

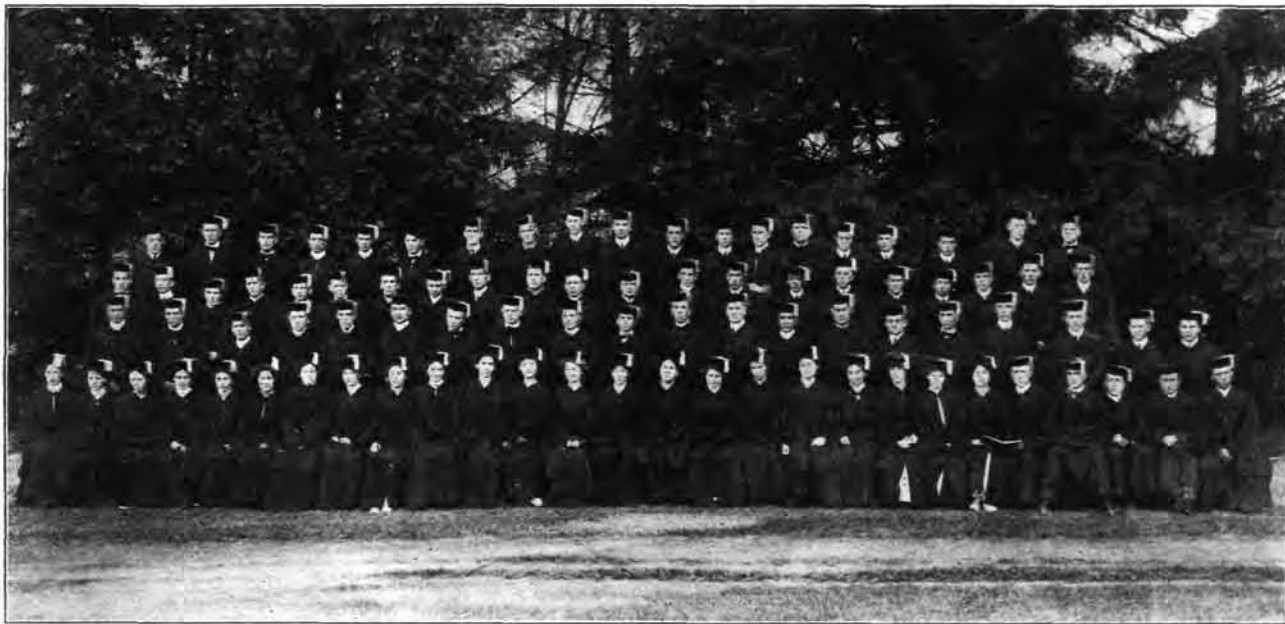
The M. A. C. RECORD.

MICHIGAN AGRICULTURAL COLLEGE.

VOL. 17.

EAST LANSING, MICHIGAN, TUESDAY, JUNE 18, 1912.

No. 37



GRADUATING CLASS, 1912.

FIFTY-FOURTH COMMENCEMENT.

A series of the most enjoyable social functions, a splendid baccalaureate sermon, a scholarly commencement address, and the graduation of the largest class in the history of M. A. C., all combined to make the closing exercises of the college year events long to be remembered. One hundred sixty-five young people were graduated, and six received advanced degrees as a reward for post-graduate work.

Tuesday's program was carried out without a hitch, and the large audience listened attentively to every detail of the same. President Albert Ross Hill, of the University of Missouri, delivered a most excellent address on the subject of "Vocational Education," extracts from which we publish elsewhere in this number.

The music on this occasion was furnished by Fischer's Orchestra of Kalamazoo, and was an added attraction. The processional march, "Athalia," by Mendelssohn, was played as the long line of seniors, led by members of the faculty, marched down the east aisle to the 160 vacant seats reserved for them. Following the invocation by Rev. Chas. D. Ellis, of Holly, the orchestra gave "Echoes from the Metropolitan Opera House," by Tobani. The coronet solo by Mr. Heald was also greatly appreciated.

Immediately preceding the conferring of the degrees upon the graduates came the surprise, and, we may say, feature of the program. Prof. F. S. Kedzie, who has been confined to his home all spring on account of a broken bone, was able to be in his place on the platform. He was asked to arise, and Pres. Snyder, on behalf of the State Board of Agriculture, and in recognition of his attainments as a scholar and teacher, and his devotion and loyalty to the institution, conferred upon him the degree of Doctor of Science. A storm of applause followed the announcement,

and proved that the professor is held in the very highest esteem by his students, who were pleased to see that his worth is recognized.

The following advanced degrees were then conferred:

ADVANCED DEGREES.

Ford, Clem Clayton, *M. E.*
Mastenbrook, Henry J., *M. E.*
Poole, John Eugene, *M. E.*
Tuttle, Hiram Foley, *M. S.*
Bennett, Wilmer Charles, *C. E.*
Ellis, George Henry, *C. E.*

The degree of bachelor of science was then conferred upon the 165 members of the graduating class:

BACHELORS OF SCIENCE.

Agricultural graduates are designated by *a*, Engineering by *e*, Home Economics by *h*, and Forestry by *f*.

Allen, Fernelle Marie, *h*
Allen, Verna Sprang, *h*
Anderson, Vivian Gordon, *e*
Anker, Samuel Lincoln, *e*
Armstrong, Edward Clayton, *e*
Ashley, Lee Jones, *a*
Bacon, Grace Priscilla, *h*
Baden, Philip T., *a*
Badour, Arlie, *a*
Baker, Charles Bradley, *f*
Ballard, Clinton Vede, *a*
Bancroft, Harry Lee, *a*
Barnum, Carl Fisk, *a*
Barnum, Harold Herbert, *a*
Barrows, Frank Lawrence, *e*
Bender, Edward Roscoe, *e*
Benner, Lee Oscar, *e*
Bennett, Donald Morrison, *e*
Berridge, Ashley Moses, *a*
Binding, Lee Ross, *a*
Blair, Duane Alger, *e*
Bone, Harry Earle, *e*
Bovay, Arthur Grant, *f*
Branch, George Verne, *a*
Brault, George, *f*
Brown, Ella Lentz, *h*
Browning, Irving Robert, *f*
Brumm, Lynn Stuart, *a*
Buckham, Valentine, *a*
Burns, Charles Glenn, *f*
Caldwell, Theodore Halleck, *a*
Carl, Rollin Dennis, *e*
Carmody, John Henry, *a*
Carter, Anna Irene, *h*
Chilson, Clinton Hammond, *a*
Coffeen, Curtis Linden, *a*

Coffeen, Vera Bates, *h*
Coplan, Heiman Hugh, *e*
Cronk, Arthur Walter, *a*
Crysler, Frederick William, *a*
Culver, Edward Gifford, *e*
Davis, Harry Stephen, *f*
Day, Arthur Elkaney, *a*
Dearborn, Alida Antoinette, *h*
DeGraff, Earl Waldo, *a*
Delvin, Ray Birn, *e*
Delvin, Sylvester Flint, *e*
Dickinson, Charles Harry, *e*
Dickson, Matthew Ellis, *a*
Driesback, Robert Chester, *a*
Duddles, Ralph Emerson, *a*
Edwards, Donna Smith, *h*
Eidson, Arthur Wilber, *a*
Ellis, Grace, *h*
Eyer, Lloyd Elmer, *a*
Fisher, Durward Frederick, *a*
Gabel, Gordon George, *f*
Gallup, Edward Everett, *a*
Gardner, Leon Burns, *a*
Gardner, Max William, *f*
Gardner, William Alfred, *a*
Garvey, Clarence Ross, *f*
Geagley, William Carl, *f*
Gearing, Milton John, *e*
Geib, Horace Valentine, *a*
Gifford, Charles Ralph, *e*
Gilbert, Gale White, *a*
Gilbert, Inez Martha, *h*
Goodell, Ralph Augustus, *e*
Groothuis, Herman, *e*
Hall, Sumner Lovern, *e*
Hammond, Hunter L., *e*
Hard, Leon Delos, *a*
Hansen, Nels, *e*
Harris, John Jesse, *e*
Harrison, Charles Lee, *a*
Hart, Josephine Rena, *h*
Hawkins, Lucile Maude, *h*
Hebard, Frank Foster, *a*
Helm, Leslie Cornell, *e*
Hendrick, Herbert Bradley, *a*
Himmelberger, Leo Ransom, *a*
Holden, John Arthur, *e*
Holley, Otto Burnham, *e*
Holmes, Ezra Israel, *a*
Horst, Emory Louis, *e*
Hotchin, Earle Edward, *e*
Hough, Howard William, *a*
Howe, Bessie Gertrude, *h*
Hyde, Vere Clare, *h*
Iddles, Alfred, *e*
Johnson, William Riker, *a*
Jonas, Joseph F., *e*

(Continued on page 2.)

ALUMNI

'99.

Rev. W. Roscoe Kedzie recently delivered the 79th annual commencement address at the Theological Seminary in Oberlin, Ohio.

'00.

Word has been received of the death, from heart disease, of Mrs. Ella A. Thompson, mother of Mrs. Irma Thompson Ireland, '00, on June 2, 1912, at her home, about two miles south of the College. Her daughter, Mrs. Ireland, arrived on the 4th from Fort Monroe, Virginia. Interment was made at Keeler, Van Buren Co., Mich., the old home of the family. Many of the students of the time will remember Mrs. Thompson for the open house that she kept for them while her daughter was in college.

'02.

The *Farmer's Review* have booked passage for their associate editor to sail from Boston, on June 29, to investigate Old World agriculture for the benefit of the readers of that paper. He will visit the famous district of England, Scotland, France, Switzerland, Belgium, Holland, and Germany. H. E. Young, '02, is the hustling editor-in-chief of the *Review*, and is bound to put his paper in the front rank of publications of its kind.

'04.

Chas. Woodbury, '04, in charge of the department of horticulture at Purdue University, is spending the vacation at his old home East Lansing.

'06.

Roy Potts '06, professor of dairy husbandry in Oklahoma, and wife are spending the summer in Michigan, and were here for commencement. Mr. Potts is a brother of Miss. Aurelia Potts of our 1912 class.

'07.

L. B. Hitchcock, vice president of Girard Engineering Co., of Phoenix, Ariz., with his brother is spending a few weeks in his home state.

'10.

Invitations are out for the marriage on June 19 of R. Elmer Thompson, '10 forestry, and Miss Edith MaBelle Turner, of Lansing. Mr. Thompson was formerly in Grand Rapids, but is now located in Chicago.

'11.

Edward G. Hulse, with the class of 1911, of St. Johns, and Miss Josephine Holmes, of Duplain, were married at the home of the bride, Wednesday, June 12. The young people are at home in St. Johns, where Mr. Hulse is city engineer, and also surveyor for Clinton county.

H. W. Norton, '03, and wife and E. W. Ranney, '00, and wife were among the former alumni to witness graduation exercises.

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, JUNE 18, 1912.

M. A. C. has held many successful commencements, and graduated many an excellent class of young people, but from every point of view none was ever more successful than that of 1912. The class was the largest ever graduated and are, we feel, exceptionally well prepared to enter into the practical things of life. Indeed, the very large majority are engaged for the coming year, and many have already begun work. The demand for graduates from M. A. C. continues, and we believe that the work which will be accomplished by the present graduates will serve to stimulate the demand. The best wishes of the RECORD go with each member of the class.

IT seems pertinent to again call attention to our Graduate School, to be held at M. A. C. in July. The course opens July 1, and continues for four weeks. Applications are coming to Sec. Brown by each mail, and it is hoped we shall have at least as large an attendance as that of any previous school.

Some of the best men and women in the country along the lines of agriculture and home economics have been secured for class room and laboratory work, and those who can possibly attend should plan to do so. Quite a large number of M. A. C. alumni have promised to be here, and it should prove a regular home-coming. The campus is a beautiful spot at this time, and an excellent place to spend the month of July.

CAP NIGHT.

Early on the evening of June 13, Lansing people began to travel toward the college in special street cars, autos and rigs of various sorts. The extra cars were taxed to the limit to take care of the crowds which were bent upon witnessing one of M. A. C.'s greatest closing events—cap night.

The men gathered in front of Wells, dividing by classes, and after due ceremony marched to the Woman's Building, where the girls joined the parade. The whole procession, headed by the band, then marched to the drill ground between rows of red lights. Here, on the west side of the natural amphitheater, a platform had been erected for the ceremonies, and as the column appeared the huge pile of rails, boxes, etc., which had been prepared burst into flame.

In addition the seniors were greeted with a series of fireworks, songs, yells, etc. Electrical numerals representing all five classes flashed from a specially prepared staging, the effect of which was very pretty.

The seniors were given the seats of honor near the platform, while the under-classmen were arranged in a circle around the big bonfire, the freshmen and preps arrayed in the regulation "nighties." An immense crowd formed the back ground, several thousand persons being on hand to witness the ceremonies.

Pres. Simpson, of the junior class, called to order, and introduced the master of ceremonies, E. C. Douglass. "To celebrate and not to criticize" is the thought and purpose of this occasion," said he, "and the aim is to bind us all more closely together, and bring about a better brotherhood." Mr. Douglass stated that he hoped some day there would be a girl for every boy at M. A. C.

Pres. Tenkonohy, for the seniors, urged a more complete co-operation among classes, for the good of the college, and gave much good advice to those who were to be left behind. Following the address, the funeral dirge was sung, and the senior books consigned to the flames.

In the name of the juniors, President-elect, Robert Loree accepted the cap night banner from Mr. Tenkonohy, and promised to carry out the tradition inaugurated by the senior class.

The Glee Club was roundly applauded for their music, one of the numbers being the new song, "The Green and the White."

Prof. King was called upon, and described the transformation of raw material into the finished product at M. A. C. in a way which brought forth much laughter.

The freshmen then encircled the bonfire in Indian style, and cast their brown headgear into the flames, and were immediately followed by the preps, who threw away their "greys."

Alma Mater was sounded by the college band, the crowd took it up, and thus closed the eventful occasion for "all classes" in the year 1912.

BASEBALL SUMMARY.

The season just closed has been, without question, one of the most successful in the history of M. A. C. athletics. With the nucleus of last season, Mr. Macklin developed what was perhaps the strongest team ever representing the green and white. Of fourteen games played, the team lost but three, and each of these on the home field.

During the season we have defeated Michigan three times, Western Reserve twice, Wabash once, Syracuse once, and have broken even with both Olivet and Ohio Wesleyan. Our victories have been made possible because of careful, consistent training under the direction of one of the best of directors, Prof. Macklin. It is good to see the perfect harmony existing between the director and his men, a condition so essential to the best interests of all concerned.

Practically every member played consistent ball during the season. Bradley, our third baseman, was the heaviest hitter on the team. In 13 games he has achieved the remarkable average of .546, beside proving himself a splendid fielder, going after everything which it was possible to get.

Mogge, right fielder, is the only regular to go through the season without an error, while Griggs is

everywhere acknowledged as one of the very best first sackers in the state. He is also a heavy hitter, as noted by the table below.

Dawson comes second in the batting procession, and is a sure fielder. Bibbins, our little catcher, has also proven a find, as he is a consistent worker, and also a good batsman.

Both Spencer and Dodge deserve great credit for their work as pitchers, and we believe that no better pair can be found anywhere than these who twirled for M. A. C. during the season just closed.

The following summaries will prove of interest to our readers:

SCORES.

Olivet, 0—M. A. C., 3.
Ohio State, 11—M. A. C., 8.
Senators, 1—M. A. C., 7.
Western Reserve, 1—M. A. C., 5.
Ohio Wesleyan, 2—M. A. C., 1.
Michigan, 6—M. A. C., 7.
Syracuse, 1—M. A. C., 2.
Wabash, 4—M. A. C., 8.
Michigan, 1—M. A. C., 5.
Ohio Wesleyan, 2—M. A. C., 5.
Western Reserve, 1—M. A. C., 2.
Michigan, 3—M. A. C., 8.
Olivet, 2—M. A. C., 0.
Ypsilanti, 0—M. A. C., 8.
Totals, 35—M. A. C., 69.

INDIVIDUAL RECORDS.

Not including O. W. U. and W. R. U. abroad.					
	A. B.	H.	E.	B. A.	F. A.
Bradley, 3d .. 44	24	7	546	790	
Gorentlo, 2d .. 34	10	6	294	787	
Mogge, r f ... 30	4	0	133	1000	
Griggs, 1st ... 37	13	2	352	985	
Dawson, l f ... 35	13	1	372	890	
Rogge, s ... 31	12	9	388	782	
Harvey, c f ... 38	8	3	210	836	
Bibbins, c ... 34	8	1	235	990	
Spencer, p ... 12	2	1	166	936	
Dodge, p ... 18	8	4	445	865	
Dancer ... 9	1	0	111	1000	

C. T. Bradley was chosen to captain the team in 1913, and Chas. Lord will have charge of the track work as captain.

The baseball teams were banqueted by Mrs. Farlemann, at club D, as a fitting close to the season, at which some 30 members were present. Mr. Macklin acted as toastmaster, and a number of excellent speeches were made. We do not lose a single regular by graduation.

THE ALUMNI TRIENNIAL.

The regular tri-annual alumni meeting will be due in 1913, and preparations are already under way for the event. This will no doubt be the biggest and best meeting ever held. Every year adds largely to our alumni roll, and the majority are always glad to take advantage of these meetings, while the home folks always appreciate their friendly spirit.

The program will be in charge of the alumni president, Hon. H. C. Collingwood: Oration, Eugene Davenport, '78; poem, John Nies, '94; history, Horace Hunt, '05; necrology, Mrs. Alice W. Coulter, '82.

It is to be hoped that every possible effort on the part of each alumnus will be made to be present at M. A. C. on this occasion in 1913.

Instructor Joseph Bock, of our chemical department, has accepted a position with the Carnegie School of Research, at Boston, for the coming year.

FIFTY-FOURTH COMMENCEMENT.

(Continued from page 1.)

Jones, Leroy Lucien, *a*
Juergens, Edward Frank, *f*
Kane, Forrest Hart, *e*
Kawada, Yoshio, *a*
Ketchum, Verne Lee, *e*
Kimball, James Henry, *a*
Kirby, Ralph Gillette, *a*
Knapp, Charles Wilbur, *e*
Knapp, Leo Jay, *e*
Knowlton, Harry E., *a*
Lautner, Ernest Stephen, *a*
Lockwood, Carrie Josephine, *h*
Logan, Margaret, *h*
McDermid, Frank Harwood, *a*
Martin, Stanley Arthur, *a*
Mason, Preston Walter, *a*
Mead, Alfred Burton, *e*
Mead, Aylwin Frances, *h*
Mead, Ruth, *h*
Miller, John Allen, *c*
Mosley, Frances Orpha, *h*
Muellenbach, Lillian Matilda, *h*
Munn, Mancel Thornton, *a*
Norton, Helen Louise, *h*
Nye, Reuben Lovell, *a*
Oberdorffer, Cora Alice, *h*
O'Dell, George Maywood, *e*
Palmer, George Harlie, *e*
Parsons, Channing Wilson, *e*
Pattison, Benjamin Purdy, *a*
Petersen, Walter Siegfried, *e*
Potts, Aurelia Belle, *h*
Queal, Lawrence Reuben, *f*
Reid, Edwy Borradaile, *a*
Richardson, Mary Agnes, *h*
Robinson, Lutie Ethel, *h*
Rowley, Harry William, *e*
Ryther, Cyril Gordon, *a*
Sanford, Earl Clifford, *f*
Schleussner, Otto William, *a*
Schneider, Henry William, *e*
Sheffield, George Charles, *a*
Sheldon, Helen Mildred, *h*
Shuart, Albert Brinkerhoff, *e*
Sinlinger, Florence Kathryn, *h*
Smith, Edwin, *a*
Smith, James Axtell, *e*
Smith, Philena Esther, *h*
Smith, Sidney Samuel, *a*
Sorenson, Arthur Alexander, *a*
Spencer, Damon Alvin, *a*
Stahl, Charles A., *f*
Steffens, Louis Henry, *f*
Stone, Fred Almon, *e*
Taft, Harry Goodell, *a*
Taylor, Hiram Erne, *a*
Tenkonohy, Rudolph John, *e*
Tibbs, Jollie Hilliard, *a*
Truax, Hartley Eugene, *a*
Tubbs, Clarence Caldwell, *a*
Van Dervoort, Sarah Ellen, *h*
Van Meter, Morton, *e*
VanWagenen, Kenneth Duryea, *a*
Van Winkle, Roy Jessie, *e*
Wadd, Roy James, *e*
Warner, Russell Ammon, *e*
Webb, Chauncey Earl, *e*
Westerveld, Ira, *e*
White, George Alfred, *e*
Wilcox, Harry Earl, *e*
Wood, Ruth Ella, *h*
Wood, Walter Amos, *a*

A quantity of wire netting has been placed along the embankment the south side of the wild garden, for the purpose of protecting the beds and shrubbery below. There seems to be a tendency on the part of certain persons to disregard this protection, with the result that considerable damage is done to the garden. The department respectfully requests that those entering the garden do so in the usual manner, and keep to the walks already laid out. The garden is certainly a beauty spot, and surely no one would mar its beauty intentionally.

VOCATIONAL EDUCATION.

A Few Extracts from the Excellent Address by Dr. Albert Ross Hill.

Dr. Hill prefaced his address with a history of the evolution of industrial education, and mentioned the fact that, whereas in the earlier days it was necessary to create a demand for this sort of training, it was now quite impossible to supply the demand made upon the industrial institution for its graduates.

The following quotations will be of interest to our readers:

"In this industrial age we need an insight into the way wealth is produced, the forms it takes, the ways it may best be spent," etc. "This I regard as culture. You young women who have taken the course in home economics have not been educated towards the production of wealth, but rather in its use. You have an insight into the ways of spending an income so as to make the home attractive and to get a digestible meal. You call this vocational, but it is equally concerned with insight and appreciation, and so it is cultural education.

"The purpose of many in going to an agricultural college of this sort, is to get an insight into the forces of nature and into the machinery they must control and also to learn how to produce. The subject matter is merely food for mental development and the attitude of the teacher and the scholar, and the thoroughness and breadth of view of the teacher are the elements which make the subject significant.

"Practical aims come first in the life of the individual. Truth seeking for its own sake is rare. Most of us seek to solve some problem of personal interest. Prof. James said, 'Thinking, first, last and all the time, is for the sake of doing, and furthermore, one can only do one thing at a time.' It is the natural attitude of the human mind to think in order to solve problems.

"If culture is an insight into and an appreciation of the present civilization, we want it. The possession of vocational education seems to be the giving of hodge podge facts, rather than the study of principles. In our American high schools for instance, bookkeeping and stenography are often introduced, whereas in many European vocational schools these are not found, but in their places are commercial geography and elementary economics. Stenography and bookkeeping are useful phases of our industrial life, but not essential to the man who wishes to be a leader, and do not give an insight into business fundamentals.

"It is the fundamental equipment that is needed for growth in the future. To get a grasp of the fundamental is as important to the practical man as to the academic man. The graduate must have gained the fundamental habit of thinking that will enable him to grow.

"We might divide people into the rich and the poor, but we could not divide them into the intellectually rich and poor, one to do the work of the world without sharing its intellectual values, and the other to appreciate its intellectual values without being able to produce anything."



PROF. FRANK S. KEDZIE

Who was honored at our 1912 commencement with the degree of Doctor of Science. Prof. Kedzie has been connected with our department of chemistry since 1880, and the honor conferred comes in recognition of his ability, and for his loyalty and devotion to the institution.

THE SENIORS.

The seniors were indeed kept busy during their last week at M. A. C., and judging from the spirit into which they entered each event, it was an enjoyable week.

Memorial exercises were held, cap night with all of its attractions was never more nicely carried out, and in spite of the thunder shower on June 15 the party thoroughly enjoyed their last picnic together at Pine Lake.

The class broke away from the usual custom on class day, the exercises being held in connection with a feed at 9:30 in Club D. The president's address was given preceding the banquet, while the remainder of the program followed.

Pete Bancroft was master of ceremonies, and remembered all the weaknesses and characteristics of classmates who appeared on the program.

The prophets were Miss Inez Gilbert, C. Earl Webb, and Miss Irene Carter. Looking ahead to 1920, they saw certain members of the class as inventors of cameras capable of taking moonlight pictures, while others had risen to the dignity of ticket agents, foreign missionaries, etc.

The class poem, by Ralph Kirby, was, as had been scheduled, approximately 12 feet long, in which he introduced in rhyming nonsense each division of the class, as ags., engineers, and women, closing with an apt farewell.

The last will and testament, by Edwin Smith, was read by Alfred Iddles. A review of the achievements of the class was made, and the various movements inaugurated by the class given a place. In conclusion, the writer left to the instructors the cons and flunks, phonographs, and other essentials, and suggested important changes in the course for girls, affecting practical laboratory work. The college orchestra, a glee club, and individual class members furnished the program of music. The class song was written by Earl De Graff, Ira Westerveld, and Miss Ruth Wood. "Alma Mater" was sung, and the

last meeting in which practically all the class will be together was ended.

The senior luncheon, immediately following the commencement exercises, was a pleasant feature of the program. A number of alumni were present, and several excellent toasts were made.

THE FACULTY RECEPTION.

The annual reception to the seniors was held in the armory on Saturday evening, and was attended by a large number of college people. The armory was prettily decorated, and the music was excellent.

The reception was held from 8:30 to 9:00. President and Mrs. Snyder and the deans of the various divisions, with their wives, were in the receiving line.

The program opened with a dance at 9 o'clock, and the dances were interspersed with both instrumental and vocal music, and with readings by Miss Minnie Smith and Miss Huston. Vocal solos were rendered by Miss Esther Philips, Mr. J. L. Morse, and Prof. Huston, and a violin solo by Mr. De Graff.

The president's reception on Monday evening was largely attended by the seniors and their friends. Dr. Hill, President and Mrs. Snyder, Dr. and Mrs. Marshall, and Pres. Tenkonohy and Miss Dearborn, of the senior class, were in the receiving line. Excellent music was furnished by the Bemis quartette. Mrs. Myers presided in the dining room, and was ably assisted by Masters LeMoyné and Plummer Snyder and Egbert Rosencrans. A profusion of beautiful flowers was in evidence in each room.

Misses Gertrude Babcock and Rebecca Collingwood served the punch, and the following ladies assisted in the parlors: Mrs. Shaw, Mrs. Bissell, Mrs. Vedder, Mrs. Babcock, and Mrs. Myers.

BACCALAUREATE.

Dr. McClurkin Gives Fine Address Before Splendid Audience.

Dr. John Knox McClurkin delivered a splendid address, Sunday, June 16, to the seniors and friends on the subject, "Friend, Go Up Higher."

The speaker called to mind the many advantages enjoyed by American citizens at the present time over those living 50 years ago, and enumerated a few of the opportunities of our graduating class.

In the means of rapid communication, the gradual demand of the nations for the avoidance of war, with all its horrors, and in the removal of barriers obstructing the growth of Christianity, the speaker stated, could be seen the hand of God, surely guiding the destinies of this, the greatest nation on the globe—our America.

God is calling America higher and still higher through all of these means, and America should be intent and listening for that voice to guide them on. Eight churches are being built each day, while 30 saloons are being closed,—another indication of how America is listening to the call, "Come Up Higher."

The Panama Canal is but another instance of the power working through America to make of her a leader of nations. God is calling

upon us to help the Orient, and we are responding. China and Japan, in certain places, are rapidly adopting the American school system.

Not only does God call the nation, but calls the individual. The call is to come up into a higher realization of what you are. And, in this connection, never depreciate your own worth. If you would rise to the noblest and best of things, believe in yourself and your abilities. Think highly of the powers with which you have been endowed, and thus make the most of life in all its aspects. As an indication of what God thinks of mankind, the speaker eloquently pointed to Calvary—its sufferings and triumphs. "Surely you can rise to your best, and go higher and still higher," said the speaker, "with such an example."

The day was rather oppressive, and practically every seat was occupied, but the crowd listened intently to every word of the address.

The solos of Miss Esther Philips were greatly enjoyed, and the music by the Bemis Quartet added materially to the pleasure of the afternoon's program.

MICHIGAN BIRD LIFE.

This is the title of a book of 822 pages, just published by the College as a special bulletin of the Zoological Department. The author is Professor Walter B. Barrows, and the work is based upon many years of personal observation and study, supplemented by correspondence with hundreds of observers throughout the state. It contains 70 plates and 152 other illustrations (none of which, however, are colored), and forms a complete list of the birds of the state, 326 species in all. These species are taken up in regular order and the life history of each is sketched, including distribution and frequency in the state, time of arrival and departure, general habits, nest, eggs, song, food, and particularly those points which interest the agriculturist, the sportsman, and the nature lover. There is an introduction of 30 pages which discusses geographic distribution, migration, methods of study, etc., and artificial keys and technical descriptions are included so that the student may identify any bird which comes to hand. A glossary of technical terms is added for the convenience of teacher and student.

The State Board of Agriculture, under whose direction the book is published, considers the work too large and valuable to be distributed *gratis*, but have decided that it shall be sold at "actual cost, plus transportation." Half the edition of ten thousand copies is bound in cloth and half in paper, and the actual cost of the book will be 45 or 60 cents, according to binding. Transportation is estimated at 30 cents. Purchasers calling for the book in person will, of course, save the cost of transportation. All applications should be made to the secretary, A. M. Brown, East Lansing. Distribution probably will not begin before July 1st.

The cost of board in the various clubs during the past term as audited is as follows: A, \$3.53; B, \$3.67; C, \$2.35; D, \$2.58; E, \$3.32; G, \$3.27.

A GENEROUS GIFT.

Mr. Dillman S. Bullock (1902), who has just returned from Temuco, Chili, brought with him for the zoological department a beautiful collection of bird and mammal skins, which he collected since his last visit to the United States. There are about sixty bird skins, and among the half dozen mammal skins is a fine specimen of the mountain lion, or Puma, measuring more than six feet in length, as well as a pair of the giant water rats as large as an otter, and known to the Indians as nutria. This latter animal furnishes a valuable fur, known commercially by the same name.

These specimens will be mounted for the museum as soon as practicable, and doubtless will be on exhibition during the coming winter.

OUR ALUMNI CATALOG.

An interesting summary found in the Experiment Station Record:

The extent to which the graduates of the agricultural colleges engage in farming has been a matter of frequent discussion ever since the colleges were established, and has sometimes been taken as a measure of the success of these institutions. Some recent studies give a definite basis for considering this subject, and also point to an increasing tendency to take up farming which has been apparent for some time to those in close touch with the work of the colleges. As this tendency is in accord with popular expectations, it is deserving of notice, along with the broader conception of what the colleges should do for the industry as a whole and for education.

The Michigan Agricultural College, the oldest of these institutions, has recently published a catalogue giving the name and occupation of each of its living graduates. This presents some interesting facts, both as to the past and to the present. From this catalogue it appears that in the fifty years since the first class went out from the institution, 996 men have graduated from the four-year agricultural course and that 877 of these are now living.

Considering the fact that nearly one half of these men graduated before there was any other course than the agricultural, and before agriculture was seriously considered among the scientific professions, it is not surprising that a large number of them went into other than agricultural pursuits; and yet over twenty-seven per cent. of all the graduates of the agricultural course are farmers. In addition, about nine per cent are connected with agricultural colleges and experiment stations, five per cent with the United States Department of Agriculture, and twenty per cent are employed in other agricultural lines, such as teaching agriculture and science in other colleges and schools, editorial work in connection with agricultural journals, agricultural work in foreign colleges and departments, landscape gardening, forestry, seed growing, agricultural chemistry, veterinary science, cheese manufacturing, and other lines for which their agricultural training was a direct preparation.

Thus, over sixty per cent of the graduates from this course are following lines of work in harmony



DR. T. C. BLAISDELL.

Dr. Thomas C. Blaisdell, for six years professor of English and Modern Languages at M. A. C., has been tendered the presidency of Alma College. The honor comes to Dr. Blaisdell in a specially significant manner, as the position was entirely unsought for and unexpected. The doctor is given several days in which to make a decision.

with their college training. And when we consider that it is only within the past twelve or fifteen years that the agricultural courses have come to be considered professional courses in any sense of the word, that is, specialized to meet the needs or the tastes of different individuals, the showing is certainly a creditable one.

If, however, we consider only the more recent graduates of the Michigan Agricultural College we shall find a much greater percentage following agricultural pursuits. Of the classes graduating from 1901 to 1905, inclusive, seventy-two per cent are engaged in agricultural pursuits, and twenty-eight per cent in other lines, and of those graduating from 1905 to 1910, inclusive, eighty-six per cent are engaged in agriculture, against fourteen per cent in other work. Taking the average for the whole ten years from 1901 to 1910, we find seventy-nine and a half per cent of the graduates engaged in agriculture. There are also more who are actually farming—thirty-two per cent in the last ten years, as compared with twenty-seven per cent for the whole fifty years.

ABOUT THE CAMPUS.

A baby daughter was born to Prof. and Mrs. J. Fred Baker on Tuesday, June 18.

Dean R. S. Shaw delivered the commencement address of the Birmingham high school on Wednesday of last week.

Prof. and Mrs. Wilson are visiting relatives and friends in Berlin, N. J., for a few weeks. They return about the middle of July.

Mrs. C. L. Brewer, wife of our former director of athletics, now of Columbia, Mo., was among college visitors commencement week.

Miss Hearty Brown, daughter of Secretary A. M. Brown, has accepted a position in the department of rhetoric at the University of Kansas (Lawrence) for the coming year.

Miss Anna Scott, a former M. A. C. girl, is taking work during the summer at Chicago University.

The Eunomian prize of \$25 was awarded to Miss Rose Coleman, special in home economics, on her story entitled, "The Fire Escape."

Dean and Mrs. Bissell will take a trip to Panama during the summer vacation, leaving the latter part of July and returning about August 20.

Leon Pierce, '01, of Monroeville, Ohio, was a college visitor this week. Mr. Pierce is at present engaged in the manufacture of drain tile.

Mr. Woodbury has sold his residence on Abbot road, and will move to Lansing in the near future. The house was purchased by Contractor Smith.

D. A. Spencer, of our present graduating class, will be assistant to Mr. Brown the coming year. His title will be instructor in animal husbandry.

A neat plan and write-up of Mrs. Bogue's kitchen appears in the recent "farm page" sent out by the Press Associations to the various newspapers in the state.

G. B. Wells, with '00, traveling passenger agent for the Detroit & Cleveland Navigation Co., was a college visitor on June 17. Mr. Wells is located in Detroit.

Miss Grace Stevens, instructor in domestic science at M. A. C. the past two years, will remain at her home in Illinois the coming year, having decided not to teach.

H. D. Hahn, '04, has just completed his course at the Detroit College of Law, and came to Lansing on June 21 for the final documents which make him a full fledged lawyer.

Dean Lyman, of the veterinary division, attended a reunion of his graduating class at Amherst, Mass., held on June 17 in connection with the commencement exercises of that institution.

Experiments are again being tried out with calcium chloride on the campus drives, and with excellent results. Only a small amount is sufficient to keep the dust down for several days.

H. B. Hendrick, '12, has just accepted a splendid position in the public schools of Saginaw. He will develop the course in agriculture, and also have charge of the public school gardens.

Miss Berg, of our department of domestic science, and Miss Scott, instructor in music the past two years, are both to be married in the near future, and will not, therefore, be at M. A. C. the coming year.

Miss Luella Harper, for some time employed in Secretary Brown's office, was married, on June 7, to Dr. Perry C. Robertson, of Ionia. The young people were married at Grand Rapids, and will make their home at Ionia, where Dr. Robertson is assistant physician at the asylum for the criminal insane.

Word has been received that Robert Holdsworth, '11, successfully passed the recent civil service examination for foresters, his standing entitling him to a place with the first 12 men taking the examination. He has been studying at Seattle the past year.

The Hiland Club will occupy the Dickson house, near the store, next year, final arrangements having recently been completed. During the past year the club has lived in the house on College Heights, owned by Mrs. W. Smith.

President Snyder represents M. A. C. at the exercises of the University of Michigan in connection with the 75th anniversary of its foundation. The special program is held on June 26, but the exercises continue during the entire week.

Word has been received to the effect that J. H. Tibbs, one of our recent graduates, submitted to an operation for appendicitis on Monday, June 17. Mr. Tibbs expected to leave for the Philippines on Saturday, but will be detained several weeks on account of the operation.

There is to be a meeting of state poultrymen at the college on July 17 and 18. All Michigan breeders are invited to the sessions. The meeting has been brought about mainly through the efforts of the Michigan branch of the American Association and Michigan State Breeders' Association. Its aim is to boost Michigan's poultry conditions.

The Hort. juniors who have arranged for practical work during the summer are as follows: Hendrickson will be at Grand Rapids; Granger and Carey at Fennville; Schuyler and Pickford at Benton Harbor with C. A. Pratt, '07; Fields and Smith at Casnovia; Riley and Baker at Pontiac; Mason and Mather at Old Mission; Pailthorp at Bear Lake, and R. E. Lorce with the Hort. division of the experiment station.

The American Journal of Veterinary Medicine, in a recent issue, calls attention to the increased need for veterinarians. What is wanted, however, is thoroughly educated and technically trained men. The important positions in state and government live stock sanitation work call for men with the highest possible preparation. Breeders and horsemen are anxious to secure men with thorough technical knowledge of the diseases to be treated or prevented.

At the recent meeting of the State Board, the blanket tax passed that body, and will be in force with the opening of the next school year. As before stated, this provides for an annual fee of \$6.00, \$2.00 to be paid each term, to be assessed to each student. Of this whole amount, \$5.00 will be credited to the athletic fund, and \$1.00 will be turned over to the committee on liberal arts. This has been agitated entirely by the student body themselves, and a large per cent. voted for the change at an election held for that purpose. It will no doubt prove a benefit, both to athletics and to other activities.

At a recent faculty meeting, the following report of a committee concerning veterinary students was adopted: "Any graduate of an accredited agricultural college which includes in its curriculum not less than 10 credits of veterinary science, under a regular veterinarian, will be admitted to the junior year of the veterinary course; but will be required, prior to the spring term of the senior year, to pass off or provide appropriate substitutions for all freshmen and sophomore technical subjects."

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ABOUT THE CAMPUS

L. B. Hitchcock, '07, and brother, E. C., with '09, were at M. A. C. recently, to renew college acquaintances.

Miss F. Isis Kintner, of Columbus, Ohio, is now at the college and will assume her duties next month as manager of the college book store.

Herman Bowerfind, a former student and active Penman, took in the earlier entertainments of the commencement season, including Cap Night. Mr. B. is now a reporter in Cleveland.

The marriage of Mr. Douglas Coulter, a former M. A. C. student, and Miss Ruby Marie Allen, of Lansing, will be solemnized on June 28. A number of pre-nuptial parties have been given in honor of Miss Allen.

C. B. Smith, '94, of the U. S. Dept. of Agriculture, was a college visitor during the last week of college. Mr. Smith is agriculturist in charge of the northern districts, and is interested in the scheme to place more agricultural experts in the field in each state.

Instructor Linton was in Saginaw recently, where he attended a meeting of the Saginaw division of the Michigan Poultry, Butter and Egg Shippers' Association. From Saginaw he went to Harrisville, where he visited the poultry plant of Miss Alice Gustin, a special student in 1910. He also visited several farms in the vicinity of Flint, on his return.

President Snyder gave an address before the Michigan Bankers' Association meeting at Kalamazoo on June 12.

Edwin E. Wallace, '11, who is with the Elkhart Hydraulic Co., at Elkhart, Indiana, was a college visitor on June 14 and 15.

Chas. H. Swanger, instructor in chemistry at M. A. C. in 1904-'06, is now in government work, and is located in New York City.

The Baptist Sunday school held a rousing picnic on the campus on June 15, at which time base ball and other games were indulged in, and a famous spread given.

Chas. B. Tubergen, '11, assistant in horticulture at Geneva, visited college friends June 13, on his way to his home in Grand Rapids, where he will spend his vacation.

The class of 1913 have elected the following officers for the coming year: Robert Loree, president; Jessie M. Whitney, vice-president; H. A. Schuyler, secretary; G. D. Cook, treasurer.

The last number of *Michigan Horticulture* is a credit to the members of our senior Hort. class, who had charge of the same. Editor Bassett was away, and the boys volunteered to furnish the matter. The articles are timely and well worth a careful perusal by every reader, and will no doubt be read with more than usual interest. A fine picture of the class is presented on the cover page.

G. M. Whittaker, '14a, will have charge of the poultry plant during the summer, and will be assisted by Mr. Knowles.

Mrs. J. A. Polson will sail, with her mother, for Norway early in July. They will spend the greater part of the summer there.

Miss Freyhofer and mother, and Prof. Hunt, of the domestic science department, will occupy the house on Evergreen Ave., owned by Harry Reed, next year.

Prof. Babcock found it necessary to go to Ann Arbor recently, for further treatment. It is hoped that the summer will put him in first class shape for the next year's work.

Bert W. Keith, '11, has completed his work at Winona, Ind., and is doing practical work at his home, near Sawyer. Bert spent several days with college friends at commencement time.

F. H. Kierstead, '09, spent commencement at M. A. C. Mr. K. has been with the General Electric Co., of Schenectady, N. Y., since leaving college, and is now expert assistant to Mr. Hobart, of the designing department of that Co.

Prof. Ryder and Instructor Dunford, of the economics department, are to spend the summer at Chicago, doing graduate work. Prof. Ryder will give his attention mainly to advanced courses in political science, while Mr. Dunford has chosen advanced work in sociology and economics.

Miss Minnie Johnson, a former M. A. C. girl, was married June 8 to Mr. Raymond W. Starr, of Harbor Springs.

The Delta Club will be kept open during July, for the benefit of those who remain for the Graduate School of Agriculture.

The college excursions will be run this year during the last week in August, beginning Monday, Aug. 26. Practically the same territory will be covered as that of last year.

Mrs. Fred Kenney and son, George, of Amherst, Mass., were guests of college friends during the week of June 10. Mr. Kenney, who is now treasurer at Amherst, was formerly cashier at M. A. C.

There were 13 members of the eighth grade class in the local school. Commencement exercises were held in the church chapel June 14, Judge Collingwood being the speaker of the evening. An excellent program was rendered.

The commencement parties for the season were as follows:

June 14—Ionian—Mrs. Wright's Assembly.

June 14—Delphic—Pine Lake.

" "—Forensic—Armory.

" "—Aurorean—Agricultural Building.

June 14—Columbian—Society rooms.

June 18—Hesperian—Armory.

" "—Union Lit.—Society House.

June 18—Eclectic—Society House

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WOMEN'S PRESS ASSOCIATION.

The Michigan Women's Press Association met in Lansing, June 11-13, holding one session at the college on June 12, at which time they were guests of the college. Luncheon was served in the dining room of the Women's Building, at which about 40 delegates were present. The luncheon was served by the members of the domestic science department and senior girls.

The afternoon session was held in the parlors of the building at 1:30. Mrs. Sherman, of Detroit, gave a talk on "The Dreamer in the Newspaper Office." Dean Gilchrist spoke on "The Value of Home Economics in the College Course." The ladies were then shown through the building and about the grounds, and at 4:30 listened to an excellent address by Mrs. Jennie Law Hardy on "Equal Suffrage."

The visitors were much interested, and expressed both surprise and delight at the scope and character of the work given at M. A. C. Many of them had never before visited the college, and knew very little of the course offered here.

Mrs. Hardy returned for the evening, and gave a five-minute talk in the dining room on "The Reason for Equal Suffrage." She has traveled extensively, and is well acquainted with the work being done in Australasia. She has spent some months in the Balkan states and in the Mohammed countries, where she had an opportunity to study the life and needs of the women. Her plea was based upon the need of the working woman.

Asserting that during the excitement over the Venezuela dispute with England during the second Cleveland administration Great Britain sent to the United States three officers to "spy out the land" and report on our military preparedness, Major Joseph Frazier, 1st U. S. Inf., says that the only thing that saved this country from war then was the report of these officers that "on every seventh hilltop" they found a military school which had been for years turning out graduates capable of officering the numerous volunteers which we would have available. They therefore advised against war. The officers found, we are told, that the Regular Army was in splendid shape, but so small as to be negligible, and the National Guard was "a very nice little social organization." Major Frazier is of the opinion that the fact that "we had several thousand cadets trained and under training in various military schools throughout the country saved us from having this third war with Great Britain." This surprising statement we find in the essay by Major Frazier in the May-June issue of the Military Service In-

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stitution, in which is discussed "Military Education" from the viewpoint of the "military training of the youth of the country for a period of at least one year as a means of developing the military spirit of the country for national defense." This essay received a silver medal and first honorable mention. In going on to develop his main theme Major Frazier discusses his proposed system of training under the heads of the preparatory stage, the continuation by development of the idea in high schools, and the completion, in which stage the system is considered as carried into the primary and grammar schools. The essayist frankly admits that it would cost "about three hundred million dollars a year to operate the proposed system, but the resulting increased efficiency in agriculture and the resulting conservation of the agricultural resources alone would be worth ten times that amount."

ALL THINGS TO ALL.

"Who is diss yere Roosevelt, anyhow, Rastus?" asked Mrs. Rastus.

"Dat am all dependent, Dinah," said Rastus, "on whar he is. Down in de South he's Ander Jackson; up in de No'th he's Abraham Lincoln, an' out in de West he's Dan'l Boone an' Davy Crockett!"

"Ah wondah who'll he be when he gits to hebben, Rastus?"

"Ah dun'no, Dinah, ah dun'no! Ah 'spects dey'll hab to leabe dat to a co't ob arbitration."

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