

# The M. A. C. RECORD.

MICHIGAN AGRICULTURAL COLLEGE.

VOL. 17.

EAST LANSING, MICHIGAN, TUESDAY, FEBRUARY 6, 1912.

No. 19

## SUNDAY SERVICE.

Fully 1000 persons attended the Sunday Service Feb. 4, held at 2:30 in the armory. Although the chapel chairs were added to those already available, many were obliged to stand during the entire service. The decorations used by the Peronians on Saturday evening were left in place, and relieved the usual barrenness of the walls to a very great extent.

Gov. Osborne gave an address on "The Influence of the Christian Religion on Civilization." He reviewed the history of the church, of her trials and triumphs, paid a tribute to the solidity of the Roman Catholic church, and also to those men who have been instrumental in the great reforms. Many heard the Governor for the first time, and these were especially grateful to hear him upon such an occasion.

The numbers by the chorus, and solo by Mr. Killen were greatly appreciated, and added much to the occasion.

## WASHINGTON MEETING.

The Washington Alumni Association hold their regular annual meeting in Freund's Hall, at 815 Tenth St. N. W., on Tuesday, Feb. 20, at 6:00 p. m.

The secretary desires the names of all who may find it possible to attend this meeting, in order that plates may be reserved. A very urgent invitation is extended to all out of town alumni to come to Washington on above date and meet with the Washington people.

Those who desire to attend should write Miss Cora L. Feldkamp, at 1335 Twelfth St. N. W., as early as possible, and plates will be reserved.

Remember the time—Feb. 20, at 6:00 p. m., and the place—Freund's Hall, at 815 Tenth St. N. W.

## WEDNESDAY'S PROGRAM.

The armory was well filled Wednesday afternoon by those who came out to hear Sir Horace Plunkett, the Irish statesman and American farmer. Sir Horace is a personal friend of ex President Roosevelt, of President Butterfield (Mass.), and of Dean L. H. Bailey, of Cornell. He is intensely interested in rural life, and made a plea for country living.

He would emphasize three points for the benefit of the country dweller—better farming, better business, better living. In other words, a betterment of the practical, technical, and social conditions. Farmers are too slow to adopt the co-operative plans, which mean as much to them as to any other class of citizens. Co-operative creameries were taken as examples of what might be done.

The speaker paid a fine compliment to the work being accomplished by the agricultural colleges of this country, and believed the future held much for the man trained along this line.

Following Sir Horace, Mr. Barnes, a prominent land owner of Fargo, N. D., was called upon, and told of his early struggles in Vermont, and later victories in the great west. Mr. Barnes owns some 5,000 acres in the Dakotas, and has met with an unusual degree of success in his western operations.

Dr. Stephen Smith, one of the founders of Bellevue Hospital, New York City, was also present, and spoke briefly on "Why I Left the Farm." Dr. Smith is one who has accomplished many reforms in the medical world, and his talk was a brief review of the history of the farmer of the early days—their privations and hardships.

The addresses were necessarily brief, as but one hour was given. After the program, Pres. Snyder took the party on a tour of investigation about the grounds and buildings. Dr. Lancaster, of Olivet, was one of the party.

## ORATION CONTEST.

About 200 persons attended the College oration contest in the People's church on Friday evening of last week. There were seven contestants, and the orations were all exceptionally good.

Following is the program as carried out:

Music.  
The Father of His Country,  
E. J. Reeder  
The Struggle for Existence,  
Robert Rosen  
The American Idea, H. W. Hough  
The Awakening of China,  
K. M. Klinger  
Our Ship of State, G. J. Warnshuis  
Political Progression, I. T. Pickford  
War - - - A. I. Margolis

Music  
Decision of Judges.

The first place was awarded to A. I. Margolis, second to K. M. Klinger, and third to H. W. Hough. Mr. Margolis will represent M. A. C. at the State contest, held this year at Olivet.

The judges were W. S. Foster, E. S. Avery and E. T. Bishop, all of Lansing. It is hoped that M. A. C. will be well represented at the State contest. Olivet is looking for Soo.

## SECOND POULTRY INSTITUTE

FEBRUARY 12-17, 1912.

Next week will be held the second poultry institute at M. A. C. The week opens Monday afternoon, with registration and inspection of poultry yards, the program Monday evening to be in charge of the Poultry Club.

Prof. Graham, of Ontario, C. B. Cook, of Owosso, F. L. Sewell, of Niles, Prof. A. J. Phillips, of Purdue, and Mrs. W. Dawson, of London, Ont., are among those who will speak.

The show will be held in the large pavilion of the agricultural building, and visitors will be welcome both to the exhibit and to any or all of the meetings.

## BASKET BALL.

M. A. C. met and defeated her old-time rival, Albion, Friday night in our college armory, the final score being 60 to 23. The first half was, as usual, played in whirlwind style by the home team, and the visitors were completely bewildered, only scoring nine points to our 32. In the second, several spurs in good team work resulted in 14 more points for our Methodist friends, but the team work of M. A. C. was the big feature. The iron cross-beams in our armory always prove a handicap to visiting teams, while they aid practice in accurate shooting by the home boys. M. A. C. is represented by one of the best teams in the country, and when the season is over will have a safe margin of points to her credit.

## WINONA SATURDAY.

The Winona Aggies, representatives of the Winona (Ind.) College of Agriculture, will play here Saturday of this week, at 7:30 p. m. Winona has an especially strong team, and one of the heaviest against whom we have to play. The game will be fast and furious, and no one can afford to miss it. Plan now to see it. Let us give our support to this phase of athletics from this time on, and be ready when spring and the big carnival is on to be able to start off with a clear slate.

A class game will be played, probably at 6:45, preceding the varsity game. In the last contest, the sophomores won from the freshmen by a narrow margin.

## CHARLES EDWIN BESSEY, '69.

*The University Journal* (Nebraska) for January presents, on its cover page, a likeness of Dean Charles Edwin Bessey, president of the American Association for the Advancement of Science. An extended article sets forth something of his life and work.

In addition, the number also contains "An Appreciation," written by Hon. F. L. Haller. From this we quote the following:

"As representative of the Board of Regents I am here to add a tribute of honor and love to one who for half a century or more has been opening the eyes of thousands of his fellow-men to the beautiful in nature, and who has bestowed upon generations of young men and women that priceless heritage, a love of Nature and an appreciation of the dignity and worth of scholarship and scientific research.

"In Dean Bessey we have a splendid specimen of the type of man that universities and associations of science love to honor. Not only is he an authority in his chosen branch of science, but he is one who finds his true vocation in transmitting to others both his knowledge of science and, what is of infinitely more value, his great love of Nature."

Mrs. Minnie Hendrick, assistant in history, was confined to her home the past week with gripe.

## ALUMNI

'95.

The sad news has come to us of the death, on January 17, of the wife of H. R. Parish. Mr. Parish was a graduate with the class of '95, and is a prominent farmer of Allen, Mich. Mrs. Parish was a graduate from the Ypsilanti Normal, and for several years a successful teacher. Beside the husband, two little ones are left—Harriet Ruth, two and one-half years, and an infant son, John Whitney.

'01.

Dr. Hugh Baker, of the Forestry Department at Pennsylvania State College, has been chosen to head the new department of Forestry at Syracuse University, N. Y. The position carries with it a salary of \$4,000. Dr. Baker had been elected to a similar position in Illinois University, but was released to accept the one in New York.

'02.

A. Nelson Hall, with '14, is with the Tennessee Copper Co., at Copper Hill, Tenn. Mr. Hall writes that since Albert H. Case, '02, has assumed the management of this company, many new records of efficiency and production have been made. The plant has a capacity of 1,000,000 pounds of "blister copper" per week, and the acid plant, the largest chamber process plant in the world, produces approximately 600 tons of commercial sulphuric acid per day.

'03.

Ray Tower, with the Picher Lead Works, at Joplin, Mo., writes that after some very hard work getting machinery and equipment in shape for an output of 800 to 1,000 lbs. of chrome yellow per day, their plant was entirely destroyed by fire, and they will now have to start all over again.

Mr. Tower writes that R. J. West, former student, and instructor in chemistry, is now with the Campbell Glass and Paint Co., and in charge of their factory at St. Louis, Mo.

Gordon Tower, '01, is still orcharding with the A. C. Bohrnstedt Co., near Salem, Oregon. He has 900 acres under his care, with about 400 already in apples.

'09.

W. C. Trout is first assistant Superintendent of Parks in Grand Rapids.

The many friends of Frank William Howe, M. S., will be glad to hear of his recent appointment as Dean of the Department of Agriculture at Syracuse University, N. Y. This is an entirely new department, and his work will be largely constructive on the start. Mr. Howe is a graduate of the U. of M. '93, and was granted the M. S. degree from M. A. C. in '09. He is at present specialist in agricultural education in New York, with headquarters at Albany.

The M. A. C. RECORD

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

B. A. FAUNCE, MANAGING EDITOR

SUBSCRIPTION - 50 CENTS PER YEAR

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

Address all subscriptions and advertising matter to the M. A. C. RECORD, East Lansing, Mich. Address all contributions to the Managing Editor.

Remit by P. O. Money Order, Draft or Registered Letter. Do not send stamps.

Business Office with Lawrence & Van Buren Printing Co., 210-212 Grand Ave. No., Lansing, Mich.

TUESDAY, FEBRUARY 6, 1912.

JANUARY THE COLDEST.

January, 1912, was the coldest January on record in this vicinity, and records are on file since 1864. The average temperature for the month was 9.2° above. The nearest to this record was in 1875, the average January temperature of that year being 12.9°. The warmest January on record was in 1880, with an average of 37° above.

In the month just past, the weather man gave us 14 days of zero weather, and only one day did the thermometer get above freezing. This was on the 18th, and on this date for eight hours the indicator showed 35° above.

Now, in view of the beautiful ground hog day, we can replenish our coal bins and try and look pleasant.

WORKS MANAGEMENT.

The class in works management visited the Olds, Seager and Reo factories on Wednesday, making a study of the general types of the buildings, the methods used in heating, lighting and ventilating, the arrangement of the machinery and of the different departments, and the planning and routing systems employed.

Arrangements have been made with several men, some connected with factories out of the city, to speak on some branch of the subject of works management during the winter term. In general, these talks will be given before the Engineering Society, so that students not taking works management may be able to hear them.

RELIGIOUS EDUCATION ASSOCIATION.

The ninth general convention of the Religious Education Association will be held in St. Louis, Mo., March 12-14, with preliminary meetings on Sunday and Monday, March 10 and 11. The general subject of all the meetings will be "The Training of Religious Leaders." The program as arranged provides for about 30 different meetings, with about 100 addresses.

The speakers include Francis G. Peabody, of Harvard, James H. Kerkland, Missouri, Williston Walker, of Yale, Samuel C. Mitchell, of S. C., Alfred W. Wishert, of Grand Rapids, and others. On March 12, President Snyder will address the meeting on the subject, "Training Religious Leaders for Church Work in Rural Communities." The home, school, social service, Christian associations, and art and music, all come in for discussion in this important meeting.

RESEARCH CLUB.

Dr. H. H. Whetzel, professor of plant pathology, College of Agriculture, Cornell University, was here three days of last week to attend the Michigan Ginseng Growers' Association, which met in Lansing. He spent some time with our department of botany, and gave a talk, Wednesday evening, before the Research Club on the research work in plant pathology at Cornell University, laying special stress upon the research scholarships.

These are fellowships for graduate students in plant pathology, established by manufacturers, by associations of fruit growers, etc., who wish special problems investigated. They furnish the money, which is paid over to the treasurer of the university, and the college then assigns some graduate student to the problem, the college furnishing such apparatus as is necessary.

The results of these investigations belong to the college, and cannot be used by the person or association furnishing the money without permission of the director. Furthermore, the person or association interested has no authority over the investigator, he being responsible only to the department of plant pathology.

These methods make it possible to extend the work on plant diseases far more extensively than would be possible were dependence placed upon state aid alone, and has the farther advantage that the people who furnish the money are that much more interested in the work, and get that much more benefit out of it.

HORT. CLUB.

F. M. Barden, one of the M. A. C. graduates in 1908, gave a very interesting talk before the Hort. Club last Wednesday, taking "Peach Growing" as his subject. Mr. Barden said that he was surprised to see the rate at which the Hort. Club had grown, and told of the old hort. meetings, in which there were not enough to go around a table.

Mr. Barden spoke from his experience on their home peach orchard, near South Haven, and brought out many interesting points. He said that a good site, with good air drainage and water drainage, was very essential. He found certain places on their home orchard were particularly adapted to certain varieties; for instance, he placed their Smock trees in the lowest places, on account of their hardiness. Their last trees are being planted 24 feet apart, and Mr. Barden stated that he believed that this would be a vast improvement on the old distance at 20 feet, as he had found roots covered a larger area than the branches of a tree, and, as the branches often overlap, he figures that the roots are not given enough room; this also makes it more convenient for his lime and sulphur spray, which he applies in the spring. As far as possible, the trees are headed the first year by rubbing off the buds and careful attention. The older trees are pruned early in the spring, cut back, and the centers opened up. The trees are thinned right after the June drop, before the pits harden; the amount of thinning depending on the variety.

Up to this year he has plowed up

his orchard and put in a cover crop about the last of July or first of August, and, in their experiments with cover crops, claims the best results for winter vetch. His neighbors are obtaining good results with oats and peas without plowing. As for the profits on the 15 acres, strict tab of all time and expenditures have been kept, and, figuring above all expenses, there has been a clean profit of \$1,500 for the past year, or a profit of \$1,200 for the last three years; and their orchard is just getting into good shape. He claims to have the best results with the Engle Mammoth and the New Prolific. In conclusion he stated that the work of the peach orchardist is a very exacting job, requiring very close attention and good hard labor. As a whole, Mr. Barden showed himself well conversant with his subject, and his talk was very interesting and instructive.

Leon Gardner described the Nero apple.

OUR EASTERN ALUMNI.

At the Keystone state fair in Pittsburgh, M. G. Kains (95) had chats with H. E. Van Norman (97), who was president of the association, and also professor of dairying at the Pennsylvania State College. Van tried out a new plan in the meetings of the Pennsylvania Dairy Union, of which he is secretary, by having a milk dealers' session. He brought together dealers from New York, Philadelphia, Pittsburg, and several other cities, and was very much gratified to have so good a turnout, in spite of zero weather.

Prof. W. J. Wright ('04), of Pennsylvania State College, was in charge of the fruit display, which was an exceptionally fine one, especially from the commercial standpoint. About three carloads were shown in the various classes. Prof. C. P. Close ('95), of the Department of Agriculture at Washington, was employed in identification work upon certain of the exhibits. Pennsylvania is over-run with seedling fruits and varieties that are little known.

Mr. C. E. Bassett (with '87), of Fennville, Mich., secretary of the Michigan Horticultural Association, delivered an address on common mistakes in fruit growing, and a second on the essentials of spraying.

Kains also writes that at the recent meetings of the Western New York Horticultural Society and the State Fruit Growers' Association at Rochester he saw Prof. U. P. Hedrick ('93), of the New York Experiment Station at Geneva, and R. D. Graham, of Grand Rapids, Mich., both of whom delivered addresses at one or the other of these meetings. Mr. Graham was a member of the State Board of Agriculture while Kains and Hedrick were in College.

At Springfield, Mass., M. G. attended a dinner celebrating the 30th year of the treasurer's service with the Orange Judd Company. At the table about 40 of the heads of the departments and the older men sat down. Among them were two other M. A. C. men, G. C. Sevey ('03), editor of New England Homestead; E. B. Reid (with '08), also in the editorial department. Sevey made one of the speeches of the evening. He spoke enthusiastically about opportunities in New England agriculture, and still more optimistically about his own two farms and what farm life has meant to him and his family.

RIFLE CLUB.

Our team defeated the University of Kansas team last week, 854 to 764. The team scored as follows: Hammond, H., 179; Sheldon, H., 171; Hebard, F. F., 169; Spencer, N. M., 168; Scramlin, H. W., 167. Total, 854.

The teams in the Western League now stand as follows:

	Won	Lost
Iowa.....	3	0
M. A. C.....	3	0
California.....	2	1
Minnesota.....	2	1
Purdue.....	2	1
Michigan.....	1	2
Arizona.....	1	2
St. Thomas.....	1	2
Nebraska.....	0	3
Kansas.....	0	3

The club has just received three fine new Winchester rifles. These will be used by the team during the League matches, and then, with other prizes, disposed of in a special contest open to all members. It has also just received from the Government arsenal 70,000 rounds of ammunition, and six Krag rifles, which were sent there for repairs, and which are now in excellent condition for fine shooting. The armory is open every Monday and Tuesday night from 6:30 to 7:30 for gallery practice, and all students interested in rifle shooting are invited to join the club and try for the college team and the various prizes and badges. There are no expenses except dues, which are 25c per term.

MICHIGAN STATE COLLEGE ASSOCIATION.

The Michigan State College Association held its second meeting of the term Tuesday evening. These meetings are attracting an ever-increasing attendance, and the Association will soon be obliged to find a larger room in which to hold its meetings.

Interesting talks were given by Messrs. J. L. Morse, H. E. Marsh, R. W. Powell and C. G. Ryther. Several Michigan State yells were tried out at the close of the meeting, under the leadership of Cheerleader Van Meter.

Success, my boy, is the aim of all;  
But to live that joy to the full  
You want to get there  
Through the door marked push,  
And not through the door marked pull.

Hear Magda in the armory Friday evening, Feb. 9. The play is especially strong, and the cast good. A great deal of work has been done to make this play attractive, and every one who attends will be well repaid.

The last issue of *The Fruit Belt* contains a large number of fine pictures of the exhibits made at the National Apple Show, at Spokane, Washington, held recently, at which show Prof. Eustace acted as one of the judges.

The Botanical Department has received from the office of Forest Pathologist, Dept. of Agriculture, at Washington, several specimens of wood destroying fungi, together with samples of the wood showing the peculiar form of decay caused by each of these fungi. These specimens will be used in connection with the course in forest pathology.

## ROBERT SMITH PRINTING CO.

OUR FACILITIES ARE COMPLETE FOR

**DESIGNING - ENGRAVING - PRINTING - BINDING  
CLASS PUBLICATIONS AND COLLEGE ANNUALS**

We carry everything in the line of

**Announcements, Programs, Invitations, Etc.**

We specialize on individual orders for  
Fine Stationery—embossed or printed

**LANSING, - MICHIGAN**

## The Mills Dry Goods Co.

108-110 WASHINGTON AVE. SOUTH

*WE are in larger store quarters and have added several new lines—Suits, Coats, Waists, Art Needle Work, etc., and will be pleased to meet all our college friends of last year, and as many new friends as possible.*

*A full line of Pillows, Quilts, Sheets and cases.*

*Come in and get acquainted with us.*

*Make our store your headquarters.*

MIFFLIN'S

**HATS** you buy at Miffin's help you to "look your best" because they're always authoritatively styled and so carefully made that they retain that "new looking" appearance that has made them the favorite of particular men.

Caps, Sweaters, Rain Coats, Shirts—in fact all the late furnishings.

*ELGIN MIFFLIN*

## Do You Want

Pair Shears  
Knife  
Safety Razor—  
Gillette, Auto Strip,  
Ever-Ready and Enders  
to select from  
Hones and Strops  
Saws  
Hammers  
Hatchets  
Chisels  
Screw Drivers

In fact, anything you need in hardware you will find—and at prices to suit—at

**Norton's Hardware**

EVERY KIND OF  
**FURNITURE**  
FOR YOUR ROOM

**Cots Folding Beds**

**Mattresses**

**Book Cases Desks**

ALL GOODS DELIVERED FREE

**M. J. & B. M. BUGK**

## ABOUT THE CAMPUS

Clyde B. Gorton, '09, with the Commonwealth Power Co., at Jackson, was a college visitor recently.

E. C. Lindemann, '11, spent Sunday at M. A. C., and spoke before the class in agricultural journalism Monday.

Gov. and Mrs. Osborne and Mr. May, the famous cartoonist, of the *Detroit Journal*, were guests of President and Mrs. Snyder at dinner Sunday.

Rev. Wm. Steensma, the new pastor of the People's Church, addressed the short course students Saturday evening, and began his duties as minister by preaching morning and evening Sunday.

Rev. and Mrs. Roscoe Kedzie, formerly of Pontiac, visited at the home of the former's mother, Mrs. Ella Kedzie, the past week. Mr. Kedzie '99, recently accepted a call from the church at Glen Ellyn, and when here was on his way to his new field of labor.

The first piano recital of the winter term, given by the students of music Friday evening, was attended by a good sized audience, and the program was a most enjoyable one. Those who took part in this recital were, Misses Ethel Peabody, Pauline Felt, Margaret Pratt, Mabel Tussing, Clara Rogers, Ellen Thompson, Jennie Todd, Arda strong, Marjorie Eckliffe, Ethel Whittemore, Gladys Renwick, Margaret Holbrook, Irene Carter, Louise Clemens and Mr. L. M. Hutchins.

Prof. Pettit gave an illustrated lecture on insect pests for the short course students on Friday evening of last week.

Dr. Bessey spoke before the Michigan Ginseng Growers, who met in Lansing last week on the subject of "nematodes."

Mr. D. A. Seeley, of our Weather Bureau, has purchased the fine property on the corner of Abbot and Albert Aves., formerly owned by Mr. Woodbury, and will build a residence on same in the spring.

The 30th annual meeting of the Michigan State Veterinary Association is being held at M. A. C. this week, Feb. 6, 7, and 8. In addition to general routine business and an interesting program of papers and discussions, a banquet will be held at 7 p. m. tonight at the Hotel Wentworth.

A new gas furnace has been installed in the forge shop. This furnace has three distinct parts; one for crucible heating, one a muffle furnace, and the third an open furnace, so that all kinds of heating necessary in the heat treatment of steels can be carried on. Besides being of great use in hardening and tempering of tools for regular equipment, this furnace will be used in connection with the classes in metallurgy, and also for thesis work. Three of the senior engineers are already at work on theses covering investigations in heat treatment of different kinds of steels. It is believed that this furnace will be a very useful asset to the engineering department.

Exchanged—at armory, Saturday evening—pair gentleman's shoes. Please leave word at box 1014, P. O.

The Feronian party in the armory was one of the prettiest of the year. The decorations were elaborate, the music of the best, and a large number of visiting alumni and friends were present.

Prof. French visited the corn show at Kalamazoo Wednesday of last week, the high school at Otsego Thursday, and conducted a teachers' institute Friday. He will be in Grand Haven this week on institute work.

Mr. R. M. Sherwood, of Water-vliet, will address the Hort. Club at its meeting Wednesday night. Mr. Sherwood is one of the largest fruit growers in southwestern Michigan, having more than 300 acres of bearing orchards. He will surely have something of interest for the students at M. A. C.

The speakers already pledged for the Roundup are, Prof. O. F. Hunziker, dairy husbandry, Purdue University; A. G. Hammar, of Washington, D. C., who will talk on the control of the San Jose scale and codling moth; Mrs. C. W. Faulk, head of the Domestic Science Department at Columbus, Ohio, Dr. C. G. Hopkins, head of the department of agronomy and agricultural chemistry of Illinois University, J. B. Strange, '01, Grand Ledge, and H. G. Bell, of Chicago, will talk on "Cement Construction on the Farm."

F. B. Spencer, a graduate of the Iowa State College in '97, called on Dean Bissell the past week. Mr. Spencer is with the Cheboygan Electric Light and Water Co., and was a student under Dean Bissell in Iowa.

"Dr. W. J. McKenney, (Veterinarian) Brooklyn, N. Y., has purchased a lot at the rear of his hospital, which will enable him to add 30 more stalls to his establishment, a fact which indicates that veterinary practice is not on the decline in the 'City of Churches.'"—*American Veterinary Review*.

The Department of Botany held open house Wednesday afternoon for the Michigan Ginseng Growers. Prof. Coons presented an exhibit of medicinal plants, and of drugs obtained from some in the crude form, as well as charts and specimens illustrating diseases of ginseng and other plants. About 20 of the growers were present.

That Guy L. Stewart, '95, who lost his life in a railroad accident recently, had hundreds of friends all over the country was evidenced by the number of beautiful floral offerings and letters of sympathy sent to the home in Gaylord. Prominent men in all lines of work, wherever Mr. Stewart's duties had taken him, were among those who took occasion to express their sorrow at his untimely death. It is reported that Wm. Osborne, the porter on Mr. Stewart's private car, was unable to survive his injuries, and died on Jan. 18.

Everybody reads **THE STATE JOURNAL**

BECAUSE

It completely covers the field of local news, politics, and the world of sports.  
Because its telegraph and correspondence service enable it to give its readers the latest general news of the day in advance of any other newspaper coming into Lansing.

Have **THE STATE JOURNAL** delivered to your home by carrier

**MICHIGAN FARMERS' INSTITUTES FOR FEBRUARY.**

COUNTY INSTITUTES.

St. Clair Co., Marine City, Feb. 1-2; Macomb Co., Armada, Feb. 1-2; Muskegon Co., Muskegon, Feb. 1-2; Charlevoix Co., East Jordan, Feb. 1-2; Ottawa Co., Zeeland, Feb. 2-3; Kalkaska Co., Kalkaska, Feb. 2-3; Barry Co., Hastings, Feb. 2-3; Allegan Co., Plainwell, Feb. 5-6; Lake Co., Luther, Feb. 5-6; Berrien Co., Buchanan, Feb. 6-7; Arenac Co., Sterling, Feb. 6-7; Cass Co., Cassopolis, Feb. 7-8; St. Joseph Co., Constantine, Feb. 8-9; Gladwin Co., Gladwin, Feb. 8-9; Branch Co., Coldwater, Feb. 9-10; Calhoun Co., Marshall, Feb. 12-13; Kalamazoo Co., Richland, Feb. 13-14; Hillsdale Co., Camden, Feb. 13-14; Lenawee Co., Adrian, Feb. 14-15; Ionia Co., Ionia, Feb. 14, 15-16; Jackson Co., Michigan Center, Feb. 15-16; Washtenaw Co., Saline, Feb. 15-16; Livingston Co., Howell, Feb. 16-17; Monroe Co., Dundee, Feb. 16-17; Wayne Co., Plymouth, Feb. 19-20; Shiawassee Co., Corunna, Feb. 20-21; Montcalm Co., Stanton, Feb. 22-23; Kent Co., Grand Rapids, Feb. 23-24; Oakland Co., Pontiac, Feb. 23-24.

**CORN SHOW**

The eighth annual meeting and corn show of the Michigan Corn Improvement Association met last week (Jan. 29-Feb. 3) at the Western State Normal School, at Kalamazoo. The usual number of prizes were given for the various varieties of corn shown, and, in addition, special prizes in the boys' and girls' contest and others, as given below:

BOYS' AND GIRLS.

1st. 10x20 silo, value \$110, donated by the Kalamazoo Tank and Silo Co., Kalamazoo, Mich.

2d. Half ton Lake Erie Fish Guano with phosphate and potash, value \$13, donated by the Jarecki Chemical Co., Sandusky, Ohio.

3d. Spring-tooth harrow, donated by the International Harvester Co., Chicago.

HAYES SPECIAL.

A Hayes Four Wheel Planter, two-horse, value \$40, given for the Grand Champion Single Ear.

PICKETT SPECIAL.

A silver cup was given for the best ear of Pickett Dent Corn exhibited at the show, grown from seed that has been purchased of Jesse W. Pickett of not more than two seasons. The cup is to be awarded annually until won three times in succession, it then becomes his property. The ear becomes the property of the M. A. C. for exhibition purposes.

While the exhibits were not so numerous as in some previous years,

**Hart, Shaffner &**

**Marx Clothes**

Spalding Sweaters  
Imperial and Knox Hats  
Heid Caps  
and  
Men's Wear that proves  
itself the world over.

Student Salesmen Saturdays

**The Mapes Co.**

207-209 South Washington Ave.

For years Lansing's Leading Clothiers.

**COLLEGE DRUG & GROCERY CO.**

HIGGS & BAUER, PROPRIETORS

**THE RIPLEY & GRAY PRINTING COMPANY**

Engravers Printers Stationers

LANSING, MICHIGAN

the quality was up to standard, and the display was one of the very best.

The special first prize offered to boys and girls was won by Master Earl Pickett, of Caledonia.

Mr. H. A. Winter, of Illinois, acted as judge, and also appeared on the program, giving several talks on corn culture.

'05.

Mr. and Mrs. Robert Ferguson, Pennsylvania ave., Lansing, report the birth of a son, Wednesday, January 31.

'09.

L. H. Belknap has changed from his connection with the Au Sable River Development Co. to a position as assistant engineer with the Detroit & Mackinac Railway Co. His headquarters are now at East Tawas.

'11.

Herbert Lossing is in the engine erecting department of the Folk Co., Milwaukee, and enjoys his work. His private address is 111 Tenth st.

'11.

L. B. Scott, with the Bureau of Plant Breeding, and located in California, writes that he is getting some very interesting results in orange and lemon plant breeding and selection work.

On account of the serious illness of her mother, Mrs. Bessey is spending an additional week at her old home, in Omaha.

**J. W. KNAPP CO.**

OFFER SPECIAL

**Inducements on Winter Merchandise**

Underwear, Hosiery, Handkerchiefs for Men.	
Munsing Wool Union Suits, the best \$3 grade.	Sale price \$2.25
Munsing Wool Union Suits, the regular \$2.50 quality.	Sale price 1.98
Munsing Fleeced Union Suits—sells at \$1.50.	Special sale price 1.19
Fleeced Union Suits, worth \$1.	Special sale price 75c
Silk Lisle Socks, 25c value—three pair	50c
Pure Silk Socks, all colors, 50c value—three pair	\$1.00
Handkerchiefs	5c, 10c, 20c, 25c
Bathrobe Blankets.	Bathrobes Made to Order

WE are especially well equipped to supply you with anything you may need in the line of CALLING CARDS, DANCE AND SOCIETY PROGRAMS

**Lawrence & Van Buren Printing Company**

**Jacob Reed's Sons**  
of Philadelphia

Are the largest manufacturers of COLLEGE UNIFORMS in the United States, and have won and maintain the business by sheer force of merit.

The Uniforms worn at Michigan Agricultural College are finished examples of our product.

**Jacob Reed's Sons**  
Makers of  
"Gold Medal Uniforms"  
1424-26 Chestnut St. Philadelphia

**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.

BAKED GOODS.

TRY THE NEW BAKERY—Where you can get Home Made Bread, Pies, Cakes, Cookies, and Doughnuts—just like mother makes. Also lunches. First door east of Delta Club. East Lansing Bakery.

BARBERS.

COLLEGE BARBER SHOP.—In Bath House, Warren—Henry—Andy. You get the best work here. Try it and see.

NEW BARBER SHOP. In Chase Building, under Bauer's Drug and Grocery Store. If you wish a stylish hair cut give us a call. E. E. Reynolds, Prop.

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 styles. Cut Glass—cut in Lansing.

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. 489. In City National Bank Building

CLOTHING.

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

THE MAPES CO.—Hart, Shaffner & Marx Clothes and Men's Furnishings. 207-209 Washington Ave. South.

CROCKERY AND GLASSWARE.

H. H. LARNEO.—China, Glass & Lamps. 105 Washington Ave. S.

DENTISTS.

N. H. MOORE, D. D. S. Office 411-413 Hollister Building, Lansing, Mich. Citizens phone, Automatic 9499

D. E. PARMELEE, Dentist, 117½ Washington Ave. S., Lansing, Michigan. Automatic phone, office 392; residence, 3908.

J. E. STOFFER, D. D. S. Office 203-5 City National Bank Bldg. Automatic phone 561; Bell phone 61. Former M. A. C. student.

DRUGGISTS.

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

DRY GOODS.

J. W. KNAPP CO.—Dry Goods and Furnishings. 226-228 Washington Ave. So.

MILLS DRY GOODS CO.—Dry Goods, Suits, Coats, Waists, Apr. Needle Work, Etc. 108-110 Washington Ave. South.

ELECTRICAL SUPPLIES.

CAPITOL ELECTRIC ENGINEERING CO.—Full line of Electrical Supplies, including students' shades and cords, carbon, tantalum and Mazda reading lamps. 117 E. Michigan Ave.

FURNITURE DEALERS.

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

HARDWARE, STOVES & TINWARE.

NORTON'S HARDWARE.—General Hardware, Tinware, Graniteware, Cutlery, Stoves, etc. 111 Washington Ave. S. See ad.

MANUFACTURING AND HAIRDRESSING.

MRS. O. T. CASE.—Manufacturing, Shampooing & Hairdressing Parlors. Switches made of cut hair or combs, also colored and renovated to look as good as new. The Franco-American Hygienic Toilet Requisites a SPECIALTY. Automatic phone 351. 25½ Washington Ave. S.

MUSICAL INSTRUMENTS.

GRINNEL BROS.—"Michigan's Leading Music House." High Grade Pianos and Player Pianos, sold on convenient terms. Everything in music and musical merchandise. Lansing Branch, 219 N. Washington Ave.

PHYSICIANS.

DR. OSCAR H. BRUEGEL. Hours, 7 to 8:30 a. m.; 2 to 4 and 7 to 8 p. m. Sundays, 12 to 1 and 5 to 6 p. m. East Lansing, Mich. Citizens phone 1314.

DR. H. W. LANDON, East Lansing, Mich. Office hours: 7 to 8:30 a. m., 12:30 to 2 and 6:30 to 8 p. m. Sundays, 10 to 11:30 a. m., 7 to 8 p. m. Citizens' phone 9228.

PRINTING.

LAWRENCE & VAN BUREN PRINTING CO.—210-212 Grand Avenue North. Fine Printing. Both Phones.

ALLEN PRINTING CO.—111 Grand Avenue south. Good printing. Office supplies. Engraved cards, programs, Mincey goods, loose leaf books, fountain pens. Bell phone 1094. Automatic phone 4006.

ROBERT SMITH PTG. CO.—Cor. Washington Ave. and Ionia St.

SHOE REPAIRING.

TRY KENDALL'S SHOP for Shoe Repairing. All work guaranteed. Machine or Hand Sewed Soles. Rubber Heels while you wait. Fine line of Confectionery Walter's old stand, Michigan Ave.

UNIFORMS.

JACOB REED'S SONS.—1424-26 Chestnut St., Philadelphia, Pa. Makers of "Gold Medal Uniforms."