

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

Vol. 13.

LANSING, MICHIGAN, TUESDAY, NOVEMBER 26, 1907.

No. 10

FRANCIS HODGMAN.

One of M. A. C.'s Oldest and Most Illustrious Alumni has Passed Away.

Once again we are called upon to mourn the death of one of our oldest and most illustrious alumni, Francis Hodgman, who, after a short illness, passed away at his home at Climax, Mich., Friday, Nov. 22, 1907.

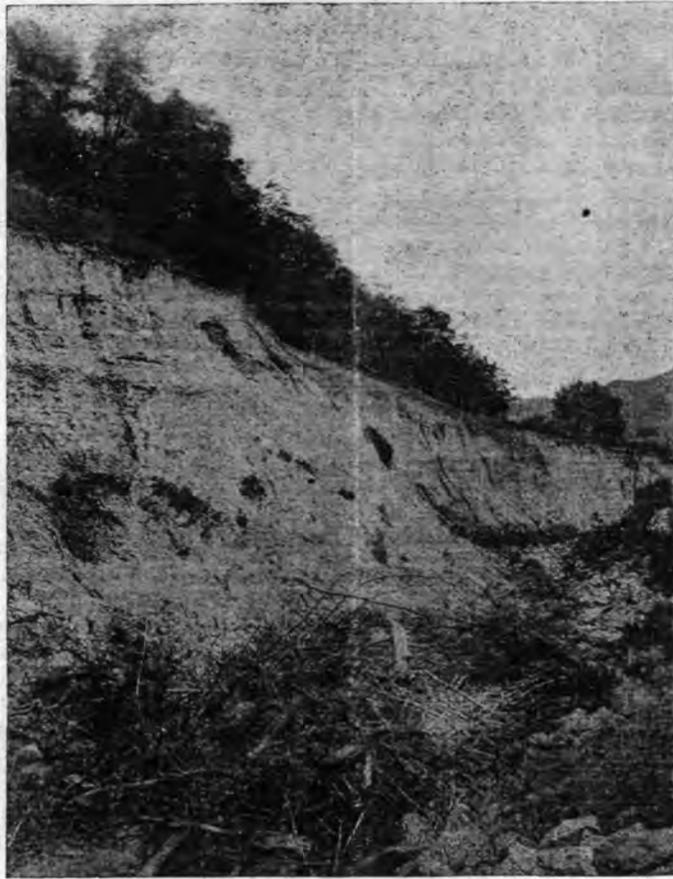
For several years Mr. Hodgman has been slowly failing in health, and a few weeks ago was stricken down with the disease which caused his death, though he was able to be about until a short time before he passed away. That he felt this to be his last illness is shown in a poem written during this time, in which he speaks of his illness pathetically.

Mr. Hodgman entered M. A. C. in 1858, graduating with the class of 1862. He received his M. S. degree in 1865. By profession he was a civil engineer and was considered first authority on the subject of government land surveying. He was county surveyor of Kalamazoo county several years, surveyor for the C. & M. R. R.—1871-72; Chief in Location and Construction for the Rio Grande Western R. R., in Utah in 1881-82 and has acted as advisor in many important engineering undertakings. He was for 20 years secretary of the Michigan Engineering Society, and last year was unanimously elected president without passing through the intermediate grade of vice-president—an exceptional honor.

Mr. Hodgman is also well known as the author and publisher of *Manual of Land Surveying*, one of the very best of its kind, and of many poems and songs including two volumes, *The Wandering Singer and His Songs*, published in 1898, and *Home's Sweet Harmonies*, published in 1899. In many of these songs he has especially endeared himself to the hearts of the alumni by reference to his life at M. A. C. His last visit to the College was during the semi-centennial celebration last spring when he appeared on the program. In his death M. A. C. not only loses an honored and respected alumnus, but a true and loyal friend. The funeral was held from his home in Climax, Sunday, Nov. 24.

Y. W. C. A. SUPPER.

All those who stay for the Thanksgiving recess will have the opportunity for a good time and a good supper at the Women's Building on Friday evening of this week. The Missionary committee has this in charge and plans are made for a social evening with music and games in the parlors. Tickets are on sale at the secretary's office also at Dean Gilchrist's office and by the committee. Please buy your ticket early and be on hand at 6 o'clock Friday evening when the dining room will be opened. A larger crowd and hunger than usually stands outside Williams Hall waiting for the bell, is expected.



Hills once covered with timber down to the banks of the stream, now badly washed, owing to denudation of timber in valley above.

Scene from stereopticon lecture by Dr. Thomas E. Will, of Washington, in chapel tonight. Admission Free.

MRS. FLORENCE BEBEE McCUE.

Sad, indeed, was the news received at the college on Friday last, announcing the death of Mrs. Florence Bebee McCue, wife of Prof. C. A. McCue, '02, at their home in Newark, Delaware.

Miss Bebee was well and favorably known in the college community, having been a special student here during the years 1899-90, and almost ever since being a resident in the vicinity. On July 11, 1906, she was united in marriage with Chas. A. McCue and they continued their residence here until last spring, when Mr. McCue resigned his position in the horticultural department to accept a similar position at the Delaware Agricultural College.

On November 12 there was born to Mr. and Mrs. McCue a son, which promised to bring much happiness to the home. Later followed the death of Mrs. McCue. The funeral was held Monday, November 25, from the home of Mrs. McCue's parents at Jackson, where a host of friends gathered to pay their last respects, among whom were a number of college friends.

The whole college community unite in expressing their sympathy to the relatives in their bereavement.

THE PROMENADE CONCERTS.

The question asked me most frequently during the last week has

been, "What about these promenade concerts?" In a word, it is an attempt to continue the work of this fall in a slightly different manner. We have gotten together as a whole at our mass meetings and at the foot ball games, and the band has helped as well as it could. We have all seen how the college spirit has been developed. We believe it can be more strongly developed yet by continuing these gatherings in a social way inside during the winter.

This first "promenade" is an experiment by the band along this line. If it proves successful we will have several more.

We know from experience that receptions occurring too frequently become tiresome; we also know that dancing parties are not very entertaining to those who do not dance. What we wish to do is to present a program which shall please everyone. December 6th the band will furnish the whole program; possibly later it will be feasible to vary the program even more.

How can you make it a success? Be there, and see that you meet and talk with several student or faculty members whom you have never met before. Do that and these promenades will become the habit at M. A. C.

Especially do we wish to see every young lady present and therefore we invite the women of the College to come "en masse."

As there are always expenses to be met the men will be charged 15c.

On account of society meetings, the time has been placed a half hour later, from 7:30 to 9:30.

ALUMNI.

'68.

John Swift of the above class writes us an interesting letter relating to questions of interest to the College. Mr. Swift still lives at Harbor Springs, Mich. He is a landscape and practical surveyor and has designed many of the northern resorts.

'69.

E. H. Brodner of the above class is now in Sacramento, Calif. Address, 1423 O. St. He still takes a lively interest in M. A. C.

'89-'93.

We clip the following from the *Michigan Banker*, which concerns Mr. W. F. Hopkins, a student in the engineering course during the years '89-'93:

"The Cleveland Cliffs Iron Company, which recently purchased the Munising State Bank, intends to go into the banking business on a large scale in upper Michigan. This concern has many industries giving employment to thousands of men. New banks will be organized in the region in which the company operates, one of these Gwinn, and it is the understanding that established institutions will be purchased. W. F. Hopkins, vice president of the Munising State Bank, will be the active manager of the Cleveland Cliffs Banks."

'02.

O. L. Ayres of the above class has just completed a soil survey of the Tishomingo Area, Ind. Territory.

'04.

In a recent number of *Science* we notice the following:

"Arrangements have been completed for the running of a horticultural and soil improvement special train over the Baltimore, Ohio and Southwestern Railroad, in Indiana, about November 19-22, 1907. This movement is the result of cooperation of the railways, Purdue Experiment Station and the Indiana State Horticultural Society. The train is to be equipped and operated by the railway, while the lecturers will be furnished by the experiment station and the State Horticultural Society. Stops of one hour will be made at all the important stations, and talks given on the various lines of work. The horticultural work will be in charge of C. G. Woodbury, '04, of the Horticultural department.

With '05.

Miss Harriet Moore with the above class has been spending a few days with the Misses Taft and other college friends.

'06.

J. C. Wilcox sends Prof. Dandeno some specimens of "apple spot" from the New Hampshire College at Durham where he is now located as assistant in horticulture. "We have about 200 specimens," he writes, "but the college is young and growing."

THE M. A. C. RECORD.

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TUESDAY, NOV. 26, 1907.

THIS week it is our sad duty to record the sad death of two of the college's true and respected friends, Francis Hodgman, '62, one of our most honored alumni, and Florence Beebe McCue, special student and for several years a resident of this community and wife of C. A. McCue, '02. In one we see the race of life well run, the full rounding out of the allotted three score years and ten; in the other a life cut down at the very beginning of womanhood, with visions of greater usefulness and happiness for the future. The RECORD extends to the bereaved friends the tender sympathy of the entire college community.

BACTERIAL DISEASES.

Prof. Sackett lectured before the Hort. Club last Monday night on Bacterial Diseases of Plants. From twenty-five to thirty plant diseases are due to bacteria. As a rule soft rots are accompanied by bacteria, which may be saprophytic or a direct cause of the rot. Bacterial diseases differ from those due to true fungi in that they work in the interior of the plant, while the fungi work near or on the surface of the plant. This makes the bacterial diseases very hard to combat, which combined with the fact that many of them are soil diseases makes the growing of some crops practically impossible on certain soils.

Some of the most important bacterial diseases discussed were melon wilt, pear blight, bacteriosis of the bean, and cabbage rot.

The next meeting of the club will be held December 11th.

A MINIATURE GARDEN.

What Can be Grown on Two Square Rods.

This little piece of ground is 16½ ft. wide and 33 ft. long, comprising exactly two square rods, or one-eighth of an acre. The garden was established chiefly through curiosity to find out how much vegetables could be produced from a small area under an intensive system of cultivation, but in addition to this it soon became a source of much pleasure and satisfaction as a pass-time at which to spend the few leisure moments after the day's

work, and also proved to be a useful factor in the practical instruction of the children, always on hand to help. The following is a list of the products of the garden during the summer of 1907: cabbage, 149¼ lbs; tomatoes (both ripe and pickling), 95¾ lbs; squash, 87 lbs; carrots, 67½ lbs; parsnips, 64 lbs; beets, 45 lbs; cucumbers, 41 lbs; string beans, 30½ lbs; vegetable oysters, 27 lbs; early radishes, 23¾ lbs; corn, 12½ lbs; lettuce, 12 lbs; winter radishes, 6½ lbs; peas, 6 lbs. and seed onions, 1¾ lbs. making a total of 669½ lbs. A record of each individual weight and the date of the same is on file.

The produce was carefully weighed on an accurate pair of spring balances as gathered for use. The various articles were weighed in the form in which they would be prepared for sale on the market, or, in other words, stripped of the inedible parts of the plant.

The area of this garden being 1-80th of an acre and the yield of edible material 669½ lbs., the rate of yield per acre would be 26¾ tons. The total amount of vegetable growth, including everything, stems, vines, leaves, etc., would probably be about double the weight of the edible parts alone.

The smaller vegetables were grown in rows a foot apart, the early, medium and late varieties alternating in such a way as to permit producing from two to three successive crops on some parts of the garden. The garden was enclosed by a woven wire fence 36 inches high. The crops were not all a success by any means. The first planting of corn failed to germinate entirely, making the second very late. Some varieties of radishes went entirely to top, failing to produce edible roots, and the seed onions made but little growth because of disease. The cucumber vines were trained up on a trellis extending 3 feet above the top of the wire fence; the yield of these was probably diminished somewhat by picking the fruits when about the size of the little finger, for pickling purposes. The tomato vines were planted along one side of the garden and were fastened up to the fence.

The garden was prepared from sod plowed up in the spring of 1907; the soil is a heavy loam, and was full of quack grass roots. No fertilizer was used, but a depression running lengthwise of the garden along one side was leveled up by filling with a good soil. Not a drop of water was applied artificially, but mention should be made of the fact that conditions for growth during the summer were simply phenomenal. The planting was chiefly done May 18th and 25th and June 6th.

A border of flowering plants was grown on the outside of the garden fence, consisting of sweet peas, nasturtiums, asters and mignonette.

R. S. SHAW.

Y. M. C. A.

The Thursday evening meeting was conducted by Mr. E. I. Wilcox. We were especially fortunate in having with us Mr. Oviatt, of Bay City, and Mr. Hutchins, of Hanover, who were at the College attending the institute normal. Each of these gentlemen spoke for a few moments upon subjects which were of vital interest to the men present. The meeting was characterized by

a large attendance and by its inspirations. However we regret that more men do not feel the need of a short recess from their studies for one night in the week, and a consequent service of helpfulness. Owing to the fact that so many will be away, there will not be any meeting this coming Thursday evening.

Prof. C. D. Smith addressed the union meeting in chapel Sunday evening. He dealt with the vital problems of college life having for his central thought "The Art of Living together." The address was of great value to all those who were present.

NEW PLAN OF REFORESTING THE STATE.

Hon. H. S. Earle Would Exempt Lands Used For Forestry Purposes From Taxation.

Have Convicts Employed in Raising Trees For Free Distribution.

At a meeting of the forestry club last Tuesday evening, Hon. H. S. Earle opened the eyes of his hearers with a few facts and figures relative to the present disposal of State lands, and suggested means of improvement. "There are required," said Mr. Earle, "one hundred clerks to look after these delinquent tax lands." Their salaries, combined with the enormous advertising bills allowed, hotel bills, and other accessories, amount to about \$400,000 to every \$250,000 worth of land sold.

To remedy these conditions Mr. Earle would have set aside, for forestry purposes, all lands not suitable for cropping, and would relieve from taxation all private lands devoted to forestry purposes. Then, by using criminals, who are now working in competition with honest labor, to grow and plant trees, Michigan would soon be reforested.

Those who know Mr. Earle would hardly expect him to make a speech without making mention of good roads. In conclusion he stated that during the present fiscal year 125 miles of good roads have been built. Next year 200 will be built and the amount will be increased each year until 500 miles per year will be built. When the state is reforested and we have good roads the lands will be readily sold.

NORMAL INSTITUTE THE BEST EVER.

Thirty Lecturers Present.

Much Enthusiasm Shown in Institute Work.

The third annual Michigan Normal Farmers' Institute, held at the college last week, was the most successful in point of numbers and interest shown of any ever held. The purpose of these meetings is to discuss the recent developments in agricultural science and the modification, if any, that shall be made in farming methods so that the different lecturers as they go out among the farmers of the state may be able to present their subjects from every standpoint.

Beside professors and instructors at the college there were several speakers from outside, among whom were Hon. John Hamilton, farmers' institute specialist of the U. S. De-

partment of agriculture, W. H. French, deputy superintendent of public instruction, Hon. H. S. Earle, State highway commissioner, and Mrs. Mary C. Spencer, state librarian. Prof. Huston, formerly chemist of the experiment station in Indiana, a recognized expert in fertilizers, was also present, and added much by way of discussion to that perplexing problem.

The excellent program constructed by Supt. Taft was followed closely and touched almost every phase of farm life, both out door and in the house. The subject of agricultural education in the public schools was one of the most interesting. These normal institutes are of great benefit to the people of the state, for here the lecturers gain many ideas, which they distribute at the various institutes.

THE DETROIT GAME.

Secure Your Seats in the M. A. C. Section.

A block of the best bleacher seats for the D. A. C.-M. A. C. game in Detroit Thanksgiving has been reserved especially for M. A. C., and all students, alumni and friends who expect to attend are urged to get seats in this section. They may be secured from Dr. C. B. Lundy, secretary of the Alumni Association of Detroit, of Director Brewer, or at the Griswold House in Detroit Thursday forenoon.

The team leaves for Detroit in a special car over the Pere Marquette, Wednesday evening, and will be quartered at the Griswold House while in the city. All the meals while there will be served in the Hotel's private dining room, and a special Thanksgiving dinner will be served after the game. The team will go in a body to see Robert Edison in "Class notes" at the Detroit Opera House, Thursday evening, returning to the college Friday morning.

Y. W. C. A.

The Thursday evening meeting was lead by Miss Edith Davis. The purpose of the meeting was to put before the girls the purpose and need of mission study. Before long there will be organized two mission study classes. One will meet on Thursday from 2:00 to 2:45 under the direction of Misses Sweet and Davis, and the other on Sunday from 5:00 to 5:45 under the direction of Misses Florence Barlow and Raynor. These studies will be very interesting and we hope to have large classes in them.

Saturday evening we darned in the gymnasium. The girls took their mending and sofa pillows, and as they all sat around in a circle on the floor our minds wandered back to the sewing circles or bees that we have so often heard our grandmothers speak about. Florence Hall read a Thanksgiving story while we indulged in eating apples. This little meeting had its twofold purpose: firstly, our mending is done, and, secondly, we had a lovely social time together. The social part is what we all need, and the more we get together and have a good time the better off we will be.

Quite matchless are her dark brown

iii,
She talks with utmost e e e,
And when I tell her she is y y y,
She says I am a t t t.—E.x.

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ABOUT THE CAMPUS.

Prof. and Mrs. Appleyard rejoice in the arrival of a son, Monday, Oct. 18.

A dog got into the deer park one day last week and killed one of the deer. Last year one was killed in a similar manner.

By vote of the faculty there will be no classes from Wednesday evening until Monday morning on account of Thanksgiving.

C. E. Bassett, Secretary of the State's Horticultural Society, spoke before the senior horticultural class last Thursday on the subject, Profit in Fruit Growing.

F. H. Sanford was in Clare County last week to make a planting plan for Mrs. Corning, of Saginaw, who is about to start the reforestation of a tract of 1000 acres.

The second team went to Olivet Saturday afternoon, and in a sea of mud defeated the reserves of that place by a score of 11 to 5. Olivet scored the first touchdown in the first three minutes of play, but after that M. A. C. took a brace and had things their own way and scored two touchdowns and a goal.

Ralph Carr, '08, and C. J. Oviatt, '09, president and secretary respectively of the American Federation of Agricultural College Students, are busily engaged in planning for the annual meeting of that organization, which meets in Chicago during the live stock show in December. E. B. Reed, sp., will give a toast at the banquet.

Between 30 and 40 students expect to attend the livestock show at Chicago.

That Alma knows how to entertain and do it right is the talk of the team which were so royally treated there last Saturday.

A delightfully informal affair was the community picnic held in the armory last Friday evening. Nearly 200 people were present.

On Oct. 2 Clark Hall at the Massachusetts Agricultural College was dedicated. The hall is to be used exclusively for botany, and cost \$40,000.

Mrs. Landon, Miss Belle Farrand, Mr. Gunson, H. W. Norton, S. C. Hadden and Miss Mabel Robinson attended the funeral of Mrs. Florence Beebe McCue at Jackson yesterday.

About 20 couples enjoyed a very pleasant evening at the Phi Delta house Saturday evening, November 23, 1907. A literary and musical program was rendered, pleasing to all, after which refreshments were served in the den. Prof. and Mrs. Bissell kindly acted as chaperones.

Kedzie: "All substances which taste strong and smell loud, such as horse-radish, mustard, etc., contain sulphur."

Voice 1: "How about limburger cheese?"

Kedzie: "That is not a natural substance. What garden did you ever see limburger cheese growing in?"

Voice 2: "Beer garden."

Mr. Orlo Gleason received a call from his father last week.

Ray Stannard Baker is now in Virginia collecting material for another series of articles on the negro question.

Prof. Fletcher and Instructor Halligan spent Saturday in Lansing taking views to be used for demonstration purposes in landscape gardening.

F. M. Barden, Sr., will speak at the State Horticultural Society meeting at Battle Creek on success and discouragements in fruit growing in the Michigan peach belt.

W. D. Frazer and Miss Chapman, of Chicago, sister of Miss Grace Chapman, instructor in physical culture, gave a fencing exhibition before a company of friends at the Women's building last Tuesday evening.

The Forest Club of the University of Nebraska announces addresses for the first half of the present year among which are, Forest Conditions in Michigan, by Prof. F. J. Phillips, '03, and Forest Trees of the World, by C. E. Bessy, '09.

Chas. A. Pierce, A. B., of the University of Indiana, has been engaged as instructor in mathematics, and began his work last Monday. Mr. Pierce was graduated last June. He taught in the summer school at the U. of I. during the summer, and has been teaching in the Greenville high school up to the time of his coming here.

Dr. Slocum, president of Kalamazoo college was a college visitor, Monday.

The reason some people fail is because they are always getting tardy marks in the school of experience.

N. B. Hubbard had the misfortune to loose the end of his finger while working in the machine shop last week.

Remember the supper at Women's building, Friday evening, from 6 to 7 o'clock. Tickets 25 cents. Everyone invited.

The normal institute was well attended last week, and considerable interest was shown, especially along the line of agriculture in the public schools.

Mrs. H. W. Landon is undergoing an operation in Detroit. An X-ray photograph of her arm which was broken in the early autumn disclosed the fact that the bones were not united properly.

The forestry department recently sent samples of hard-maple, iron wood and beech to Milan, Italy, as an experiment for use in making bobbins used in weaving. Boxwood is now used for this purpose, but is growing scarce and costly.

"Oh, my friends, there are some spectacles that one never forgets!" said a lecturer after describing a terrible accident he had witnessed.

"I'd like to know where they sell 'em," remarked an old lady in the audience, who is always mislaying her glasses.

M. A. C. HELD TO A SCORELESS TIE.

Alma Shows Great Defensive Strength.

Our Team Has Not Been Beaten in a Championship Game This Season.

In one of the hardest fought games ever played on Davis field, M. A. C. was held to a scoreless tie by Alma at the latter place last Saturday. The clay field was heavy and it made good foot ball almost impossible. M. A. C. out-weighted the Presbyterians on the line but both back fields were evenly matched. Alma had been working the entire week on a defense play but the final results were far better than expected.

The game was called at 2 o'clock and opened by Vaughn kicking off to Alma. Alma played a defensive game throughout, punting frequently and using trick plays entirely.

The forward pass during the first half was a failure on both sides and several penalties were inflicted. The oval was in Alma's territory for the greater part of the half, and Mills who played quarter in Captain Small's place, made several tries at drop kicks but they all fell short. Vaughn also tried drop kicking and just missed a pretty goal by a few inches. Helmer on a fake play made a spectacular run through a broken field for 35 yards.

Alma was very successful in getting off her quarter back kicks and made several yards by this play. The half ended with Alma being hard pushed for a score.

The second period started off with snappiest kind of ball, each team determined to score, but after the first ten minutes it settled down to a punting duel between Helmer and Vaughn, the latter having it all over Alma's punter.

Alma secured the ball several times when its goal was in danger and booted it out of danger. Duncanson, Alma's quarter played a star game, once making a splendid run for 35 yards. Mills and Cortright did some fine work in running back punts for M. A. C.

Alma has a good team and they deserved second place in the M. I. A. A. Alma's team this year was picked from a squad of twenty men by Coach Harper.

The line up:

M. A. C.	ALMA,
Shedd.....	L. E. Sayles
Exelby.....	L. T. Ferguson
Campbell.....	L. G. Marshall
Moore.....	C. T. Chapel
Parker.....	R. G. Hoist
Wheeler.....	R. T. Hill
Frazer.....	R. E. B Chapel
McKenna.....	R. H. St. Cyr
Vaughn.....	L. H. Helmer, Capt.
Cortright.....	F. B. Bradfield
Mills.....	Quarter... D. Duncanson

Referee—Fishleigh, U. of M. Umpire, Tambling, Mt. Pleasant. Time of halves, 30 minutes.

In the evening the Alma students gave a banquet to coach Brewer and his team in Wright Hall, the ladies' dormitory. Four courses were served.

Coach Harper acted as toastmaster and Coach Brewer, Prof. Mitchell, Capt. Small and Capt. Helmer responded to toasts. The fellows all voted it one of the best times they have ever had on a football trip. In closing his speech

Coach Brewer, with the team, gave a toast to Alma. Much credit of the banquet is due to the Alma girls who showed the best spirit the team ever witnessed.

The final game of the season will be played with the Detroit Athletic Club at Detroit, Thanksgiving afternoon. The club team is composed of all stars who will out-weight M. A. C. A big delegation will probably go from here and the alumni in Detroit have asked for two hundred reserved seats. The team will leave Lansing Wednesday evening over the P. M. R. R. at 7:10 p. m.

THANKSGIVING SERVICE.

A Thanksgiving service under the direction of the East Lansing church will be held in the College chapel on Thursday morning at 9:30 o'clock. C. W. Mason, '09, will speak on the College and Thanksgiving; Prof. C. D. Smith, mayor of East Lansing, on the Community and Thanksgiving, and it is expected that Mr. Ray Standard Baker, '89, the well known magazine writer, will discuss the Nation and Thanksgiving. Mr. Edward Reid, who is becoming so favorably known in College and Lansing circles for his vocal work, will render several solos.

All persons in the community and in the College are urged to be present.



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J. E. STOFFER, D. D. S. Office 301 City National Bank Building. Citizens' Phone 1049. Former M. A. C. student.

N. H. MOORE, D. D. S. Office 411-13 Hollister Building, Lansing, Mich. Citizens phone 475.

R. W. MORSE, D. D. S. Hollister Block, Room 517. Citizens Phone 52. Bell Phone 396.

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