## TRACK RECORDS AT M. A. C.

Alumni and former students may be interested to see again the track records which have been made at M. A. C.

<table>
<thead>
<tr>
<th>Event</th>
<th>Record held by.</th>
<th>Made</th>
<th>Year</th>
<th>Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-yd. dash</td>
<td>H. E. Moon</td>
<td>1904</td>
<td>Special</td>
<td>10 sec.</td>
</tr>
<tr>
<td>220-yd. dash</td>
<td>H. E. Moon</td>
<td>1904</td>
<td>Special</td>
<td>22 1/2 sec.</td>
</tr>
<tr>
<td>440-yd. dash</td>
<td>C. J. Oviatt</td>
<td>1908</td>
<td>1909</td>
<td>51 4/5 sec.</td>
</tr>
<tr>
<td>One-half mile run</td>
<td>C. J. Oviatt</td>
<td>1908</td>
<td>1909</td>
<td>2:02</td>
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<tr>
<td>Mile run</td>
<td>M. Geib</td>
<td>1912</td>
<td>1913</td>
<td>4:42 4/5</td>
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<tr>
<td>2-mile run</td>
<td>Ralph Carr</td>
<td>1908</td>
<td>1908</td>
<td>9:26</td>
</tr>
<tr>
<td>120-yd. hurdle</td>
<td>G. W. Shaw</td>
<td>1910</td>
<td>ex-'12</td>
<td>15 4/5</td>
</tr>
<tr>
<td>220-yd. hurdle</td>
<td>G. W. Shaw</td>
<td>1910</td>
<td>ex-'12</td>
<td>26 2/5</td>
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<tr>
<td>Running broad jump</td>
<td>H. E. Moon</td>
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<td>Special</td>
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<tr>
<td>Running high jump</td>
<td>C. S. Lord</td>
<td>1912</td>
<td>1913</td>
<td>6 ft. 1 in.</td>
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<tr>
<td>Shot put</td>
<td>A. L. Campbell</td>
<td>1910</td>
<td>1910</td>
<td>41 ft. 1/2 in.</td>
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<td>R. Vesper</td>
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<td>ex-'12</td>
<td>126 ft.</td>
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<tr>
<td>Discus</td>
<td>W. W. Blue</td>
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<td>1915</td>
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<tr>
<td>Pole vault</td>
<td>C. W. Loveland</td>
<td>1914</td>
<td></td>
<td>11 ft 6 in.</td>
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<td>C. J. Oviatt, '09</td>
<td></td>
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<tr>
<td></td>
<td>G. H. Allen, '09</td>
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<tr>
<td>One-mile relay</td>
<td>J. W. Knecht, '11</td>
<td>1908</td>
<td></td>
<td>3:31 3/5</td>
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<td></td>
<td>G. H. Bignell, '09</td>
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JACKSON M. A. C. ASSOCIATION.

The first annual banquet of the M. A. C. Association of Jackson was held Monday evening, March 22d, at the Jackson Y. M. C. A. Twenty-six were present at the meeting, 24 of whom were graduates or former students of M. A. C.

After a most enjoyable banquet, John I. Breck, '84, presented Prof. F. S. Kedzie, '77, who was present from the College, and a very instructive talk regarding the growth and present status of M. A. C. was given, well flavored by stories and reminiscences of college life and as only Prof. Kedzie can give. L. Whitney Watkins, '93, next responded to the demands of the president and he was followed by E. J. Frost, '00, W. K. Sagindorph, '92, R. V. Tanner, '08, L. H. Hall, '82, R. J. West, '05, and Mrs. R. V. Tanner (Triz Skeels, '07). The keynote of all speeches was loyalty to M. A. C. and it was very evident that the old college had a very warm place in the heart of each one present.

At the business meeting, following the social session, officers for the ensuing year were elected as follows: President, L. Whitney Watkins, '93; vice president, W. K. Sagindorph, '92; secretary-treasurer, W. B. Allen, '07; registrar, George A. White, '12.

The following resolutions were passed regarding President Snyder's work for the College:

Resolved, That we, as members of the Jackson M. A. C. Alumni Association, unite in commending the earnest efforts and untiring zeal of President J. L. Snyder in the service of our College during the many fruitful years of his administration. We are deeply appreciative of the great influence which he has exerted upon the steady advance of all the departments of M. A. C. to the present position of influence and greatness which has been attained. We feel that not only have the many students of the College been benefitted by the broad policy of which President Snyder was the exponent, but that the entire body politic of our great State, through the opportunity for industrial education which has been made possible, has been blessed in ways which, while not so evident, are none the less very real, and, therefore be it

Resolved, That we, not only as former students at M. A. C., but also as citizens of the commonwealth of Michigan, express our earnest hope that for many years to come his life may be as useful and as influential as it has been in the past.

Prof. Kedzie was allowed to depart for an early car after being given a rising vote of thanks and nine rahs. The retiring president, John I. Breck, was given a rising vote of thanks and nine rahs for his faithful labor for the success of the association. After some further business and a good old college yell, the meeting was adjourned, all resolved to make next year’s banquet still more of a success.


DETROIT M. A. C. ASSOCIATION.

The annual meeting of the Detroit M. A. C. Association, held March 26th, at the Hotel Tuller, set a high mark of success that other local reunions may well strive to attain. Gov. Woodbridge N. Ferris, President and Mrs. J. L. Snyder, Prof. F. S. Kedzie and Prof. W. H. French were the guests of the evening. The festivities began with the reception at 6:30, with Mr. and Mrs. William Lightbody, Gov. Ferris, President and Mrs. Snyder, Henry H. Haigh, Prof. French, Prof. Kedzie, and Fred A. Baker in the receiving line.

Following the very sumptuous banquet which was served at 7 o'clock, William Lightbody, '89, president of the Detroit Association, took charge of the program and called for the following responses: "The Old Alumni and the Reorganized Association," Henry A. Haigh, '73, president of the General M. A. C. Association; "M. A. C.—Her Mission," President J. L. Snyder; "Educational Values," Prof. W. H. French; "Friendships," Prof. F. S. Kedzie. Governor Ferris was introduced by Judge Wm. L. Carpenter, '75, and spoke on "Our State Agricultural College." Mrs. Clarence Clippert rendered two very pleasing vocal solos. The renowned Wm. Carl Chapman, ex (?), performed the duties of yellmaster in his usual efficient manner, and the singing of Alma Mater completed a very well arranged program.

Others present: Geo. G. Torrey, C. J. Monroe, '61, V. P. Bagley, '65; J. K. Gailey, '74; E. D. Emmons, Edward N. Pagelsen, '89; W. L. Snyder, '82; R. W. Hemphill, '85; Geo. E. Lawson, '82; C. H. Lawson, '86; J. J. Hayes, '89; Frank Johnson, Chas. R. Rob-

(Continued on page 10.)
ASSISTANCE ACKNOWLEDGED.

We are very glad to acknowledge through these columns the receipt of a check for $16.21 from H. L. Brunger, '02e. This sum represents the principal and interest on dues sent to Brunger some years ago following an organization among the engineering alumni which did not materialize. For reasons which must be apparent to RECORD readers, this assistance is very acceptable at this time. In addition to the above news Mr. Brunger gives us the following: "V. G. Anderson, '2e, and myself are the only representatives of M. A. C. in this city (Mansfield, Ohio), both being connected with the same company, (The Aultman & Taylor Machinery Co.)."

SOUTHERN CALIFORNIA ASSOCIATION BANQUET.

The first annual meeting of the Southern California M. A. C. Association was held in one of the banquet rooms of Hotel Clark, Los Angeles, Tuesday evening, March 16th. The meeting took the form of a banquet at which the ladies and friends joined in the celebration. The Association was one year old on that evening and its wonderful growth in members and fraternal spirit in the year was fittingly demonstrated in many ways. M. A. C. banners were displayed on all sides and the carnival and smilax decorations carried out the College color effect.

President A. H. Voigt acted as toastmaster and the following members responded to toasts: Don H. Kedzie, '76, Fred C. Miller, '76, Flora L. Campbell, '06, Ford Twaits, '08, O. J. Root, '89, Mrs. B. B. Pratt (Louise Kelley), '11, R. E. Caryl, '14, and G. C. Davis, '89. One of the happy surprises of the evening was an original song composed and sung by Mr. and Mrs. W. W. Smith, '89. The printed song was used as a place card and the entire company joined in the chorus as our thoughts went back that "long, long way to our dear campus." We are sending a copy of this song, which we trust may be found elsewhere in this issue.

A short business meeting followed the toasts and songs at which we adopted by-laws governing the Association and elected the following officers for the coming year: A. H. Voigt, '81, president; G. C. Davis, '89, secretary-treasurer; J. Rodney Abbot, '84, member executive board, and Robert Reynolds, '95, third member local executive committee.

Chorus:

It's a long way to our dear campus,
Where our thoughts this evening go.
It's a long way to our old college,
To dear old M. A. C.

Chorus:

IT'S A LONG WAY TO THE CAMPUS.

Tune: It's a Long Way to Tipperary.

Let us go back in our thoughts
To dear old M. A. C.,
Live again among her halls
With love and loyalty.

Singing happy songs in praise
Of her we've found so true,
And proving to our alma mater
That our heart's true blue.

Chorus:

It's a long way to our dear campus,
Where our thoughts this evening go.
It's a long way to our old college,
To the grandest one we know.

In sunny California
Our hearts are with thee.
It's a long way to our dear campus—
To old M. A. C.

Tell us how the ties still bind us
To old college days,
Tell of how her spirit guides us
Through life's stormy ways.

Where e'er life may seem to call us,
Sons we still will be,
And ever sing, in jovial song,
Our praise to M. A. C.

Chorus:

(Original song composed and sung by Mr. and Mrs. W. W. Smith at the Southern California Association anniversary banquet.)
SENIOR ENGINEERS' THÈSES.

Aultman, R. G. and O. H. Vergeson—"Feasibility of the Cut-Off on the North Swagart Drain."
Barbour, C. W. and L. E. Bellnap—"An Investigation of the Otsego Sewer System."
Barron, A. W., J. S. Hartt, and E. E. Hosler—"Commercial Tests on a Three-Unit Motor Generator Set."
Baldes, C. H.—"Water Supplies of Michigan Cities."
Brow, E. L. and H. E. Ziel—"A Study and Design of a Power Plant for a Modern Office Building."
Covey, R. W. and A. M. Engel—"An Investigation of the Stresses of the Lift Span of a Scherzer Rolling Lift Bridge."
Davies, H. I. and H. C. Zierleyn—"The Mortarmaking Qualities of Michigan Sands."
Dinm, R. E. and M. B. Parsons—"Eff. Tests on Various Types Automobile Radiators."
Dowd, E. and M. C. Hengst—"Tests on the Efficiency of Frost-Proofing Concrete."
Foster, C. E. and E. E. Peterson—"An Investigation of a Two-Span Reinforced Concrete Arch Highway Bridge."
Fox, W. S. and R. V. Lester—"Design and Construction of a Floating Coil Constant Current Transformer."
Foster, F. J. and F. C. Herbison—"Heating System for Y. M. C. A. Building, Lansing, Mich."
Gay, L. E. and F. J. Yuhse—"Comparison of Industrial Betterment of Lansing with Other Cities."
Giffels, B. and R. F. Giffels—"A Stress Analysis of Silo Construction."
Hall, A. N. and F. E. Smith—"Chemical and Physical Tests of Motor Fuels."
Hill, D. P. and J. V. Vincent—"An Investigation of Boulevards, and the Design of a Boulevard to be Constructed Between Saginaw and Bay City, Mich."
Havens, R. H.—"A History of the Federal Surveys in Michigan."
Hildorf, W. and A. C. Paulsen—"Endurance Testing of Steels."
Kinney, E. E.—"A Report on Induction Motors in Use in Factories of the City of Lansing—Number, Kind, Use and Load Carried."
Leggat, J. W. and P. J. O'Neill, Jr.—"Uses of Electricity in Gasoline Auto Cars."
Myers, C. L. and L. C. Shumaker—"Investigation of Sturgis Dam."
Rice, E. U.—"Design of Single Phase Motor."
Smith, T. J.—"Test of the Sebewaing Power Plant."
Stockman, L.—"The History of Road Construction in Michigan."

A. H. Voight, '91, of the California Furniture Co., of Los Angeles, very kindly sends the address of John R. Shelton, '82, 1275 Topeka Ave., Topeka, Kan.

Through some misunderstanding Mary Maiben Allen, '99, will not appear as soloist at the May Festival. Miss Allen was offered the engagement which was not refused, and the next word that she had was that another soloist had been engaged. The many friends of Miss Allen will regret exceedingly that they will not be able to hear her on May 28th. In the Missouri contest for the advancement of music in America, held in Kansas City, March 8th, Miss Allen, contralto, of St. Louis, contesting with 13 other singers, won first place.
ATTENDANCE AND GRADUATES.

(Extract of remarks made in explanation of "attendance" and "graduates" charts exhibited at some of the M. A. C. banquets during the past two months, by F. S. Kedzie.)

The attendance chart is a chronicle of the growth of the college for the past 25 years. As all chronicles begin at the top of the page and work gradually downward, we note that there has been a steady increase. This, however, is not what interests us most. It is the consideration of the causes for this increase. If we turn the chart upside down and look at it, it will appear a good deal like the trunk and branches of a tree, and it is for us to determine what are the roots which support this tree and whose activities have enabled such a development of the top and branches. Among the first and most important of these causes is the growth and the popularization of the idea of industrial education. This has lead to a steady realization from year to year of the necessity for a young man to be trained in the line of some special knowledge and whose activities have enabled such a development of the tree. Among the first and most important of these causes is the growth and the popularization of the idea of industrial education. This has lead to a steady realization from year to year of the necessity for a young man to be trained in the line of some special knowledge and whose activities have enabled such a development of the college during those years was largely inherited from the previous decade, which might be briefly summarized in the statement, "The college has a mission, but it is limited."

The years '90 to '97 show little increase in attendance because of the belief which prevailed at the college during those years was largely inherited from the previous decade, which might be briefly summarized in the statement, "The college has a mission, but it is limited."

The girls had to knock for a long time at the gates of M. A. C. before these gates were opened, and the word "welcome" uttered. At the time that this was done the special courses were established, inviting the men fresh from the work on the farm to join the ranks of students at M. A. C. and get the spirit of the institution. The chart shows plainly that the gain in attendance for the five years from '97 to '02 was due in a great measure to the joint effect of these two additional courses. About 1902 the engineering course began to show signs of vigorous growth, which it continued to enjoy for some years, and the cause for this I have always felt was likely due to the impetus given to engineering by the automobile and its allied industries.

From 1897 on there is evidence of a steady growth in the attendance in the agricultural courses. Someone would ascribe this to the speech made by President Roosevelt at our semi-centennial anniversary, but I am in favor of the belief that it is due to the interest which has been so strongly awakened in progressive agriculture by the combined influence of the Grange, Farmers' Clubs, the Farmers' Institutes, and the campaign of education which has been instituted by the United States Department of Agriculture.

The addition of our new courses in forestry and veterinary science has helped our attendance in recent years, but the most pronounced growth to be noted is in the four-year agricultural students, as well as special (winter course agricultural students).

This growth, as you might naturally expect, has brought a great burden upon the financial resources of the college, for you must realize that not only has this college grown in its attendance of students, as shown by the chart, but it also has widened to an equal extent in its influence throughout the State. This widening influence is taken no account of by this chart, but when you know what the college now sends out in the line of publications, serums, inoculations, and other forms of advice you will realize that the college is a mighty power in Michigan.

As you might easily expect the "graduate" diagram is practically a replica of that of the attendance and shows an equally astonishing growth.

In conclusion, like any other normally developed tree, when we study its root system, we pay attention mainly to the larger roots, the greater forces, first, but there are others of importance that it will not do for us to overlook. Certain men have devoted themselves, heart and soul, to the building up of this institution. They have labored incessantly to provide for its being better known by the people who have supported it. They have labored with legislatures for additional funds that its growth might not be hampered. They have watched over it to guard it against the encroachment of every form of evil that the student life at M. A. C. should be as it has always been, one free from temptation.

There is no reason for naming the names of all the men who have helped in this work, but I feel that you will all agree with me that on looking at the diagram and realizing that President Snyder, coming to M. A. C. in 1896, and adding to a clear head and sound judgment an immense amount of energy, has in the 20 years of his connection with the college made a record of which we might all be proud.

(The attendance chart should show attendance in forestry beginning with 1902.—Eb.)

From J. H. Prst, '94, come the following echoes of the Chicago reunion: "W. R. Shedd, '02, and wife came all the way from Rockford, Ill., so you can see we have a loyal bunch. Shedd was a former football captain, Jim Fisk, Shorty Small and Fred Stone were other football captains with us. Of course the large majority of our members are engineers. C. E. Smith (the man who can grow more vegetables and a greater variety on a plot 35 by 35 feet than any other banker, educator, politician and art connoisseur ever graduated at M. A. C.), Willard J. Bolte and I are about the only herbageists left, and even Bolte deserted the Ag. course during his last year and specialized in some sort of mechanics (he studied the mechanics of the machines that turn out eggs). P. B. Woodworth is the hold over officer as permanent secretary and treasurer. We have decided to retain Pete in office at least until the youngest son has graduated and if by that time he has not improved we will elect Pete, Jr. Pete isn't the one that does the work anyway—it's Mrs. Woodworth, and Pete gets all the credit."
M.A.C. ATTENDANCE
1890 — 1914
## M.A.C. Graduates 1890 - 1914

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Legend:
- AGRICULTURAL
- ENGINEERING
- WOMEN
- FORESTRY
- VETERINARY

Scale:
- 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90
ANNUAL MAY FESTIVAL.

The annual May Festival is scheduled this year for Friday, May 28, and for lack of a better place will be staged in the Agricultural Pavilion as usual. An excellent quartette of soloists has been secured this year in the persons of Theodore Harrison, baritone, head of the vocal department of the University School of Music; Enrico Aresoni, tenor, member of the Chicago and Boston Grand Opera Companies; Leonora Allen, soprano, of the University School of Music, and Ella May Minett, contralto, of Minneapolis.

The artists' program will be presented in the afternoon, as usual, and the College Chorus will sing a short selection. In the evening the chorus and soloists will present "Golden Legend," by Sullivan. Miss Allen has appeared in the past with the Mendelsohn and Apollo Clubs of Chicago, toured with the Minneapolis Symphony Orchestra, and has had vast experience in the concert field. Regarding her work the Minneapolis Journal has this to say: "Miss Allen is a genuine soprano with a sweet and flexible voice containing the inimitable qualities of freshness, spontaneity and warmth that youth, and nothing but youth, can impart. Her upper tones are ravishingly beautiful." The New York Musical Courier has this to say about Miss Minett: "She won immediate recognition and many friends by her lovely voice and artistic singing." The Italian tenor, Aresoni, has been called the foremost tenor in America today, and Daniel A. Hill, president of the St. Louis Arion Club, says: "I cannot resist telling you of the wonderful ovation tendered by our audience to Mr. Aresoni last night. He is without doubt the greatest tenor that has ever appeared before the Arion Club." The work of Mr. Harrison is too well known to require special comment. His engagement comes as a result of his intimate acquaintance with Mr. Killen who is directing the chorus.

Take special notice of the date and plan to spend that weekend at M. A. C. and enjoy to the full this musical feast.

"UNIVERSITY DAY" IN DETROIT.

Wednesday, April 14th, has been chosen as "University Day" in Detroit, the idea being to hold a noon luncheon at the Hotel Statler to which all alumni and former students of all colleges and universities are invited. The officers of the M. A. C. Association in Detroit are looking for a large delegation of M. A. C. people, and it is earnestly hoped that M. A. C. will be adequately represented.

Former Governor Chase S. Osborn has donated to the college a bronze figure entitled "Tolstoi at the Plow," which typifies farm life in Russia. Another gift that was secured in a recent tour of Russia is a very primitive wooden plow, with iron point, that Mr. Osborn found actually in use by the muzhiks.

Miss Mabel Long, former instructor in gymnasium at M. A. C., now at Davenport, Iowa, is visiting college friends this week.
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Same old Cut-ups—and then some (shoes shined)
Basement of College Drug & Grocery Co
LOOK FOR THE SIGN — H. A. SIAS
Close at 6:15.

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250 ROOMS
European Plan — $1.00 up.
Special rates to M. A. C. Students on Friday, Saturday and Sunday.

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We have both — In business since 1891
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Now offers REBUILT Remington, Smith-Premier and Monarch typewriters. Prices $25.00 to $50.00. These machines are guaranteed by the Company. Rentals $2.50 per month. $5.00 applies on purchase price.
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Everything clean and sanitary.
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BASEBALL SCHEDULE.

April 14—Albion at East Lansing.
  17—Olivet at East Lansing.
  25—Western Reserve at East Lansing.
  24—Bethany at East Lansing.
  29—Detroit University at East Lansing.
May 1—Notre Dame at South Bend.
  7—Syracuse at East Lansing.
  8—Ohio Northern at East Lansing.
  10—Alma at East Lansing.
  12—U. of M. at Ann Arbor.
  18—Ohio Wesleyan at Delaware, Ohio.
  19—Marshall College at Huntington, W. V.
  20—Marietta College at Marietta, Ohio.
  21—Bethany College at Bethany, W. Va.
  22—Bethany College at Bethany, W. Va.
  26—Ypsilanti Normal at East Lansing.
  28—Univ. of Michigan at East Lansing.
  29—Univ. of Michigan at East Lansing.
  June 3—Notre Dame at East Lansing.

DETROIT M. A. C. ASSOCIATION.

(Continued from page 1.)

Inson, ’95; C. R. Winegar, ’92; D. T. Randall, ’96; Floyd W. Robinson, C. B. Lundy, ’98; H. B. Gun­
nison, E. W. Banney, Geo. G. Fuller, ’00; W. C. Champion, L. B. Littell, ’01; T. G. Phillips, Bert
Wernuth, Stella W. Robinson, ’02; F. O. Foster, W. W. Brown, J. F. Loop, Alta Lawson Littell, T. P.
Chase, ’03; Robert D. Malty, Don B. Button, ’04; E. A. Wilcox, ’05; Silas E. Champe, H. S. Reed,
E. C. Krehl, A. W. Brewer, ’08; Bella Hubbard, N. B. Hubbard, Mr. and Mrs. Russell Murdock, A. P.
Chambe, Harry Dawson, Otto A. Pokorny, Gerald H. Allen, ’09; C. G. Clippert, Catherine F. Benham, E. A.
Chaney, Wm. J. Thome, ’10; T. H. Kay, Mrs. F. F. Hock, Mr. and Mrs. Mark B. Harris, Mr. and Mrs.
’13; Lewis A. Smith, Mrs. J. F. Jonas, J. B. Chaney, A. P. Edwards, J. H. Kenyon, Wm. J. Casey, L. C.
Milburn, Mr. and Mrs. W. W. Lankton, Lenore L. Nixon, Allen R. Nixon, ’14; E. F. Sherman, C. H.
Eddy, P. E. Kuenzel, ’15; H. F. Edgar, Elizabeth Brown Pagelson, ’16; C. L. Snyder, ’13; Julia Lank­
ton, Prof. Charles L. Weil, Mary Atkinson, L. R. Waterbury, Frank Hurst.

The officers elected for the coming year are: Dr.
C. B. Lundy, president; Floyd W. Robinson, vice pres­
ident; E. C. Krehl, secretary; C. H. Chilson, assistant
secretary; H. S. Reed, treasurer. Five new mem­
bers were elected to the executive committee, terms
to expire in 1917, as follows: W. C. Chapman, C.
H. Chilson, George Sheffield, W. L. Snyder, E. C.
Krehl.

L. A. Prescott, ’12e, is inspector engineer for the
Fargo Eng. Co. of Jackson, Mich. At present his
headquarters are 1225 S. California Ave, Chicago, Ill.
GRADUATE COMMITTEE APPROVES CANDIDATES.

The committee on advanced degrees have approved the enrollment of the following men for the so-called professional degrees. In order to qualify for enrollment these men must have spent five years since graduation at work along the line in which they wish the degree. All of these are graduates of M. A. C. and the year following the names gives the year in which the B. S. degree was received: William J. Thorne, '10, C. E.; Ralph Z. Hopkins, '10, C. E.; Glenn A. Barcroft, '10, C. E.; George C. Morbeck, '04, M. For.; W. J. Gelb, '02, M. Agr.; Russell A. Murdock, '09, C. E.; W. K. Brainard, '99, C. E.

The following have received the B. S. degree and are now working on their M. S.: Walter S. Beach, botany; Elmer W. Brandes, plant breeding; C. P. Doolittle, botany; G. R. Gage, botany; R. W. Goss, botany; Bessie B. Hoover, home economics; Ned W. Lacey, botany; Virginia Langworthy, bacteriology; C. S. Nottingham, botany; F. O. Ockerblad, bacteriology; Hisata Ogiwara, dairy husbandry; R. W. Streit, botany; A. A. Ahillander, horticulture; R. J. Trebilcock, bacteriology.

The following people will receive their B. S. degree in June, but are ahead of their class and so have been permitted to do graduate work: O. E. Harrington, soils; L. J. Krakover, botany; Kurt Peiser, bacteriology; M. I. Wolkoff, soils.

Of the above graduate students, a few are working on fellowships: Beach, Doolittle, Gage, Ockerblad, Trebilcock, and Virginia Langworthy.

ALUMNI NOTES.

Mrs. Fay Wheeler Eastman, '99b, is at 1512 E. Ash St., Portland, Ore.

W. W. Tracy, Jr., '93a, is making his present headquarters at Rocky Ford, Col.

A letter from Mary Baker Waite, '98, College Park, Md., informs us that neither she nor Mr. Waite, '07, will be able to attend the reunion in June, as they had planned. "The building of a new house will keep me at College Park, where Roy H. runs (he could run some back in '07) the college poultry plant.

J. H. Smith, '83, 253 Broadway, New York City, writes us as follows: "As a matter of news to my college associates and friends I might state that I have sold out my interest in the publishing business and will return to Chicago about May 1st. I expect to spend a year or more in recreation and travel before settling down or taking up further work. Of course, I will make it a point to attend the M. A. C. reunion again this summer, after which I will probably go to California. I shall be glad to hear from my old classmates and friends and if they will give me their addresses I will try to call on them when in their vicinity."

NORTHWESTERN TEACHERS' AGENCY

We are greatly in need of teachers of all kinds, especially teachers of Agriculture, Manual Training and other special lines. Write immediately for free circular.

BOISE, IDAHO.
ALUMNI NOTES.

Josephine Douglas, ex-'06, is teaching in the Evanston schools and lives at 809 Foster St., Evanston, Ill.


J. Wade Weston, '14a, has been detailed on extension work in the U. P., the one-week schools having closed. He is making his headquarters at Escanaba, with office in Postoffice Bldg., Room 201.

Guy H. Smith, '11e, of Smith-Lahue Co., commission merchants, Detroit, sends in the following interesting notes: "Dick Taylor, ex-'11, is still with the Northway Motor Co. Frank Lossing, '11e, has been presented with a lovely baby girl. Fred Tillotson, '11e, lives across the street from me and has a very nice little kid nearly nine months old. He is still with the Edison Co. 'Bumpus' Jones, '11e, and his wife and child have moved out to Royal Oak on a chicken farm (that is a chicken farm for the wife, while Jones sticks to the Edison Co.) Met 'Fat' Burns, '12e, last week, who informed me that he had taken a wife unto himself and was trying to support her by working for the truant end of the education of the ruffians in this town."

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The Jerseys
In 1913 eighteen Jersey cows were officially tested which averaged 12 years and 7 months of age. Their average milk production was 2,877 pounds. Average butter fat, 387 pounds. One of these cows was over 14 years old.

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is weatherproof, termiteproof, vandalismproof and fireproof. The vitrified brick walls are impervious to either air or moisture and are self-cleaning and self-stripping. No painting or repair bills. The Natco Imperishable Silo is weatherproof, termiteproof, vandalismproof and fireproof. Write for booklet No. 136—"California and the Expositions," which contains information helpful in planning this trip. Gerrit Fort, Passenger Traffic Manager, Union Pacific Railroad, Omaha, Neb.