The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 14.

LANSING, MICHIGAN, TUESDAY, JANUARY 12, 1909.

No. 15.

SECRETARY BUTTERFIELD SETS US RIGHT.

In the RECORD for Dec. 8, in an article on the International Stock Show, some statements were made, to which Secretary I. H. Butterfield, of the State Agricultural Society, takes exception. As Mr. Butterfield speaks from personal experience we are glad to be thus corrected. He says:

DETROIT, MICH., December, 1908.

"I notice in the last RECORD an article about the International Stock Show which made some statements about the show held in the old exposition building on the lake front that are incorrect.

"The show held on the lake front, from 1880 on, was a fat stock show held by the Illinois State Board as a supplement to the State Fair. For many years, at least, no breeding stock was shown, and it was a great show of fat stock—the best there was in the country in those days—and a large show, too, as representative of different states as that now held.

'It would not be correct to say that quality of the fat stock has not improved in 25 years, but that very show has been one of the factors. And as to the educational features; they were more apparent at that time than now. For instance, at the shows in the 80's prizes were awarded for animals showing the greatest gain for cost of feed. I was myself on the committee that judged that class in 1883. Also the dressed carcass feature was worked out more than now, See Mich. Board of Ag. Report 1889, page 206, where M. A. C. made a show of dressed beef and the report thereon.

"At this fat stock show other features were introduced, as for some years there was a great corn show, and also a poul-

try show of large dimensions.
"I do not belittle in the least the great show now being held of breeding stock as well as fat stock, but the latter, in extent, in fierceness of competition, and in educational value, is no more prominent than the show of the '80s in the exposition building.

"Very truly yours,
"I. H. BUTTERFIELD,
"Sec'ry Mich. State Agricultural So."

ENGINEERING READING ROOM.

Beginning this week, the reading room in the engineering building will be open for the convenience of the engineering students, the same hours being observed as at the library.

The room, which has recently been fitted up, is on the second floor at the east ends of the building, known as No. 204. It is large and well lighted, and is furnished with tables and seats for 28 persons. The engineering periodicals, formerly found in the reading room at the library, may now be found here, as well as a large number of technical engineering books, which are the property of the various departments. During the evening a caretaker will be in charge. Keys to the cases containing reference books may be had of the professors in charge of the various engineering departments.

PRIZE CONTEST IN ENG-LISH.

Through the courtesy of Funk & Wagenall's Publishing Co., of New York City, a morocco bound copy of the Standard Dictionary, the regular price of which is \$30, is available as a prize to the member of the sophomore class who proves himself the most proficient in the English language.

The plan for determining who shall receive the prize will be worked out in connection with the sophomore classes in English 2 iduring the present term, which consists of studying and writing orations. The conditions for entering, which are left with the English department, will probably be as follows:

All students receiving a mark of 85 per cent, or above may be caudidates for a preliminary oratorical contest, by which the best four or six will be selected to compete in a final contest for the prize, which will be given to the contestant whose oration is adjudged best by properly selected judges, marking both manuscript and delivery.

RARE BIRDS ON THE CAMPUS.

Sunday morning, January 10, Mr. Luther Baker (class of 1893) called my attention to two specimens of the evening grosbeak. which were picking up seeds from the ground near the deer park. They were watched for some time, and were evidently females or immature birds, as their colors were quite dull. The old male, about the size of a robin, is a very conspicuous bird, the colors being old gold, bluish black and pure white in conspicuous masses, the black and gold, however, shading into each other in places through various tints of brown, olive and buff. As in all the grosbeaks, the bill is very large, short and strong.

The last record of this species on the campus was in the winter of 1896-97, when a single specimen was seen, and the next previous record was in the winter of 1889-90, when the bird was here in large flocks, and numerous specimens were taken and are now in the college museum. The evening grosbeak is an irregular winter visitor to Michigan, appearing sometimes in large numbers, but more often in small flocks, which of late years have come somewhat regularly into the northern parts of the state, particularly along the Lake Superior shore. More rarely they scatter through the entire state, as in the winter 1800 when they extended south into Illinois, Indiana and Ohio, and east into Ontario, and to some of the New England states.

It has double interest for us from the fact that the first specimen known to science, the type from which the species was described, was taken near Sault Ste. Marie in April, 1823, by Schoolcraft, and described by Cooper in January, 1825, under the name of fringilla vespertina, the specific name being given

under the belief apparently that the bird sang most often or most beautifully at evening. As a matter of fact the song is seldom heard while with us in the winter, and it appears to be in no way remarkable in its summer home in the Rocky Mountain region. The evening grosheak was reported from Norway, Michigan, on the 10th of last December, when Mrs. R. C. Flannigan of that city found a flock of six eating the seeds from a boxelder tree. This is the only other record of the bird's occurrence in Michigan this winter so far as we WALTER B. BARROWS.

LIBERAL ARTS UNION.

With the exception of a limited amount of modern languages, literature, history, and economics the work of students and teachers at M. A. C. is in strictly technical lines, designed to train the student in correct liabits of study, observation and reasoning. Comparative little attention is given officially to the humanities, an interest in which is essential to the proper development of him who would be, besides a technical expert, also a useful, agreeable and influential member of society and good company for himself.

Athletics receive adequate moral and fluancial support, and are a wholesome recreation for all. Social affairs receive also due attention, but are not as profitable as they might be if those participating had also keen and intelligent interests in literature, drama, line arts, music, history, economics, and social problems, commerce, politics and a host of other things which are of vital concern to the outside world.

Music, debating and oratory are here represented by general organizations, such as the chorus, debating league, etc., and in the case of music especially are doing much to arouse and maintain interest in the respective lines.

To further the work already begun and to encourage endeavor in other directions the Liberal Arts Union of the Michigan Agricultural College has been organized. Specifically its purpose as set forth in the constitution is "to encourage and stimulate a greater interest in those matters that make a broader, social and cultural life in the college, and to this end shall foster and support all organizations that tend to bring about such conditions.

The complete text of the constitution will be published in a subsequent issue. The conduct of the work of the Union lies with a board of directors consisting of four from the faculty and three from the student body. Methods of work must be devised and tested as in the case of new enterprises, and the hope is that the Union will find work to do and will do so as to win the approval and support of the community.

The officers of the Union for the current year are: President, G. W. Bissell; Board of Directors, E. H. Rider, A. J. Patten, A. M. Brown, Miss Gilchrist, W. D. Frazer, C. H. Nash and R. A. Turner.

ALUMNI

In the Record office there is kept a card catalogue of all students who have ever been connected with the college. In order that this may be kept up to date, please notify us of any change of address or occupation.

W. J. WRIGHT, Editor.

38.

F. V. Warren, with the above class, is associated with the Cramp Construction Co., with headquarters in the Commonwealth Bldg., 12th and Chestnut Streets, Philadelphia, Pa. He has charge of their concrete work. His private address is 312 North 37th St.

Don B. Jewell is principal of the

schools at Douglas, Mich.

J. B. Stewart is the author of an important bulletin just issued by Bureau of Plant Industry of the U.

S. Department of Agriculture. "The Production of Cigar Wrapper Tobacco Under Shade in the Connecticut Valley."

04.

Geo. D. Francisco is with the Jeffery Manufacturing Co. at Columbus, Ohio. Address 1374 Summit street.

F. K. Brainard, '05, has been instructor in physics at the University of Wisconsin since the fall of '07, in charge of the courses in electrical measurements. At commencement '08 he received the degree of E. E.

from the University mentioned, With '03.

Mr. Austin Rac lives at Hillman, Mich. Is president of the village, and runs a hardware store. Takes much interest in the doings at old M. A. C.

Sp. '03-'05.

Miss Cremora Alexander is now teaching domestic science at the North Dakota Agricultural College. She began her duties the first of the year.

Sp. '05-'07.

Loreta Boies has accepted a position as teacher of Domestic Science at San Juan, Porto Rico.

'oō.

W. J. Kingscott, who for some time has been at Santa Clara, Cuba, has recently removed to Mexico. His address is ta Madrid 15, Mexico D. F.

With 'o7.

B. B. Lumbard, with '07, has recently gone to Los Indios, Isle of Pines, W. I., where he will engage in business with his father.

'08

Mr. Ralph J. Carr, a graduate of 1908, has just received an appointment in animal husbandry at the State Agricultural College, Columbia, Mo.

H. M. Rouse, 'o8, is engaged with a concrete manufacturing concern in Orange, Cal. He is within an hour of Los Angeles.

The M. A. C. RECORD

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

W J. WRIGHT, '04, MANAGING EDITOR

ASSOCIATE EDITORS
G. H. COLLINGWOOD,
BARBARA VAN HULEN
D. N. HANSEN.
J. V. DE CAMP.
C. LEMMON.
J. W. CHAPIN.
AVIS LILLY.
FLORENCE COPSON.
A. M. MILLER.
A. M. BERRIDGE.
I. D. MAC LACHLAN.

ATHLETIC EDITOR CHAS. H. EDWARDS.

SUBSCRIPTION

- 50 CENTS PER YEAR

Remit by P. O. Money Order, Draft or Registered Letter, Do not send stamps. Address all subscriptions and advertising matter to the College Secretary, East Lansing, Mich. Address all contributions to the Managing Editor.

Business Office with Lawrence & Van Buren Printing Co., 122 Ottawa St. East, Lansing, Mich.

Entered as second-class mail matter at Lansing, Mich.

TUESDAY, JAN'RY 12, 1909

Friday, Feb. 12, there will be celebrated the centennial of the birth of two beacon lights in history, Abraham Lincoln and Charles Darwin. The first born in poverty and squalor in the then back woods district of our own country, whose total schooling amounted to but a few months in the rude frontier schools of the time; forced to earn his living by the hardest and most menial labor; tall, lank and uncouth, he rose by the force of his own personal endeavor to a peer among the foremost men of the nation; was twice elected to the highest honors which the nation can bestow, and by his superb judgment and strength of character guided the nation safely through the greatest crisis in its history.

The other, born in comfort and luxury in the heart of old English culture, the son of renowned and educated parents, not given to study in his youth, for some time undecided as to his vocation, educated in the universities of Edinburgh and Cambridge, handsome and attractive, with plenty of funds for travel and enjoyment, though broken in health by a disease contracted in his first scientific expedition from which he never recovered and which at times confined him to his couch, he accomplished a series of prodiguous labors in the field of natural science which for their vastness and accuracy seem hardly credible, and gleaned from nature, in the face of scientific and religious opposition, the secrets of the "Origin of Species" which has worked nothing less than a revolution in biological science.

The limited schooling of Lincoln or the unlimited scholastic advantages of Darwin give us no clue to the accomplishments of these renowned men. Their formal education was but an incident in their great lives. Hard work was the keynote of their success; hard work coupled with honesty of purpose and fidelity to truth whatever the consequence.

"Rough hands do not a dullard show, Nor 'Slow at Books' a fool."

First preliminary debates Friday evening.

SPECIAL COURSE STUDENTS

Below we give the names and addresses of the special course students who have enrolled to date. The total falls four shor of the total enrollment last year, with the cheese course men yet to come.

GENERAL AGRICULTURE.

Babcock, Charles J., Buchanan.

Ball, Lawrence, Peck.

First Year.

Banghart, John C., Lansing. Barnhart, Frank G., Dansville, Beckley, Ira, Battle Creek. Benedict, Frank J., Cassopolis. Benkelman, Jas. A., Cass City. Bird, Jessie J., Ypsilanti. Bishop, Don E., Coloma. Blakely, Ora, New Haven. Borland, Arthur D., Almont. Bowman, Carl, Bedford. Bristol, Chas. M , Whitehall. Brown, Edgar L., Marian. Burk, Harry S., Athens. Carter, Grover W., Flatrock. Clemons, Earl, Jackson. Cooper, Fred E., Wayland. Cross, Frank M., Owendale. Currier, I. Geo., Buchanan. Daw, Burton G., Chicago, Ill. Decker, Walter E., Orleans. Dorgan, Albert W., Lyons. Earton, Carl, Dexter. Eddy, John P., Flint. Edgar, Clare W., Clarkston. Elligert, William, Coldwater. Ewing, Ray, Pentwater. Fisher, Roy F., Crystal Falls. Freeman, Mark E., Owosso. French, Chas. F., Buchanan. Fritts, Leon L., Reading Fuller, Clayton, New Baltimore, Gamertsfelder, Perry A., Ludington. Green, Harrison J., Washington. Hamma, Byron H., Union City, Hamp, George J., Jackson. Hansen, Iner F., Trufant. Herdell, Leo G., Argyle. Hill, John F., Saginaw. Hoadley, Rodney W., Three Oaks. Horton, Harry H., Munger. Hotchkiss, Arthur W., Lambertville. Howe, Charles J., Niles Hulett, Lee, Lansing. Hunter, Robert D., Chesaning: Jackson, Harold H., Carson City Jones, Vernon P., Grand Ledge. Keech, Charlie A., Rockford. Kellogg, Loyt, Concord. Kempf, Raymond, Fremont. Kirshman, Irving, Fenton. Kitch, Oreal A., Bourbon, Ind. Knaggs, William A., Ionia. Knapp, Harry, Benuington. Knapps, Elmer, Pentwater. Knutson, Jenorus, O., Holland. Lamb, Joseph M., Manchester. Lamoreaux, Jas. W., Grand Rapids. Larsen, Chris A., Lincoln Lake. McRobert, John A., Lansing. McDermid, Fred C., Battle Creek. Marshall, Neil, Cass City. Mason, Ray G., Malcolm. Merillat, Edward A., Shepherd. Miller, Arthur, Mt. Clemens. Miller, Lorrin J., Milford. Mills, Mark L., Mayville. Osgood, Don, Mendon. Peacock, Mark A., Paw Paw. Pearsall, Earl C., Novi. Perkins, Herbert M., Grand Rapids. Perry, Chauncy, Hart Post, Floyd A., Alba. Potter, Harry O., Charlotte. Potter, Ray E., Davison. Potts, Valton E., Lansing. Pratt, Joseph M., Benton Harbor. Prettyman, Oscar G., Scottville. Putnam, Edward J., Omena. Rayner, Albert L., Honor. Scamehorn, Roger, Bloomingdale. Schneider, Roy A., Mendon. Schott, Roy J., Mulliken.

Schuyler, Marcus A., Adrian. Scott, Chas. S., Holland. Scott, Walter C., Kinsman, Ohio. Sebasty, Ralph W., Buchanan. Sherwood, Henry R, Charlotte. Sikkema, Geert, Park Lake. Simmons, Ory C., Jackson. Simons, Willie M., Lansing. Smith, Harry C., Detroit. Smith, Howard C, Buchanan. Springsteen, Levi J., Cassopolis. Steere, Jas. D., Ann Arbor. Stiles, Fred, Delton. Strachan, J. Lee, Ionia. Straub, Leo H., Dowagiac. Swonk, Jay N., Dowagiac. Tewsksbury, David M., Montpelier, Ind. Thayer, Ray D., Ortonville. Todd, Rubert S., Jackson. Tufveson, Arthur L., Tustin. Wadsworth, Wade, Saranac. Wallace, David G., Rosebush. Watson, Julius W., Coldwater. Weber, Herman H., Chelsea. Welch, Wallace, Fenville. Wood, Burr L., Rives Junction. Wood, Lee B., Shiloh. Woodburn, Hugh G., Romeo. Woodin, LaVerne, Harrison, Woods, Chas. S., Dansville.

GENERAL AGRICULTURE. Second Year.

Alford, Chas. E. Berlin. Allen, Rosweld, W., Jonesville. Ash. Perl G., Hallaway. Bishop, Arthur F., Hillsdale. Bredahl, Julius A., Manton. Cheney, Ray E., Ionia. Clifford, Benjamin A., Grand Ledge. Edison, Arthur P., Grand Rapids. Foster, Wellington A., Allegan. Green, Seward, A., Hillsdale. Hilzey, Arthur W., Byron Center. Holmes, Robert A., Grand Rapids. Kahler, Eugene, B., Athens. Kimball, Geo. H., Jr., Pontiac. Lathe, Malcalm E., Benton Harbor. Lockwood, Vernon H., Clyde. Lyman, Wm. C., E. Lasing. Raymond, Menzo E., Shelby. Rozema, Harry, Fremont. Stafford, Harold A., Norwood. Sutherland, Emory E., North Branch. Switzer, Ray W., Amble. Vincent, Arthur R., Croswell. Warren, Walter S., Washington. Wattles, Silas B. J., Troy Wood, Chas. A., Blanchard.

CREAMERY. First Year.

Anderson, Frank, Martin. Armstrong, Andrew J., Cedar Springs Brouwer, John, Fillmore. Burche, Jas. A., New Lathrop. Cobb, Laverne, Middleville. Crawford, L. B., Romeo, De Land, Ivan, Mulliken. Dubois, Louis J., Monroe. Ebmeyer, John T., Barnip Corners. Felske, Arthur, Sterling. Ferrell, Walter C., Gladwin. Fokkert, Edward, Oversiel. Goodell, Clayton, Mt. Pleasant. Hams, Arthur, Ingalls. Hopkins, Robert F., Yale. Howard, L. C., Concord. Jensen, Mads, Harbor Beach. Jones, Paul, Fostoria. Konkle. John E., Caledonia. Milkamp, John, Holton. Mosher, Frank W., Coopersville. Mumford, C. Fred, Paw Paw, Nunn, Melvin J., Utica. Oviatt, Henri C., Martin. Papham, Harry, Kinde. Raterink, Teanis, Hudsonville. Reeves, Fred, Midland. Rodauhisler, Wm., Byron Center. Shears, Louis A., Paw Paw. Shirley, Herman J., Grant. Skinner, Allen, Fremont, Indiana. Sunderlin, Ray E., Lakeview. Timmer, Henry W., Holland.

CREAMERY. Second Year.

Esterline, Elza F., Hillsdale. Lokker, Henry, Holland. Rumble, Thos., Deckerville. Vasold, Walter, Midland. Walker, Hugh M., Jr., Port Hope.

FRUIT COURSE.

Carter, David H., Armada.
Dickinson, Mary, St. Joseph.
Granger, Frances, Baroda.
Hawclay, John H., Fenville.
Jennings, Frank, Detroit
Lee, Noble L., Grand Ledge.
Shirley, Roscoe R., Allegan.
Stoddard, Elsworth F., Kalamazoo.
Strath, William, Sault Ste. Marie.
Warner, Clifton A., Traverse City.
Wood, Susan M., Shelby.
Wolf, Conrad, Lansing.
Winchester, Stella L., St. Joseph.

POULTRY

Boynton, John F., Jenison.
Brown, Daniel W., E. Lansing.
Drew, Chas. W., Detroit.
Forte, Walter E., Suttons Bay.
Grothe, Walter, Lakewood, Ohio.
Inaba, Shotaro, Tokio, Japan.
Roset, Peter A., Kalamazoo.
Rueks, Ernest, W., Caledonia.

FORESTRY.

Barnes, Edward A., Ovid.

BEGIN SEASON BY DEFEAT-ING MICHIGAN FIVE.

TEAM PROMISES TO UPHOLD M. A. C.'S BASKET BALL RECORD.

In the first basket ball game of the season M. A. C. easily defeated the Michigan five in a game at the Michigan Gymnasium Saturday night by a final score of 24 to 16. This is the first year that Michigan has tried the game, and it was her first inter-collegiate contest. On the other hand the M. A. C. team. though having had but little time to round into shape, was composed of stars of last year's championship team and had but little difficulty in putting up team work which told against the playing of the individual stars which composed the University team.

Both teams showed lack of training and a total of 32 fouls were called, of which M. A. C. was guilty of 15 and Michigan 17. Dickson, who has played for three seasons, proved a star at throwing field baskets getting three during the game. Farquhar, of Michigan threw 8 baskets out of 13 chances from fouls and McKenna threw 8 out of 17 for M. A. C.

The line up:

MICHIGAN.	M. A. C.
Farquhar l. f.	McKenna
Wilson r. f.	Dixon
Raiss c	Campbell
Peck l. g.	Merz
Ely r. g	Hanish
Final score-Michigan	16 M A C
24. Score—First half—N	lichigan 7. M
A. C., 11. Baskets from fi	eld-Farouhar
1; Wilson, 1; Raiss, 1	: Elv 1 . M.
Kenna, 1: Dixon, 3: Cam	phell 1. Marz
1; Hanish, 2. Baskets fr	om fouls For
quhar, 8; McKenna, 8.	Time of halves
-20 minutes. Referee-	Eldredge
	arcage.

CLASS RESUMED.

Miss Mabel Ferry has again resumed her violin class at the M. A. C. and has one vacant hour left. She has, during the vacation, been coaching some of her former pupils who are now filling successfully positions in concert companies throughout the states.

Studio at Mrs. Taft's residence on the campus.

A FEW THINGS FROM NORTON'S

POCKET KNIVES, RAZORS, RAZOR STROPS

EVER READY SAFETY RAZOR WITH 12 BLADES

> \$1.00 SHEARS, ETC.

On this line of goods we claim to have the best that can be had, and any will be replaced that is defective. We would be pleased with your pat-

NORTONS HARDWARE

111 Wash. Ave. South.

EVERY KIND OF

FURNITURE

FOR YOUR ROOM.

Cots

Folding Beds

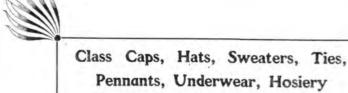
Matresses

Book Cases

Desks

All Goods Delivered Free.

M. J. & B. M. Buck.



In fact, all the late things in Ladies' and Men's Furnishings.

Student's patronage solicited.

ELGIN MIFFLIN.



A DASHING STYLE

"Patrician" meets every requirement of modern fashion.

It is stylish, easy-fitting and absolutely shape-retaining.

It has all the attributes of a custom shoe at ready-to-wear price.



120 WASH, AVE. SO.

HOLLISTER BLOCK

THE J. W. KNAPP & CO. STORE

Where you will find the largest and most complete stock of

Women's Misses' and Children's Ready-to-wear Garments, Knit Underwear, Hosiery, Gloves and Ribbons. All the new things in Laces, Embroideries, and Wash Goods,

See our New Silks, Dress Goods and Trimmings. If you want an Exclusive Gown or Suit, go to Lansing's Reliable Store.

W. KNAPP & COMPANY

SUCCESSORS TO JEWETT & KNAPP 220-222 AND 224 WASHINGTON AVENUE SOUTH, LANSING, MICHIGAN.

ABOUT THE CAMPUS

The Idlers will give a party in the armory Saturday night.

Four new students have been enrolled in the home economics department this term.

C. B. Collingwood conducted the union meeting of the Y. M. and Y. W. C. A. Sunday evening.

Two umbrellas left in the parlor of the Women's building after club meeting last term await owners at the Dean's office.

The large Corliss engine recently installed in the steam engine laboratory has been fitted with a break wheel and made its initial run last

The M. A. C. Women's Club will hold their Jan. 18th meeting in Prof. Barrows' class room at 7:30 p. m. Mrs. Wood's paper, "Christianity in China," will be illustrated by stereopticon views. Each member is permitted to invite a guest.

The eighteenth annual meeting of the Michigan Live Stock Breeders' and Feeders' Association is being held at the college this week. This afternoon sectional meetings of the various organizations composing the association were held, and this evening a banquet will be served in the dining room of the Women's building. Tomorrow two sessions will be held in the armory, one at 9 o'clock and the other at 1:30. For program see last week's RECORD. A meeting of the Michigan Agricultural Society Board was held this afternoon.

A small brown bill-book containing four five-dollar bills and twoone-dollar bills was lost on Wednesday morning, January 6, 'og. Last seen in west dining room of Club D. Finder please return to bookkeeper in secretary's office and receive reward.

Messrs. Dickson, Hendry, Mitchel and Taylor had a narrow escape while on a forestry inspection trip during vacation. The hotel at Grayling, in which they were staying caught fire and they were forced to make a hurried escape in negligee costume. Mr. Taylor lost property to the amount of \$20.

Professor and Mrs. Schonberger, of Olivet, assisted by local musical talent, will give the third number on the People's Church entertainment course at the armory Friday evening of this week. Single admission 15 and 25 cents. The lecture by Mr. Ray Stannard Baker, which was scheduled as the second number, has been postponed until later in the season.

The thirteenth annual meeting of the Michigan Engineering Society will be held at the engineering building at the University of Michigan Jan. 12, 13 and 14. Several from the college will attend and prominent among the members are several M. A. C. alumni. The present officers are: Dr. A. C. Lane, Lan-sing, Pres.; W. W. Bridgen, Battle Creek. Vice-Pres.; A. L. Holmes, Grand Rapids, secretary; Dorr Skeels, Grand Rapids, treasThe M. A. C. choir spent a very pleasant evening with Miss Freyhofer at her home in Lausing last Tuesday.

The first home basket ball game of the season will be played with De Paul University Wednesday, Jan. 13. Season tickets now on

The electrical engineering department is building a high tension transformer for use in testing high tension insulators, etc. It develops 70,000 volts.

The battalion is now equipped with Lee-Remington rifles of a modern type. They were purchased by the state for the Michigan volunteers for the Spano-American war, and have been since unused. The state military department have now placed them at the disposal of the college department, and the old equipment will be shipped to the Rock Island arsenal.

It is a matter of regret that the Michigan Military Academy at Orchard Lake, after 18 years of successful work in preparing young men for life, has been closed by its creditors. The academy was a private institution, founded by Col. J. Sumner Rogers, under whose excellent management it grew and prospered until, at the time of his death the equipment and buildings were valued at \$350,000 with \$100,-000 indebtedness. Of late years it has suffered much from lack of patronage, though a heroic effort was made to maintain it as an educational institution.

Prof. Halpin will speak at the Hort. Club next Wednesday evening on "Poultry and the Fruit Farm.

Mrs. Sawyer received a fractured wrist, the result of a fall on the walk at the engineering building during vacation.

Dr. B. E. Fernow, Dean of the Faculty of Forestry at Toronto University, will speak in the Armory tonight on "Forestry Defined."

The Horticultural department is sending out invitations to the first annual fruit show to be held in the horticultural building Friday from 2:00 to 6:00 p. m. The show will consist of collections of apples from Mass., N. Y., Mich., Iowa, Colorado, Washington, Idaho, and California, and collections of tropical fruits from California, Arizona, Mississippi and Florida.

The senior Forester class spent their vacation in the different lumber camps throughout the state and Canada, making a detailed report of the present conditions of lumbering and the methods of milling. Messrs. Bignell and Tanner were with J. Booth & Sons, Ontario, Canada; Messrs. Dickson & Hendry were with the Loud Lumber Company, Au Sable, Michigan; Messrs. Chapman & Edwards were with the Houghton Lumber Co., Houghton, Mich.; Messrs. Lynch and Mc-Clung were with Cobb & Mitchell at Cadillac, Mich.; Messrs. Mitchell and Taylor were with the Sayling, Hanson Lumber Co., Grayling.













MR. SMITH.

(Continued from last week.)

The machine rolled easily away from the curb and around the corner up the slippery pavement. Presently they turned into a quieter street where they rushed past beautiful large houses, all lighted up for the Christmas eve festivities. The car rolled up to one of these and stopped under the broad porch. The chauffer rang the bell and waited silently by his side. Presently the door opened, letting out a flood of soft yellow light.
"Mr. Smith?" said a soft voice.

Harry stared stupidly at the girl standing before him in evening dress. He managed to stammer "yes."

"Come right in, then, and the maid will show you to your room. I suppose you will be ready to begin work tomorrow: You see I want it for a New Year's gift."

"Yes, yes, indeed," murmured Harry, and in an undertone to himself, "Where in thunder is Jim? I suppose this is some tom-foolery of his, but I'll have to play the part and not give the old fellow away. But I wish he had let me in on his game beforehand."

"Come down to the library when you are ready, Mr. Smith, and we will talk things over," she said as he followed the maid up the staircase. He managed to make a somewhat incoherent reply.

"What the deuce can she have to talk over with me?" he said to himself as he stood before the mirror in his room. "Gad, but she is pretty. She doesn't look much like Jim, though. I wonder where the Indian is. I wish he had put me

A few moments later he was ushered into the library. The girl and a sweet-faced elderly lady rose as he entered.

"I want you to meet my mother, Mr. Smith," said the girl.

Harry bowed low over her hand. "I am very glad to know you, Mrs. Bettes," he said. The old lady started slightly and then smiled knowingly at her daughter.

"That sort of people are so ab-sent minded," she murmured as they sat down.

"I trust you had a very pleasant journey, Mr. Smith," she said.

"Yes, indeed," said Harry, thinking of how he had just managed to jump on the back platform of the car as it pulled out, and had been obliged to remain there almost a half hour before he could rouse the porter and make him unlock the door of the sleeper, on the platform of which he stood shivering.

"I suppose you have been very busy these holidays," she said. "We consider ourselves very fortu-

nate in being able to get you."
"Thank you," said Harry. "It was kind of you to ask me. Yes, Jim and I have both been putting in pretty good time these last few weeks." And to himself, "He owes me one for that."

The girl and her mother exchanged glances, and then the former colored slightly.

"How long have you been pursuing your line of work?" she said. seemingly with an effort to keep up the conversation.

"This is my junior year," he said, and then stopped short, for both of the women were staring at him in amazement.

"I should say - " he stammered,

NOTICE

TO RESIDENTS OF

EAST LANSING

Beginning at once we shall run our own delivery to East Lansing every MONDAY, WEDNESDAY, and FRIDAY morning.

Yours, for better service,

CAMERON & ARBAUGH CO.

and then rose suddenly as the maid announced "Mr. James Bettes." "Funny he can't see his own mother and sister without being announced, thought Harry to himself. "I'll bet this is some infernal joke. Just wait until I see him in private."

"Good evening, Mrs. Bates," said Jim, stepping into the room, bowing and smiling and looking very handsome in his evening clothes. "How do you do?" he said softly to the girl, holding her hand a moment longer than necessary, Harry thought as he stood in the shadow watching the three. Then Jim turned and saw him.

cried, "where on earth have you been? My chauffern My chauffeur waited around the New York Central depot for you about two hours, and I had given up your coming. I didn't know you knew the Bates."

"I don't," said Harry to himself, and out loud, "I came by the Northern Express. A chauffeur came up to me, asked me if I was Mr. Smith, I said 'Yes,' got into the car and he brought me here. Since then I have been havinga very enjoyable time," he concluded, suddenly remembering the other occupants of the room.

"But aint you Wilbur K. Smith, the celebrated miniature painter?

gasped the girl.
"Not guilty," said Harry.

"Well, who are you then?" said Mrs. Bates.

"I beg your pardon, Mrs. Bates," said Jim. "Allow me to present my roommate J. Harold Smith. And my fiancee, Miss Bates,

"Congratulations," cried Harry, shaking both their hands at once. "I am awfully glad to meet you,and Jim, don't you ever tell the fellows, will you?"

EVELYN KOPF.

With 'o7.

"Jack" Bowditch, a well-known base ball and foot ball player in his day at M. A. C., was recently elected Athletic Director at Hillsdale College, near which place he makes his home and manages a 420 acre Jack's friends who remember his brilliant and consistent athletic record here have little fear of his making good at his new posi-

VIOLETS

FINE BLOOM. ALWAYS FRESH. PRICES RIGHT.

Maplewood Violet & Nursery Go.

. . CALL ON

Lawrence & Van Buren Printing Co.

WHEN IN NEED OF

CALLING CARDS

122 OTTAWA ST. E

SPAULDING SWEATERS

AT Larrabee's

325 Washington Ave. S.

TANNER & TURNER, Agents

F. N. BOVEE Optician - Photo Supplies

INGERSOLL BLOCK

Washington and Michigan Aves.

Engraved or Printed Cards Fountain Pens Loose Leaf Books Macey Book Cases and Office Appliances

Fox and Royal Typewriters Keelox Ribbons and Carbon Papers ALLEN PRINTING CO.

Bell 1094

Citizens 1006

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.

to phone orders.

Gottlieb Reutter.
322 Washington Ave. South.

DIRECTORY

LANSING BUSINESS AND

PROFESSIONAL MEN.

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

BARBERS.

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

BOOKS AND STATIONERY.

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

BOOTS AND SHOES.

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

BOOK BINDERS.

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

CLOTHING.

L OUIS BECK,-Clothier. Gents' Furnishings, Hats and Caps. 112 Washington Ave. North.

CROCKERY AND GLASSWARE.

H. LARNED.—China. Glass & Lamps.

DENTISTS.

- J. E. STOFFER, D. D. S. Office 301 City National Bank Bldg. Citizens phone 1049. Former M. A. C. student.
- N. H. MOORE, D. D. S. Office 411-413 Hol-lister Building, Lansing, Mich. Citi-zens phone 475.
- R. W. MORSE, D. D. S. Hollister Block, room 517. Citizens phone 52, Bell phone 396.
- D. E. PARMELEE, Dentist, 117½ Wash-ington Ave. S., Lansing, Michigan. Automatic phone, office 3402; residence, 3403.

DEPARTMENT STORES.

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

DRUGGISTS.

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

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

DRY GOODS.

J. W. KNAPP & CO. successor to Jewett & Knapp. Dry Goods—222-224 Wash, Av. S.

ELECTRICAL SUPPLIES.

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

FURNISHING GOODS.

ELGIN MIFFLIN,-Ladies and Gentle-men's Furnishing Goods. See ad.

FURNITURE DEALERS.

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

HACK AND BAGGAGE LINES.

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

HARDWARE, STOVES & TINW'RE.

NORTON'S HARDWARE.-General Hardware, Tinware, Graniteware, Cut-lery, Stoyés, etc. 111 Washington Ave, S. See ad.

ICE CREAM, SHERBET AND ICES.

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

JEWELERS.

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

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

MANICURE AND HAIRDRESSING.

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

MUSIC, PIANOS, ETC.

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

. OCULISTS.

CHAS. G. JENKINS, M. D.—Diseases of Eye, Ear, Nose and Throat. Hours, 9 to 12 a. m. and 2 to 5 p. m. Citizens phone 1030, Rooms 203-204 Prudden Block.

JOSEPH FOSTER, M. D.—Eye, Ear, Nose and Throat. Hours, 9 to 12 a.m.; 2 to 4 p.m.; Sundays 12 to 1; Evening 7 to 8. Cor-ner Allegan 81, and Capitol Ave., Lansing, Roth phones. Both phones.

PHYSICIANS.

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 15:00.

D.R. OSCAR H. BRUEGEL. Hours, 7 to 8:20 a. m.; 2 to 4 and 7 to 8 p. m. Sun-days, 12 to 1 and 5 to 6 p. m. East Lansing, Mich. Citizens phone 1502.

PLUMBERS.

SHIELDS & LEADLEY - Plumbing and Heating, 300 Washington Ave. N., Lan-sing, Both phones.