

The M. A. C. RECORD



Michigan Agricultural
College Association
Publishers ■ East Lansing
Vol. XXVII June 16, 1922 No. 34



The M. A. C. RECORD

ESTABLISHED IN 1896

M. A. C. Cannot Live on Her Past—What Will You Do for Her Future?

Entered as second-class matter October 30, 1916, at the post office at East Lansing, Michigan, under the Act of March 3, 1879.

Published every Friday during the College Year by the Michigan Agricultural College Association.

E. W. Ranney '00, Greenville - - - Pres.
H. C. Pratt '09, Lansing - - - Vice Pres.
W. K. Prudden '78, Lansing - - - Treas.
J. B. Hasselman, East Lansing - Acting-Editor
Members of Executive Committee.
Elected at Large:
C. S. Langdon, '11, Hubbardston.
A. C. Anderson, '06, Flint.
Mrs. Helen Esselstyn Wood, '09, Lansing.

MEMBERSHIP IN THE M. A. C. ASSOCIATION
which includes subscription to the
Record, \$2.50 PER YEAR.

Make Remittances payable to the M. A. C. Association.

Unless members request a discontinuance it will be assumed that a renewal of membership is desired.

**IF YOU WOULD HAVE REAL SERVICE
LET M. A. C. MEN SERVE YOU**

CLUNY STOCK FARM

Registered Holstein Friesian Cattle

Can furnish young sires of splendid individuality and breeding backed by large short time and yearly records. Correspondence solicited.

R. BRUCE McPHERSON '90, Howell, Mich.

CHARLES H. ROUSE, '17

Telephone Main 3783.

Pardee & Rouse, State Manager,
Continental Assurance Co.
605 Lincoln Building, Detroit, Mich.

EDMUND H. GIBSON, '12

Consulting Entomologist and Agricultural
Engineer and Staff of Sanitary and
Civil Engineers.

508 Munsey Bldg., Washington, D. C.

Fred M. Wilson, '17; Einar A. Johnson, '18
602 Lansing State Savings Bank Bldg.,
Lansing, Mich.

The Equitable Life Assurance Society of the
United States.

Life Insurance, Health, Accident Insurance.
Citz. 3556. Bell 2846.

DR. C. A. GRIFFIN, '10

Osteopath

360 Capital National Bank Building.
Citz. Phone: Office 8341. House 4950.

Trees, Shrubs, and Hardy Plants. Landscape
Plans and Plantings.

WILLIAM J. ATCHISON '16

Landscape Gardener and Nurseryman

Opposite Baker's Switch, East Michigan Ave.,
Box 525, East Lansing, Mich. Citz. Phone 9733
302 Helen St., Flint, Michigan. Tel. 2109

HILCREST FRUIT FARMS

Fennville Michigan.

H. Blakeslee Crane '14—Muriel Smith Crane, '14
We are members of the Fennville Fruit Exchange—
the largest in Michigan.

THE GRAND RAPIDS SAVINGS BANK,

Grand Rapids, Michigan.

"The Bank Where You Feel at Home."

M. A. C. People Given a Glad Hand.

Chas. W. Garfield, '70,
Chairman of the Board.

Gilbert L. Daane, '09,
Vice President and Cashier.

Connor's
WORLDS BEST
ICE CREAM

W. A. McDonald, '13-F, Mgr.

AFTER EVERY MEAL
WRIGLEY'S
Newest
Creation



Peppermint flavored chewing gum
with Peppermint
Sugar Coating.

Sugar jacket
"melts in your
mouth," leaving
the deliciously
flavored gum
center to aid
digestion,
brighten teeth
and soothe
mouth and throat.

**GREAT
5¢
TREAT!**

C32

THE M. A. C. RECORD

VOL. XXVII. No. 34

EAST LANSING, MICHIGAN

JUNE 16, 1922

THAT MARKED IMPROVEMENT in the appearance of the campus will be made during the coming summer is indicated by action of the State Board of Agriculture at its last meeting. The old Farm Mechanics Building, red frame structure which stands southwest of the Agricultural Building, is to be torn down as soon as possible. The various pig pens, very much in evidence when the wind is right, are also to be removed in the very near future. Plans for a modern piggery, to be located on the south side of the Red Cedar river, are being drawn. These improvements will make possible thorough cleaning up of the entire back-campus area. Rubbish piles will be removed, the strip of land between the college buildings and the river will be graded and seeded down to grass, and all necessary work will be done to make the river bank as beautiful as any other part of the campus, according to Secretary H. H. Halladay.

MORE THAN 500 STUDENTS are expected to enroll in the M. A. C. Summer School, which opens its six weeks' term on June 26. Many teachers and others from over the state, in addition to undergraduate students from the various divisions of the college, are registering for the special term. Prof. E. H. Ryder, director of summer work, expects the enrollment to establish a new record for the college. Summer School students, along with last winter's short course men, will bring the total enrollment for the year above the 2,500 mark.

NO M. A. C. TRACK MEN entered the National Collegiate Track and Field Meet at Chicago, June 16 and 17. The fact that Captain Ernst and his mates have been idle for more than two weeks, together with the crowded scholastic schedule of the men at the term end, resulted in decision to withdraw entries.

A TEAM OF TEN MEN from the college faculty golf team journeyed to Ann Arbor last Saturday to meet a squad representing the University faculty. The local team lost by a 21 to 7 count against the more experienced Ann Arbor players, but the competition was interesting and enjoyable. The same team met and defeated the Howell Country Club team at Howell last Wednesday afternoon, and is planning one or two other tournaments during the next two weeks.

PROF. W. B. BARROWS of the college Biology department returned recently from a six-day field trip into Northern Michigan. Professor Barrows was in search of information on the Kirtland warbler, a bird which nests nowhere in the world except on the jack pine plains in certain sections of Michigan.

SPECIAL ALUMNI EVENTS will occupy their usual prominent place in the general commencement schedule. Special class meetings and luncheons, in addition to the general gatherings and business meetings, will provide a full program for returning graduates. A list of events in which alumni will be particularly concerned is published elsewhere in this issue of the Record.

THE VARSITY BASEBALL team won its final state game last Saturday, defeating Albion 12 to 4. The team left Wednesday for a four-day trip to close the season's play. Bethany College was to be met on the 15th and 16th, and Oberlin on Saturday, the 17th.

THE ANNUAL COMMENCEMENT PAGEANT will be given twice this year, on Tuesday and Wednesday evenings, June 20 and 21. Lansing and East Lansing people are expected to attend on the first night, with the Wednesday performance reserved largely for alumni and students. The pageant will be known as "A Festival of Games and Dances."

A NEW SYSTEM OF STUDENT FEES will go into effect next fall. Instead of paying individual laboratory fees, all students in the different divisions will pay a "blanket" fee at the beginning of each term. The total amount of fees is neither raised nor lowered by the new plan, payment simply being made on a group rather than an individual course basis.

FOR THE FIRST TIME in the history of M. A. C. commencements, all members of the college staff will wear academic regalia this year. The faculty will be grouped on a platform behind the speakers, forming an impressive background for the commencement exercises.

A SPECIAL EXAMINATION schedule for the finals of the term will be in effect next week. Classes close on Friday, June 16, with the last week given over entirely to the final tests. The schedule has been worked out so that no student will be required to take more than one examination on any half-day.

THE ANNUAL CONFERENCE of Boys' and Girls' Club leaders of the state will be held at the college from June 26 to 30. During the week of July 10 the club members themselves will come to the campus for their annual gathering. Special courses of instruction and various entertainment features are being planned by the staff of the college extension division.

IMPROVEMENTS IN THE COLLEGE picnic grounds have been made during recent weeks. Water has been piped to the grounds, the old picnic "shanty" has been remodeled into a rest room, and the grounds have been made generally more attractive for the hundreds of visitors who picnic there during the summer months.

Commencement Events Of Particular Interest To Alumni
Alumni Headquarters in the Gymnasium

TUESDAY, JUNE 20

- 5:30 Alumni supper at the People's Church. Be there on the dot as the pageant follows at 6:30.
 8:30 Reception by faculty for President and Mrs. Friday and Secretary and Mrs. Halladay, in the Gymnasium.
 8:00 Union and Alumni dance in the Armory.

WEDNESDAY, JUNE 21 (COMMENCEMENT DAY)

- 10:00 Commencement and Inaugural Exercises in Gymnasium.
 12:30 Alumni Luncheon in Armory.
 2:00 Alumni Inaugural Program in Gymnasium.
 Welcome by M. A. C. Alumni and friends:
 Dr. L. H. Bailey, '82, Cornell University
 Mr. R. E. Olds, Lansing
 Pres. P. B. Woodworth, '86, Rose Polytechnic Institute
 Mrs. Gertrude Lowe Woodworth, '97, East Lansing
 Mr. E. W. Ranney, '00, Greenville
 Dr. Howard Edwards, Kingston, R. I.
 Mr. A. B. Cook, '93, Owosso
 Mr. F. F. Rogers, '93, State Highway Commissioner
 Judge Wm. L. Carpenter, '75, Detroit
 Dr. W. A. Taylor, '88, Chief Bureau of Plant Industry, Washington.
 4:30 Alumni-Varsity Baseball Game.

IMPORTANT NOTICE

On account of the large numbers of alumni who will return for commencement this year and the fact that the Armory will hold only 600 the committee in charge urges that, to avoid disappointment, returning alumni purchase their tickets for the Alumni Luncheon just as soon as possible. They may be had at the headquarters in the Gymnasium.

Eastern Time Holds For
Commencement

Events on the commencement program are scheduled on Standard Eastern or "fast" Central time, the time which prevails in Lansing and East Lansing this summer. The fact that there is no uniformity in the times used throughout Michigan, or the entire Middle West for that matter, has resulted in numerous queries regarding the "official" time at the college.

THE COLUMBIAN SOCIETY won the finals in the intersociety baseball tournament last Monday, defeating the Olympic team by a 9 to 4 score.

South Haven Association to
Meet June 29

The South Haven M. A. C. Association will meet on Thursday evening, June 29, with Mr. and Mrs. F. M. Barden, at their home north of South Haven. All members are expected to attend, according to Lloyd A. Spencer, '20, President. Those with cars will help to transport others to the meeting, which is to be called at 7:30 p. m., Central Standard time. All M. A. C. students and friends from the surrounding territory are also invited. The roads are good and everyone is guaranteed a good time.

Class Reunions

- '67 Fifty-fifth
- '71 Regular
- '72 Regular and Golden
- '73 Regular
- '74 Regular
- '77 Forty-fifth
- '82 Fortieth
- '87 Thirty-fifth
- '90 Regular
- '91 Regular
- '92 Regular and thirtieth

Some of the stunts:—

Harry White will orate at chapel Tuesday, speak at dinner, and will probably be called upon at the banquet that evening. He starts in again at breakfast, and so forth. For more complete and detailed information meet "Buck" Ewing, mostly everywhere on the campus June 18 to 21.

- '93 Regular
- '97 Twenty-fifth
- '02 Twentieth
- '07 Fifteenth—

'07 supper and banquet at Wildwood Inn on Grand River Avenue at 5:30, commencement day. Will be out in time for pageant.

- '09 Regular
- '10 Regular
- '11 Regular
- '12 Regular and Tenth—

Class headquarters — Greenhouse, home of Lutie Robinson Gunson. Memorial service for "Bill" Johnson at Memorial Grove following morning exercises. Class picture promptly at 5:00 on lawn of People's Church. All this on Commencement day.

- '17 Fifth
Big dinner and get-together at 6:00 Wednesday evening in dining room of People's Church. Howard Rather toastmaster.
- '20 Regular
Picnic at 5:30 Wednesday, back of the athletic field.
- '21 First
Picnic on picnic grounds Wednesday.

Note:—Practically all the "reuning" classes are planning special stunts of their own, the above being an incomplete list of programs.

Last Minute News on Class Gatherings

'74—George Brewer expects to see lots of his classmates back.

'88—A petition signed by "Linc" Avery, L. H. Bailey, E. N. Ball, J. W. Beaumont, A. J. Chappell, J. E. Coulter, Alice Weed Coulter, F. F. Delano, W. E. Hale, W. T. Langley, T. F. Millspaugh, J. R. Shelton and W. L. Snyder, was sent to the alumni office request-

ing the presence of all other members of the class of '82 on the old campus June 18 to 21, the last day in particular. J. H. Irish and J. L. McClear sent regrets and a kindly word.

'90, '91, '92 '93—W. O. Hedrick and A. B. Cook are expecting to see all members of these four classes on the campus. They have said so in various letters. Buck Ewing has received letters from several of the '92 folks. J. W. Lamb wants to come but "it can't be done, so if any of the boys remember who used to peddle the mail in Abbot Hall, and Faculty Row tell them I am still taking care of other people's money, which is making my hair a little white around the edges. I have graduated from the tennis class to the golf class. Otherwise am as young as I used to be." George Ford, also of '92, writes that he is a farmer and has been unsuccessful in raising boys to take care of it while he vacates, but otherwise he will try to be here. Baker says he is moved to attend. Albert Chase of '93 says, "Just whisper a word to the editor of the Record asking him to state the kind of time M. A. C. is using. When there is such a great mixup in the time all over the state, it is necessary to tell what kind is meant, Eastern Standard or Central Standard, fast or slow, city or farm. Hope no cyclone or other catastrophe will keep me from being there on time, whatever that time may be." (We are going on Eastern Standard or Fast Central time.)

'07—L. B. Hitchcock has come from Phoenix, Arizona, for the reunion. '07 class yell will be the pass word to the luncheons.

'12—Jollie Tibbs regrets that he cannot attend the Tenth Anniversary of '12 this year, but sends best wishes.

'17—Just in time for Commencement is Dane Lloyd, two-weeks old son of Lloyd J. Tasker and Caroline Wagner ('18) Tasker.

'20—A. M. Estes says "This is to notify you that this coon is going to help the class of 1920 eat the watermelon next week."

'21—Wayne Palm says that most everyone that he has written to has signified his intention of returning. Sackrider is back. Crampton and Maurice Rann are stirring things up with the help of Dorothea Weatherbee.

1912

Lansing, Michigan.
June 14, 1922.

Members of 1912:

All plans for the big 10th reunion June 21st have been finally arranged. Commencement exercises in the morning, inaugural ceremonies in the afternoon, with the general alumni luncheon in between and the pageant in the evening will make a busy day. However, your committee has arranged a worth-while program and assures you a good time. Our class headquarters will be at the greenhouse, the home of Lutie Robinson Gunson. There you can register, find out who is back, and what's doing. The girls will be provided with red

and white Japanese parasols, and the fellows will have paper hats of the same color.

A memorial service for "Bill" Johnson, the only member of 1912 to give his life in the war, will be held at the Memorial grove near the Senior house. We will meet at the flag-pole immediately following the morning exercises and go to the grove in a body. Mr. and Mrs. Johnson, Bill's parents, have been invited, and may possibly be there. This service will be short but impressive, and we trust a good number may take part. From the grove we go direct to the general alumni luncheon at the armory.

The class picture is to be at five sharp, on the lawn of People's Church. From there we will go directly to the class dinner which will be held at the "Wildwood," east of the church, where you can stay as long as you like, especially if you have seen the pageant the night before. Everything is informal of course. Pete Bancroft is to be master of ceremonies, and when he gets through you will say—"a good time was had by all." But you can't enjoy this unless you come.

The Committee.

1907

East Lansing, Mich.,
June 15, 1922.

Dear Classmates of '07:

As you will remember, at this Commencement, the class of '07 will hold its fifteenth reunion. Classes of '09 and '10 will hold regular reunions also.

Of course, you are coming and will want to know the arrangements for the day, June 21.

After the commencement exercises, the alumni have their doings and banquet. The classes sit together. Let's all be there and do our part by giving the good old yell. Don't you remember it?

Who rah! you rah!

We rah rah!

Naughty seven, naughty seven,

Rah, rah, rah!

After the dinner the alumni inaugural program will be held. At 4:30 the alumni varsity baseball game.

At 5:30 the '07 supper and banquet will be held at the Wildwood Inn on Grand River Avenue.

At 6:30 twilight pageant.

At 9:00 cap night.

Some remark has been made to the effect that the '07 class was not very active; but past records do not seem to bear this out, for last year about twenty-five '07 people registered at commencement time with no special attraction either. But like our Alma Mater, we cannot live on our past, so let's turn out and make our fifteenth reunion a howling success. Bring the kids. Let us know by return postal when we may expect you. If it is necessary we will provide lodging for you.

The following people in and around East

Lansing are expecting to see you: George A. Brown, C. M. Cade, Ralph S. Hudson, Mrs. Beatrix Skeels Tanner, Mrs. Bernice Black Dail, Elgin Mifflin, L. E. Severance, L. B. Hitchcock, Mrs. Inez Kinney Talmadge, Mrs. Bess Harcourt Christopher, Mrs. Helen Ashley Hill, Fletcher A. Gould, E. L. Grover, Mr. A. S. VanHalteren, Dr. Karl Brucker, W. W. Hitchcock, A. C. Pratt, O. K. White, Earl Town.

Yours for a big reunion,
E. L. Grover.

1917

East Lansing, Michigan.
June 5, 1922.

Fellow Classmates:

Were you one of the 114 who signified intentions of returning to the College for the 1917 reunion? If that number of live wires come to the campus for the big doings,—well, President Friday will sure enough know that he is associated with an up and doing, aggressive, spirited group of alumni. Come on you 114 and more too. Bring friend wife and the youngsters with you.

Traveling about the state from Benton Harbor to Cheboygan, from there to Detroit, I have met just many of the old pals. What have they said in parting? "We'll see you at the college at Commencement time." And A. J. Patch, Chi Fick, Bill Anderson, Ralph Henning, Ernie Carlso, George Butler, Linc Maire, Shelly Lee—all the friends will be here. What will we do? Eat, drink and be merry.

A local 1917 committee has been appointed to take care of our class activities. A big dinner and get-together is scheduled for just our number and our good friend Professor Edgar Sylvester King. This function will take place at 6:00 on the evening of Wednesday, June 21. It will be held in the dining room of the People's Church. Remember the banquet of two years ago? This one will surpass it for Howard Rather is to be toastmaster and he will call upon A. J. Patch, Len Verschoor, Otto Pino, Bill Thompson and Dode Dorris Frimodig. (Charley and Helen Washburn will be there with their All-American boy, Dic. Bring your youngster, by all means, and we'll have a contest to decide the most likely half-back for the 1940 team, also the leading lady for the Campus Review.)

The questionnaires sent out previous to publication of the News Letter, disclosed the fact that 114 '17ers were planning on being here for our reunion. The local committee has just one request to make. It is this. Buy a one cent post card, address to the writer of this letter, advise as to the number of places you will want at the 1917 dinner. The price will not be over \$1.00, probably 85c. Please do this before June 16 so that we may know just the number to prepare for.

Come on you '17ers. We've always been first in everything. Let us have the greatest reunion ever. One hundred and fourteen will be up at the top for 1917.

Norman O. Weil.

'21

Warning! Last, call!! Lest you forget!!! This is the first reunion of '21. Let's start it off right. We want 100 per cent attendance. Remember this is the BIG commencement.

We will sneak one over on Prof. Gunson and picnic on the picnic grounds, Wednesday, June 21, whenever we get hungry.

See you at the Campus.

Committee,
W. I. Crampton.

1921 Engineers

Springfield, Mass.
June 15, 1922.

Dear Brother Alumnus:

In this, my first letter written to '21 engineers, I wish to call your attention to the first reunion of the class which will occur on Wednesday, June 21, 1922.

The commencement program, a schedule of which was published in the Record of May 19, will run from June 18 to 21. The commencement exercises proper, as well as President Friday's inaugural, the alumni luncheon and other leading events will be held on Wednesday, June 21.

I am counting on your presence in order that the class of '21 may have the record representation. I regret, exceedingly, that I will be unable to greet you when you return to the old campus this commencement, and I will

take this opportunity of extending you my best regards and a welcome hand.

Yours for a big reunion,
Maurice B. Rann.

1921 Ags.

Bad Axe, Michigan.

Dear Classmate:

Don't forget that our first class reunion is to be held in East Lansing at commencement time. Let's show the other classes how much pep we have and turn out 100 per cent strong for this, our first reunion. I am sure that we will all enjoy being there with the fellows again and living over again our old college days. Also let's see if things have changed as much as we have read they have.

If you are located where you can reach the high school boys and girls, let's don't forget to do all we can for our college and send them there to take our course, or even engineering or applied science. Now that things have started to pick up we want to make them boom all the more.

Yours for a Greater M. A. C.,
Wayne Palm.

THE HORSES OF THE M. A. C. CAVALRY unit have been transferred to Camp Custer for the summer. The animals will be in charge of the regular staff of enlisted men, and will be returned to the college in the fall.

THE LANSING SORORIAN ALUMNAE will entertain the active girls of the society and the visiting alumnae at a tea at the home of Mrs. Van Halteren, 458 Evergreen Avenue, East Lansing, from 4:00 to 6:00, on Wednesday, Commencement Day. Business meeting and election of officers for the National Sororian Alumnae Association will be held.



The "Night Lights" of Wells are shining still.

Alice M. Powell, '17, Writes from China

Union Girls' High School,
Hangchow, Cheking, China.

Mr. C. W. McKibbin,
East Lansing, Michigan,
U. S. A.

Dear Mr. McKibbin:—

My brother wrote you of my leaving Changsha to teach here in Hangchow. This is a very interesting city, once the capital of China. It is said by the Chinese to be one of the two places on earth comparable to heaven. West Lake, with its famous scenery, is only about ten minutes' walk from our school, and there are many temples and other places of interest hereabouts. Hikes over the hills are a favorite pastime. An automobile road is being built around the north side of the lake. The streets in this part of the city are built of crushed stone and very wide, and are lined with trees, as this "Manchu City" was rebuilt by a progressive governor after the destruction at the time of the revolution. There are parks, and nice appearing shops, hotels, and residences, and the "New World" with its tower ablaze with varied colored electric lights every night. There is a big moving picture hall just over the wall from our school. You see the Chinese believe in being up to date. The old Chinese city is quite as filthy as other cities of this country, with no resemblance to "heaven."

This school is a rather young institution, but now has over 300 students, including all departments. I teach English, American history, and nature study in the high school, and enjoy the work very much. There are six other foreign teachers here and twenty Chinese teachers.

We alumni far from Alma Mater are most interested in all of the many changes at M. A. C., which, though they will make the school seem less familiar to us when we return, yet are marks of progress which we all desire. We who graduated a few years ago cannot help but wonder whether the present students appreciate their privileges of the new gym with its swimming pool, the new health service, the science course, the practice house, etc. We read that now students may even have airplane stunts between courses, and enjoy a real bird's eye view of the campus! The class of '17 was the first to enjoy the benefits of the opening of the Senior House, but doubtless the new Practice House will meet the need much better, and I am pleased to note the interest the alumnae are showing in this matter. How I wish our girls here might have such a building. They have to study domestic science in the upper story of an old building.

I was much interested in the statistics "Why They Came to College," and hope a similar survey will be made of M. A. C. When I read the marriage notices I wonder if you have any statistics regarding how many of these romances M. A. C. is responsible for. I will wager much wedded bliss can be traced

to Lovers' Lane, class rooms, college parties, etc. Perhaps this is a service M. A. C. performs, not listed in the catalog, but somehow some of us seemed to have missed connections and are still living in single blessedness (?); therefore I can report no marriages, births, deaths, or other such items of interest, but want you to know that I have by no means forgotten you.

I hope M. A. C., under her new president and new members of the Board will go forward to greater achievements, and that every effort will be made by the administration, students, and alumni to secure the much needed dormitories, library, auditorium, hospital, stadium, etc., as well as the Memorial Building.

I have just one suggestion for the betterment of the Record. Those of us who were interested in the Christian Associations while in college I am sure would appreciate more news of what they are doing. Could not we have a report of their activities at least at the end of each term? I note by a recent Record that M. A. C. has a Student Volunteer Band at present. Those on the foreign field would be glad to know something about its activities.

Yours very truly,

Alice M. Powell, '17.

M. A. C. Student Pastor Announces Resignation

Rev. O. W. Behrens, who for the past three years has occupied the position of student pastor at the college, under a co-operative arrangement promoted by the Baptist, Congregational, Methodist and Presbyterian denominations, will close his work the last of June, and will take up special work in agriculture, rural sociology, and economics at M. A. C. for the next two years.

A successor to Mr. Behrens will be appointed as soon as the secretaries of the four denominational boards can find a man for the position. His name will probably be announced within the next few months.

Mr. Behrens assumed the work here in the religious educational field as an entirely new project. It had never been tried in any university center before, and so there were no precedents to follow. Methods of approach under these circumstances had to be devised and the proper relationship established with the existing organizations. The work from the very first was carried on in cooperation with the work of People's Church, where Mr. Behrens was assigned an office.

During the three years of Mr. Behrens' pastorate many projects have been developed. A program of creating a deeper interest among the students in Christian work was carried out and quite a large number of students have chosen the ministry and various forms of missionary and welfare work as their vocations. Emphasis was placed on the need for M. A. C. students to do constructive religious work in their own communities, and as a re-

sult many rural projects have received new life and have been revitalized.

Probably the finest piece of work done in the student pastor's three years of work has been the recent organization of the Council for Religious Work at M. A. C. This organization was formed on the campus to accomplish for the various religious organizations what is accomplished by the Council of Churches in Lansing and other cities where such organizations have been formed. The organization has been fully established and is functioning actively already.

It is regretted that Rev. Behrens is leaving his work at this time, but the organization is quite well established now and another man can assume the task with considerable less difficulty than was encountered at the beginning. People of the college community are pleased that Rev. Behrens and his family have decided to remain at East Lansing.

The Lawson Contest Essay

First prize in the Geo. E. Lawson prize essay contest, held annually and open to all men students of the college, was won this year by Mr. C. R. Clausen, '23, a member of the Dorian Literary Society. His essay, entitled "The Farm, Nation Builder," won generous praise from judges of the contest. We print Clausen's paper below, in the belief that many alumni will be as interested as we have been in his presentation of farm life advantages.

THE FARM, NATION BUILDER.

The Farm: Best Home for the Family
Main Source of National Wealth
Foundation of Civilized Society
The National Providence—

Such an inscription appears on the Union Station at Washington, D. C. Volumes have been

written about the farm and about farm problems. But the whole "case for the farm" is summarized in those four short statements. In them one finds the true reason for the greatness of the United States. A nation is no greater than its people. The greatness of the people—their state of education and the civilized development—depends upon that great national unit, the family. Anything that in any way tends to benefit this unit tends to increase the greatness of the nation. The one thing that is of greatest benefit to the family is the home.

"The Farm: Best Home for the Family."

The family means primarily the children, for wherever is the best home for the children, there also is the best home for the parents; it is naturally so. The adult wolf could survive with no den at all, for she is swift-footed enough to escape enemies and she can withstand the cold. But the wolf cubs must have a den to live in. Hence the best home for the wolf family is a den, and a den is used. This is the case all thru the animal kingdom.

The best argument as to the relative value of the city and the farm as a home comes in the words of a boy, sitting forlornly on the back fence in a large city:

"Aw, shucks, there ain't no fun in this here town. Wisht Ma'd go home. Ain't no place fer a feller t' run around, less'n some ol' horn comes tootin' in his ear. Ain't no crick t' dam up and wade around in. Ain't no calves' tails t' ketch holt of when yer Pa ain't lookin'. Ain't no fishin', 'ceptin' off of some ol' dock where they's 'bout a million others squawkin' 'round, scarin' the fish. Ain't no hills. What they do in winter, I can't see. There aint no nuthin' 'round this ol' place fer a guy t' do."

And the boy was right. The city is no



The "Coop"—next year there'll be a new Woman's Building.

place in which to rear a boy and give him room to develop. The average American boy is a bundle of dynamite, full of energy and mischief. Dynamite in its place does a great deal of good; but in the wrong place it does inestimable damage. So it is with the boy. Give him the right place in which to play, so that he can use his imagination and energy without harm to others, and he is a safe proposition. But drop him in an alley in the city, and something is bound to happen. And something does happen.

You will not find any patrol wagons backing up to a barn in the country to take young boys to jail for running an amateur "gambling joint." But many cases of this kind have been known in a large city. Boys in their early teens have been "run in" because of too much education in "rollin' the bones." The papers are full of accounts of hold-ups committed by young men who ought to be playing baseball, basketball, and football in school, young fellows who are to become the leaders of the nation. How many such cases do you hear of in the country? The reason for the difference lies in the fact that the country boy has enough to keep him busy without such activities as "African golf."

The country boy has practically the whole universe to play in, and to explore. There are the birds that he knows, the rabbits to hunt, the Indians to kill. There are the dams to build in the old pasture "crick." Many the engineer has got his start building just such a dam. And then there is the "ol' swimmin' hole" that is known only to the country boy. The boy in the city cannot run down to "jus' past the big bend in the crick," tearing off his blouse while on the run, holding up his overalls with one hand for the last fifty feet, to be ready to jump out of them and be the "first one in." The country boy swims as nature intended, "raw." There is no bathing suit to hinder him. The whole realm of boyhood activities is reflected in the "swimmin' hole." Then to be the first one dressed, and watch the others "chaw raw beef." And finally home, tired and always hungry, to slide up to the stove where mother's cooking fried-cakes, and have her look at you with the understanding smile, and give you a real, regular, hot one, and tell you to "go 'long now; don't bother me." Who wouldn't be a country boy?

In the country the growing lad has the chance to be natural, without bothering grown-ups, to any great extent, without the necessity of "rollin' bones" for excitement. There can be no question about it; the farm is the only place for the growing boy. "There ain't no nuthin'" in the city; in the country there is—everything. Where there is a boy in the family, the best home for the family is on the farm. And the same applies to the girls. People cannot grow up in a realm of singing birds, bright sunshine, animals, and other such pleasures, and lead lives of crookedness and disregard for their fellow-men.

"The Farm: Main Source of National

Wealth." The wealth of a nation depends on its agriculture. The leading nations of the world are agricultural. Even the British Empire is agricultural when one considers the dependencies; although situated as it is, the homeland itself is an industrial state. But the United States, Germany, France—all are agricultural. Then the other nations, for example China, where the agricultural activities are slow and backward are the backward nations. Truly, the agriculture of a nation is the main source of national wealth, of national greatness.

The farm industry provides more than half the raw materials used in manufacturing, and it also provides a market for forty per cent of the manufactured goods. This was brought out at the Conference on Unemployment at Washington, D. C. Farm products and farm equipment furnish fifty per cent of the gross freight revenue of the railroads. Farm industry employs 13,000,000 out of 40,000,000 laborers. The farm industry is the basic industry on which all industries and workers depend for the food and the raw materials of clothing and the other necessities of life. Everything is vitally related to agriculture. There is no acute problem of unemployment on the farm. On the contrary, the farm has a powerful influence on unemployment. It is the haven for great numbers of the unemployed from other industries, from the large industrial centers. Many city men went back to the farm during the business depression that followed the war.

Then, too, a depression of the farm industry affects the entire industrial life of the nation. The people on the farms comprise forty per cent of the population of the United States. If the prices received by the farmer are low, then he cuts down on what he might normally buy. This causes stagnation of business in the small towns of the agricultural sections, and this in turn affects the business in the larger cities, and it also affects transportation. The buying power of the rural communities cannot be overlooked. It has a powerful influence on the wealth of the nation.

Providing more than fifty per cent of the raw materials, and providing a market for forty per cent of the manufactured goods, is it any wonder that the wealth of the nation is so dependent on its agriculture? Is it any wonder that the farm industry is the greatest industry of the greatest nation of the world?

"The Farm: Foundation of Civilized Society." Man first lived by hunting and fishing, killing his food from day to day. But this he soon found to be a very precarious method of existence. On some days he could not kill—and he did not eat. Hence he gradually collected a few of the natural plants and cared for them so that they would grow and provide food for himself and for the animals which he had tamed. The constant care for the plants and animals built up agriculture. The necessity to remain in one spot caring for his crops and stock led to permanent homes.

So man started to build villages, instead of being forever on the move from one camping spot to another.

With the growth of the villages came a stronger union between individuals of the tribe. A love of their town grew; patriotism received its start. The problems of the community became more and more numerous. The social life of the people broadened. A love of art, music, and various other things was the natural result; a love of peace, and brotherhood, sprang up.

The tribes that did not plant crops nor care for stock, but continued to make their living by hunting, developed much more slowly than the other tribes. Note the case of the Indian in our own country. The Indian tribe (the Aztecs) that is considered to be the most highly developed, was an agricultural tribe, living in cliff dwellings and growing corn in the valleys. Other more warlike and roving tribes were among the first to disappear from the continent.

The cities banded into states; the states united to form nations. Thus the foundation for our present-day civilization was laid on agriculture. These bands of men that planted crops and raised stock survived, grew, and expanded. Those that kept to the old way of living from day to day were exterminated.

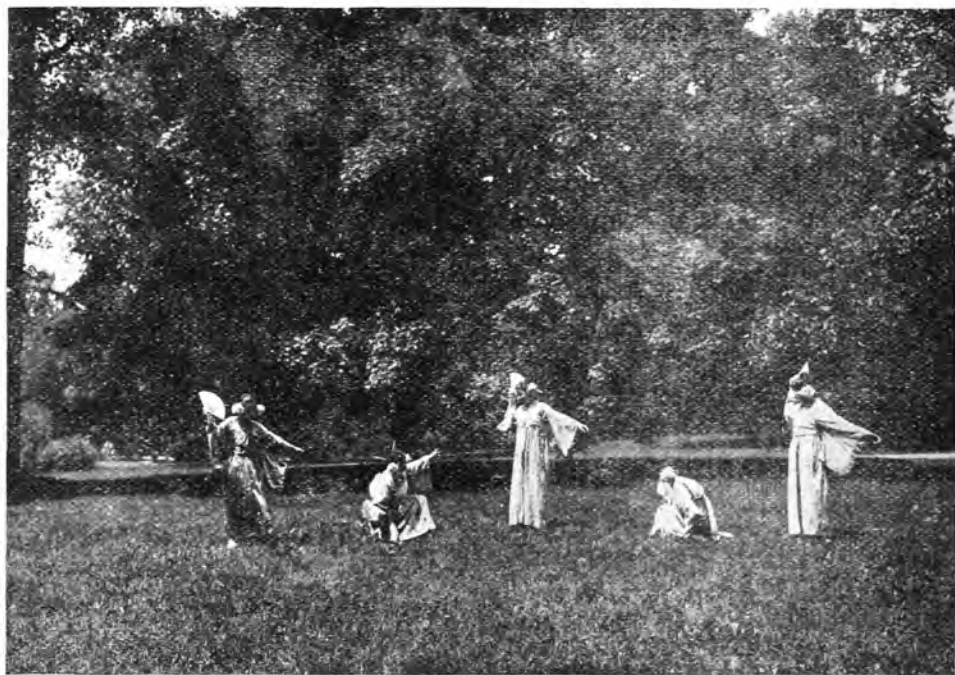
"The Farm: The Natural Providence."
How truly wonderful it is that one small seed

will develop into a plant yielding a great many similar seeds and a greater amount of food. How wonderful that one small seed will develop into a huge tree which will furnish materials for the comfort of man. When one thinks that plants are the only things on earth capable of taking elements from the air and soil to convert them into food, one realizes that the farm is indeed a Natural Providence. Carbon dioxide is taken from the air; water is taken from the soil. The two are united and changed by the energy of the sun into compounds suitable for human consumption. Can any chemist take these elements and make them into human food? Synthetic cows we may have, the replacing of horses by tractors we may accomplish; but the farm will always remain the Natural Providence which the Creator has supplied for his Children.

Is it any wonder then that the United States, the greatest agricultural nation in the world, is also the foremost nation? With her agricultural possibilities as yet scarcely touched, is there any reason to suppose that our nation will not continue to be the foremost nation of the world?

For the United States is a farming nation and the Farm is:

The Best Home for the Family,
The Main Source of National Wealth,
The Foundation of Civilized Society,
The Natural Providence.



The Commencement Pageant will be more beautiful than ever this year.

Meeting of the State Board of Agriculture

President's Office

June 3, 1922. 10 o'clock A. M.
Present, President Friday, Mrs. Stockman,
Messrs. Brody, McPherson, McColl and
Halladay.

The minutes of the previous meeting were approved without reading.

On motion of Mr. Brody, the recommendations contained in the following communication from Director Baldwin were approved:

Pres. David Friday, May 15, 1922.
East Lansing, Mich.

Dear Pres. Friday:

The items listed below are submitted for your consideration and submission to the Board:

Mr. A. L. Strang, County Club Agent for Saginaw, has presented his resignation to be effective May 15.

Appointments:

Mr. W. S. Wood to be County Club Agent for Jackson, effective May 1.

Mr. Joseph Turner to be County Agricultural Agent for Delta, effective April 15.

Mr. Vern Freeman to be Extension Specialist in Animal Husbandry, effective July 1.

Mr. Donald Williams, who has been Extension Specialist in Sheep Husbandry, is at present in charge of the Wool Pool for the Michigan State Farm Bureau. He is now acting on informal leave, and I should appreciate having his leave of absence extended formally until Jan. 1, 1923.

On May 4, the chairman of the Committee of twenty-one on Fruit Marketing of the American Farm Bureau Federation, made urgent request for Mr. Tennant to assist them in conference in New York on May 9. Inasmuch as the action of the committee was vital to progress in cooperative fruit marketing in Michigan, I asked Mr. Tennant to attend the conference. I should appreciate approval of the expense of this trip.

Yours very truly,

(Signed) R. J. Baldwin,

Extension Director.

On motion of Mr. McPherson, the matter relative to employing an instructor in English to succeed Mr. R. T. Taylor, resigned, was referred to the President with power to act.

On motion of Mrs. Stockman, Miss Josephine Hart was granted leave of absence with pay, until September 1. Miss Sweeny was authorized to employ Mrs. Florence Stoll England to take care of work due to Miss Hart's absence.

On motion of Mr. McColl, the matter of employing an extra man for experimental work in Entomology, was referred to the president with power to act.

On motion of Mr. McColl, the following recommendations made by the Committee on Advanced Degrees, were approved:

That the quarter-time graduate assistant-

ship now allotted to the Department of Bacteriology, but not filled this term, be changed to a half-time graduate assistantship, and that this position be filled the next college year by the appointment of R. H. Weaver, a graduate of Allegheny College.

Also that C. C. Dethloff and D. R. Yoder be appointed half-time Graduate Assistants in Soils.

On motion of Mr. McColl, Prof. Cox's request through the Secretary of the Committee on Graduate Study, for two half-time Graduate Assistants and two quarter-time Graduate Assistants in Farm Crops, was granted.

On motion of Mr. McColl the following recommendation of the faculty dated December 16, 1919, and laid upon the table at that time, was taken from the table and approved:

"The committee appointed to consider the question of permitting members of the teaching force and of the staff of the experiment station to take for credit courses offered by the various departments of the Michigan Agricultural College, beg leave to report as follows:

The committee heartily approve the principle of permitting our teachers and the members of the experiment station staff to earn college credits. In the belief of the committee this action will, if taken, be a progressive step and will result in the betterment of conditions in the institution and in a general improvement of our standard of teaching. The committee recommend, therefore, that the faculty approve the principle and refer it to the Board of Agriculture for approval together with the following rules under which it may be carried out:

"1. The maximum number of credits which a member of the staff may earn in one year exclusive of summer school shall be ten.

"2. In each instance permission to undertake work and approval of work undertaken shall be granted by a committee consisting of the president of the college, the dean of the applicant's division, and the head of his department."

On motion of Mrs. Stockman, the resignation of Miss Helen Reid Goodrich from the department of Home Economics, was accepted to take effect August 31.

On motion of Mr. Brody, the building of a piggery was authorized and the details of the matter were referred to the Building Committee.

On motion of Mr. McPherson, the expenses incurred by Dean Bissell in attending the Conference on Engineering Administration at Pittsburgh, were authorized to be paid.

On motion of Mr. Brody, the following Fair Circuit for the M. A. C. Horse Exhibit as presented by Mr. Hill, was approved.

Ohio State Fair.

Michigan State Fair.

Jackson Fair.

West Michigan Fair at Grand Rapids.

On motion of Mr. McPherson, the matter

of awarding scholarships to winners of State Championships in Boys' and Girls' Club Work, as presented by Mr. Turner, was approved.

On motion of Mr. McColl, the following schedule of fees as presented by the Registrar, was adopted:

Division of Agriculture.....	\$26 each term
Division of Engineering.....	26 each term
Division of Home Economics.....	28 each term
Division of Applied Science.....	30 each term
Division of Veterinary Medicine..	30 each term

On motion of Mr. Brody, the Secretary was authorized to employ Mr. Clarence W. Hubbell of Detroit to make a survey of the water situation at the College, and make recommendations for improvement.

The following motion by Mr. Brody, was carried:

"It is moved that the Board authorizes the granting of the degrees of Bachelor of Science, Doctor of Veterinary Medicine and the various graduate degrees, to such candidates as have fulfilled the requirements for such degrees and who will be recommended by the Faculty for graduation."

On motion of Mr. McPherson, the action of the Board concerning salaries passed at the May meeting, was rescinded and the following resolution substituted:

"I move that the President, with the approval of the Budget Committee, shall review the salary roll for the purpose of eliminating at least \$15,000 of stenographic help

from the payroll for the year 1922-1923; and for the purpose of reducing the personnel of departments whose expenditures are disproportionate to the results which are being obtained."

On motion of Mr. McColl, the plan for advertising for bids for the construction of the Home Economics building, as presented by the Secretary, was approved. The Secretary was further directed to secure a guaranteed estimate of the cost of the Library building to be presented to the Administrative Board.

On motion of Mr. McColl, the Secretary was directed to move the Farm Mechanics building at the earliest possible time.

On motion adjourned.

The '90 Group

East Lansing, Mich.,

June 13, 1922.

Dear fellow member of the '90 group:

This year, the best part of the "ninety" group, the classes of '90, '91, '92 and '93, are to have a reunion. Some of us have grown up since the nineties and it would be worth while to come back and see how the college looks to a person who is of age. Come and show your classmates whether the predictions you used to make of yourself have come true or not, also find out whether theirs have. Besides, this year there are things of unusual interest. A new president is to be inaugurated.



"Close beside the winding Cedar."

This is the first inaugural the college has ever had and you ought to be here to help out. Take the day off June 21, and give yourself the treat of seeing the old college, the old campus, and the old classmate again.

Yours for a big reunion,
W. O. Hedrick, '91.

1922 Reunion Schedule

The classes which are scheduled for reunions next June are as follows:

'71 regular	'97 Twenty-fifth
'72 regular, 50th	'02 Twentieth
'73 regular	'07 Fifteenth
'74 regular	'09 regular
'77 Forty-fifth	'10 regular
'82 Fortieth	'11 regular
'87 Thirty-fifth	'12 regular, 10th
'90 regular	'17 Fifth
'91 regular	'20 regular
'92 regular, 30th	'21 First
'93 regular	

CLASS NOTES

'86

C. H. Judson may be reached at 400 Beach St., Berea, Ohio.

'88

This comes from H. B. Cannon, 1112 Washenaw Avenue, Ann Arbor. "Have been renewing my botanical information and gaining new inspiration in the field of Natural Science by attendance this past school year at U. of M. During the summer expect to attend the Biology camp on Douglas Lake."

'97

H. E. VanNorman is leaving for Europe as a delegate of the United States to the general assembly of the International Institute of Agriculture at Rome, May 8 to 18. He is also on a special commission from the Department of Agriculture to study dairying in Europe. He is president of the Worlds Dairy Congress Association.

'07

Scott and Jean McCoy (w'09) Lilly are rejoicing over the birth of a son, Scott Junior. They are living in New York City at 30 Church Street.

Breck B. Lumbard is cashier of the bank at Kissimmee, Florida.

Earl P. Robinson of Durham, New Hampshire, says that he hopes to be back for the fifteenth reunion of '07 this commencement. He continues, "Want to see all the girls and boys back. Have the pleasure of seeing M. A. C. folks occasionally in this corner of Yankee land. Within the past few months have seen VanAlstine '07, Smith '16, Sevey '03, Crosby '93, Bibbins '15, Clinton '89, and

Tanner '08. Saw Brody '04, and Hagerman '13 at Atlanta, Georgia, last November."

'08

Arthur R. Wilcox responds from Eugene, Oregon, where he is in the Forest Service.

'12

Fred R. Harris, formerly with the Michigan Public Utilities Commission, is now City Manager of Escanaba, Michigan.

'13

After July 1, 1922, J. A. McClintock will be with the Department of Plant Pathology, University of Tennessee, Agricultural Experiment Station, Knoxville, Tenn. He is writing up for publication the results of his three and one-half years in research work.

'14

Jessie Whitney Cartwright was listed in the June 9 Record as being "with the Northern Wheel Company", at Alma, Michigan. This is apparently an incorrect statement, resulting from a request for change of address to "care of the Northern Wheel Company." The Record regrets the mistake, and prints the following letter from Mr. Cartwright in explanation:

"Your Record of last week shows under '14 notes, that Jessie Whitney Cartwright '14 is now with the Northern Wheel Company of Alma, Michigan. Please advise where you obtained that idea! I believe I gave you that address when we left Oak Park but that does not excuse the above, which surely is embarrassing. Mrs. Cartwright wished me to say that she has noticed several changes in the make-up of the Record in the past few months, and knows of other errors of this kind. If you care to, please correct statement in your next Record. It so happens that the writer is with the Northern Wheel Company of this City as General Manager, but Mrs. Cartwright is General Manager of a home at 909 N. State Street.

Yours truly,

W. R. Cartwright."

Mr. and Mrs. Melvin A. Russell announce the arrival of Phyllis Elizabeth on Sunday, March 5, 1922. The Russells are living at 95 N. Prior Avenue, St. Paul, Minnesota.

'16

Mrs. Orville E. White, formerly Marian L. Campbell, is living in Lansing at 213 N. Pine Street.

'18

We again class Aileen Carney Haefner among those "not present." Mail addressed to her at 1300 W. Bethune Avenue, Detroit, has been returned unclaimed.

Winslow E. Dobson says "Married? Yes. Children? One boy, eight months old. Living at 147 Fourth Avenue, East Orange, N. J. Selling Mack trucks for the International Motor Co., New York City."

'19

C. E. Bird, 29 Toxteth Street, Brookline, Massachusetts, writes, "LeMoyn Snyder and

I are finishing the third year at Harvard Medical School this spring. I am to be with the Grenfell Mission, at Indian Harbor, Labrador, from July 1 to September 15."

'20

H. B. Jameson stopped at the Alumni office and gave us a change of address, from Palmetto, Florida, to Batavia, New York.

Frank H. Wildern is secretary and treasurer of the Landscape Service Company at Wheeling, West Virginia. He may be reached at 424 National Road. He says, "Am rounding up all M. A. C. men that I can find in the district to attend M. A. C.-Bethany baseball game at Bethany this week."

Ralph D. Wyckoff is with the Electrical Engineering Company of Lansing.

G. D. Wible, no longer of Ann Arbor, is in East Lansing.

'21

William J. Clench is taking P. G. work at Harvard. He says he is looking for some M. A. C. folks to drop in. He plans to make Commencement this year if it is at all possible. He reports that Sen Yu '21 and Plummer Snyder '20 are also taking work at Harvard.

Carleton Currie is back again in Michigan after a year in Boston. He may be reached at R. F. D. 5, Grand Ledge.

Loyalty.

LOYALTY TO ALMA MATER SHOW.

Out with your praise, so all may know
Your sense of gratitude that you
And a host of others, all true blue,
Learned at her shrine the lesson fine
That loyalty keeps us all in line—
Year by year to the end of time.

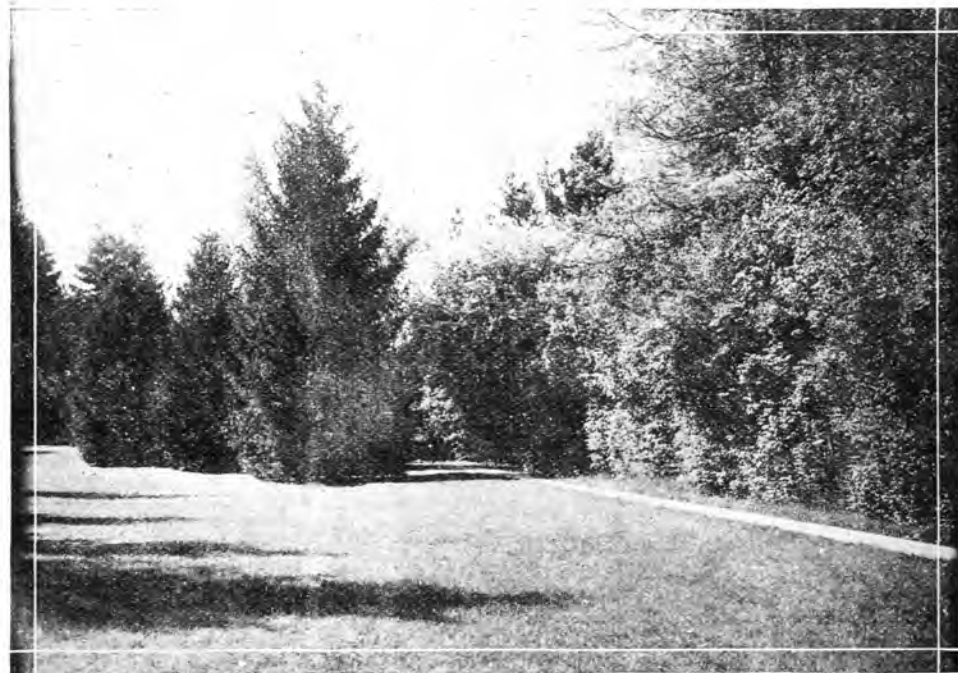
Then keep in line and do your part
Or loyalty is not in your heart.

As from her fount we did receive,
Let each a mite each year now give
Most willingly to help her stand
And spread her fame throughout our land.

Most loyal be to local bands
And place your tribute in their hands
To help them win more local fame
Each year, by things that win acclaim,
Reflecting honor on her name.

See that your local dues are paid.
Help by your presence and your aid
On all occasions, year by year,
Which aid your Alma Mater, dear.

Dwight S. Cole, M. A. C. '93.
Grand Rapids, Mich., Nov. 15, 1921.



The Campus paths invite you back

IF YOU WOULD HAVE REAL SERVICE --- LET M. A. C. MEN SERVE YOU

EDWARD N. PAGELSEN, '89
Patents, Patent Law, Trademarks
 1108-9 Detroit Savings Bank Bldg.
 Detroit, Michigan.

A. M. EMERY, '83
 223 Washington Ave. N.
 H. C. Pratt, '09, in charge of Office Supply
 Department.
 Books, Fine Stationery, Engraved Calling Cards,
 Fountain Pens, Pictures, Frames, Filing
 Cabinets and General Office Supplies.

SMITH POULTRY & EGG CO.
 Commission Merchants
 Solicit consignments in
 Poultry Veal Eggs
 Guy H. Smith, '11
 Western Market, Detroit.

DR. E. D. BROOKS, '76
 Diseases of the
EYE, EAR, NOSE, AND THROAT
 Glasses Fitted
 Suite 704, Hanselman Building,
 Kalamazoo, Mich.
 Office hours 9 to 12, 1 to 5.

THE CORYELL NURSERY
 R. J. Coryell, '84; Ralph I. Coryell, '14
 Growers and Planters of Shade and Fruit Trees,
 Shrubs, Evergreens and Vines.
 Landscape Beautification Service,
 Birmingham, Mich.

THE EDWARDS LABORATORY
 Lansing, Michigan
 S. F. Edwards, '09
 Anti-Hog Cholera Serum and Other Biological
 Products. Legume Bacteria Cultures
 for Seed Inoculation.

LANDSCAPES WITHOUT WAITING
 Plans by Graduate Landscape Architects
F. A. Carlson, '16
 308 Mathews Bldg., Milwaukee, Wisconsin

GOODELL, ZELIN C.
 (Forestry, M. A. C., '11)
 Insurance and Bonds of Every Kind.
 If you haven't insured your salary, better see or
 write Goodell about a good proposition.
 Lansing Insurance Agency, Inc.
 208-212 Capital National Bank Bldg.

AMERICAN EXTENSION UNIVERSITY
 Correspondent Courses—40,000 Students
 A. C. Burnham, B. S., LL. B. (M. A. C., '93),
 Pres., 123 Stimson Bldg., Los Angeles;
 Suite 1108 Wrigley Bldg., Chicago;
 Suite 17, 729 6th Ave., New York.
 Unusual opportunities for M. A. C. Men as
 Specialty Salesmen.

WALDO ROHNERT, '89
 Wholesale Seed Grower,
 Gilroy, Calif.

J. H. LARRABEE
 325 S. Washington Ave.
 Sport Shop—Athletic Goods of all Kinds.

Finest of Michigan **HONEY** produced at
 Clover Ile Apiary, Grosse Ile, Mich.
BASIL T. KNIGHT '20
 Attractive prices to M. A. C. folks.
 Shipped anywhere, delivered in Detroit.

VIRGIL T. BOGUE, '11
Landscape Architect and Nurseryman
 Your grounds planted with our extra grown
 shrubs and specimen trees and evergreens
 will give you immediate results.
 Geneva, Ashtabula Co., Ohio.

"MAPLEHOMES SHORTHORNS"
 Herd Sire, Wedding Goods 742959, A Scotch-topped
 Whitehall descendent; herd of 20 females, estab-
 lished 1899; young sires for sale, terms rea-
 sonable; one white, one red, and one roan on
 hand now.
J. H. READ & SON, L. W. READ, '14.
 Proprietors, Copemish, Mich.

MAYER & VALENTINE
Consulting Engineers
 Power Plants Electric Wiring
 Heating Plumbing
 Ventilation Refrigeration
 Plans, specifications, supervision
F. H. VALENTINE, '09
 621 Bangor Bldg. Cleveland, Ohio

LOUIS BECK CO.
 112 Wash. Ave. N.
 Sam Beck, with '12, Sec'y and Treas.
 Best in Clothes for Men, Young Men and Boys
 Royal Tailored Garments to order.

FRY BROKERAGE CO., INC.
Shipper's Agents
 Car-lot Distributors of Fruits and Vegetables
 192 N. Clark St.
 M. Fry, President; H. P. Henry, '15, Vice President
 and Treasurer; V. C. Taggart,
 '16, Secretary.
 Oldest Brokerage House in Chicago.

Howe, Ruch & Jenison
STOCKS—BONDS—REAL ESTATE
 (O. C. Howe, '83)
 Capital National Bank Bldg. Lansing, Mich.

**BREEDER OF HOLSTEIN CATTLE AND
 HAMPSHIRE SHEEP**
C. I. Brunger, '02
 Grand Ledge, Michigan.

SHERIDAN CREAMERY CO.
 Sheridan, Wyoming.
CHAS. J. OVIATT, '09
 The best butter, ice cream and eggs in this neck
 of the woods—we admit this freely

TWENTIETH CENTURY RADIO CORP'N
L. V. Williams, Manager.
 Distributors of Westinghouse, General Electric,
 Western Electric Radio Apparatus.
 2311 Woodward Avenue, Detroit, Mich.
 Phone Main 7809.

FARGO ENGINEERING CO.
Consulting Engineers, Jackson Michigan
 Hydro-Electric and Steam Power Plants,
 Difficult Dam Foundations.
 Horace S. Hunt, '05.

Write Today ——— Do Not Delay
 The season is advancing

THE MARL EXTRACTOR CO.
 (Not Incorp.)
 Marshall, Mich. W. G. Merritt '93

The Readers of the Record Own It. That's Why They Patronize Its Advertisers.