0
Hurlburt, 2	3	0	0	1	1	0
Weed, 3	3	1	1	1	1	0
Mahoney, 1	2	0	0	9	0	1
Larsen, m	3	0	0	0	0	0
Sheppard, s	3	0	0	2	1	1
Rawson, r	2	0	0	0	0	0
Chiesman, p	2	1	1	0	5	0
Totals	24	2	4	21	8	2
Struck out, Nies 4; Chiesman 7. Bases on balls, Nies 1; Chiesman, 4.						

Dynamite is being used to rid the old orchard of its stumps.

SPRING BIRDS.

In spite of the mild winter very few birds remained with us during the cold weather. As usual we had blue jays, chickadees, tree sparrows, golden-crowned kinglets, nuthatches (both species), brown creepers, hairy and downy woodpeckers and a pair or two of cardinals. The arrivals from the south were as follows:

February 18, crows, prairie horned lark; February 24, robin (next seen March 1); March 3, snow geese, single bronzed grackle; March 4, red-winged blackbirds, flock of 150 males, but not seen again until March 29; small flock of bronzed grackles seen on March 4; March 13, nest and three eggs of prairie horned lark; March 17, cedar waxwings; March 29, bluebird; April 2, song sparrow, cowbird, meadowlark; April 3, blueheron; April 4, mourning dove; April 6, phoebe, kingfisher, rusty grackle; bronzed grackle nesting April 6; April 8, two white-bellied swallows and one purple martin, apparently scouts as neither species has been seen again to date; April 10, chipping sparrow, field sparrow, vesper sparrow, goldfinch, killdeer, sharp-shinned hawk; April 13, sapsucker; April 14, chewink or towhee; April 15, ruby-crowned kinglet, flicker, sparrow hawk.

The above were birds seen on the campus or college farm and the records are by no means complete, since the writer has been unable to do much field work, and often several days have passed without observations at all.

W. B. B.

The State Board of Agriculture met in the College board rooms on April 12, at which time the bids for the new engineering building were opened. The proposal of Hagameir, Early and FitzPatrick, of Lansing, was accepted, which was, with two or three substitutions in material from the original specifications, \$88,730.50. Work upon this building will be begun at once.

It was also determined at the meeting that the College should install an automatic private branch exchange and connect with the Citizens Telephone Co. by three trunk lines on the basis of the terms proposed by them.

The following recommendations of the faculty were adopted: That students pursuing the engineering course should be permitted to take electrical engineering during the junior year in place of German or political science and also that electrical engineering be offered as a substitute for shop work to mechanical engineering students during the fall term of the senior year, the work to begin Sept. 1907.

Also, That during the fall term of the senior year the women be given an opportunity to take as an elective the science of education, since with the addition of this branch those who take the options in educational lines during the senior year as extra subjects may, upon the recommendation of the faculty, be granted state certificates by the state board of education.

An annual appropriation of \$2,000 was made, same to be used in the purchase and binding of scientific publications and periodicals.

The amount of \$3,000 was set apart (under Act 203, Session Laws of 1905) for the erection of a horse barn.

The following resolutions were adopted: That the State Board of Agriculture of Michigan most cordially invites the President of the United States to attend the semi-centennial celebration of the founding of the Michigan Agricultural College, the first institution in this country to be established for the purpose of teaching agriculture. Also, that the president of the college be requested to convey this invitation to President Roosevelt.

Following is a corrected list of ball games and dual meets for the spring term:

- April 14, baseball, Olivet at M. A. C.
- April 20, baseball, Albion at Albion.
- April 21, baseball, Olivet at M. A. C.
- April 28, baseball, Orchard Lake at M. A. C.
- April 28, Inter-class Field Day.
- April 30, baseball, Depauw University at M. A. C.
- May 1, baseball, Depauw University at M. A. C.
- May 2, baseball, Hillsdale at Hillsdale.
- May 5, baseball, Alma at Alma.
- May 7, baseball, Kalamazoo at Kalamazoo.
- May 12, dual meet, Armour Institute at Chicago.
- May 12, baseball, Kalamazoo at M. A. C.
- May 18, baseball, Ypsilanti at M. A. C.
- May 19, dual meet, Olivet at M. A. C.
- May 19, baseball, Michigan at Ann Arbor.
- May 24, baseball, Albion at M. A. C.
- May 26, baseball, Olivet at Olivet.
- May 26, dual meet, Kalamazoo at M. A. C.
- May 28, baseball, Hillsdale at M. A. C.
- May 30, baseball, Armour Institute at M. A. C.
- June 1 and 2, Michigan Inter-collegiate Field Day at M. A. C.

'96.

J. H. Kimball, who has been for eight or nine years past connected with the weather service, both in Michigan and various other parts of the United States, including Cuba and Porto Rico, has passed the civil service examination, and received his appointment in the Bureau of Plant Industry, Department of Agriculture, Washington, D. C.

'06.

Ernest F. Smith, who completed his work last term has accepted a position with the Pennsylvania railroad company at Cleveland, Ohio, where he began work April 9. Mr. Smith states that he supposes the big show is over with, and the smoke has cleared away, also that he would have enjoyed visiting the circus at that time had it been possible. He is well started in his work, has a pleasant lot of young men to work with, and is going to enjoy himself in his new position. The work, he states, has been office drafting so far, but he expects to be out for surveying work in the near future. His position is assistant on engineering corps of the maintenance of way of the Pennsylvania company's lines west of Pittsburgh. His address for the present is Room 304, Keenan Building, Cor. Euclid and 57th St., Cleveland, Ohio.

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ABOUT THE CAMPUS.

Rev. E. M. Lake will preach in chapel next Sunday morning.

Miss Susie Jakes spent Sunday April 8, with the Misses Andrews.

Miss Alice Elwood of Flint spent Sunday April 8, with M. A. C. friends.

Prof. Pettit made a trip to Grand Rapids the past week in the interests of entomological work.

Mrs. Kenney and children returned Saturday from Coldwater where they have spent the past two weeks.

O. L. Ayers, '02, recently sent to the museum a very large ammonite, a fossil shell which he picked up in Indian Territory.

President Snyder is in Washington attending a meeting of the A. A. C. and E. S., this week. Mrs. Snyder accompanied him.

In the Senior-Junior oratorical contest of the Themian Society, held last Saturday evening, Miss Inez Kenney received first place.

Prof. Bogue addressed a meeting of the Central Michigan Lumber Dealers' Association in Lansing this afternoon on Reforestation.

Miss Moxness arrived at M. A. C. early last week and has again taken up her duties in the chemical laboratory of the Experiment Station.

Thursday was a busy day at the the secretary's office when the various contractors submitted bids for construction of the new mechanical building.

G. F. Tallady, '05, is spending a few days with college friends. Mr. Talladay is now located at Westlake Ave., N. Y. He enjoys his forestry work very much.

Work has begun on Mr. Robinson's lot east of Miss Wellman's where another house is to be built. Two or three more houses will fill this street on Oakwood.

The forestry department has a few hundred plants of arborvitae suitable for hedging to spare to people about the College who may wish to plant them this spring.

Two tennis courts have been treated with clay, one of which will be used as a faculty court. Considerable work is being put upon all courts to get them in shape for games.

A daughter, Rosemary Ross Reynolds, was born to Mr. and Mrs. C. P. Reynolds, of Chicago, on April 10, 1906. Mr. and Mrs. Reynolds were both former students of M. A. C.

The M. A. C. Foresters listened to an interesting illustrated lecture by Prof. Pettit last Tuesday evening. Besides forestry condition the speaker illustrated several features of the Upper Peninsula.

Lost—Somewhere between the hours of 5 and 8 a. m., Monday, two seniors. They were Lamb and Kenrick and any information as to their whereabouts will be cheerfully rewarded by the Abbott hall committee.

Regret very much that two or three items dropped in the RECORD

box last were not discovered in time. Please be sure to submit items not later than 11:00 on each Monday as boxes are seldom opened after that time.

N. S. Shaler, one of the most noted geologists of America and for many years past Dean of the Lawrence Scientific School of Harvard University, died on the 10th inst from pneumonia following an operation for appendicitis.

Prof. Barrows goes to Albion tomorrow where he speaks before the Woman's Club of that city on "Audobon Societies, state and national." On Thursday he speaks on "Our Native Birds," before the Unity club in Lansing.

F. M. Morrison, '03, director of manual training at the Kittanning public schools, Pa., has sent to the zoological department a specimen of the *Eyed Elater* which had caused considerable discussion among the scientists of that region and which he was able to identify.

Mr. O. C. Simonds, a landscape architect of Chicago, is here today and tomorrow to suggest plans for the improvement of the campus. These plans will be submitted to board and, if accepted, will be carried out by the superintendent of grounds as fast as it becomes expedient.

H. M. Courtright, a student at M. A. C. in '03-'04 called at the college on April 13. During last summer and autumn he was at Cobalt, Can., where he located two very good claims which he afterwards sold. During the winter he

has been in various mining regions in Mexico where he also located several good claims.

Capt. Fuger received a visit from his brother, Lieut. A. S. Fuger, the past week. Mr. Fuger has just taken his examination for first lieutenant at Ft. Monroe Artillery School from which school he graduated last summer. He spent two years in the service in the P. I. before entering school, also several months in Manchuria during the Russian war. When here he was on his way to his post at Ft. McKinley, Maine.

It seems pertinent at this time to mention the fact that pedestrians have the right of way on the walks about the college. Bicycles are expected to keep at a safe distance and leave the walk when meeting or passing pedestrians. If the pedestrian steps off the walk and is run into, the rider, of course, will not be at fault. The rider is not expected to share the walk, the pedestrian having the entire right of way.

The chorus plans to give their entertainment this year during the latter part of May. An endeavor is being made to secure as soloists Mr. Francis Campbell of Detroit and Mrs. Carson of Chicago. Two cantatas will be sung Fair Ellen by Bruch, and The Earl King's Daughter by Gade. The chorus now numbers 90 and much interest is being shown. Plan to attend this entertainment which will be given full announcement when plans have been definitely settled.

'98.

Dean Park, of the above class, is now with the Hammaker, Schelle-meyer Co., New York City.

'02.

A letter has been received from Mr. Craig in which he states that their trip to Pullman, Washington, was a very pleasant one as the country was all new to them and they saw a great many things of interest. They are now settled in a cottage near the campus. We take the liberty to publish the following extracts from the letter as they will surely be of interest to the friends of Mr. and Mrs. Craig: "This part of Washington is treeless and very rolling. There are no hills in Michigan to compare with Pullman hills. Science hall is about 80 rods from the business part of the city, but it is 250 feet higher. The farmers do not seem to mind the hills. They use plenty of horses and I have seen them plow up a grade of 35 degrees. The soil does not wash as we seldom have heavy rains. Wheat is the main crop and the people tell me that the most of it is harvested, even on the steep hills, with the combined reaper and thresher.

"One week ago today, (April 8), was quite cold and windy, but all the rest of the week we had ideal spring weather. We are so far north that the days are longer than they are at this time of the year at Lansing.

"The college is modeled after our modern universities. We have two semesters a year instead of three terms, and I prefer the semester plan.

"I have charge of the gardens here but do not grow anything for market. This gives me more time to devote to experiment and teaching. I have more teaching than I had at M. A. C., but we expect to add another man to the department next September to lighten the teaching work."

Lives of seniors all remind us,
We ought to make suggestions,
And avoid the teachers quiz
By asking lots of questions.—*Ex.*

This is the season for the invention of new yells. Following is the one adopted by the Cass county normal class:

Pio! Pio! Pioneer!
Zip! Rah! Boom! Bah!
We are here!
Pioneer, Pioneer Normal Class!
Rah! Rah! Boom Bah!
County of Cass!

Judging from comments, some of our colleges seem to have misunderstood the attitude of M. A. C. regarding recommendation No. 10 of the athletic conference which met recently. M. A. C. does not favor the allowance of professional players, and are also very much opposed to allowing our athletes either Sunday ball or professional ball at any time. Whether or not the colleges, as an association, act upon this, M. A. C. will probably pass a local regulation against the playing of professional ball by our own athletes.

LIST OF NEW BOOKS IN THE LIBRARY.

Andrews, Colonial Self-government, 1652-1689.
Acorn' pseud. English Timber.
Beckett, The book of the Strawberry.

Barnard, The Simple Flower Garden.

Bourne, Spain in America, 1450-1580.

Bousfield, The Timber Merchants and Builders' Vade Mecum.

Blount and Bloxam, Chemistry For Engineers and Manufacturers.

Burr and Falk, Graphic Methods by Influence Lines For Bridges and Roof Computation.

Burr and Falk, Design and Construction of Metallic Bridges.

Bovey, Theory of Structures and Strength of Materials.

Boroughs, Ways of Nature.

Beebee, Outlines of Physical Chemistry.

Barton, The Story of the Red Cross.

Churchill, Title Mart.

Clements, Research Methods in Ecology.

Cheney, European Background of American History, 1300-1600.

Church, Hydraulic Motors.

Coman, Industrial History of the U. S.

Connolly, The Deep Seas' Toll.

Davis, Elementary Meteorology.

Davis, Corporations, Their Origin and Development.

Elson, History of American Music.

Fitch, The Climbers.

Fitch, The Girl with the Green Eyes.

Farrand, Basis of American History, 1500-1900.

Fairlie, The National Administration.

Fraser, The Potato.

Greene, Trusses and arches, pt. 1 Roof trusses, 1905.

Greene, Trusses and arches, pt. 2, Bridge trusses, 1903.

Greene, Trusses and arches, pt. 3, Arches, 1903.

Greene, Provincial America, 1690-1740.

Goff and Mayne, First principles of agriculture.

Goff, Principles of plant culture.

"Lessons in commercial fruit growing.

Gillette, Rock excavation.

"Cost data for contractors and engineers.

Gillette, Earthwork and its costs.

Haggood, The stage in America, 1897-1900.

Hale, Dramatists of today.

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