

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 10.

LANSING, MICHIGAN, TUESDAY, NOV. 15, 1904.

No. 9

## M. A. C. 35, OLIVET 6.

For the first time in five or six years M. A. C. has defeated Olivet on her own grounds. The score was decisive 35, to 6, and at all times, except for the few minutes when Olivet secured her touch-down, it was all M. A. C. M. A. C. won the toss and Olivet kicked off. The march for a touch-down was interrupted by penalties but it took but a few minutes to put Doty over for the first touch-down.

McKenna soon went over for another after the ball had been rushed the length of the field. All during the half steady gains were made by Bell, Kratz and all the back field, and the only thing which kept the score down was the many penalties exacted which forced McKenna to punt. Olivet gained but very little getting but two or three first downs and had to punt every time they had the ball. Kratz added another touch-down before the end of the half bringing the total to 17.

The second half was not so good football. M. A. C. added two more touchdowns in short order, one by Doty on a delayed pass, and one by Holdsworth on a forty-five yard run. Olivet then took a turn and made their only consistent gains of the game. Darkness was settling on the field, and after a fumble and exchange of punts, Olivet secured the ball in the middle of the field. By short gains they carried it to the 45 yard line, where Betts, Olivet's big tackle, broke through Bell, and brushing off the secondary defense, went the 45 yards to the goal line. It was Olivet's only material gain of the day, and was the result of an over-confidence and loafing on the part of M. A. C. M. A. C., to show what they could do when they tried, then sent Holdsworth over for another touchdown in one minute of play.

Olivet kicked off across our goal line, Ashley returning just to the line. Small dropped back for a punt on the first play but missed the pass in the dark and grabbing the ball ran forty yards around Olivet's left end.

M. A. C. gained consistently through the whole game but the best gaining was done through our right side where Boomsliter, Kratz and Ashley opened up big holes for Bell and the backs.

Line up:

M. A. C.		Olivet.
Holdsworth	l. e.	Milliken
Bell	l. t.	Betts
Fisk	l. g.	Dutton
McDermid	c.	Morrison
Boomsliter	r. g.	Nevins
Kratz	r. t.	Bair
Ashley	r. e.	Bishop
Small	l. b.	Ball
Hahn	l. h. b.	Manne
McKenna	r. h. b.	Arnold
Doty	f. b.	Thacker

Time or halves—30 min. Touchdowns, McKenna, Doty 2; Kratz, Holdsworth 2; Betts. Goals kicked—Small 5. Referee—Hollister.

Do not miss the entertainment tonight. The Cleveland Ladies' Orchestra. The lovers of good music cannot afford to stay away.

## OLIVET H. S. VS. M. A. C. FRESHMEN.

In the game Saturday between the Freshmen and Olivet H. S., the Freshmen were beaten by the narrow margin of one point, the final score being 12 to 11. Both teams played very evenly throughout the contest although towards the end of the first half M. A. C. worked the ball 50 yards without being held, on tackle plays through the line, landing it on Olivet's five yard line just as time was called. Both of M. A. C.'s touchdowns were made on 30 yard runs by Bell. Brewster, Morley and Nies played good defensive ball for the Freshmen and Tosh showed good judgment in running the team until after he tried to knock down the goal post with his head.

## ALMA AT M. A. C.

The game on next Saturday promises to be an interesting one. Alma expects to bring down a delegation of rooters to help her team, and it is very much desired that M. A. C. furnish a large crowd, and accord our visitors a hearty welcome and a good time. They have only lost two games this season, the first to Olivet and on last Friday to Albion. M. A. C. has never defeated her but once in the last four years. Alma has always put up one of the scrappiest games in the inter collegiate and is keeping up that reputation this year. They have always had a good team and played good, clean football, and with Tug Wilson as coach they are sure to put up a fast game on next Saturday. The game will be called at two o'clock, and thirty five minute halves will be played. Let everybody turn out and by good rooting help our fellows win the game.

## Y. W. C. A.

Thursday evening, Nov. 3, Miss Gilchrist gave a report of the summer conference at Lake Geneva, which she attended in September. She told us many interesting things about the place and the meetings, and urged every girl to attend one of these conferences if possible.

The meeting last Thursday evening was a consecration service. Florence Barlow was the leader and gave a very helpful talk.

The state convention of the Y. W. C. A. was held at Alma Nov. 10-13. Our association was represented by Miss Gilchrist, Miss Haner, and Misses Keeney, Reed, Hutchins, Paddock, and Andrews.

## HESPERIAN PARTY.

On Saturday evening, Nov. 12th, the Hesperian Society gave its second eleven o'clock of the term. The rooms were decorated with palms and filled with a jovial crowd. Between dances the ladies guessed at the number of beans in a bottle. Towards the close of the evening, Prof. and Mrs. U. P. Hedrick, the

chaperons, counted the beans and presented to the successful contestant, Miss Lou Robinson, a half dozen huge chrysanthemums.

## FARMERS' CLUB.

At the last meeting of the club, R. G. Potts gave an instructive talk on "Successful Farm Management." The ideals expressed were practical and necessary to every successful farmer. He considered the most essential requisites were, general business ability, individuality and originality of owner, thorough knowledge of agriculture, and adherence to strict principles of economy. An interesting discussion followed and some especially helpful ideals were presented by C. A. Willson, on the subject of farm finances. He emphasized the keeping out of debt and the great advantage of a surplus fund. Delegates were elected to the national convention which meets at Chicago, and the club then adjourned.

## DEBATING CLUB.

At the regular Thursday evening meeting of the Debating Club the question for debate was, Resolved, That a more restricted emigration would be to the best interests of the United States. The affirmative was upheld by Mr. E. H. Adams assisted by Mr. H. C. Bucknell, while the negative was defended by Mr. A. B. Burrell and Mr. B. B. Clise. A spirited argument resulted, in which many strong points were brought forth by each side. The decision of the judges favored the affirmative. Prof. Hedrick acted as critic.

The subject for November 17 is, Resolved, That women be given the right of suffrage in the United States. Something interesting. Everybody come and enjoy it.

## Y. M. C. A.

Rev. Dr. Edwards gave a talk to the young men in the meeting Thursday evening. The subject of his address was 2 Timothy, 3:16. Every one was pleased with the forceful way in which Dr. Edwards showed his reasons for Bible study.

Sunday morning Rev. W. E. Doty of Lansing led the services by giving a short and very effective sermon on "Character."

The usual large audience was in the chapel Sunday evening. Prof. W. O. Hedrick led the meeting. These meetings are very well attended this year and it is hoped that the interest taken in them by the students will be kept up throughout the year. James E. Mitchell, Prof. of History in Alma College, will be with us next Sunday evening to address the meeting.

This is the week of prayer for Colleges. Meetings will be held every evening at 6:30 in the Y. M. C. A. rooms. Let every man be present.

The chorus class meets every Monday evening.

## ALUMNI.

With '69.

A letter received by Arthur Wilcox from his uncle, A. J. Pierce '65-'67, contains interesting items. Mr. Pierce entered in March '65 before the war closed. He was on the committee to get the fireworks (wicking balls dipped in turpentine to throw about) for celebrating the fall of Richmond. He states that he used to recite to professors Fairchild, Clute, Kedzie, Daniels and Miles and often wonders what has become of the old boys. Mr. Pierce is an enthusiastic prohibitionist as the following lines would indicate:

"For, it takes hard cash to buy *sour mash*  
Which dreadful is and good for nix,  
This *stuff* of mine may not be fine,  
But, 'tis worth a million kill-me-quicks.  
"Think not for self I care a pelf,  
No, no, I scorn to make such plea;  
But its to push and try to crush  
The bond of hell and make men free.

DEAR FRIEND:—

This message I am sending thee,  
'Tis hoped the same will welcomed be,  
Then for the cause if you've a heart  
You'll not neglect the *finance* part,  
So, join and work and pray to God  
To wipe the curse from off our sod;  
Yes, may we walk in harmony,  
Is the hope and prayer of A. J. P.

'94-'96.

"Statutory Fee and Salary Book of Michigan," is the title of a 64-page pocket size, book, written by O. H. Reed. The book is useful to all public officers, and all who do business with state, county, city, village, township, and other public offices, as it gives them quick reference to the item, to the amount of fee or salary, and a reference to the law in each instance. Mr. Reed, who was the democratic candidate for state senator at the recent election, is a young attorney of this city, only recently having established an office, and while going through the usually expected period of waiting for business, is apparently following the suggestions of Edison, the inventor of "hustling while he waits."—*Lansing Republican*.

'99

E. D. Gagnier has returned from Pittsburg, and is expecting to take up work in the Navy, U. S. A., as draughtsman. He is at present just recovering from an attack of stomach trouble. His address is 218 2nd Ave., N. E.

'01.

R. M. Lickly asks to have his RECORD address changed from Richmond to 1549 Columbia St., N. W., Washington, D. C. He will be in the employ of the Southern Ry Co. for a time.

'02.

O. F. Mead has a position in the Patent Office at Washington, D. C. His address is 726 12 St., N. W.

'04.

F. H. Sanford is assisting M. L. Dean with the horticultural exhibit at St. Louis.



# THE M. A. C. RECORD.

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TUESDAY, NOV. 15, 1904.

IT SEEMS hardly fair to challenge a man's vote in Ingham county simply because his family is in Pontiac.

OF ALL sad words of tongue or pen, these are the saddest, "I've F. again."

NOW that election and examinations are over we can again settle down to good hard work.

WE HAVE no objection to make when a car comes in ahead of time, but when it leaves the station at 4:55 or 5:15 when it should leave at 5:00 or 5:20, we certainly do raise an objection. Students and others living in the city are inconvenienced very often because of this, not only in the evening, but also on leaving the city in the morning. When a car leaves the station five minutes ahead of time it often puts a student twenty-five minutes behind time. Accidents, of course will happen and cars on the college line seem to have their share which causes delay, but when it comes to within five minutes of the time of starting, it would seem that it would be as well for the employees of the car company, and certainly more agreeable to those living down town, to wait until the exact time to go.

## SORORIAN PARTY.

The Sororian Society gave a party in the Woman's Building Saturday evening. A banquet was served at 6:30, after which dancing was enjoyed until 11:00. Parker's Orchestra furnished the music. Mr. and Mrs. Palmer kindly chaperoned.

## HORT. CLUB.

At the meeting of the Horticultural Club last Wednesday evening Mr. Moses Craig gave a very interesting paper on "Harvesting of the Market Crop." Mr. Craig discussed each point of picking, sorting, barrelling and marketing in detail and brought out many small but essential points that are commonly overlooked in discussions of that sort.

Several curiosities were shown, one being a large radish from the botanical garden that weighed about 5 pounds. Some remarkable examples of fasciation in apples were exhibited.

Mr. McCue gave a short talk on the Ewalt and Osceola apples. Next meeting Wednesday, Nov. 16.

The first senior dinner of the term was given on last Wednesday evening at six o'clock by Miss Mary Bray. Miss Flora Campbell acted as waitress. The guests were Miss Gilchrist, Mrs. Haner and Miss Avery. The following menu was served:

Cream of Celery Soup	Crisp Crackers
Olives and Small Pickles	
Baked Chicken	Sweet Potatoes
Cranberries	Squash
Parker House Rolls	
Banana Fritters	Lemon Sauce
Orange Ice	White Cake
Coffee	Mints

The second dinner on Friday evening was given by Miss Mary Tingley. Her guests were Prof. and Mrs. W. O. Hedrick and Miss Purmort. The menu was:

Tomato Bouillion	Crisp Crackers
Fish Souffle	Cold Slaw
Roast Beef	Mashed Potatoes
Sweet Potatoes au Gratin	Corn Croquettes
Nut, Lettuce and Celery Salad	Wafers
Pineapple Ice	White Cake
Coffee	

In each case the young women were required to supervise every detail of the work and the cost of each dinner was limited to one dollar. Prof. Atwater's dietetic standard was used as a guide which is, for a man with light exercise,—.22 protien, .22 fat and .88 carbohydrates. Dinner, breakfast and luncheon are estimated in the following ratio: breakfast 4, dinner 7, luncheon 4.

Prof. Bogue was absent from college on business a few days last week.

A radish weighing eight pounds was recently taken from the botanic garden.

Prof. Weil was confined to his home with a severe cold a part of last week.

Several from M. A. C. witnessed the big game at Ann Arbor on Saturday.

Mr. Carpenter, of Marcellus, visited his son, A. J. Carpenter, the past week.

Miss May Butterfield spent a few days at her home in Pontiac the past week.

Mrs. Maxwell, of Port Puro, is visiting her daughter, Miss Leno Maxwell, for a few days.

Van Zimmerman, with '05, came back to Ingham county to vote, and gave M. A. C. friends a pleasant call.

Mr. and Mrs. Cornelius, of Grand Rapids, were the guests of their son, J. J. Cornelius, '09, over Sunday.

Prof. Jeffery gave an address before the Clinton county Sunday school convention held at St. Johns Nov. 10.

The Sixth Report of the Michigan Academy of Science has been received from the press. It contains an account of the annual meeting held at Ann Arbor March 31 and April 1 and 2.

Miss Emma Danforth, of Ionia, a former member of the Sororian Society, was at M. A. C. for the party on Saturday evening, and remained over Sunday.

On account of the large increase in attendance at the M. A. C. public school it has been necessary to make a division. The first three grades will remain with Miss Moran at the school building, while Miss Frisby, of Big Rapids, will teach the 4, 5, 6, 7, and 8 grades in the room formerly occupied by Mr. Rugg, in the White Elephant.

At the meeting of the Association of College Presidents and Station Director, held at Des Moines recently, L. H. Bailey, '82, of Cornell, was elected member of the executive committee of the association. President K. L. Butterfield, '91, of Rhode Island, delivered a splendid address before the association.

The Sigma Mu Beta Society gave a ten o'clock in their rooms in Williams' Hall last Saturday night. After an interesting literary program, the evening was pleasantly spent in games and guessing contests. Light refreshments were served. Dr. and Mrs. Waterman chaperoned. E. A. Seelye, '04, and wife were among the guests.

The 19th annual Convention of Y. W. C. A.'s of Michigan, was held at Alma, last week, by invitation of the Association of Alma College. The meeting was full of interest, especially to college delegates, because of the opportunity to see college life at Alma. Many of the visitors were delightfully entertained at Wright Hall, where students and teachers alike did everything possible to make the session a success. The Sanitarium, also, hospitably opened its doors for the entertainment of delegates.

The opening session Thursday evening was the occasion of a warm welcome given by Prof. Bruske and a sermon by the Rev. A. H. Barr of Detroit. The meetings were all marked by deep spirituality and earnestness. Miss Ruth Parsons, one of the national secretaries conducted the bible hour each day, the college conferences and the gospel service on Sunday. Mrs. Lewis, president of the Bay City association, conducted the city conferences. Miss Hunting of Sora, Miss Harris of Indiana, and Miss Anderson of Detroit were all most helpful speakers. Nearly one hundred delegates were in attendance and the interchange of ideas and study of the problems of the work cannot fail to yield results during the year in the cities and colleges where associations have been formed. We hope to have visits during the year from both Miss Paxson and our own state secretary Miss Johnson.

'76.

H. S. Hampton is professor of chemistry in the University of the Pacific, at College Park, Calif. Mr. C. H. Goetz, who entered the work in forestry, recently, was a student under Prof. Hampton.

'79.

Miss E. D. Coryell, now Mrs. McBain, a niece of Prof. Carpenter of the same year, was the first woman graduate of M. A. C. Miss Coryell entered from Ingham county. No special provision for women had been made at that time, and it was necessary to make the work

largely elective for those who entered. Mrs. McBain now lives in Grand Rapids and will be present at the alumni meeting held on Nov. 18.

'83.

Arthur F. Kinnan, Patent Examiner in the Patent Office at Washington, D. C., was the guest of Prof. Barrows, on Nov. 10. Mr. Kinnan was in charge of the patent office exhibits at St. Louis.

'89

E. N. Pagelson, of Detroit, reports a good law business. His specialties are patents, trade marks, and copyrights. He was well acquainted with Mr. Brosley, whose death was announced recently.

'91.

M. E. Greeson is now representing the Educational Department of Charles Scribner's Sons, 151-153 Wabash ave., Chicago. His territory is Indiana, Illinois, Wisconsin and Iowa. He called on Prof. Woodworth in Chicago a few days ago and reports as being successful, hale and hearty.

'95.

An interesting note from Guy L. Stewart, Dept. of Agriculture, Div. of Pomo., Washington, D. C., contains the following news: "I was with the Southern Ry. at Columbia, S. C., until I came to this department the 1st of July. Am now working in the cold storage and marketing of fruits. I expect to go to California the first of the year for three or four months to work in citrus fruits altogether. I see several of the fellows here. C. B. Smith, '94; W. F. Wight, '94; Prof. C. F. Wheeler, '92; Dick Crosby, '93; W. W. Tracy, '93; John Tracy, '97; W. A. Taylor, '88; L. H. Dewey, '89 and S. H. Fulton, '96, who is in the same work that I am."

Lewis H. Van Wormer, who has held the position of Assistant State Analyst for nearly three years, has been promoted to the position of State Analyst in place of R. E. Doolittle, '96, resigned. The salary is \$1800 per year.

Lew Reynolds, with '95, is a member of a firm building a large manufactory at Hammond, Ill., where he is now located. The firm will produce miners' supplies.

'98.

F. V. Warren was a graduate of the class of '98 instead of '88 as stated in our last issue.

'99.

W. H. Anderson, with '99, is a chemist with the Lake Superior Iron Co., of Ishpeming, Mich. Mr. Anderson made a business trip through lower Michigan a few days ago in the interests of his company and called on College friends.

'01.

R. S. Northrop, for the past two years instructor in horticulture at Cornell University, has accepted the chair of horticulture in the Utah Agricultural College at Logan.

H. T. Thomas, '01, Harry E. Smith, '96, and D. J. Meade, '99, are all in the designing room of the new Lansing Automobile Factory, organized by R. E. Olds and others, known as the Reo Car Company. The first car has been given a trial and found to be entirely satisfactory.



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SOLE AGENTS.

## ABOUT THE CAMPUS.

Miss Bach, instructor in botany, spent Saturday and Sunday at her home in Ann Arbor.

Miss Ketcham reports a hot water bottle taken from the hospital. Please return same at once.

President and Mrs. Snyder entertained Thursday at a six course dinner. Covers were laid for twelve.

The Y. M. C. A. directories are now ready for distribution and will be found very helpful in locating students.

Prof. J. D. Towar and family, who have been in Europe and the east during the summer, returned to M. A. C. yesterday.

The following articles are reported for sale at the hospital: Coal stove, writing desk, open book case (4 shelves), and a cot.

Instructor Williamson, who was called home sometime ago on account of the illness of a sister, has returned to his duties with the chemical department.

Prof. Marshall and Dr. Beal were in Ann Arbor Saturday attending the meeting of the Council of the State Academy of Science.

The Horticultural Department has samples of 31 different kinds of French beans grown the past season. These were included in a shipment from France last year.

On Nov. 5 the Senior girls visited the market of Mr. Rouser for the study of meat cuts. One-half of a beef was cut up for them and an explanation of each cut given.

A son, Henry Edward, was born to Mr. and Mrs. Geo. Chatfield, of South Haven, on Friday, Nov. 10. Mr. Chatfield took special work in horticulture at M. A. C. in 1901-02.

Dr. Dode of Paris who has extensive gardens in Belgium is making the poplar his special study. He has decided to name one of his new species *populus bogueiana* for Prof. Bogue.

Dr. Beal attended the University banquet at Ann Arbor last Friday. It is planned to form what will be known as a university union, one of the objects of which will be to build an alumni and memorial hall.

One of the best displays of crysanthemums ever seen at the College are now in bloom in the green house. The Horticultural club means to profit by it by having a crysanthemum program at its meeting next Wednesday evening.

Capt. Geo. P. Ahern, Chief of the Bureau of Forestry of the Philippine Islands, is expected at the college in a few days to learn of the forestry work here. It is possible he may speak to the M. A. C. Foresters on Tuesday evening.

The department of mathematics and civil engineering has received several new instruments recently including three engineers' transits, three sun compasses, two wye-levels and one dumpy level. These instruments were purchased from Berger & Sons, Boston and the Gurleys of Troy, N. Y.

The Botanical Department is adopting the plan of furnishing the

students in botany with printed pamphlets at a trifling cost. These are used in connection with fruits etc., preserved at different growths and constitute, in addition to a small handbook of technical names, the text book used in this subject.

Prof. Smith returned on Wednesday evening from his trip to Iowa. On his way home he visited Columbia, Mo., where he called on F. B. Mumford, '90. At Ames he visited Prof. Noble, formerly of this College, and H. P. Baker, '01. Mr. Baker is doing splendid work in Forestry at the above place and is soon to have a fine suite of rooms and an assistant.

Over one hundred of the Lansing Alumni and former students of the University of Michigan, assembled at the Grand River Boat Club on Wednesday evening of last week. After the reception the guests retired to the banquet hall where they partook of an elaborate feast. Dr. Beal who graduated from the university in '59 represented M. A. C. and spoke on the harmonious relation existing between the University and the Agricultural College. Others from the College who attended were Mrs. Beal, Sec. and Mrs. Brown, Prof. and Mrs. Marshall, Miss Bessie Earle, and Instructors L. G. Holbrook, H. L. Curtis, Mary Wetmore and Ellen Bach.

On Monday, Nov. 7, our second team won their fourth victory over the strong Olivet second team at Olivet. Olivet won from Albion's

second team 35 to 0, so it is pretty well understood that we have the best second team in the intercollegiate. The game was hard fought all the way through, our boys managing to nose them out 5 to 0. Our team was much weakened by four of our men, Bates, Kramer, Gasser and Bartlett, being out of the game. The line-up was as follows: Parker, C.; C. A. Lemon, R. G.; Wright, L. G.; R. B. Lemon, R. T.; Frazier, L. T.; Waite, L. E.; Rundle, R. E.; Buss, Q. B.; Burdette, L. H. B.; Smith, R. H. B.; Parsons, F. B.

A wedding of interest to Lansing and College people is that of Pliny M. Lyman, of Chicago, to Miss Corinna B. Gleason, of Lansing, which took place in Utica, N. Y., last evening. Mr. Lyman was for a number of years assistant postmaster at the College, and Miss Gleason has been a teacher in the city schools for several years. The latter has been spending the past three months with a sister, Miss Caroline Gleason, in the east, and the wedding was from her home. After a short visit with friends here, the couple will go to their new home in Chicago. Mr. Lyman has a position in the railway mail service with a run on the Lake Shore road between Cleveland and Chicago.

The above, taken from the *Lansing Republican* of Nov. 10, will be of interest to College people, as well as many of our alumni and old students whose pleasure it was to know Mr. Lyman. THE RECORD extends to Mr. and Mrs. Lyman hearty congratulations.



## NEW BOOKS IN THE LIBRARY.

Arnold—Compendium of Chemistry.  
Amer. Electro-chemical Society. Trans. Vol. 1.  
Bell—Art of Illumination.  
Bridge—Inside History of the Carnegie Steel Co.  
Browning—Introduction to the Rarer Elements.  
Bellassis—Hydraulics, with Working Tables.  
Brooks—Social Unrest.  
Baldwin—Modern Political Institutions.  
Coues—Key to N. Amer. Birds. 1903 edition. 2 vols.  
Camb—Modern History. Vol. 8 French Revolution.  
Columbia Biol. Series—Brooks—Foundations of zoology; Calkins—Protozoa; Morgan—Regeneration; Wilson—The Cell.  
Clark—Care of the House.  
Coe—Religion of a Mature Mind.  
Conn—Story of the Living Machine.  
Carhart—University Physics, 2 vols.  
Daniels—Public Finance.  
Despeissis—Horticulture and Viticulture of Western Australia.  
Dutton—Social Phases of Education in School and Home.  
Dolezalek—Theory of the Lead Accumulator.  
Eger—Technologisches Wörterbuch. 2 vols.  
Farmer—Food and Cookery for the Sick and Convalescent.  
Fairlie—Municipal Administration.  
Getman—Lab'y., Exercises in Physical Chemistry.  
Gilman—The Home: Its Work and Influence.  
Glazebrook and Shaw—Practical Physics.  
Holleman—Lab'y., Manual of Organic Chemistry.  
Hutchinson—Food, and the Principles of Dietetics.  
Hammer—Radium.  
Hazlehurst—Towers and Tanks For Water Works. 1904 Ed.  
Job—Among the Water Fowl.  
Johnson, Bryan and Turneaure—Theory and Practice of Modern Framed Structures.  
Lincoln and Barrows—Home Science Cook-Book.  
Lyndon—Storage Battery Engineering.  
Livermore—How to become a Competent Motorman.  
Marsland—Interpretive Reading.  
Miller—Testimony of the Rocks. (Abbot collection.)  
McIlwraith—Birds of Ontario.  
Miller—Modern Telephone Practice.  
Miller—Lab'y Physics.  
Metchnikoff—Nature of Man.  
Meade—Trust Finance.  
McIntosh—Technology of Sugar.  
Olsen—Text book Quan. Chem. Analysis.  
Pullen—Mechanics.  
Pune Oil Trust vs. Standard Oil Co.  
Peabody—Naval Architecture.  
Phillips—Engineering Chemistry.  
Poynting—Properties of Matter.  
Poynting—Sound.  
Rorer—Bread and Bread Making.  
Reid—From Pekin to Petersburg.  
Rambaud—Expansion of Russia.  
Rumford—Kitchen Leaflets, 1899.  
Scott—Theory of Advertising.

Stenhouse—Introduction to Nature Study.  
Sloane—French War and the Revolution.  
Streeter—Fat of the Land.  
Stevens—Copper Hand Book, 1903.  
Schierbrand—Russia: Her Strength and Her Weakness.  
Treadwell—Analytical Chemistry. 2 Vols.  
Van Marken—Industrial Social Organization.  
Weston—Friction of Water in Pipes. Tables.  
Wells—Theory and Practice of Taxation.  
Wood—Rustless Coatings. Also 7 Volumes in Mechanical and Electrical Engineering, issued by the International Correspondence School, Scranton.

With '74.

Mrs. E. B. Fairfield, of Los Angeles, Cal., was a recent visitor at the College. Mrs. Fairfield was one of the first eight girls to attend M. A. C. She was in college in '70-'72. She is the mother of Herbert Fairfield who was a student here in '94-'96 and who is now in business in California. Her husband, E. B. Fairfield, graduated in '71 and died in Grand Rapids in 1896. Mr. Fairfield's father was the first president of Hillsdale College.

'03.

W. P. Snyder M. S. '03, was married on Oct. 27, at Willsonville, Nebraska, to Miss Rea Pollock a recent graduate of the University of Nebraska. Mr. and Mrs. Snyder will reside at Lincoln, Neb., until spring when they will take up their abode at North Platte. Mr. Snyder teaches in the agricultural department of the university and superintends the farmers' institutes of the state during the winter months, and manages the North Platte experiment station during the growing season.

'02.

M. B. Stevens is in charge of a herd of about 200 holstein cows near Vina, Cal. The milk produced by the herd is separated and the cream made into butter and for this purpose a well equipped creamery is provided. Mr. Stevens' work will be to look after the breeding, feeding, milking and registering of the cows and manage the creamery. He states that the feeding problem is a simple one, alfalfa being fed almost exclusively. During the months of December, January and February is the rainy season and very often pastures are too soft for cattle to be turned upon them, and ensilage is put up to be fed at this season of the year. In writing Prof. Smith, Mr. Stevens says, "I tell you Professor, alfalfa is certainly great stuff for cattle," and then gives examples of what it is doing for the western dairyman. We quote in full the last paragraph of Mr. Stevens' letter,—"This Valley of the Sacramento is a beautiful place. Mountains to the east and west of us in plain view—the snow capped Sierras to the west and the lower peaks of the Coast Range to the east. Live oaks furnish a perpetual green foliage in the valley, and in door yards climbing rose bushes bloom the year round; orange trees are fruiting when you are eating snow balls and palm trees eighteen inches in diameter bespeak the mildness of the climate. Were the people as God-like as the conditions are perfect, 'twould be a paradise.

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"I wish," he said, "you could make pie like mother used to make."  
"And I," said she, "wish that you could make the dough like pa used to make."—Ex.

Albion won from Kalamazoo on last Saturday by a score of 44 to 0. This puts Kazoo out of the race for the cup. Albion plays Olivet at Olivet on next Saturday.