

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

Vol. 9.

LANSING, MICHIGAN, TUESDAY, FEB. 23, 1904.

No. 22



The above presents to our readers a cut of Miss Elva Davis who represents M. A. C. in the Seventh Annual Oratorical Contest in Adrian on March 5.

Miss Davis is a member of the present junior class and belongs to the Thesian Society. The subject of her oration is Alexander Hamilton. This is the first time that a woman has represented M. A. C. All wish her success.

WASHINGTON'S BIRTHDAY PARTY.

The sophomore women assisted by the sub-freshmen had charge of the party at the woman's building. An informal reception was held after which those present formed into a grand march through the corridors and into the gymnasium. Here there was music and dancing. The girls were kept busy nearly all of the time as there were two men for each woman. The society rooms and the corridor on the second floor were called into use since the gymnasium proved too small. Messrs. Robinson and Netzorg furnished the music. Those who did not dance wrote poetry. A sample follows:

To Washington our greatest man,
We dedicate this ode,
But for his reputation,
This may prove too great a load.
So we will write but little,
And trust that his great fame,
Will not need our gem of beauty,
To perpetuate his name.

The young women were dressed in colonial style. Most of the costumes were very attractive and indicated artistic taste. Refreshments were served in the dining-room. All had a good time and voted the ladies excellent entertainers and the party a decided success.

Instructor Shedd visited his brother in Bay City over Sunday.

GEORGE WASHINGTON DINNER.

Pres. and Mrs. Snyder entertained the Senior class at their home on the evening of Feb. 22. Over 60 were present. The dining room and halls were decorated with bunting and flags. The menu was as follows:

Columbia, the Gem of the Ocean
Fourth of July Crackers
Roast American Eagle
Bostonian Potatoes Independence Peas
Martha Washington Rolls
Virginia Cherries
Molly Stark Pickles
General Green Salad with
Lafayette Dressing
Revolutionary Cannon Balls
American Pie

Liberty Cake Old Government Java

After partaking of this feast, W. J. Wright, toastmaster for the occasion, opened the program of wit, humor and reason. The toasts were responded to in an able manner as follows:

The Colonial Fathers, L. T. Clark.

The Co-eds, J. W. Decker.
Clarinet Solo, J. H. Prost.
Naughty-Four, G. G. Robbins.
Alma Mater, Miss Pickett.
Ties, R. J. Baldwin.
The Fellows, Miss Palmer.
What Next, J. G. Palmer.

An examination on colonial history was held after this and was won by Miss Palmer. The guessing contest on the flags of the different nations was won by Miss Barrows.

Toward midnight, the seniors wended their way homeward, all voting Pres. and Mrs. Snyder royal hosts. The event will long be pleasantly remembered by the members of naughty-four.

THE JUNIOR HOP.

On Friday evening of last week the class of 1905 gave the twelfth Junior Hop in the history of this institution. It is interesting to trace the development of the Junior Hop at M. A. C. In the past twelve years it has grown from an informal dance, held in the rooms of some one of the literary societies to the most formal of all our College functions. The present Junior class spared no pains to make their hop a grand success.

A reception was held in the Woman's building at 7:30 o'clock. Here a rather novel scheme was carried out. The reception committee and class officers formed a line and as each couple passed along they took their place at the end of the line. In this way everybody met everybody else.

At eight o'clock all proceeded to the dining-room where 134 sat down to banquet to '05. The tables were prettily decorated in blue and white, at each place was a bunch of blue violets and white violets were scattered over the blue ribbons which ran diagonally across the tables. A delightful banquet was served by 23 freshmen girls under the supervision

of Miss Lyford. Finzel's orchestra from Detroit furnished music which greatly added to the enjoyment of the banquet and gave promise of still greater joy in the dance which was to follow. Mr. H. S. Hunt made an able toastmaster, and called for responses to the following toasts: "Our College Home," Mr. J. P. Haftenkamp; "The Banquet," Miss Kate M. Coad; "The Past," Mr. P. H. Wessels; "The Future," Miss Zoe Benton; "The Girls," Mr. C. L. Auten. All the toasts were exceptionally good. All increased the feeling of good-fellowship in '05, and love for M. A. C. The electric lights went out during the toasts but the candles which took their places only added to the charm of the occasion.

After the banquet all proceeded to the Armory which was decorated as it never had been before. It was painted white for the occasion; an immense blue and white Michigan flag covered the entire west wall; blue and white bunting decorated the walls and ceilings; the corners were made really cozy with screens, palms, divans, and masses of pillows; and 1905 in electric lights was placed over the west door.

The grand march was led by Mr. H. S. Hunt and Miss Mable Mack. The "Spiral" and "Bridge" figures were especially pretty. Seldom has such music been heard at M. A. C. as was furnished by Finzel's Orchestra. Their "Sleigh Ride Party" and "The Storm" were well done and much appreciated.

The patrons of the evening were Prof. and Mrs. H. K. Vedder, Prof. and Mrs. U. P. Hedrick, and Prof. and Mrs. C. L. Brewer.

There was some excitement in the evening when the "Sophs" tried to introduce a pig, but the attempt was unsuccessful.

The Junior Hop is a never-to-be forgotten event and those who attended this one will ever remember it as one of the happiest events of their college life. R. C. F.

'96.

L. R. Love has resigned his position as Superintendent of Parks and Greenhouses at the Michigan Asylum for the insane at Kalamazoo and expects to go into the greenhouse business for himself in the near future. He visited M. A. C. early this month.

'98.

Geo. Richmond, instructor in physiological chemistry in the University of Michigan, has left for the Philippines. He will engage in chemical work for the U. S. government at Manila. A large laboratory is being equipped.

With '98.

The annual report of Harvard University contains the following about L. J. Cole. Resident graduate student, 1902-'03—Student of zoology at this university. Austin Teaching Fellow in zoology and second-year graduate student. Mr. Cole holds one of the Edward Austin Fellowships in science.

ALUMNI.

'76.

R. A. Clark, manager for Pennsylvania and West Virginia, Phoenix Mutual Life Insurance Co., has been awarded second place on the Honor Rolls of the company as a result of a contest in writing insurance among the different general agencies. The measure of the year's work was the increase in business paid for and reported during 1903 over that of 1902. Mr. Clark has copyrighted a little pamphlet, entitled, "Did it ever occur to you," in which he presents some interesting insurance facts in a very striking way.

'78.

Prof. James Troop of Purdue University is president of the Burton Fruit Co. of Mitchell, Ind. This company means to produce apples for the market and incidentally show that Indiana soil is capable of producing that fruit profitably. They have fifty acres of bearing trees principally Winesaps, Rome Beauties, Grime's Golden and Jonathans. Fifty acres more will be put out in the near future. Prof. Troop thinks the soil and climate well adapted to apples especially since the tempering influence of the lake can be noticed.

With '86.

James A. Jakway is a successful fruit grower at Benton Harbor. He took a prominent part in the Berrien Co. horticultural meeting.

'88.

The Michigan Farmer Feb. 20 contains a cut and a brief sketch of the work of C. B. Cook. Mr. Cook is associational director of the state farmers' clubs.

With '90.

Geo. S. Jenks is assistant manager of the American Sheet Steel Co. His headquarters are now in the Frick Building at Pittsburg, Pa., instead of in New York City.

'93.

A. T. Stevens is a fruit grower near Benton Harbor. Last year was a success in his line. He raises peaches and small fruits. He spends the winter months teaching school.

With '95.

G. H. Swift has charge of the work for the Scranton Correspondence School in the Manistee district. He lives in Grand Rapids at present but expects to move to Manistee in the near future.

With '01.

Clyde L. Dean is drafting for the Minneapolis Steel & Machinery Co. He is getting a great deal of good experience and enjoys his work. Since leaving College he has seen but two M. A. C. boys. His address is 2830 Chicago avenue, Minneapolis, and he would be pleased to receive letters or a visit. There are quite a few alumni in Minneapolis. Why not organize an M. A. C. club and renew old acquaintances, recount stories and "swap lies?"

THE M. A. C. RECORD.

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TUESDAY, FEB. 23, 1904.

WASHINGTON'S BIRTHDAY EXERCISES.

A fairly representative crowd attended the exercises held in the Armory on Monday morning. Devotional exercises were conducted by Rev. Edwards. The M. A. C. glee club furnished several selections of music and the audience sang The Star Spangled Banner and America. Chief Justice J. B. Moore was introduced by Pres. Snyder as the speaker for the occasion. He gave a brief sketch of America's progress and dwelt particularly upon a few of the principal events in our history. The first point taken up was the battle on the Plains of Abraham which decided the supremacy of the English in America and gave the people the right to choose their own form of government. It was considered the most important event in American history.

The causes and results of the revolutionary war were briefly mentioned. Washington's work in the war was pointed out and his services as first and second president. His work in the Constitutional Convention of 1787 and his farewell address were given more prominence. His advice to make education general and the effects of this were described in an able and very interesting way. Judge Moore contrasted the early condition of the public schools of Michigan, when each one paid according to the number of children sent, with the present system of taxing all property for the support of our educational system. Ignorance results in crime, makes property unsafe, and destroys the principles of our government. Because these things are true, it is just that all property should be taxed for the support of schools and colleges.

The corruption in city, state and national affairs received attention. The judge, however, was still optimistic and saw many signs that public morals were still alert. It is the duty of the 85,000 young men and women educated in Michigan colleges to so mould public sentiment that the ideals and honesty of public life shall be the same as in private life.

The address closed with a reference to the position of the United

States among the nations of the earth. The time is coming when 300,000,000 will swear allegiance to the Stars and Stripes and when Chicago will be the financial center of the world.

The judge spoke without notes. The address was instructive and gave the audience new faith in the future greatness of our country.

HORTICULTURAL CLUB.

The Horticultural Club met last Wednesday evening. Charles G. Woodbury, '04, gave a talk on a lot of specimens of native and ornamental trees and shrubs, which he received from R. T. Stevens, of Santa Barbara, Cal. Among the number were a branch and fruit of the California pepper tree, St. John's bread fruit, mountain cypress, Bird of Paradise flower seed, Acacia, and Sea Urchins. The specimens were passed around for each one present to examine while listening to a few words of explanation given by Mr. Woodbury. These were very interesting forms to examine, showing what various and wonderful ways nature has to produce the seeds of her plants. A paper written by Frank C. Reimer, '03, Assistant Professor of Horticulture in the Experiment Station of Florida, was read. The paper was on the Horticulture of Florida, and described the state in general, its people, fruit districts, gardening, pests, and the principal fruits, closing with a description of a southern sunset.

The club will not meet next Wednesday evening on account of the Round-Up Institute. But on March 2, there will be another meeting at which time Prof. Joseph A. Jeffery will speak on soils. All who are interested in the question of soils should take advantage of this opportunity of hearing one who has made this subject a study for years.

Y. M. C. A.

C. D. Sterling led the Thursday evening prayer meeting. Theme, "A Precious Invitation." Messrs. G. P. Boomsliter and H. H. Barnett also spoke on the subject. The discussions were suggestive and the attendance was very good. The Y. M. C. A. room is fast becoming too small for the Thursday evening meetings.

Rev. George Plummer conducted chapel exercises Sunday morning. Text, Cor. 15:53. "For this corruptible must put on incorruption, and this mortal shall have put on immortality."

Prof. C. D. Smith gave a stereopticon lecture on the life of Christ. The scenes were from famous paintings and were especially fine. The lecture was a success in every way and the audience exceptionally large.

Those who failed to hear the lecture missed a real treat.

H. N. H.

LECTURES.

The short course students have been treated to a series of very interesting lectures by members of the faculty and outside talent. Dr. Edwards' address on literature has been noticed in the RECORD. Pres. Snyder gave a talk on Education at M. A. C. Prof. Bogue talked

on Forestry and Prof. W. O. Hedrick on Taxation and Trusts. Prof. Taft discussed Michigan Fruit and Prof. Smith told how to make farming a financial success. Atty. C. B. Collingwood, '85, explained the nature and legal status of mutual fire insurance companies and the duties and privileges of those who belong to them. Atty. H. E. Thomas, '85, considered the sources of our law and Atty. C. F. Hammond delivered addresses on The Status of Married Women and Forms of Conveyances. Prof. Reynolds gave a lecture on Heat and its Application to Daily Life, while Prof. Barrows gave three discourses on Birds and Mammals. Floyd Robison, chemist of the Experiment Station, gave an article on "What We Eat" in which he reviewed the analysis of breakfast foods and outlined the general composition of foods.

Mr. F. Crandall, of Howell, Mich., gave a thorough discussion of the good points about Holsteins, their care, breeding and sale. Mr. O. E. Bradflute, of Xenia, Ohio, explained his methods of handling Angus cattle. Both of these gentlemen are expert breeders and gave many valuable suggestions. Both claimed that the successful man of today discarded the so-called general purpose animal. For dairy work select Holsteins, Jerseys, Guernseys or Ayrshires, and for beef take Angus, Shorthorns, Herefords or Galloways. Select the breed you like the best, then stick to that breed, study it, make it your own and success will reward your efforts.

Atty. F. E. Robson, '78, of Detroit, gave an instructive address on titles, rights of owners, trespasses, duties to neighbors, etc. An illustration was given as follows: A, being angry at his neighbor, erects on his own premises a high board fence, which darkens his neighbor's rooms, shuts out the air and obstructs his view. The fence serves no useful purpose so far as A's use of his own premises is concerned, though it may relieve his feelings. Such a structure is a nuisance and the courts will compel its abatement. Had A been in the coal business, he might have satisfied the demands of his angry feelings and still kept within the law, by simply erecting a coal shed in place of a fence. Police power as applied to common things, such as dangerous buildings, contagious diseases, etc., was carefully considered.

All the lectures have been very practical and are worth the cost of the course to any man who will practice their precepts.

NOTES FROM THE FARMER'S INSTITUTES.

To grow good potatoes by preventing them from suffering with severe dry weather, a man in Wayne county has experimented and found it a good thing to plant onions in the rows with the potatoes, and when the drought comes, the onions will make the eyes of the potatoes water.

In another county where a poor corn crop is the rule, some boys were seen killing a lot of snakes, which aroused the curiosity of a traveler who asked a darkey boy with a mule plowing for corn, "You see we put the dead snakes in every other row of corn, and we gets a better crop, we sells the corn to the distillers and we drink the whisky, and in that way get another crop of snakes."

A man told of an experiment made in Ohio, in feeding chickens. The experimenter had gradually mixed sawdust, more and more with his hen feed, till sawdust was their main reliance. A hen set on thirteen eggs hatched twelve wooden chicks and one woodpecker.

In discussing the subject of our present lack of system in working the roads in Michigan, a speaker was reminded of an inquiry as to how to keep cider from working. Some one replied, "Get a pathmaster (roadmaster) and put him in the barrel for he won't work nor let anything else work."

Over in another county the land was so poor that two Irishmen and a jug of whiskey could scarcely raise a disturbance. It required a very favorable condition to raise even an umbrella.

W. J. B.

'95.

Mr. and Mrs. H. F. Lake, Jr., announce the birth of Henry Alan, Feb. 12, 1904.

With '00.

Carl H. Smith is president of the University Y. M. C. A. at Ann Arbor. He is a student in the engineering department.

'01.

F. A. Bock has gone to Germany to study the sugar beet industry. He was chemist at the Sebewaing factory the past season.

Major Kell has been detailed commandant of cadets at M. A. C. A further notice will appear next week.

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C. D. WOODBURY,

HOLLISTER BLOCK

ABOUT THE CAMPUS.

Miss St. John spent Saturday and Sunday in Detroit visiting her relatives.

Mrs. Gingles spoke on domestic art at the farmer's institute at Parma last Friday.

Miss Ida Robinson has accepted the position of head dietician at the Homeopathic Hospital in Ann Arbor.

Miss Lyford gave a demonstration lecture to farmers' institutes at Marshall and Charlotte last week on cooking.

Miss Gilchrist attended the farmer's institute at Coldwater and spoke on a practical education and reading in the home.

R. M. Kellogg, famous for his strawberries and work in farmers' institutes, died last week. Mr. Kellogg had many friends at M. A. C.

Dr. Beal has sent J. Hamilton of the U. S. Department of agriculture some photographs of charts and illustrations used in the botanical laboratory.

The women in domestic science 1 b are studying meats. The recognition of different kinds of meats, how to cut them and prepare them are some of the topics considered.

The class in advanced machine design began designing a milling machine on Jan. 27. The progress made has been remarkable. Some of the detail drawings will be ready for the pattern makers by March 1.

Every department of the college is receiving requests from the St. Louis Exposition to send exhibits.

It is difficult to make a selection. The trouble is that material is hard to get back and its condition upon return is not guaranteed.

The elevator at the woman's building is out of repair. All articles are now elevated by hand from the basement to the third floor. Delivery boys do not carry things very high and so the young women have taken a hand.

The mechanical department has sent six boxes of material to St. Louis. Castings, wood exercises and patterns, machine shop exercises, a letter press and a wood lathe were sent. The total weight was 1266 pounds. Drawings, laboratory notes, theses, etc., will be sent in the near future.

The College has had several close escapes from coal famine. At one time an hour more would have depleted the entire stock. Last week coal was hauled from the city in order to prevent a shortage. A car load came on Friday and temporarily relieved the situation. More coal is expected to arrive this week.

The farm department has conducted extensive slaughtering tests this term. The idea is to show the relative beef producing qualities of the different breeds. Lambs and sheep have also been examined with this point in view. Students have had excellent opportunities to study at first hand, and have been given practical work in handling and cutting meat.

Mrs. Gunson enjoyed her European trip very much. Many changes had taken place in Scotland

since she left her home there 25 years ago. Farms had changed hands, many had been consolidated, and the former owners had left for Canada or the U. S. She visited in Glasgow, Edinburgh, Selkirk, Dunoon, Manchester and London. While in Scotland she met Mr. F. W. Owen, '02.

The women students gave a Valentine party at the building on the evening of Feb. 13. It was a household affair. Each one was given a limited time to write either a story or a valentine. Miss Grace Smith won first prize on a valentine story, Miss Northrup received second place and Miss Douglass was awarded the third prize. Each story or valentine was read and created considerable amusement.

The fruit growers of Berrien county have organized a Horticultural Society. A meeting was held on Feb. 17. Prof. U. P. Hedrick gave addresses on the preparation of spraying material and on San Jose scale. About 350 attended and 175 became members of the society. It was one of the best and most enthusiastic meetings of the kind ever held in Michigan. Paul Thayer, '00, was elected president and C. H. Hilton, '00, secretary.

The class in bacteriology is working on enzymes. The enzymes that transform carbohydrates are being considered at present. Vinegar fermentation requires two organisms. One changes the sugar in cider to alcohol and carbon dioxide gas. The other changes alcohol to acetic acid. These organisms are isolated and

studied. They are then combined in pure cultures to produce vinegar. 38 are in the class. The subject is a senior elective but specials and domestic science students also take it.

At the last meeting of the Farmers' Club Mr. A. B. Rogers gave a talk upon the dual purpose cow and its place in Michigan. The discussion which followed was led by Prof. Shaw and some of the points discussed were, the ideal dual purpose animal, the places best suited for the dairy and beef animal, and the advantages which the West has over Michigan for producing beef, because of cheapness of land there and the abundance of pasture and grain. A large number of both regular and short course students were present.

The Harvard Dining Association has adopted a new method of conducting its business. This method is for the purpose of preventing waste and to distribute the cost more equitably. So far, the waste occurred chiefly in meat, fish, and eggs. These articles will now be provided at so much per plate, and will be paid for by means of a ticket book the plan of a railroad mileage book. Formerly any one could order all the meat he wanted. Some took much, others but little and a great deal was wasted. Now a man gets what he wants and pays for what he gets. The other provisions, such as tea, coffee, milk, vegetables, bread, desserts and fruits are paid for by all alike. The result has been a decrease in the cost of board and a more elastic meal for the individual.

W. C. Stebbins, of Grand Forks, N. Dakota, has an interesting article in *Hermes* the Petoskey high school paper. He writes that their weather comes fresh by the air-line from Medicine Hat, and that several times this winter the mercury was lost in the bulb. The days, however, were sunny and bright. He also claims that the statement, "The atmosphere is so dry we do not feel the cold" is rather dubious. The Red River of the North passes through the city and is about 20 rods wide at this point. Its banks are peculiar in that they lack stones. He has looked for them for two miles but the effort proved fruitless. Orchards are practically unknown and the only fruit trees are wild plums. The chief crops are wheat, oats, rye, and barley. The land is as level as a lake and the soil is of excellent quality and nearly black in color on account of the large amount of humus. The city has a population of 10,000 and not a saloon since N. Dakota is a prohibition state. He adds, however, that just across the river in Minnesota there are 50 places in unbroken rows where people get "fou for weeks together."

AGRICULTURE AT THE ST. LOUIS EXPOSITION.

At St. Louis agriculture is given the premier place among exhibits. The Palace of Agriculture, which surpasses in extent all other exposition structures, is 1,600 feet long and will cost over half a million dollars. In all, inside and outside space, more than seventy acres are devoted to the progress and development of the science of husbandry.

Agriculture is not given this prominent place because of a sudden discovery that it outranks all other industries in point of value of product or importance to our national welfare. That it stands first among the industries of man and that all other activities rest upon the tilling of the soil was conceded long ago. It was given first place at this exposition because agriculture was so conspicuously the prime factor in the development of the territory embraced in the "Louisiana Territory."

The suggestion is made that the work of gathering and installing the colossal exhibits of agriculture and horticulture at St. Louis furnishes an opportunity for a comprehensive historical record of the development of American husbandry that should not be lost. The suggestion is worthy of serious consideration. Other expositions have devoted much space to agriculture, but the educational and historical material that was developed in the preparation of the exhibits was never utilized or preserved in such a way as to make it of practical value to American farmers or manufacturers.

In the annals of human progress there is nothing comparable to the story of the development of husbandry in this country. As the display at the St. Louis exposition is to be comprehensive and educational it will provide a wealth of material for the story of American agriculture, which should embrace not only the results of scientific husbandry but the activities that are directly related to the tilling of the soil.

PREXY HARPER'S IDEA

TELLS WHAT CONSTITUTES A MODEL COLLEGE PROFESSOR.

The qualifications for the ideal college professor, as outlined by President Harper in a lecture at the University of Chicago on "The Faculty of College" are:

1. He should be married.
2. He should be a church member.
3. He should mix with his students outside the class rooms.
4. He should have a doctor's degree.
5. He should be willing to work hard eleven months in the year.
6. He should be in sympathy with the public and take an active interest in public affairs.

"The college professor who is married," said President Harper, will do three times as much good in his position as one who is single. And if he has three or four children he will be still better, for he will be a stronger man.

THE BOTANICAL DEPARTMENT AT AMES, IOWA.

PORTION OF AN ARTICLE IN THE I. S. C. STUDENT, FEB. 3, '04.

The botanical department has had as few changes as any other department in the college. At first botany and zoology were united. Dr. C. E. Bessey, a young graduate of the Michigan Agricultural College had charge of this work. Dr. Bessey is a man of strong and unique personality, an admirable teacher, so enthusiastic that he developed strong students in botanical lines of work. Very early in the work of the College a number of students turned their attention to research work, among these is J. C. Arthur, who has a professorship at Purdue University. Among these earlier graduates we must also count Prof. Harvey who was for some years botanist at the Maine Agricultural College. No doubt also that Dr. Bessey exerted a strong influence in developing the careers of such men as Prof. Herbert Osborn, A. S. Hitchcock, and W. T. Hornady.

In the course of time botany and zoology were divided, Dr. Bessey becoming the professor of botany and Dr. Beal was elected to the chair of zoology. Later, about 1884, Dr. Bessey resigned the chair of botany at I. S. C., going to the University of Nebraska at an increased salary and with a larger scope of work. Dr. Halstead, who was then on the editorial staff of the *American Agriculturist*, and a graduate of the Michigan Agricultural College, and a Dr. of Science of Harvard University, was elected to fill the vacancy.

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