

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 10.

LANSING, MICHIGAN, TUESDAY, JANUARY. 10, 1905.

No. 16

Y. W. C. A.

The first meeting of the term was an excellent one. The leader, Niena Andrews, took for her subject, "The Growth I need," and brought out very forcibly the necessity of spiritual growth.

FARMERS' CLUB.

The first meeting of the College Farmers Club for the winter term will be held in the Agricultural building Tuesday evening at 6:30. A discussion of the outlook for the young man in agriculture in Michigan will be the order of the evening. All agricultural students and especially the short course men are invited and welcome to attend.

PROHIBITION LEAGUE.

The Prohibition League held its first meeting of the term Sunday afternoon in College Hall. E. H. Adams gave a short discussion of the liquor problem from the physiological standpoint, after which a very interesting discussion by members of the League took place. The meeting was very well attended, for the first one of the term, about twenty being present.

We wish more of the fellows would come out to these meetings. If you do not feel like taking part in the discussions, come and listen to what the others have to say. The next meeting promises to be a very interesting one and all members are urged to be present and bring some one else.

The League meets on alternate Sunday afternoons at four o'clock in the mathematic's room in College Hall. Next meeting Jan. 22, '05.

RESOLUTIONS.

WHEREAS, God, in His all wise providence, has seen fit to call to his reward the father of our brother fellow student, Walter H. Bidwell, be it

Resolved, That we, the members of the Hesperian Literary Society extend to his family, in this their time of sorrow, our deepest sympathy, and it is further

Resolved, That a copy of these resolutions be sent to his family, and one published in the M. A. C. RECORD. COMMITTEE.

INPERSONATION OF BEN HUR BY MONTAVILLE FLOWERS.

The lecture at the armory on Friday night last (Jan. 6) was very largely attended, and much enjoyed. The histrionic powers of the lecturer were remarkably exhibited. During the delivery of the discourse, lasting over an hour and a half, attention seemed undivided, and corresponding pleasure was indicated by applauding eyes.

The varied experiences of the Israelite and the Roman were graph-

ically portrayed, and the scenes at Jerusalem and at Antioch were made as plain to the mind's eye, as word-painting could possibly accomplish such a result.

One of the scenes—that of the chariot race, in which the Jew overcame the Roman—was so wonderfully described that one could easily imagine the distended nostrils of the Arabian steeds, the rapid chariot wheels, and the shouts of thousands of voices applauding, were actually in process of being witnessed by the audience. Reaching the miraculous demonstrations of the Man of Galilee (especially the raising of Lazarus from the tomb) the speaker made plain the proofs of Christ's divinity, which he had stated as one of the objects of the book.

The hatred between Jew and Roman was well depicted, appropriate facial demonstrations, changing of the voice, and earnest gesticulations contributing to the risibilities as well as to the instruction of the audience in regard to the peculiarities of the different characters named in the story.

The wisdom of allowing no extended representation of the room in which Ben Hur's mother and sister were imprisoned for so long a time could but be approved. That room and the little orifice through which scanty food was given to the prisoners, can be regarded in no other light than as one of the few literary errors made by Gen. Wallace in the make-up of his plan of the fiction. "The Black Hole of Calcutta" brought death to its prisoners in a short time, for lack of atmospheric oxygen. The supposition that the human heart and lungs could continue activity for years, with a less supply of the life supporting chemical element, must be beyond the privilege even of the fictitious writers. Hence we were not sorry that our lecturer did not attempt the impossible, but did give a touching picture of the meeting of parent and child after the leprosy had been removed from the prisoners by the Great Master.

Altogether the entertainment on Friday night seemed a success, if one is to judge from the remarks made by the retiring members of the audience at the close.

Y. M. C. A.

Mr. Ford led the opening meeting for the men Thursday evening. "New Year Resolutions" was the topic chosen and the influence of the college man was brought out vividly. Mr. Phinney of U. of M. gave a short talk on the work as carried on in Ann Arbor.

Dr. Haas was given the attention of a large audience in his Sunday evening address in the chapel. He very clearly showed that the career of the college student should be one so hard as to command the respect of the world and should have the quality of producing some good in the world. Dr. Haas will have charge of a hospital in China after next summer.

Rev. Mr. Edwards arose to the

needs as usual when called upon Sunday to preach in place of Dr. Silcox, who was kept away from the service. Mr. Edwards held the close attention of a chapel full of people, who are always enthusiastic over his sermons.

Dr. H. Edward's Bible class is open to all who are interested, at 2:30 every Sunday afternoon in room 7, College Hall. This class, under the guidance of Dr. Edwards, is one that will be of help to every one who will spend an hour in it once a week.

DEBATING CONTEST.

The debates on last Saturday evening were well attended and much interest shown. It is impossible, of course, to give a full account of each class, but we give herewith the names of the winners in the several classes:

I. J. Moore 1st, R. G. Potts 2nd, R. C. Potts 3d.

II. Mr. Lilly 1st, A. A. Fisk 2nd, G. Kenney 3d.

III. Mr. McNally 1st, C. E. Johnson 2d, Miss Bemis 3d.

IV. E. N. Bates 1st, M. Stevenson 2d, G. Fryman 3d.

V. Mr. Wessels 1st, Mr. Dorsey 2d, Mr. Crosby 3d.

The botanical department has added several new microscopes to its equipment.

S. W. Foster, a student at the N. C. Agricultural College, was a college visitor last week.

Mr. G. J. Elliott was taken to the hospital Sunday, while suffering a slight attack of appendicitis.

Mr. Gibson has been appointed to the position made vacant by the resignation of Mr. Sherman.

On Jan. 10, bids are to be opened and contracts let for the extension of the electric line to Pine Lake.

Prof. Taft will attend the State Fruit Growers' Association at Geneva, N. Y., which convenes Jan. 10 and 11.

Miss S. Alice Earle, of the Secretary's office, was confined to her home a day or two the past week with tonsillitis.

After four weeks of vacation the M. A. C. district school has again opened and the pupils are hard at work over school books.

The heating pipes are being placed in the west section of the tunnel and the work is moving along very successfully.

E. E. Gallup and wife called on College friends recently. Mr. Gallup is taking work at Ann Arbor for the degree of A. B. in pedagogy and history.

F. B. Howard, who was obliged to remain at home during the fall term on account of his father's ill health, has returned to again take up his College work.

Mr. S. T. Page is visiting college friends for a few days. Mr. Page has been employed in a sugar factory in Santa Barbara Co., Cal., during the past season.

ALUMNI.

'82.

E. N. Ball, of Hamburg, was elected secretary of the State Association of Breeders of Imported Live Stock at the meeting held at Howell on Dec. 21.

'84.

"Mr. Lillie has now associated himself with *Orange Judd Farmer* as our Michigan editor and special representative. His articles on practical agricultural topics, pertaining specially to dairy interests, the swine industry and poultry culture, will be a great help to farmers throughout the west, who are invited to write for his views. In addition thereto, he will officially represent *Orange Judd Farmer* at Michigan agricultural institutes and all other gatherings, also whenever and wherever he meets farmers. He will be glad to accept subscriptions for *Orange Judd Farmer*, also advertisements, and will write up local and state agricultural news of interest to our Michigan readers. Mr. Lillie and *Orange Judd Farmer* will co-operate to promote agriculture." — *Orange Judd Farmer*, Jan. 7.

'90.

49 Wall St., New York. Mr. Joseph Harlan Freeman, formerly examiner in the United States Patent Office, and lately associated with the firm of Kenyon & Kenyon, of this city, wishes to announce that he has opened an office at the above address where he will continue his practice as consulting engineer, expert in patent cases and solicitor of patents.

'93.

At the meeting of the State Association of Breeders of Improved Live Stock held at Howell the latter part of Dec., Hon. L. Whitney Watkins was elected president of the association. Mr. Watkins gave a paper before the association, on the status of government for improvement of pure bred stock in England.

'01.

F. A. Bach of Sebawaing and John B. Stewart of Tariffville, Conn., were visiting college friends over Sunday.

'02.

O. H. Skinner is employed in the Columbus laboratory, Chicago, Ill. Mr. Skinner is improving his spare hours by taking a course in German and also work in the Y. M. C. A. gymnasium.

'04.

H. S. Severance has an interesting article in the *Michigan Farmer* on "The Largest Apple at the Exposition." The first to attract attention was Oklahoma, which produced an apple of 21 ounces. Other states became interested and Arkansas, Missouri and Washington each entered the contest. Washington securing the flag and holding it throughout the fair. The largest apple weighed 40 ounces.

THE M. A. C. RECORD.

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B. A. FAUNCE, MANAGING EDITOR,

ASSOCIATE EDITORS.

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ALTA GUNNISON, '05.

CALLA KRETEL, '07.

ROY POTTS, '06.

HARRY ROGUE, '06.

T. H. McHATTON, '07.

DALTON MOOMAW, '07.

O. I. GREGG, '07.

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TUESDAY, JAN. 10, 1905.

We give below a list of names and address of special course students as taken from the entrance blanks filled out in the pre-ident's office. The course taken is indicated by letters s, c, and f,—stock, creamery and fruit.

Bandien, Howard G, Pemberville, s
Barnes, O F, Lansing, s
Baughman, C W, Wayland, s
Bloomer, Leroy, McCord, s
Bossard, Glen D, Marshall, s
Box, W R, Lansing, s
Brown, R D, New Era, c
Buckner, J C, Prattville, s
Buehler, Rudolph, Laingsburg, s
Burke, Harry, Owosso, c
Burton, R H, Hastings, s
Camburn, E H, Ridgway, c
Carey, C E, Adrian, c
Carter, Chas, Potteryville, s
Chamberlin, C C, Romeo, c
Clark, E D, Lapeer, s
Clark, Clifford, Marion, s
Coats, G C, Coats Grove, s
Cobb, R J, Schoolcraft, s
Collins, I M, M A C, s
Cook, J L, Edwardsburg, s
Core, Walter, Traverse City, c
Colton, Glen, Vermontville, s
Danlik, C C, Morgan Park, Ill, s
Darling, H H, Grand Rapids, s
Dodge, Leonard, Flint
Downing, I H, Britton, s
Duerr, O S, Benton Harbor, c
Dwyer, D W, Silverwood, s
Dyke, B V, De Witt, c
Eckard, W C, Grass Lake, f
Engellard, R L, Gera, c
Faber, H H, Vriesland, c
Farley, M M, Almont, s
Finch, C A, Almena, c
Fisk, H W, Clinton, c
Flatt, Geo, Elmira, s
Foster, Fred, Niles, s
Fredell, A W, Cadillac, s
Gale, L F, Sherman, f
Garthe, Carl, Northport, s
Graham, L H, Montgomery, s
Hadley, C I, Holly, s
Hall, G R, Nashville, c
Hamilton, W W, Salem, s
Hammerbacker, W A, Saginaw, c
Hammerbacker, L G, Saginaw, c
Hatter, E F, Milan, c
Hayner, Parker, Union City, s
Hill, W T, Davison, s
Horton, E, Quincy, c
Horton, E J, Goodrich, s
Hubbell, C L, Hemlock, s
Ives, E W, Coopersville, c
Johnson, M C, Butternut, s
Johnson, H S, Lyons, s
Keilar, J G, Detroit, s
Kelly, W B, Ypsilanti, s
Kendall, R C, Eau Claire, s

Keyworth, C H, Shabbona, c
Kinch, Frank, Grindstone City, c
King, R B, Ypsilanti, s
Kurtz, Wm, Lansing, s
Kyte, R E, Saline, s
Lang, W P, Monroe Ctr, s
Lipsey, Ralph, Potteryville, s
McDermid, C F, Battle Creek, s
McIlwain, J, Quincy, c
McKay, O M, Corunna, s
McNitt, Geo, Ravenna, s
Mesler, W C, Clinton, c
Miedma, J P, Eastmanville, c
Mills, J W, Caro, c
Minnick, F P, Kent City, c
Montieth, R R, Martin, s
Morehouse, Ernest, Delton, s
Morton, J B, Ashville, f
Munn, C W, Vicksburg, s
Munn, M T, Vicksburg, s
Myers, D W, Clarks Lake, s
Miller, W H, Lansing, s
Paul, J O, Montgomery, s
Peck, W C, Almena, c
Palmer, F C, North Star, c
Parker, J M, Laingsburg, s
Pattulih, A A, Deckerville, s
Pepper, R W, Davisburg, s
Peters, J L, Mendon, c
Potter, H E, Davison, s
Randall, A M, Armada, c
Ransom, C, Traverse City, s
Reed, J O, Hubbardston, s
Reed, M J, Allegan, s
Riddell, F T, Hudsonville, s
Riethmeier, Albert, Gera, s
Ringo, Paul, Stevensville, f
Roberts, J W, Martin, c
Salmond, Dexter, Hunter Creek, s
Scott, C M, Adrian, s
Seelye, L D, M A C, c
Sharrard, Ernest, Riley Center, s
Shaw, F W, Glendora, c
Shepard, M F, Owosso, s
Shepard, Marion, Owosso, s
Smith, H J, Atwood, c
Smith, M G, Atwood, s
Snider, Wm, Elkton, c
Springsteen, Homer, Cassopolis, s
Sprogg, F A, Denton, Mont, c
Stahler, F W, Palmira, s
Stout, A G, South Haven, f
Studer, Emil, Shelby, s
Sunderlin, W G, Lakeview, s
Surne, Melvin, Unionville, c
Sutton, George, Flushing, s
Taylor, Geo C, Alma, c
Towar, E T, Detroit, c
Tumble, J C, Charlevoix, s
Truax, H E, Fennville, f
Underhill, L J, South Lyon, c
Urban, J P, Auburn, c
Veldman, Ed, Hudsonville, c
Warner, H H, Wayne, s
Whitlock, B K, St John, s
Wilson, S J, Halloway, c
Winsor, R J, Petoskey, s
Whitten, R W, Rockford, s
Zentgrebe, W H A, Lenox, c
Benkema, Henry, Grandville

'78.

E. O. Ladd is secretary of one of our institute societies and during the fall attended institutes in the upper peninsula.

'81.

Alva Sherwood has entered upon his duties as treasurer of Berrien county. Mr. Sherwood has been doing considerable institute work relative to live stock work in the state.

'88-'99.

We are in receipt of the Christmas number of the *Havana Post* in which there appears an extended article on "Cuba's Agricultural Experiment Station and the People who are Making it a Success." Half-tones are presented of five prominent men in the work among which are two M. A. C. men, Dr. N. S. Mayo, class of '88, who is Vice Director of the Station and Chief of the Department of Animal Industry, and C. F. Austin, who is Chief of the Department of Horti-

culture. The Director, Prof. F. S. Earle, formerly of the New York Botanic Gardens, has held this position less than one year and yet the article states that the work is already well established. In the arrangement of the work six departments were organized, two of which, as already stated, are in charge of M. A. C. men. The post has this to say of Dr. Mayo and Chief Austin:

"The experiment station is fortunate in having secured for this department the services of Dr. Nelson S. Mayo, who has had long experience as state veterinarian of Kansas, where the live stock industry is of the greatest importance. Besides being a skilled veterinarian and a bacteriologist of widely recognized ability, Dr. Mayo is a practical live stock man and thoroughly understands the handling of horses and cattle. His first work after his appointment was to investigate the conditions of the Cuban live stock industry in order to determine how best to build it up and safeguard it.

"The work of the department of horticulture is divided into three sections—the study of ornamentals, of vegetables and of tree fruits. Its chief, Professor C. F. Austin, is a man of broad knowledge in scientific horticulture, having served in United States as horticulturist at the Montana Agricultural Experiment Station, assistant horticulturist at the Alabama station, and horticulturist at the Maryland station, resigning the latter position to accept his present place. His work here is already well begun, and his plans are comprehensive. Both from climate and from location, Cuba seems destined to be the great fruit and vegetable market for the northern cities. The market for such products is immense, and it is at our doors."

With '95.

The following extract from a letter received by Prof. Weil will be of interest: "During the fall months I had the pleasure of a visit at the College, but I did not succeed in locating you, although I believe I looked everywhere except in the tunnel. While looking over the shop I noticed the new milling machine you had finished up, and I believe that, as a college work goes, this is a very creditable piece of work, except for the fact that it is not well painted. If I remember rightly it was stated that this was on account of the casting being rather rough. Now it happens that after I got into manufacturing work, it was sometime before I succeeded in getting a good hold on the matter of painting machinery. I believe now that we finish our engines better than any one in the market, and therefore assume that it might be of interest to some of the students to have them see just how this work is done. This company, therefore, prepared a set of samples which will be taken to you by one of the students from this place upon his return to College. These samples illustrate the nine operations which we use in finishing our engines.

If this information proves of any service to your students, you will kindly give the Alamo Mfg. Co. the credit for the same. The writer wishes you to call upon him for anything that will be of interest in our line of manufacturing. I hope some day to get back to the College

and find that you have been supplied with additional laboratory equipment, which certainly your department deserves.

* * * * *
If you should travel this way at any time, Mr. Bristol and I would be glad to have you stop off with us and go over our plant.

My regards to Mr. Leonard and Prof. Holdsworth.

Yours truly,
M. F. LOOMIS."

We did not feel at liberty to publish the nine operations mentioned in the above letter.—[Ed.]

'00.

Born, to Mr. and Mrs. H. B. Gunnison, of Detroit, on December 29, a daughter, Dorothea. Mr. Gunnison graduated with the class of '00.

'02.

Miss Marguerite Nolan is teaching domestic science in Boise, Idaho. *The Idaho Daily Statesman* publishes in its issue of Dec. 25 an extended article on the work which has only recently been organized. The number gives half tones of four classes in cooking and also one of Miss Nolan who has the work in charge. The following extracts were taken from *The Statesman*: "The Columbian Club of Boise, ever ready to co-operate in all work which tends to the welfare of the city, learned that Miss Marguerite C. Nolan, a graduate of the Michigan Agricultural College of the class of 1902, was arranging to form a series of cooking classes in the city. The club through Mrs. O. V. Allen, a chairman, who has been untiring in her efforts and to whose executive ability much of the success of the classes is due, soon formed five classes which met three times a week in the basement of the new high school in a room especially equipped for the occasion. * * * Miss Nolan proved herself a teacher of rare ability. She not only knew her subject thoroughly, but she possessed the knowledge of imparting it to her pupils. * * * The course included instructing in the cooking of vegetables, meats, fish, desserts, salad, pastry, cake, beverages and candies."

'03.

A. C. Miller asks to have his address changed from Burgettstown, Pa., to Wheeling, W. Va.

With '03.

Norma Searing is taking special work in a school for physical culture in Philadelphia. She is preparing herself to teach the subject.

'02-'03 Sp.

Lillian Eichbaum is with Miss Lyford taking a course in domestic science at Drexel Institute, Philadelphia.

M. A. C. was well represented at the meeting of the A. A. A. S. held at Philadelphia recently. The following M. A. C. alumni were present and took some part in the program: L. H. Bailey '82, president of the society; W. W. Tracy '67, of Washington, D. C.; W. M. Munson '84, of Maine; C. P. Close '95, of Delaware; U. P. Hedrick '93, M. A. C.; H. J. Eustace '01, of Geneva.

The Underfeed Stoker Co. have placed the stokers in the new boiler house. The system will probably be in condition for partial operation about the 20th of this month.

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who buys his COAL
STOVE, or RANGE
without seeing what
we have to offer sure-
ly must have

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C. D. Woodbury
HOLLISTER BLOCK.



ABOUT THE CAMPUS.

Senator A. B. Cook and wife visited College friends one day the past week.

C. E. Swales, of Detroit, and Robert Ferguson, of Lansing, completed their college work during the fall term.

Mr. Thos. Hooper has returned to renew his college work this winter. His home is in Victoria, Mich., (U. P.) and he states that snow was five feet deep, in places, when he left.

Mr. Colon C. Lillie was a College visitor on Thursday of last week. Mr. Lillie has arranged to attend twenty institutes throughout the state and will speak on dairy topics.

R. E. Haines has been obliged to give up his college work for the present on account of ill health. It is hoped that after a year of out door employment, Mr. Haines will recover his health and return to M. A. C.

Jas. N. Hatch, formerly connected with this College as instructor in the department of mathematics and civil engineering, has an article in *The Engineering Magazine* for January, entitled "Handling and Transport Machinery in the Steel Industry."

On reaching home Christmas evening Prof. Weil was agreeably surprised at finding in the parlor of his home a beautiful music cabinet, the gift of an association of students from the mechanical department. The cabinet, which is a splendid

piece of furniture, exactly matches the professor's piano, and the gift is highly appreciated by him.

During the present week two-day institutes will be held at Perry, Shiawassee county, Jan. 11 and 12, and at Ovid Jan. 13 and 14. One day institutes will be held in the following counties: Barry, Saginaw, Gratiot, Cass, Midland, Lenawee, and Ionia.

The members of the teaching force at M. A. C. as well as her alumni, are much gratified at the return to the senate of Jason Woodman '81, and Albert B. Cook '93, and to the house of representatives of James L. Morrice '73. Their good work for all that pertains to agriculture and technical education can always be relied upon.

The Michigan Engineering Society holds its next meeting in Lansing, January 11, 12, 13, with headquarters at the Hotel Downey. Mr. Dorr Skeels, of Grand Rapids, is president. Prof. Vedder is the vice president of the society and Francis Hodgman '63 is secretary. A cordial invitation is extended to all, especially to the engineering classes to attend the meeting. Some arrangement will no doubt be made whereby students can attend one or more of the sessions.

A fine picture of a modern battleship has recently been purchased by the Mechanical Department from the Derry Collard Co., of New York. Each part is numbered on the picture and a list just below the picture gives the names and also the corresponding number, so that the

name of any particular part can be found readily. The work of framing the picture fell to Instructor Andrew Krentel, and certainly goes a long way in showing up the picture to good advantage.

Chas. A. Mosier, who was in College last year, called on College friends the past week. Mr. Mosier spent the summer and early winter as one of the assistant state inspectors of orchards and nurseries in Illinois. He was on his way to Massachusetts where he takes up a new field of labor. His work there is along insect lines, combating the gypsy moth and the brown-tailed moth which are very serious insects in New England. He reports a very pleasant and profitable summer.

It is with exceeding regret that we are called upon to announce the resignation of the Hon. C. F. Moore from the State Board of Agriculture. Mr. Moore is not in the best of health and expects to be absent from the state for several months. He felt that he should give up his place to some one who could give the college personal attention. Mr. Moore was formerly a member of the board from 1893-99. He was elected this time by the board in July, 1903, to fill the vacancy caused by the death of the Hon. Franklin Wells, and has given to the college much valuable time and painstaking effort. His sound judgment and sterling qualities of character made him a very valuable member.

At the meeting of the State Board of Agriculture, held Jan. 3 in the

College board rooms the following members were present. President Monroe, Messrs. Graham, Bliss, Moore, Watkins and Pres. Snyder. At this meeting the resignation of Mr. C. F. Moore was presented. The board took a recess and met in Gov. Warner's office later in the day. At this meeting the resignation of Mr. Moore was accepted and the president of the board was instructed to appoint a committee to draft resolutions expressing appreciation of Mr. Moore's services and regret at his withdrawal.

Mr. Henry T. Buskirk, '78, was unanimously elected to fill the vacancy caused by Mr. Moore's resignation.

D. Ward King, good road expert of the Missouri Board of Agriculture, has been secured to attend a series of farmers' institutes from Feb. 13 to Feb. 26. He is an advocate of the use of the drag for keeping the highway in condition and some of the results claimed for this treatment are almost marvelous. The roads which "before taking" were a continuous mud hole, became almost as firm as asphalt after treatment. The King method of keeping up the highways is taking like wild-fire in Missouri. It is reported that Mr. King visited Cameron, Mo., in Sept. 1902, and while there induced five men to promise to make drags and use them. When he returned in August, 1903, he found that 64 men had built drags and were using them for dragging their roads. Mr. King will attend the Round-up institute at Battle Creek.

We give below a list of students classifying this year who have had relatives in College in the past. This has been gathered hastily and is very likely only a partial list. We shall be glad to make such corrections and additions to the list as are brought to our notice:

WOMEN.

Eva Bailey, '07, of Lansing, sister of W. J. Bailey, '01.
Helen Baker, '05, M. A. C., sister of Mary and Bertha Baker, '98.
Bessie Bemis, '05, of Ionia, daughter of Supt. C. L. Bemis, '74.
Rachel Benham, '07, of Milford, relative of H. D. Benham, '91.
Zoe Benton, '05, of Washington, D. C., daughter of Frank Benton, '79.
May Butterfield, '05, sister of K. L. Butterfield, '91.
Ruth Carrel, '08, of Traverse City, sister of W. J. Carrel, '03.
Bess Covell, '08, of Whitehall, sister of Geo. Covell, '02.
Laura Emery, '08, of Lansing, daughter of A. M. Emery, '83.
Maud Ferguson, '07, Okemos, cousin of Elvina Armstrong, '04.
Edith Gunn, '07, of Holt, cousin of Miss Katherine Gunn, '03.
Alta Gunnison, '05, of De Witt, sister of H. B. Gunnison, '06.
Rosamond Kedzie, '06, of Lansing, daughter of G. E. Kedzie, '73.
Calla Krentel, '07, M. A. C., cousin of A. B. Krentel, '99.
Emma McKee, '07, of St. Johns, daughter of E. C. McKee, '81.
Lovina Merick, '08, of Mt. Morris, sister of W. S. Merick, '04.
Kathryn Olin, '08, of Grand Rapids, sister of Bruff Olin, with '06.
Bess Paddock, '05, Three Oaks, sister of W. L. Paddock, '93.
Gertrude Peters, '06, of Springport, sister of Instructor A. D. Peters with '03.
Myrta Severance, '08, of East Jordan, sister of Howard Severance, '03.
Beatrice Skeels, '07, of Harrietta, daughter of F. E. Skeels, '78.
Sophia Southwick, '05, of Houseman, sister of Roger Southwick, with '01.
Marion Thomas, '06, of Three Oaks, sister of R. G. Thomas, '03.

AGRICULTURAL.

R. C. Gulley, '08, of Storrs, Conn., son of A. C. Gulley, '68.
S. W. Horton, '08, of Fruit Ridge, brother of N. B. Horton, '02.
F. D. Linkletter, '05, of Benzonia, brother of Mabel Linkletter, '92, now Mrs. C. H. Robinson.
C. E. Moan, '07, of Lansing, cousin of Miss Bertha Malone, '00.
C. A. Reed, '05, of Howell, brother of C. P. Reed, '01.
Leo C. Reynolds, '08, of Owosso, brother of C. P. Reynolds, with '03.
Albert Rigterink, '08, of Hamilton, brother of John Rigterink, '97.
Walter Warden, '07, of Rushton, son of Robert Warden, Jr., '74-'76.

MECHANICAL.

H. H. Barnett '06, of Greeley, Colo., son of Rev. Frank Barnett '75-'77.
Howard Dodge '07, of Richwood, W. Va., son of Albert Dodge '77.
Herbert Foster '09, Lansing, brother of Jessie Foster '91, (now Mrs. A. T. Sweney).
J. V. Gongwer '08, of Hart, brother of Robert Gongwer '93-'95.
E. J. Gunnison '05, of Dewitt, brother of H. B. Gunnison '02.

B. W. Jenks '08, of Harbor Beach, cousin of Geo. J. Jenks '89.
F. C. Jenison '07, of Lansing, nephew of H. H. Jenison '67.
Scott Lilly '07, of Petoskey, son of L. A. Lilly, '77.
Abbot Merrillies '08, of Winnetka, Ill., cousin of J. R. Abbot '84.
Edwin Nies '08, of Holland, brother of John Nies '94.
Charles B. Norton '08, brother of Instructor Horace Norton '03.
A. M. Robson, Jr. '08, of Lansing, son of A. M. Robson '77-'80.
Elmer Rork '08, of Lansing, brother of Frank Rork '03.
W. R. Stafford '08, of Port Hope, cousin of George J. Jenks '89.
C. B. Stebbins '09, S. C. Stebbins '09, of Lansing, sons of Arthur C. Stebbins '77-'79.

NAUGHTY-NINE.

He talks about the varsity,
The full back and the end;
He says that football in the schools
Is on the upward trend.
He quotes from Walter Camp and Baird
And Caspar Whitney too,
He says if Michigan played Yale
She'd drive 'em up the flue.
He talks about half term exams,
He speaks of Prof's and Tutes;
He wears his pantaloons tucked in
His large-soled, high-top boots.
His soft, discouraged, crushed, felt hat
Hangs feebly on one ear,
His coat is cut off at the belt
And stands ajar for fear
His monogram of M. A. C.,
The green above the white
Might through some mishap be eclipsed
And kept from mortal sight.
He tells the boys at home about
The gym and con, and flunk,
He says he likes his math, all right
But lab, he thinks is punk.
The people all around the town
Surround him in a crowd
To hear the things he's seen and done
To make him feel so proud.
A stranger steps into the throng,
He's nothing but a yap,
He asks a neighbor meekly
"Who is the noisy chap?"
"Why don't you know who that boy is
That stands up there so fine?"
"He's home on his vacation
That's Prep. class Naughty-nine."

"H."

The weather conditions for the month of December are shown in the following summary taken from the meteorological report.

Date	Temperature		Amount of Rainfall or Snow	Prevailing Wind Direction	Character of Day
	maxi-mum	mini-mum			
1	32	18	.25in	N. W.	Fair
2	23	19	1.5	N. E.	Cloudy
3	25	17		N. E.	"
4	26	17		N. W.	Fair
5	30	11		S.	Cloudy
6	33	9		S. W.	Clear
7	33	26		N. W.	"
8	29	21		N. E.	Cloudy
9	23	9		N.	"
10	26	12		S.	Clear
11	23	15		N.	"
12	26	13	6.5	N. W.	Cloudy
13	17	-3		W.	"
14	47	-18		N.	Clear
15	24	12	.5	S. E.	"
16	27	-7		N. E.	Cloudy
17	24	6		S. W.	Fair
18	31	4		N. W.	"
19	29	25		W.	"
20	30	14		S. W.	Cloudy
21	27	16		S. W.	"
22	42	19		N. W.	"
23	52	28		N. E.	"
24	23	17		N. W.	"
25	28	15		S. W.	"
26	40	22		S. E.	Fair
27	45	22		N. W.	Cloudy
28	21	10	1.0	S. W.	"
29	30	10		W.	"
30	37	13		S. W.	Fair
31	45	35			"

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J. E. STOFFER, D. D. S. Office 105 Washington Ave. S. 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.

D. E. PARMELEE, Dentist, 117 1/2 Washington Ave. S., Lansing, Michigan. Citizens' Phone, office 275; residence, 1440.

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

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THE JEWETT & KNAPP STORE. Dry Goods. 222-224 Washington Ave. S.

Five new arc lamps have been placed in the mechanical drawing room, four in Prof. Holdsworth's drawing room and two in the blacksmith shop. This insures good light for the work this winter term.

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 REUTER.

Washington Ave. South.

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

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M. J. & B. M. BUCK.—Furniture. Cor. Washington Avenue and Ionia Street. See ad.

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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. 222 1/2 Washington Ave. S., up stairs

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J. W. HAGADORN, M. D.—Office hours, 11 to 12 a. m., 2 to 4 and 7 to 8 p. m. Office at 212 Washington Avenue S.; home 219 Capitol Ave.

D. R. 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 1560.

D. R. OSCAR H. BRUEGEL. Hours 9 to 11 a. m.; 2 to 4 and 7 to 8 p. m. Agricultural College, Mich. Citizens phone 1502.

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J. H. LARRABEE. Base Ball Goods, Foot Ball Goods, Tennis, Golf, Guns, Ammunition and Fishing Tackle. 325 Wash. Ave. S.

A meat market has been installed in Mr. Champ's new building west of the Delta. The proprietor, Mr. F. W. Lefke, intends to keep a supply of both fresh and salt meats and asks for a trial order.