

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

Vol. 9.

LANSING, MICHIGAN, TUESDAY, NOV. 24, 1903.

No. 10

M. A. C. 45—OLIVET 0.

A crowd of 800 saw the last game of the season last Saturday. Olivet has a heavy team and flushed by their recent victory over Alma they came here to roll up a big score. Their surprise can be imagined better than described. In fact there were surprises on both sides.

Captain Bell won the toss and Olivet kicked off to Lampke. Line plays netted good gains. Olivet seemed unable to hold M. A. C. at any point. The fifth play was an end run of 45 yards around Brown by McKenna for a touchdown. Millar kicked goal. Time three minutes. Olivet could not advance the ball and was forced to punt and after a few plays Decker scored on a quarterback kick by Small. Olivet was forced to punt and McKenna was soon pushed over for the third touchdown. Millar converted both into goals. Olivet lost a fumble and on the third play Peters made a touchdown. The attempt for goal failed. The ball was again rapidly advanced to the 25-yard line. It was the third down with 6 yards to gain. The signals were given for a place kick. Decker passed the ball perfectly, McKenna made a good catch and Small executed a neat place kick. Score, M. A. C. 28, Olivet 0.

Olivet now secured the ball on a fumble after the kick-off and tried for a place kick from the 40-yard line, but the ball was fumbled on account of a poor pass. Shaw made 35 yards on an end run and McKenna added 20 more for a touchdown. Millar kicked goal. Line plays again took the ball down the field, and Doty was soon pushed over for a touchdown which Millar converted into a goal. The half ended with the ball in M. A. C.'s possession on Olivet's 45-yard line.

M. A. C. kicked off to Olivet and after an exchange of punts McKenna with the aid of excellent interference ran through the entire Olivet team for a touchdown. Punts were again exchanged, and after several plays Lewis broke loose and made 30 yards before being downed. Olivet fumbled and Bell made 20 yards on a line play. The ball changed hands several times and the half ended with the ball in Olivet's possession on her 30-yard line. Olivet played good ball the second half and M. A. C. eased up a little. The final score was M. A. C. 45, Olivet 0.

LINE-UP.

M. A. C.		Olivet.
Decker	c.	Winslow.
Lampke, Peck	r. g.	Nevins.
Case	l. g.	Bishop.
Kratz, Ashley	r. t.	Bair.
Bell (Capt.)	l. t.	Betts (Capt.)
Shaw	r. e.	Brown.
Millar	l. e.	Gray.
Small	q.	Ball.
McKenna	r. h.	Arnold.
Peters, McDermid	l. h.	Lewis.
Doty, Kramer	f. b.	Thatcher.

Referee and Umpire, Schule, U. of M. Timekeepers, Hopkins, M. A. C., Knapp, Olivet. Linesmen, Taber, M. A. C., Felton, Olivet.

THAT ALBION GAME.

The reporters from Albion seem to labor under a strange delusion. The RECORD does not believe that the *Pleiad* and reporters are willfully falsifying their reports, but that it is simply a case of don't know or haven't heard. In the first place referee Fishleigh did not make a final decision of the game at the time it was played. Both sides made a touchdown and both sides kicked goal. The only question was whether more than one man was allowed to handle the ball after a touchdown. Fishleigh did not caution M. A. C. as reported in the *Pleiad*, to beware of passing the ball to another man. The *Pleiad* also says that between the halves, Fishleigh and Schule in the presence of coaches and captains decided that the goal did not count. This is utterly at variance with the facts, and the *Pleiad* has no moral or legal right to publish such a statement. It was discussed but no decision was reached.

After the game, Coach Nufer, Prof. Kimball and Bechtel, of Albion, Director Brewer, Manager Haftencamp, and McKenna of M. A. C., together with referee Fishleigh, met in Brewer's office. Fishleigh said he would submit the disputed point to Yost, Fitzpatrick and Darby before rendering a final decision. This was accepted by all present. He submitted the case to these experts and their unanimous decision was that M. A. C. was entitled to the point. Fishleigh then wrote letters to Brewer and Nufer explaining the whole matter and deciding the game 6 to 6. Perhaps Nufer had not received the decision when Albion made her claims in the public press. They evidently wrote to Walter Camp and he said that the referee's decision would hold on all points not covered by a rule. The decision is now in writing and M. A. C. agrees with Albion in this respect. The score is 6 to 6, and that is all there is to it.

In the M. I. A. A. games M. A. C. has scored 116 points and her opponents 6, and those on a fumble almost on the line. Albion has secured 55 points while her opponents got 29. M. A. C. has not been beaten this season by Michigan teams. Albion received a stinging defeat from Alma with a score of 17 to 5. Where Albion can claim any championship honors is more than a sane man can understand. M. A. C. claims the championship and is entitled to it and defies Albion to show one logical argument to the contrary.

THE OUTLOOK IN CHINA.

China, the "Sphinx of the Ages," is a land whose customs and traditions continue to afford a fruitful source for inquiry and speculation. Her peculiar social institutions, her ancient religious systems, her political organizations, her novel means of transportation, her art and her varied industries, are full of interest

to those who seek to learn the secret of her permanence as a nation.

The commercial world is recognizing the fact that the Chinese Empire has a great future, as it develops under the influences of Western Civilization. Her recent census, which places the population at 432,000,000, reveals something of the possibilities of this land as a vast future market for western products. The United States, quick to recognize its opportunity, is constructing ships for the prospective increase in her trade with the East, while Russia's great trade route across Siberia has now brought London within nineteen days of Shanghai.

The outlook for Christian missions in China is likewise most encouraging. The fact that missionaries have been welcomed back to cities of Shansi that were the storm centers of the anti-foreign uprising of 1900 is but one of many indications of China's friendly attitude towards Christianity. During 1902 1,084,000 portions of the scripture were sold from the Shanghai depot of the British and Foreign Bible Society alone.

The China Inland Mission has 732 missionaries on the field. Its aim is the evangelization of China's inland provinces in which the society maintains some 300 stations. It is international and interdenominational in character, having home centers for its work in the United States, Canada, England, Scotland, Germany, Sweden, Australia, Tasmania, and New Zealand, with headquarters at Shanghai, China.

C. E. PARSONS, with '02.
Home address, 702 Witherspoon Bldg., Phila., Pa., U. S. A., China Inland Missions.

Foreign address, Shanghai, China, China Inland Mission.

THANKSGIVING NOTICE.

There will be no classes on Thanksgiving day. All classes will recite as usual on Friday. Students wishing to go home can secure excuses from their class officers but no excuses will be granted for Monday.

THANKSGIVING GAME.

According to present arrangements, M. A. C. will play the Ferris Institute next Thursday. The Institute played a close game with Alma. Yost said that they were the pluckiest players Michigan had met up to that time. An interesting game may be looked for.

The zoological department has recently sent cases of insect specimens to the high schools at Alpena, Belding, Cadillac, Calumet, Iron Mountain, Ithaca, Jackson, Kalamazoo, Marine City and Marquette. The cases are very useful as well as beautiful. The replies from the different superintendents indicate that they are appreciated. The department has put a great deal of time on these cases and they do much to induce young people to collect and study insect life.

ALUMNI.

'74.

Henry A. Haigh is treasurer and quarter owner of the Rochester & Eastern Rapid Railway, which has just been opened for traffic. This is a high grade interurban electric line running from Rochester to Geneva in the state of New York and connecting about a dozen intervening villages. This road is the latest exploitation of Mr. Haigh, and is pronounced one of the best and most up-to-date electric properties in the country. It is 50 miles long and is built entirely upon private right of way, of 70 and 80 pound steel, concrete abutments, steel bridges, and with separated grades for all steam road crossings. The rolling stock is of superior quality and equal to that of the best steam roads, the passenger coaches being 52 feet long, finished in solid mahogany and equipped with every device for safety, convenience and comfort. It is expected that these cars will compete in speed and time with the trains of the New York Central, which road the line parallels. Among other similar enterprises with which Mr. Haigh has been connected are The Detroit, Ypsilanti, Ann Arbor & Jackson Railway, 100 miles, and the Toledo, Fremont & Norwalk Electric, 65 miles, and now forming the west half of the Lake Shore Electric.

'79.

L. G. Carpenter, professor of Civil and Irrigation engineering at the Colorado Agricultural College, discussed the subject, "Methods and Value of Securing Irrigation Supplemental to Rainfall for Humid and Semi-Arid Districts," at the meeting held in Washington, D. C., last week. Prof. Carpenter has become a recognized authority on irrigation.

'90.

F. B. Mumford, professor of Agriculture in the University of Missouri, had an article on, "Experiments in Animal Breeding," at the recent meeting of the association of American Agricultural Colleges and Experiment Stations held in Washington, D. C.

'92.

Chas. R. Winegar, traveling salesman for the Cleveland Paper Manufacturing Co., recently visited Lansing on a business trip. Mr. Winegar is looking very hearty and is growing fat.

With '95.

A. N. Clark, chief chemist and assistant superintendent of the Alma sugar factory, has resigned his position. It seems that the Sugar Trust has secured control of the factory and from present indications the days of the Michigan factories are numbered.

With '97.

E. E. Strickland has been abroad for two and one-half years. He recently returned to the United States and is now located at Los Angeles, California.

THE M. A. C. RECORD.

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TUESDAY, NOV. 24, 1903.

ALUMNI.

'00.

E. W. Ranney, traveling salesman for the Ranney Manufacturing Company of Greenville, attended the M. A. C.-Olivet game last Saturday. Ranney was captain of the M. A. C. team in '99 and was one of the best players M. A. C. has ever had.

C. H. Parker and W. T. Parks have recently accepted the positions of General Manager and Vice President of the Sanitary Milk Co., of Grand Rapids, Mich. Both are heavy stockholders, the capitalization of the Company being \$50,000.00.

Alice M. Cimmer, who has charge of Domestic Science in the Battle Creek high school, recently visited M. A. C. She enjoys her work and has made it a success.

C. H. Spring is drafting for the Cadillac Automobile Co. of Detroit. He can be addressed at 1214 Jefferson Ave.

Miss Bertha Malone, is teaching mathematics and German in the High School at Centerville, Iowa. She writes that she is enjoying her work. Centerville is a mining town of about eight thousand, with over two hundred enrolled in its high school.

'01.

S. J. Kennedy is connected with the Frances E. Clark settlement of Chicago. He illustrates for Rothchild & Co. and attends the Art Institute evenings. He writes that life at the social settlement is very interesting and beneficial.

R. S. Northrup, Instructor in Horticulture at Cornell, will visit M. A. C. during the holidays.

With '01.

T. J. Pashby is traveling for the Natural Food Co. of Niagara Falls. This firm manufactures Triscuit which is composed of whole wheat and is baked by electricity.

Wm. D. Carew of Grand Rapids is head draftsman for the Grand Rapids Gas Co. in the mapping department.

'02.

M. B. Stevens is field agent for the U. S. Department of Agriculture, division of agrostology. He has spent the summer in the Gulf States, the Carolinas and Arkansas. He has had a week's vacation and stopped at M. A. C. for a few days on his return to Washington where he will spend the winter getting out his reports. He enjoys his work very much.

'03.

F. J. Phillips is located in Passadena, California, at present collecting seeds for the U. S. Department of Agriculture.

W. Morton Barrows writes that his work at Harvard is interesting but that there is plenty of it. He attended the Yale-Harvard game last Saturday.

With '03.

Miss Hannah Bach is spending the week with Mrs. Marshall. She is studying music in the Detroit Conservatory. Rumors are afloat that N. A. McCune, '01, is expected to arrive at M. A. C. in a few days. It is to be distinctly understood, however, that the above visits were not premeditated, though mentioned in the same paragraph.

With '06.

A. H. Welch is on his father's fruit farm near Douglas, Mich. He expects to return to M. A. C. next year to complete his course.

Clarence Moan is studying in Drake University, Des Moines, Ia. He intends to return next year to complete his course in M. A. C.

MICHIGAN FARMERS' INSTITUTES. DECEMBER 1-13, 1903.

Two-day institutes have been arranged as follows:

Crawford county, at Grayling, Dec. 1-2, and Montmorency county at Atlanta, Dec. 3-4. State speakers, Peter Voorheis, Pontiac; R. J. Crawford, Armada, and Mrs. Emma A. Campbell, Ypsilanti.

Lake county, at Luther, Dec. 1-2 and Kalkaska at South Boardman, Dec. 3-4. State speakers, L. W. Oviatt, Auburn; H. B. Cannon, Rochester, and Mrs. Carrie Ives Saunders, Saginaw. Prof. W. H. French, Lansing, will also speak at Luther.

The following one-day meetings will also be held:

Eaton county, at Chester, Nov. 30; Vermontville, Dec. 1; Kalamo, Dec. 2; Bellevue, Dec. 3; Dimondale, Dec. 4. State speaker, W. F. Raven, Brooklyn.

Mecosta county, Milbrook, Dec. 1; Remus, Dec. 2; Big Rapids, Dec. 3, and Morley, Dec. 4. State Speaker, E. A. Croman, Grass Lake.

Ingham county, Leslie, Dec. 2; Onondaga, Dec. 3; Stockbridge, Dec. 4. State Speaker, N. P. Hull, Dimondale.

Midland county, Poseyville, Dec. 7; Smith's Crossing, Dec. 8; North Homer, Dec. 9; Crane, Dec. 10; Hope, Dec. 11, and Coleman, Dec. 12. L. W. Oviatt, Auburn, state speaker.

Genesee county, Otisville, Dec. 8; Goodrich, Dec. 9; Swartz Creek, Dec. 10. State Speaker, E. A. Croman, Grass Lake.

Ottawa county, Spring Lake, Dec. 8; Cooperville, Dec. 9; Lamont, Dec. 10; Hudsonville, Dec. 11; New Holland, Dec. 12. State

Speaker, M. L. Dean, Agricultural College. John Michels, Agricultural College will also be present at Coopersville, Lamont and Hudsonville.

O-ceola county, Marion, Dec. 8; Evart, Dec. 9. State Speaker, J. W. Cochrane, Midland.

Emmet County, Pellston, Dec. 9; Epsilon, Dec. 10; Readmond, Dec. 11; State Speaker, C. H. Alvord, Camden.

Isabella County, Herrick, Dec. 8; Brinton, Dec. 9; Weidman, Dec. 10; Broomfield, Dec. 11. State Speaker, N. I. Moore, Jonesville.

Manistee County, Yates, Dec. 8; Bear Lake, Dec. 9; Manistee Township, Dec. 10. State Speaker, R. J. Crawford, Armada.

Leelanau County, Maple City, Dec. 9; East Leland, Dec. 10; Northport, Dec. 11; Bingham, Dec. 12. State Speaker, H. B. Cannon, Rochester.

Houghton County, Chassell, Dec. 9; Hancock, Dec. 10; Calumet, Dec. 11; Lake Linden, Dec. 12; Atlantic Mine, Dec. 14; Allston, Dec. 15. State Speaker, L. M. Geismar, Chatham.

Y. M. C. A.

Owing to the fact that the chairs had been taken from the Y. M. C. A. room sometime Thursday afternoon for use in the armory there was no regular meeting Thursday evening, but instead there was a short song service.

Chapel services Sunday morning were conducted by Rev. French, pastor of the Central M. E. church, Lansing. A very interesting sermon was preached from 1 Cor. 3: 18, "Let no man deceive himself. If any man among you seemeth to be wise in this world, let him become a fool, that he may be wise." The

speaker brought out the idea that the saddest and most dangerous deception is self deception.

The service was held in the armory and was well attended.

President W. N. Ferris, of the Ferris Institute, Big Rapids, addressed a large and appreciative audience in the Armory Sunday evening. His theme was "Making the World Better." It was presented in Mr. Ferris' characteristic way and with that force, directness and positiveness that makes Mr. Ferris the successful lecturer he is and that carries sure conviction of the unerring truth of his statements.

The lecture may be summed up in the life of Jesus Christ. The principles of brotherly love and that spirit which "in honor prefereth one another," was so clothed in the guise of common everyday life as to lend new emphasis and create a renewed determination to more perfectly practice the Golden Rule.

The attendance was over 800 and all were more than pleased with the address.

The Hesperian Society entertained their friends in a novel manner Saturday evening. The rooms were disguised as a Dutch beer garden with a bar in one corner, over which were served various Dutch viands such as sausage, cheese and pickles. "Liquors drawn from the wood" were lemonade and sweet cider. A program along the order of continuous vaudeville served to provide amusement, and at the close of the evening each young lady carried away a small stein as a souvenir. Bill of fare: Hot dogs, Pingres Pickles; Saratoga Poker Chips; Red Top Rye; Amber Cream (Lansing's best); Ancient Limburger; Pigs Feet. Mr. Gunson kindly acted as chaeron.

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ABOUT THE CAMPUS.

Miss Alice Strong, of Portland, Oregon, is visiting her friend, Mrs. U. P. Hedrick, for a few weeks.

Pearls formed the principal subject of the zoological club at its last session. Color changes in mammals were also considered.

Dr. Marshall has fitted up a room for the study of milk. Hygienic problems, aeration, and dairy bacteriology will be investigated.

Prof. L. R. Taft will speak in Leamington, Ontario, before the Ontario Fruit Growers Association on peach growing in Michigan.

The district school closes Thursday and Friday for the Thanksgiving recess. The plan of half day sessions has proved very successful.

The Thursday evening Y. W. C. A. prayer meeting was conducted by Miss Cora Feldcamp. After the Bible lesson from Matt. v., the leader gave a helpful talk on, "Our example and what shall it be?"

Mr. C. H. McGugan has resigned his position as stenographer and has accepted the management of the co-operative book store. The association is to be congratulated in securing such an efficient and genial manager.

Miss Georgiana Blunt, formerly assistant professor of English at M. A. C., is doing advanced work in the University of Michigan. She selected Michigan in preference to Cornell and is working for the doctor's degree.

The December *Harpers* is a very attractive number. The illustrations

are especially good and the subject matter is interesting. It is one of the most artistic numbers that has been issued, though *Harpers* is famous for its general make-up.

Prof. Shaw and Mr. Norton have branded the cattle which are to be used for experiment purposes. Hair brands have been used. These are easily made and are very conspicuous. The letters of the alphabet have been used to distinguish the different individuals.

The drawing department has issued a 30-page pamphlet on mechanical drawing for the sub-freshmen and freshmen years. It gives full instructions for the plates and for blue-printing. Many valuable hints not found in ordinary texts are also given.

Four senior women are engaged in the making of cheese. They use the granular process to make American cheese on the home plan. Their first cheese weighed about 15 pounds and took four hours to make it. The cheese will be ready to use by Christmas and promises to be a fine one.

Dr. Beal is trying to increase the number of plants in the botanic garden. He has ordered 104 new plants and 3 new kinds of seeds from Hoisford, of Vermont, 52 plants and 31 kinds of seeds from Andrews of Colorado, 7 plants from Gillett and 3 kinds of seeds from Kelsey, both of Massachusetts.

Nematodes are attacking the plants in the greenhouse. This is a new condition here though the

trouble has been prevalent elsewhere. These worms live in the soil, attack the roots of plants, causing galls and finally death. Mr. Pettit is preparing a series of experiments to exterminate these pests.

On account of the entertainment last Thursday evening and Thanksgiving this week, the debate on the Negro question has been postponed till December 3. The affirmative side will be supported by Mr. Masselink and Prof. W. O. Hedrick, and the negative by Dr. Edwards and Mr. Gunson.

Charles G. Fox, an employe of the horticultural department and son of C. J. Fox, night watchman at the College, was found dead near his home Thursday night. He was subject to epileptic fits, the result of a sunstroke received while playing ball. Death was due to paralysis of the heart. The College community extends sympathy to the family and friends.

Deputy Sheriff Sherman arrested six men who were hunting under prohibition in the College woods on Sunday. They were all from Lansing. Large conspicuous signs have been posted but no attention had been paid to them so somebody had to be made an example. It is hoped that this will serve as a lesson to other prowlers, but if it does not Mr. Sherman is still in office.

Dr. Beal, Dr. Marshall and Instructors Pettit and Longyear attended a council meeting of the Michigan Academy of Science at Ann Arbor on Saturday, Nov. 14. It was decided to hold the next

meeting at Ann Arbor the last of March. It is needless to add that the Michigan-Wisconsin game proved a strong attraction and it is authoritatively reported that all the above named gentlemen saw the game. Prof. W. O. Hedrick, Director Brewer, Prof. Vedder and Instructor Hopkins also went to Ann Arbor that day.

C. D. Woodbury, L. B. McWethy, and V. R. Gardner were initiated into the mysteries of the Kedzie chapter of Alpha Zeta Tuesday last. The officers for the term are: W. Chan., Geo. C. Morbeck; W. Cen., C. L. Brody; Hist., W. J. Wright; Scribe, A. B. Rogers; Treas., H. N. Hornbeck. The chapter is using its influence toward having chapters organized in Purdue and Wisconsin and hopes to see them in operation by the first of the year.

The October report of the State Dairy and Food commission was recently received by the M. A. C. RECORD. 18 samples of food products were examined in October of which 5 were pure and 13 adulterated. Pepper seems to be the worst one. Corn meal, ground olive pits and an excess of sand seem to be the chief sources of adulteration. The comment on most dairies is the lack of light and ventilation in the stables and the want of yards. The creamery and cheese factory reports are very favorable. R. E. Doolittle, '96 and L. H. Van Wormer, '95, are the analysts. Both are experts in the work and their results are reliable.

CARD OF THANKS.

Mr. and Mrs. Charles Fox and family wish to extend their grateful thanks to their many friends in Collegeville and Lansing for expressions of sympathy shown at the death of their son, Guy, and also for the many floral offerings.

DOMESTIC SCIENCE COURSE.

During the past three weeks the young women of the Freshman and Sub-Freshman years have been obtaining their practice in waitress work in the big dining room occupied by Club C in the Women's Building. The meals have been made very attractive as served by twenty waitresses in uniform. The young women of the Senior class are occupied with the study of the serving of a course dinner. Including specials the class numbers thirty, more than double its enrollment in former years. The object of the course is to give the knowledge necessary to the preparation and serving of meals at a given cost, in accordance with the standard dietary, and with a formal, attractive service. The results depend upon a good cook, a shrewd and careful manager, a deft waitress and an entertaining hostess. Much interest is aroused as each young woman fills one of these offices in turn. The preliminary work just completed has been the serving of a full course dinner in which process a knowledge of the value, position and relation of each course has been gained. Each section has had complete charge of one such dinner. The section of specials entertained the senior young women at five o'clock Saturday, Nov. 7.

The following menu was served:

- Oyster Cocktails
- Brown Bread Sandwiches
- Lemon Consomme
- Bread Sticks
- Planked Fish
- Lettuce Salad
- Creamed Potatoes
- Canapes
- Jellied Boned Chicken—Bearnaise Sauce
- Finger Rolls
- Sweet Bread Patties
- Grape Sherbet
- Larded Fillet of Beef—Farina Balls
- Franconia Potatoes
- Asparagus Salad
- Saltines
- Queen Fritters—Maple Syrup
- Biscuit Tortoni
- Iced Orange Sauce
- Fondant Cakes
- Coffee
- Wafers
- Club House Cheese

The Section of Senior women gave their dinner on Saturday, November fourteenth, at five o'clock. The guests were Mrs. Snyder, Mrs. Weil, Mrs. Stevens, Mrs. Gilchrist and the instructors in the Women's department.

The menu served was:

- Shrimp Canapes
- Tomato Bouillon
- Toasted Crackers
- Planked Fish
- Maitre d'Hotel Butter
- Potato Puff—Cabbage Salad
- Baked Peppers
- Veal Cutlets
- Peas
- Crescent Rolls
- Creamed Sweet Breads in Timbale Cases
- Cranberry Sherbet
- Roast Turkey
- Bread Stuffing
- Sweet Potato Croquettes—Giblet Gravy
- Coronation Salad
- Sandwiches
- Omelette Soufflee
- Bombe Glaze
- Chocolate Nougat
- Coffee
- Celery
- Cream Mints

Mrs. Smith has been seriously ill all fall. The disease was at one time pronounced sarcoma, but since then Dr. V. J. Willey of Ann Arbor, has made X-ray photographs

and there seem to indicate that the bone is not affected. At the present writing she is quite comfortable and seems to be improving.

It may be of general interest to note that Messrs. Bowen and Valenzuela, of South America, are doing excellent work in the wood shop under Instructor Krentel. Although they have difficulty in understanding English, yet their mechanical skill is not affected. Both are hard workers and will make a success.

WASHINGTON CONVENTION.

The Seventeenth Annual Convention of the Association of American Agricultural Colleges and Experiment Stations was a decided success from the standpoint of attendance as well as of interest. M. A. C. was largely represented. The following is a correct list as far as known: W. W. Tracy, Sr., '67; C. E. Thorne, with '70; J. H. Tibbits, '73; Eugene Davenport, '78; S. G. Carpenter, '79; L. H. Bailey, '82; C. M. Weed, '83; H. T. French, '85; L. H. Dewey, '88; F. H. Hillman, '88; L. A. Clinton, '89; H. E. Weed, '89; F. B. Mumford, '90; K. L. Butterfield, '91; C. F. Wheeler, '91; L. J. Briggs, '93; W. W. Tracy, Jr., '93; D. J. Crosby, '93; Mrs. D. J. Crosby, '93; C. B. Smith, '94; H. W. Lawson, '95; C. P. Close, '95; R. E. Doolittle, '96; L. S. Munson, '97; F. W. Robison, '98; Mrs. G. N. Eastman, '99; C. F. Austin, '99; G. E. Chadsey, '01; M. L. Ireland, '01; M. A. Crosby, '02; W. K. Wonders, '02; J. W. Nelson and J. C. Hogen-son, graduate students last year; President Snyder and Mr. Graham of the State Board. President Snyder was appointed a member of the executive committee, which has charge of the program and legislation during the next session of congress.

FARMERS' CLUB.

A regular meeting of the M. A. C. Farmers' Club was held Wednesday, November 11. Prof. Michels gave a talk on the subject, "The variation in percent and production of butter fat by the dairy cow." In his talk he considered the two factors, 1st, the characteristic of the cow, and 2nd, her care, management, and feeding by the dairyman. In short, he taught that the dairy cow, like a machine, responds accordingly as she is housed, handled and fed, and her capacity for food is kept supplied with a balanced ration. That while the average production of butter fat per cow in Michigan is 186 lbs., the dairymen and farmers could, if they would, grade their herds to 300 lbs.

The next meeting will be held Nov. 18, at 6:30, in the Agricultural building. Prof. Bogue will give a talk on some phase of the Forestry problem in Michigan.

All are invited to come.

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