THE MAC RECORD

MAC CANNOT LIVE ON HER PAST - WHAT WILL YOU DO FOR HER FUTURE?



Commencement Reunions, June 13-16.

Three Classes Are 100 Per Cent Subscribers to the Union Memorial Building Fund.

THE MICHIGAN AGRICULTURAL COLLEGE ASSOCIATION EAST LANSING, MICH.

VOL. XXV. No. 25.

Par My

APRIL 2, 1920.

THE M.A.C.RECORD

second-class matter October 30. Entered as 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 Year by the Michigan Ab. College Association.

W. K. Prudden, '78, Lansing - President E. W. Ranney, '00, Greenville, Vice President H. H. Musselman, '08, East Lansing, Treas. C. W. McKibbin, '11, East Lansing, Secretary and Editor May E. Foley, '18 - Assistant Secretary Members of Executive Committee, Elected at Large, A. C. McKinnon, '95, Bay City, Anna Cowles, '15, East Lansing, E. N. Pagelson, '89, Detroit.

MEMBERSHIP IN THE M. A. C. ASSOCIA-Tion which includes subscription to the Record, \$2.00 PER YEAR. Make Remittances payable to the M. A. Association.

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

M. A. C. ASSOCIATIONS.

Central Michigan.
President—S. F. Edwards, '99, La
Vice President—Elizabeth Palm, Lansing Vice President—Engagement brary, East Lansing.
Secretary-Treasurer—E. E. Hotchin, '11,

President—H. B. Gunnison, '00, Detroit Edison Co. Vice-President—Edward C. Krehl, '08, 198 Seebault Ave.

Section Ave.
Secretary and Treasurer—John H. Kenyon, w'14, Mutual Benefit Ins. Co., 80 Griswold.
Grand Rapids.
President—Mrs. L. B. Littell, '03, 554 Gid-

dings Ave. Vice-President-Mrs. Caspar Baarman, 636 Parkwood St.

Parkwood St.
Secretary-Treasurer—Miss Luie H. Ball, '13.
Flint Club.
President—I. E. Parsons, '07, Grand Blanc.
Vice-President—Mrs. O. G. Anderson, '13,
Grand Blanc.
Secretary—Howard R. Estes, '17, Y. M. C.

Flint.

Owosso. President—R. S. Linton, '16, 329 W. Oliver St Secretary-H. E. Dennison, '11, 305 Miner Bldg.

Jackson County.
President—L. Whitney Watkins, '03, Manchester.
Vice-President—W. K. Sagindorph, '04, 415
W. Franklin St., Jackson.
Secretary—W. B. Allen, '07, 129 S. Hill St.,

Kalamazoo Club. President—Jason Woodman, '81, Federal Vice President Chase Block. President-Fred L. Chappell, Secretary-Fred W. Temple, '14, 209 W. Frank St.

Upper Peninsula Association.
President—L. R. Walker, '15, Court House,
Marquette, Mich.
Secretary—Aurelia B. Potts, '12, Court

House, Marquette, Mich.

Seattle.

President—Josephine Hart, '12, 4001 Whitman Ave. Secretary-Treasurer—Emma B. Barrett, '03,

4001 Whitman Ave.

Lenawee County.

President—C. L. Coffeen, '12, Adrian.
Secretary—Jessie Illenden, '19, Adrian.

St. Joseph County.
-W. T. Langley, '82, Constan-Presidenttine, R. F. D. Secy.—Sam Hagenbuck, '10, Three Rivers.

Northeastern Michigan.
President—A. MacVittie, '11, Caro.
Vice-President—Morrice Courtright, w'13,
1820 Centre Ave., Bay City.

Berrien County.
President—Charles Richards, Benton Harbor, R. R. Fair Plains.
Vice-President—Beatrice Jakway, '17,
Secretary—Kittie Handy, '16, Court House,
St. Joseph.

St. Joseph.
Treasurer-Willard Sanborn, '13.

Northwest Michigan. President—H. A. Danville, '83, Manistee, Vice-President—L. W. Reed, '14, Copemis Secretary—Alice Kuenzli, '16, Manistee.

Chicago, Ill. -Wm. D. Hurd, '99, 820 Lumber President-

President—Wm. D. Hurd, '99, 820 Lumber Exchange Bldg. Secretary—H. P. Henry, '15, 192 N. Clark. New York City. President—John J. Bush, '84, 616 W. 137th St., New York City, N. Y. Secretary—O. S. Shields, '16, 719 Hancock St., Brooklyn, N. Y.

Cleveland, Ohio. -L. C. Milburn, '14, 1451 E. 134th St., Cleveland.

Milwaukee, Wis. Wm. L. Davidson, President—Wm. L. David Executive, 84 Mason St. Secretary—Geo. B. Wells, '13, Scout '00, Schrader Lumber Co.

Portland, Oregon. President—C. W. Bale, '00, 718 E. Ash St., Portland, Ore. Secretary-Treasurer—R. G. Scofield 1061½ East Sixth St., Portland, Ore. Scofield,

Minneapolis Club. President—J. Allen Miller, '1 '12, 2938 Taylor St., N. E. Vice-President-Vice-President—I. J. Westerveld, '12, care Universal Portland Cement Co. Secretary—C. C. Cavanagh, '09, 836 Secur-Westerveld, '12, care ity Bldg.

Washington, D. C. -John W. Rittinger, '94, Room President-364 House Office. Secretary—Mrs. D. A. Gurney, '04, 1217 Gallatin St., N. W.

Western New York.
President—Prof. G. H. Collingwood, '11,
408 Dryden Rd., Ithaca.
Secretary—Prof. W. J. Wright, '04, Cornell Univ., Ithaca.

Southern California. President—Harry A. Schuyler, '13, Whittier. Secretary-Treasurer-Ralph E. Caryl, '14, Riverside.

Vice-President—E. C. Bank, '84, Jeffery Hotel, Salinas, Calif. Secretary—G. H. Freear, 120 Jessie St., San Francisco.

New England.

Secretary—Glenn C. Sevey, '03, Russell,

Mass.

THE CAMPUS PRESS

EAST LANSING'S MODERN PRINTING PRESS Now located in the New Bank Building

PRINTING, EMBOSSING. ENGRAVING.

IF YOU WOULD HAVE REAL SERVIGE—LET M. A. G. MEN SERVE YOU

EDWARD N. PAGELSON, '89 Patents, Patent Law, Trademarks 1107-10 Chamber of Commerce Bldg., Detroit, Michigan. Formerly Examiner U. S. Patent Office.

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
Guy H. Smith, '11
Western Market, Detroit. Eggs

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

THORN SMITH, "1895"
In complete charge of the laboratory of
DIACK AND SMITH,
49 West Larned St., Detroit, Mich,
Chemical Analyses and Research Work.

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

JOHN F. NELLIST, '96 Publisher of Michigan Touring I 1955 Jefferson Avenue, S. E.,

Grand Rapids, Mich. THE EDWARDS LABORATORIES

Lansing, Michigan
S. F. Edwards, '99
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
Mathews Bldg., Milwaukee, Wisconsin Milwaukee, Wisconsin.

GOODELL, ZELIN C.
(Forestry, M. A. C., '11)
Insurance and Bonds of Every Kind.
If you haven't insured your salary, bet
see or write Goodell about a good
proposition better

proposition.

Lansing Insurance Agency, Inc.
208-212 Capital National Bank Bldg.

THE ABBOTT LABORATORIES
Chicago
Manufacturing Chemists
We make a complete line of human and veterinary medicines and vaccines. Quality and accuracy guaranteed.
N. S. Mayo, '88, Manager, Veterinary Department.

AMERICAN EXTENSION UNIVERSITY
Correspondent Courses—20,000 Students
A. C. Burnham, B. S., LL. B. (M. A. C., '93),
Pres., 433 Stimson Bidg., Los Angeles;
Suite 507, 30 N. Michigan
Ave., Chicago.
Unusual opportunities for M. A. C. Men as
Specialty Salesmen.

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

NORTHVILLE MILLING COMPANY
Northville, Michigan
D. P. YERKES, '89, Proprietor
"Gold Lace," "Crystal Patent," Fancy
Pastry," Wholesale and Retail, Flour, Feed and Grain.

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.

CHARLES E. SUMNER, '79 Attorney at Law Southern Title Bldg., San Diego, Cal.

"MAPLEHOME SHORTHORNS"

Herd Sire, Wedding Goods 742959, A Scotchtopped Whitehall descendant; herd of 20 females, established 1899; young sires for sale, terms reasonable; one white, one red, and one roan on hand now.

J. H. READ & SON, L. W. READ, '14.

Proprietors, Copemish, Mich.

VALENTINE, MAYER & HOUSMAN
Consulting, Heating, Ventilating, Electrical
and Power Plant Engineers. Designs,
Specifications and Supervision.
F. H. VALENTINE, '09
622 Bangor Bldg. Cleveland, Ohio.

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

FRY BROKERAGE CO., INC. 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."

O. C. Howe, '83, Manager LANSING INVESTMENT CO, Stocks—Bonds Capital National Bank Bldg., Lansing, Mich.

> WM. J. ATCHISON, '16 Landscape Gardener of FRISSEL & ATCHISON t Lansing Musk Muskegon

H. KOSITCHEK & BROS.

113 N. Wash. Ave.

The Home of Those Celebrated Ed. V. Price
Tailor-Made Suits and Overcoats (Fashion Park Clothes) (Style Plus Suits
and Overcoats).

BLUDEAU, SIEBERT & GATES

Bookbinders

File Boxes, Map Mountings, Etc.
Citizens Phone No. 3019.
Cor. Washington Ave. and Allegan St.

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

ALLEN & DE KLEINE CO. Printers—Office Outfitters
124-130 West Ionia.
Finest equipped plant in Central Michigan.
Bell 1094. Citz. 3436.

DR. C. A. GRIFFIN, '10

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

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.

KEITH BROS. NURSERY,

B. W. Keith, '11
Strawberries, Raspberries, Blackberries, Ornamentals, Shrubs, etc. Everyone should have a fruit garden and attractive home grounds.

Special Offers to M. A. C. People.
'Address Box 511, Sawyer, Mich.

BREEDER OF HOLSTEIN CATTLE AND HAMPSHIRE SHEEP

C. I. Brunger, '02 Grand Ledge, Michigan.

CLUNY STOCK FARM

100—Registered Holsteins—100
Exceptional herd representing the best producing families of the breed, where health, quality and production are the standards set. The place to buy your next herd sire.
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.

FARGO ENGINEERING CO.

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

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 2646.

EDMUND H. GIBSON, '12

Consulting Entomologist and Agricultural Engineer and Staff of Sanitary and Civil Engineers 508 Munsey Bldg., Washington, D. C.

ASK FOR

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

CLASS SECRETARIES.

'70.

Chas. W. Garfield, Grand Rapids Savings Bank, Grand Rapids, Mich.

A. E. Smith, 105 S. Barry St., Olean, Dr. A. E. New York.

'14.

Ove Jensen, 820 Lumber Exch. Bldg., Chi-

15.

R. W. Sleight, A., R. F. D. No. 1, Laingsburg, Mich.
Grace Hitchcock, '15 H. E., Grand Haven, Hitchcock, '15 H. E., Grand Haven, Michigan.
E. F. Holser, '15 Eng., 184 Begole Ave.,
Detroit, Michigan.

'16.

M. E. Bottomley, A., 8004 Conn. Ave., S. E., Cleveland, Ohio.

Ethel Taft, H. E., East Lansing.
W. G. Knickerbocker, E., 191 Twelfth St.,
Detroit, Mich.

Otto Pino, A., Manchester, Mich. H. L. Waterbury, E., 305 Ann St., Flint, Mich. Lou Butler, H. E., 424 Grand River Ave., East Lansing.
E. B. Benson, H., 22 Jackson Place, Indianapolis, Ind.
J. E. J. Foess, 90 Humboldt Ave., Detroit, Michigan. E. F. Kunze, V., East Tawas, Mich.

718.

W. M. Coulter, A. & H., 55 Buhl Block, Detroit, Mich. H. L. Froelich, E. V. and F., 757 Mary St., Flint, Mich. Marion Pratt, H. E., Box 15, Royal Oak, Wichigan Michigan.

'19.

Aletha Keiser, H. E., Protestant Deaconess Hospital, Indianapolis, Ind.
Paul A. Howell, E., 703 W. Hillsdale St., Lansing. L. W. Miller, A., 1108 N. Front St., Niles,

The Mills Dry Goods Co.

LANSING'S REPRESENTATIVE STORE.

Highest Quality of-

Women's and Children's Apparel, Millinery, Underclothing, Accessories of Dress,

Toilet Requisites.

"In the Heart of Lansing," 108-110 South WASHINGTON AVENUE

THE M. A. C. RECORD.

PRESIDENT KEDZIE, on behalf of the college and the people of East Lansing, has petitioned the Lansing city council to repair or repave East Michigan avenue from Washing avenue to the city limits. President Kedzie points out that a much larger student enrollment is expected at the college next fall, and the traffic will be even greater than now. It does not take much imagination to recall the rocky rides over this line, and the need for a new pavement is self-evident.

REGISTRATION for spring term at 3 o'clock Wednesday totaled 1138, with the prospect of quite a number still to come in.

DIRECTOR C. L. BREWER'S athletic circus entertained the members of the Chicken Lifters Club of Lansing, a Masonic organization, on Monday evening. The program consisted of fencing, boxing, wrestling and a gymnasic drill by college teams.

The Campaign for the Union Memorial Bulding is to be put over on the campus the coming week. The Union Board is organizing the drive through class soliciting teams among students and through a faculty committee composed of Professors Huston, Steward and Cox. Next week the campus greeting will be "Have you bought your brick?"

M. A. C. MEN are taking a prominent part in the discussion of the problem of the utilization of Michigan's waste lands at the twenty-fifth annual meeting of the Michigan Academy of Science, at Ann Arbor, March 31 to April 2. Speeches by leading agricultural authorities and a report from a committee appointed last year by the academy to investigate the general land problems of the state are features of the meeting. Unusual emphasis is being placed upon agricultural questions this year by the Academy of Science, and far-reaching effects upon the farming interests of the state are expected to follow. Members of the college faculty who appear on the program are Dean R. S. Shaw, Dr. M. M. Mc-Cool of the Soils Department; Prof. J. F. Cox and Prof. F. A. Spragg, of the Farm Crops department; Dr. E. A. Bessey, Dr. R. deZeeuw, Dr. R. P. Hibbard, Dr. G. H. Coons, Prof. H. T. Darlington, E. F. Woodcock, Miss Bertha E. Thompson, and Miss Bertha Hollister of the botany department; and Prof. L. H. Cooledge of the department of bacteriology. Dean Eugene Davenport, '78, of the University of Illinois, talks on "The New Day in American Agriculture; Dr. Wilbur O. Hedrick, '91, addresses the economics section; R. W. Wyant, '16, and Mrs. R. W. Wyant (Zae Northrup, '06) and Robert M. Snyder, '14, give papers on bacteriological subjects. Prof. A. L. Bibbins, '15, L. Whitney Watkins, '93, and Ray Nelson, '16, also appear on the program.

APRIL FIRST the college and Lansing adopted the daylight saving plan practiced last year and set the clocks ahead one hour. Governor Sleeper has urged this time change throughout Michigan.

New uniforms for the band are assured. At the meeting of the State Board of Agriculture last week, \$3,000 was voted for this purpose. These uniforms will be ordered at once and will be ready for use as soon as the manufacturers can get them completed. They will be army regulation of olive drab serge with dress caps and leather puttees. General student sentiment was in favor of uniforms of material other than army drab, but in order to maintain the band as a part of the college military unit it is necessary to keep the regulation uniform.

A UNION BUILDING PEP meeting will be held at the gymnasium tonight, to stir up enthusiasm among the students for the Union Memorial Building and acquaint them with the project. Pres. F. S. Kedzie, '77, Rev. N. A. McCune, '01, and Harold Furlong, '18, will speak. Pep, stunts, the band and the girls will be very much in evidence and refreshments of coffee, cake and ice cream will be served. This meeting is arranged at the time of the Interscholastic Basketball Tournament to give the visiting high school teams an idea of what a real M. A. C. mass meeting is like. No subscriptions for the Memorial Building will be taken tonight, but later in the term every student in the college will be given an opportunity to subscribe to the fund.

The dairy department has recently installed in its research laboratory a Mojonnier Tester, in which all kinds of dairy products—cheese, milk, cream, ice cream, and all other dairy products—may be quickly and accurately tested for total solids and fat. A butter fat test may be made in thirty minutes, and the total solids test in 25 minutes. All large creameries and condenseries now have these machines. It does away entirely with the Babcock test, and is much more accurate and more practical for large numbers of samples.

Prof. E. H. Ryder of the History department was renominated for mayor of East Lansing, at the citizens' caucus last week, without opposition. D. A. Seeley, '98, was elected chairman of the evening and about all he had to do was to instruct the clerk to cast a unanimous ballot for the man nominated. B. A. Faunce was renominated as clerk and Jacob Schepers as supervisor.

EDITORIAL COMMENT.

KEEPING IN TOUCH.

Educational institutions are realizing more and more the importance of keeping in touch with graduates and former students. They are backbone of the institution, the finished product, the best advertisement the college has, and are to be looked to for future support and development. Many of the larger schools maintain a department with a large staff, which does nothing but keep the records of students formerly in the institution, and ferret out the lost ones. A college with an active alumni body in close touch with the work of the school can do unlimited good for its Alma Mater. It can encourage and back legislative measures for the advancement of the college, it can send new material, and keep the people of the state in touch with the work of the institution which it represents. More and more American colleges and universities are coming to realize this.

Since the war unusual efforts are being made to get in touch with their graduates and former students. It is surprising how many of these former students are lost to their Alma Maters, and also how they come to light again after many years. Sometimes immediately upon graduation a student is lost as far as college records are concerned, and turns up again after a long

lapse of time.

It is only recently that the majority of colleges have made any systematic efforts to keep records of former students who have not graduated. But campaigns of this kind have met with unexpected success. At Smith college recently the addresses nearly 4,000 women, who did not receive degrees, were sought by the alumnae office, and all but 300 of these are recovered. As a rule girls are more faithful about re-porting their whereabouts than men, but on the other hand, when lost are more difficult to find because so many marry and of course the names are changed. Also, the work of compiling a directory of women is almost twice as difficult as that of com-piling a directory for men because two entries have to be made for every woman who marries.

CLASS SECRETARIES.

The class secretaries are the individuals around whom this work of keeping in close touch with the members of the classes centers. They are the field organizers. They are the people who make arrangements for the class reunions and other class activities. This year, where a class has no officially appointed secretary, we are appointing one temporarily, to look after the Commencement reunions. And we are urging all

classes to appoint secretaries. Some classes have permanent funds to carry on work of this kind and others provide special funds. Undoubtedly many class secretaries that we do not know of exist among the older classes and it will be greatly appreciated if the alumni office may be informed of such class officers.

THE FUND BY CLASSES.

The Union Memorial Building Fund, as it stood by classes March 28 is given below, with columns of the number of living graduates, the number of subscribers, and the percentage of subscribers of each class. Thus far the classes of '61, '69 and '70 are 100% loyal Michigan Aggies.

100% loyal Michigan Aggies.

ARE YOU DOING YOUR SHARE TO BRING YOUR CLASS SUBSCRIPTION UP

TO 100 PER CENT?

| TO 100 P | EK CL | NIT | | |
|----------|--------|----------|----------|----------|
| | Grad- | Sub- | % | |
| | uates. | scribers | s. Loyal | Amount |
| 61 | . 0 | 2 | 100 | \$65.00 |
| 64 | . 5 | | | |
| 66 | . 2 | 1 | 50 | 50.00 |
| 67 | . 5 | | | ***** |
| 68 | . 2 | | | |
| 69 | . 4 | 4 | 100 | 205.00 |
| '70 | . 5 | 5 | 100 | 1,925.00 |
| 71 | . 4 | 1 | 25 | 5.00 |
| 72 | . 3 | | | |
| '73 | . 8 | | | |
| '74 | . 13 | 3 | 23 | 1,035.00 |
| 75 | . 11 | | | |
| '76 | . 13 | 1 | 7.8 | 5.00 |
| '77 | . 13 | 3 | 23 | 1,040.00 |
| '78 | . 18 | 4 | 22 | 5,410.00 |
| '79 | . 13 | 3 | 23 | 250.00 |
| '80 | . 6 | 1 | 16.6 | 50.00 |
| '81 | . 25 | .5 | 20 | 410.00 |
| '82 | . 22 | 7 | 31.8 | 1,465.00 |
| '83 | . 21 | 7 | 31.9 | 380.00 |
| '84 | | 8 | 32 | 2,462.50 |
| '85 | . 23 | 4 | 17 | 525.00 |
| '86 | . 23 | 7 | 30 | 1,880.00 |
| '87 | . 16 | 3 | 18 | 120.00 |
| '88 | . 25 | 9 | 36 | 1,215.00 |
| '89 | . 36 | 13 | 36 | 3,975.00 |
| '90 | . 23 | 8 | 35 | 780.00 |
| '91 | . 31 | 7 | 22.5 | 550.00 |
| '92 | | 6 | 26 | 355.00 |
| '93 | . 38 | 12 | 30.5 | 3,130.00 |
| '94 | . 20 | 3 | 15 | 155.00 |
| '95 | . 30 | 14 | 46 | 2,070.00 |
| '96 | . 27 | 8 | 29.9 | 395.00 |
| '97 | | 9 | 31 | 490.00 |
| '98 | . 27 | 9 | 33 | 520.00 |
| '99 | | 6 | 22 | 380.00 |
| '00 | | 8 | 40 | 1,115.00 |
| '01 | . 39 | 17 | 41 | 2,990.00 |
| '02 | | 21 | 38.9 | 1,140.00 |
| '03 | . 57 | 21 | 36.9 | 1,362.00 |
| '04 | | 29 | 57.5 | 2,309.00 |
| '05 | | 24 | 32 | 1,281.00 |
| '06 | . 72 | 16 | 22 | 1,035.00 |
| '07 | . 93 | 27 | 29 | 2,043.00 |

| '08 81 | 23 | 28 | 1,053.00 |
|---------|-----|------|----------|
| '09 96 | 49 | 51 | 2,733.00 |
| *10 93 | 25 | 26.8 | 1,229.00 |
| '11126 | 60 | 47.6 | 2,933.50 |
| '12161 | 55 | 34 | 2,893.00 |
| 13165 | 68 | 41 | 2,731.00 |
| '14200 | 79 | 39.5 | 3,936.50 |
| '15222 | 67 | 30 | 3,160.50 |
| 16263 | 85 | 32 | 3,075.50 |
| 17 297 | 96 | 32 | 3,539.00 |
| '18171 | 72 | 43 | 2,552.00 |
| 19,160 | 39 | 24 | 1,197.00 |
| '20 | - | | 270.00 |
| 23 | 1 | | 100.00 |
| Friends | 14 | | 2,115.00 |
| | (m) | 3 | |

WITH THE ALUMNI CLUBS.

Total \$78,090,50

M. A. C. CLUB LUNCHEONS.

Detroit—Every Wednesday noon at 12:15, Fellowcraft Club, 70 Washington Blvd. Chicago—First and third Fridays of every month at 12:15, Inter-collegiate Club, 16 W. Jackson Blvd.

Lansing-Second and fourth Mondays of every month, 12:15, Hotel Kerns.

FLINT AGGIES TO ENTERTAIN GLEE CLUB. 804 Ann Arbor St.

Flint Aggies will combine a reception for the visiting Glee Club with a dinner and business meeting on the night of April 9. The dinner will start promptly at 6:15 in order to get through in time for the performance by the club at 8 bells.

The concert will be given in the Auditorium of Court street church, largest in the city, and the dinner will occur in dining room of the same institution. The price of dinner to be \$1.00 approximate and 50c has been asked for the concert. Dancing will follow the show if a suitable hall can be secured before that time.

Please cast this rambling data into one of your customary concise notes and spread before readers of the Record in next issue—



the combination of a splitting headache and racket made by our first thunderstorm is too much for my meagre literary ability to contend with.

-Edgar Osborne, '19e.

BERRIEN AGGIES CELEBRATE WITH GLEE CLUB.

Devotion to and praise for the traditions of M. A. C. were the prevailing sentiments in the toasts which were given at the Berrien County M. A. C. Association banquet Friday evening, March 26, at Benton Harbor. Some thirty or forty sons and daughters of the Alma Mater gathered in the Congregational Church for the banquet and an evening of good cheer and thorough cordiality was the result. Equally fortunate for both the local M. A. C. Association and the College Glee Club was the circumstance that these able representatives of our music department gave an entertainment in Benton Harbor on this date. They were the guests of the evening at the banquet, and entertained the old grads with many songs and humorous selections. The members of the Association were later guests at the entertainment, which in attendance and merit was all that could be desired.

C. H. Hilton, '00, presided as toastmaster, and responses were made by Louis Bregger, '88, Mrs. Fred Carter (Peggy Bell, '14), W. O. Hedrick, '91, E. W. Ranney, '00, Prof. J. S. Taylor of the music department of the college, and E. L. Overholt, '20. In the election of officers which followed, C. N. Richards, '16, was chosen president, Beatrice Jakeway, '17, vice president, Kittie Handy, '16, secretary, and Willard Sanborn, '13, treasurer.

SOUTHERN CALIFORNIANS IN SIXTH ANNUAL.

The sixth annual meeting and banquet of the Southern California Michigan Agricultural College Association was held on the night of February 13, 1920, in the banquet room of Christophers, Los Angeles, California. After a most delicious feed the following officers were elected for the ensuing year: Harry A. Schuyler, '13, of Whittier, president, and Ralph E. Caryl, '14, of Riverside, secretary-treasurer.

President Schuyler took the chair and called for informal talks from each of the members present. As the meeting was held during M. A. C. week a good deal of enthusiasm was aroused over the Union Memorial Building Campaign and all of the talks had this as their main idea together with suggestions for the success of the campaign.

The following members were present: Dr. and Mrs. W. C. Stryker, '84; Mr. and Mrs. Mark Thompson, ex.'94; Flora L. Campbell, '06; Mr. and Mrs. George W. White, '04, who drove over 200 miles from Atascadero; Mr. and Mrs. J. G. France, '11; L. B. Scott, '11, of Washington, D. C. who was out on

the coast on a business trip; O. W. Schleussner, '12; Irving J. Woodin, '13; Henry A. Schuyler, '13; Don Francisco, '14; John R. Hunt, '14; Ralph E. Caryl, '14; and Paul S.

Armstrong, '15.
Although the meeting was not as largely attended as has been the case with former annual meetings we made up in pep for what we lacked in size. Other meetings are being planned which will be held during the summer and it is to be hoped that they will be attended by all of the members and some of the old time pep aroused which seems to have died out during and since the war.

Hoping to keep you better informed as to the many activities of the boys of the "Golden West."

-Ralph E. Caryl, '14, Secy.

LANSING CLUB LUNCHEON.

Central Michigan alumni are planning a twice-a-month luncheon to be held the second and fourth Mondays each month at 12:15 in the Hotel Kerns, Lansing. Zelin Goodell, '11, is in charge of the first one to be held April 12.

ATHLETICS.

Universal Athletic Training; Tennis to FEATURE.

Athletics for every individual enrolled at the college the spring term, which opened Tuesday of this week, is the plan of the

Aggie athletic department.
"We are not only planning on turning out crack baseball and track teams, but we plan to get every man and woman in the institution into some form of physical training work," said Director C. L. Brewer, in an interview this week. "Just as we have had every student enrolled taking some form of athletic exercise in the big gymnasium the past winter term, so we expect to get 'whole school' athletics under way this spring."

According to the program which is now arranged there is to be inter-class tennis, outdoor baseball, and track. In addition inter-society tennis, baseball, track and the annual outdoor relay race are scheduled. For the girls enrolled there will be swimming, tennis and hockey under the direc-

tion of a capable directress.

The inter-society and inter-class baseball games have been annual events for several years, but last season was the first to see intra-mural tennis instigated as a sport. popularity a year ago makes it a branch of the Aggie athletics which is looked upon with much favor by both the students and the physical training department. This season five new courts are to be opened ready for the use of students and faculty, thus making a total of 16. Work is now in progress in smoothing them over and in cutting away grass which found a footing last

Both a men's and girls' varsity tennis team is to be chosen this year and meets are to be scheduled. The plan is to arrange for 4 or 5 dual events for the girls and about 6 for the men's team.



G. E. GAUTHIER, '14.

Assistant Director of Athletics who leaves M. A. C. this month to direct municipal athletics in Bay City.

HIGH SCHOOL FIVES ENTERTAINED.

Sixteen basketball teams from Class B high schools throughout the state are being entertained at the college this week end while they play off the annual interscho-lastic basketball tournament, Friday and

Two silver cups are held by the Michigan Agricultural college, one for the winner and one for the runner-up. In addition eight gold medals will be presented the members of the winning team and eight silver medals to the individuals making up the team which finishes runner-up. During the time while the high school athletes are at East Lansing, the M. A. C. association will take care of all local expenses. Teams will be housed in the society lodges and in homes of the college faculty and meals are to be provided in one of the big boarding clubs.

A committee has been appointed from the M. A. C. student body who will meet all the teams at the train and who will assist in their reception and entertainment.

The high schools which have been invited to come are St. Joseph, Vicksburg, Zeeland. Monroe, Mt. Clemens, Birmingham, Cheboygan, Mancelona, Harbor Springs. Clarksville, Greenville, Chesaning, Lake Odessa, Newaygo, Hillsdale, and Reed City. The high schools invited were the ones whose teams stood first and second in their respective districts and several who were best in the finals in several districts. The teams began to play at 9 o'clock this morning, and will finish at 3 o'clock Saturday afternoon. Tonight, just before the mass meeting, the East Lansing Girls' basketball team will play the Reed City team for the state championship.

ADVANCED DEGREES EARNED IN NON-RESIDENCE.

The committee on advanced degrees is very anxious that every M. A. C. graduate should be acquainted with the regulations under which advanced degrees may be earned in nonresidence by graduates, and have furnished the following concerning it:

A graduate with the first degree from any of the regular four-year courses of this college becomes eligible to enrollment for the appropriate professional degree, five (or more) years after the conferring of the first degree, subject to the following regulations:

(a) No graduate is eligible who shall not have spent five years in pursuit of the oc-cupation or profession in which the degree is desired.

(b) He must have been in responsible charge of some work of his profession for at least one year, or he must have attained recognition, through investigation or prac-tice, in the advancement of his profession.

(c) His application for enrollment for the degree must be received by the secretary of the Committee on Graduate Study on or before Oct. 1 and thesis title and outline must be in the hands of the secretary of the committee by January 1. The complete thesis must be in the hands of the committee not later than May 15 and if approved it must be presented in the required bound form not later than the Thursday preceding commencement.

(e) A candidate for enrollment is required to fill out and return to the secretary of the Committee on Graduate Study, the blank which will be supplied on appli-

cation.

No thesis will be approved for any degree No thesis will be approved for any degree if it consists of matter which the candidate has used elsewhere in the same form. Any thesis may be published with the approval of the department concerned, after the degree has been granted, provided notice is appended in such publication to indicate its origin as a thesis for a certain degree in a department of this college.

If no progress is made by a candidate an advanced degree within two years after application for enrollment, his name shall be dropped and re-enrollment shall be necessary before he may again take up work for the degree.

The professional degrees which are granted under this arrangement are:
C. E., Civil Engineer; M. E., Mechanical Engineer; E. E., Electrical Engineer; Chem. E., Chemical Engineer; M. Agr., Master of Agriculture; M. Hort., Master of Horticulture; M. For., Master of Forestry; M. H. E., Master of Home Economics; M. V. Sc., Master of Veterinary Science.
Please address all correspondence concerning graduate work to Eugenia McDaniel, Secretary of Committee on Graduate Study, East Lansing, Michigan.

EIGHTY-ONE PLANS FOR COMMENCE-MENT.

My classmates of '81, are you taking notice that our class is one, with others, scheduled for the reunion in June?

Thirty-nine years ago, after four years of association, we left our college to go out to find our place in the world. Most of us are still among the living, and I would like to meet every one of the old class on

the campus next June.

Why not begin to plan now to have a big class reunion. I will promise to be there, and I presume no one will have a greater distance to travel. In the February 27th issue of the "Record" I find an article by our classmate, A. E. Smith, telling about a meeting of four of the Class of '81 at Rochester. He offers to act as secretary in any matter of interest to the Class of '81, and I would suggest that each one write him. Tell him that you will be there and more than that tell him that you are going to do your part towards the success of the Union Memorial Building.

In a recent number of the "Record" I find that the total amount subscribed by the Class of '81 is \$110.00. This certainly is not a record that any of us can be proud of. For four years we made use of M. A. C., to prepare us for our future, and, judging from the success that the boys of '81 have made, I think that we must all give M. A. C. a great deal of credit for what

we have been able to do.

President Kedzie has well said that "M. A. C. cannot live on her past," and asks the pertinent question, "What will YOU do for her future?" Let us all answer by sending in a liberal pledge towards the Union Memorial Building. I will put my name down for \$100.00 as a starter. Who will be the next? Let the answers come in at once. Remember, the SUCCESSFUL man does things NOW!

This message is prompted by my loyalty to M. A. C. and my continued interest in all of my classmates.

A. H. VOIGT.

FACULTY NOTES.

Dr. Eben Mumford, state leader of county agents, at the weekly noon luncheon of the Kiawanis Club of Lansing, urged the placing of the industry of agriculture on a business basis such as manufacturing plants and other industries are operated. He explained the work being done in the state and pointed out the gaining tendency towards specialization in agriculture.

Prof. F. H. Sanford, '04, of the forestry department, Mrs. Sanford, and O. I. Gregg, '07, county agent for Wayne county, were guests of Henry and Mrs. Ford at the Henry Ford farm sugar bush at Dearborn on Sunday, March 21.

Myron B. Chapin, for several years connected with the drawing department of the college, has returned to the college this term to resume his work, after a three months' leave of absence. He has been studying at the University of Chicago, and at the end of the winter term completed his work and received the degree of Ph. B.

WEDDINGS.

ABBOTT-READING.

H. K. Abbott (with '18) of Reading and Miss Alice M. Rabus of Fort Wayne, Indiana, were married on December 4, 1919.

COLLIER-LEWIS.

Roberta Collier, '14, and H. M. Lewis were married on February 28, 1920. They are living at 1613 Beach St., Flint.

SORORIAN ALUMNAE.

The Sororian alumnae met Tuesday evening, March 30th, at the home of Mildred Davis, in Lansing for their monthly Bohemian supper. Officers were elected for the ensuing year, as follows: President, Mazie Gitchell; vice president, Lena Van Haltern, and Neenah Kyes, secretary-treasurer, to succeed herself. The next meeting will be held at the home of the new president, April 27th.

LETTERS TO THE RECORD.

A TRIBUTE TO M. A. C. FROM '18 CONGRESSIONAL MEDAL WINNER.

Dear "Mac":

I am enclosing my card and the first payment for my share of the Memorial Building Fund. It is very small for so worthy a cause but I cannot let this opportunity go by to do something to express my gratitude of what the men on the Honor Roll did for M. A. C.

M. A. C. has much to be proud of in its past history, but it all fades into nothing compared to the service it gave to state and nation during the Great War. M. A. C. students and alumni never united in greater cause than to perpetuate in marble and bronze the glory of her dead. The deeds of the living are naught compared to those of our "gold star" men. I believe I can appreciate the conditions under which those men made the supreme sacrifice. It is a hard thing to do-to sacrifice one's life, ambitions, and all upon the field of battle, but it is indeed a glorious sacrifice. To allow their memory to pass uncherished would not be like M. A. C.

The best part of this whole idea is that not only will M. A. C. be honoring her glorious dead in a befitting and useful manner, but the spirit which gives such heroes their strength of will to die for a just cause. if necessary, will also be perpetuated. But very few colleges can boast of the fine spirit that M. A. C. possesses among her sons and daughters. To commemorate that spirit is worthy of the best efforts of M. A. C. men and women.

Although I have severed my active connection with the institution I cannot eradicate the roots of manliness, Godliness and above all that unconquerable "M. A. C." spirit. All my dreams of college days and college joys are of the days at M. A. C. 1 cannot become a thoroughbred U. of M. man. always there is a smoldering fire that flames up at the mention of the Aggie camp. The lessons in the "art of living and doing for others" that I learned from such men as "Prexy" Snyder, Uncle Frank, and Dean Shaw are not easily forgotten.

I sincerely hope other M. A. C. men and women will feel the sacredness of this cause and what it means for the future of our Alma Mater and subscribe as gladly but

more bountifully than I have.

With my best regards to you personally, and hopes of a very successful campaign, I remain,

Harold A. Furlong, '18. Ann Arbor, Mich.

A WORD FOR BETTER SALARIES.

I am reluctant to submit a subscription in the amount indicated on the enclosed blank. It does not measure my debt to the institution, but rather what it appears now I am able to pay in the light of future plans.

It also indicates a division of my sympathies with regard to worthy M. A. C. undertakings. The other concerns a campaign of relief for the teaching force of the college. "M. A. C. cannot live on her past," heither can she hope to sustain life unless her leaders are paid a living and respectable wage.

What is to be done about them? How about a fund for the present day, yearround heroes? Let's pay M. A. C. instructors a living wage.

-L. C. Carey, '13.

Class Notes 2

The class of '70 will celebrate her fiftieth anniversary—her golden reunion—at Commencement time this year, June 13-16.

S. P. Tracey, M. D., Walkerton, Indiana, sends greetings, but says, "Nix on news that any of the boys care about."

This from E. O. Ladd, Old Mission, "I have nothing new worth reporting. I inclose my subscription to the Memorial Funds, and regret that I could not make it much larger. Perhaps I can do more later on if necessary." sary.

779.

'79-ers will gather at Commencement, June 13-16, for their regular reunion. Are you making plans now to come back?

'80.

The coming Commencement will mark the fortieth anniversary of the class of '80. Plans are already under way to make it a

'81 is planning to come back in force for her regular reunion, June 13-16.
Carlton R. Dart, 706 Greenleaf Ave., Wilmette, Ill., is chief engineer for the Sanitary District of Chicago, 700-910 S. Michigan Ave. He is in charge of design and construction of bridges, dams. locks, engineering features of power houses and pumping

ing features of power houses and pumping stations.

From Dr. Byron S. Palmer, 74 Jackson St., Palmyra, N. Y., we have this, "Occupation—trying to recover my health after three years of illness. I expect to attend the alumni reunion this summer, where I hope to meet every member of my class, that of 1881. I can suggest no tonic that might prove more beneficial to this old frame of mine than such a meeting." '82.

During the coming Commencement week, June 13-16, '82 will reunite.
William Emerson Babcock (with) is living at 122 Niles Ave., Mishawaka, Indiana, where he is employed in the post office. "Often have I reflected," he writes, "that I missed it by not continuing to graduation with our M. A. C."

J. D. Towar, Lansing, has moved his office from 111½ N. Washington Ave., to 306 Oak-land Building.

George L. Spangler is an attorney-at-law at Endicott Building, St. Paul, Minn., and lives at Forest Lake.

'88.

Lyster H. Dewey, 4512 Ninth St., N. W., Washington, D. C., has just returned from Porto Rico, where he has been working on fiber plants since January. "Mr. Dayton, with '90, from Lapeer county," he writes, "now immigration officer at Ensenada, Porto Rico, inspected my passport on my return from Republica Dominicana, in February."

290. This coming Commencement in June will be the occasion of the thirtieth anniversary of the class of '90. Plan now to come back to the "Old School," June 13-16.

to the "Old School." June 13-16.

W. D. Groesbeck, 210 13th St., S. W., Washington, D. C., recently added his John Henry as a new member of the M. A. C. Association and in response to our query, "Do you love M. A. C. or do you want to forget Her? What's \$2 to a man in love?" he makes the very pertinent reply. "It's about 97c since Bill Hohenzollern started the fireworks." He adds that John S. Petrie, son of William Petrie, "90, will leave for Egypt in August, 1920, to become business manager of a mission station.

"93.

W. W. Parker, 412 M. Yakima Ave., Tacoma Park, Washington, writes, "Am principal of the Lincoln high school, 1600 enrollment, 57 teachers, a fully equipped modern half million dollar high school, machine shop, electric shop, foundry, forge shop and auto shop that compare well with the mechanical department of M. A. C. in my day. Boys' gym, girls' gym, two swimming pools. Everything top notch except salary. One M. A. C. grad. on the faculty, E. Belle Alger, in home economics department."

A. B. Cook, Owosso, sends this, "Just an ordinary sod buster. Out strong for M. A. C. all the time. Greatly enjoy Record. Keep it coming. M. A. C. sure has got the goods

and is doing splendld work, but the supply of raw material could and should be dou-bled. Publicity of the right kind would turn the trick. Watkins and Mrs. Stockman on the board greatly pleases us farmers."

Major M. F. Loomis, 27 Villa Beach, Cleveland, Ohio, is District Chief for the Cleveland Ordnance District, 22d and Prospect

Loyal '95-ers are planning to come back June 13-16 to celebrate their silver anni-

Homer C. Skeels, 210 Holly Ave., Takoma Park, D. C., expects to be on hand for the Commencement reunion of '98. In connection with his work as botanist for the office of foreign seed and plant introduction and distribution, his job is to identify the seeds imported from all parts of the world and keep a collection of samples of the various kinds imported.

This is the year for the regular Commencement anniversary of '99. They are planning to come back with a big delegation. '00.

The naughty naughts will celebrate their twentieth anniversary June 13-16, at the

Pecide now to come back to the "Old School" for the regular reunion of '01. The rest of the "gang" will be here.

Ray G. Thomas is still located at Three Oaks, and "trying to operate the farm without help."

George E. Martin is chief engineer for the Walden W. Shaw Livery Co. of Chicago, builders of taxicabs, touring cars and trucks. He lives at 5412 N. Sawyer Ave.

The fifteenth anniversary of '05, is to be celebrated by a reunion at M. A. C. during Commencement Week, June 13-16.

'05 is making her fifteenth anniversary an excuse to get back to the college for Commencement, June 13-16.

Mrs. W. B. McClintock (Myrtle Hayward, with '05), 118 W. Park St., Marquette, is very busy with two future M. A. C. students, David Hayward, age 8 years, and Walter James, aged two years.

Mrs. W. E. Grant (Katheryn Huckens), formerly of Bay City, has moved to Culver City, California.

'06.

Curry S. Hicks (with) professor of physical education and director of athletics at Massachusetts Agricultural College since 1911, sends greetings.

G. P. Boomsliter writes, "Have changed my address from Urbana, Ill., to Mechanical Hall, Morgantown, W. Va. Am now professor of mechanics at the West Virginia University here. Ran across F. E. N. Thatcher, '199, who is the very live secretary of the American Association of Engineers in this district."

Ray C. Potts, dairy specialist, Bureau of

district."

Ray C. Potts, dairy specialist, Bureau of Markets, U. S. Dept. of Agriculture, Washington, D. C., was in Lansing on business the first of March, and called at the alumni

office.

Albert N. Robson, Crestwood, Yonkers, N. Y., as forester to the Brown Parkway Commission has charge of all tree trimmings, planting, tree surgery, nurseries, etc., and supervision of all maintenance of lawns, paths, drives, equipment, tools and buildings.

Mrs. Violet Miller Dixon, 461 Clairmont Ave., Detroit, changed her position on March 15, to laboratory technician for Dr. Jennings,

WHAT COLLEGE?

THERE IS A STRONG DEMAND FOR TRAINED ENGINEERS.

The high school student should be thinking.

Before making the final decision as to What College, INVESTIGATE M. A. C. and the opportunities offered here.

Regular Four Year Courses in

MECHANICAL, CIVIL, ELECTRICAL. and CHEMICAL ENGINEERING.

Send for catalog-Ask questions. Remember M. A. C. is vour State College.

FRANK S. KEDZIE, President, East Lansing, Mich.



The College also offers courses in Agriculture, Home Economics, Forestry and Veterinary Medicine.

Dr. Vaughn, and Dr. Witwer, at 435 E. Jef-

Ferson Ave.

Bessie M. Harcourt (with) clerk to Dean
R. S. Shaw at M. A. C., lives at 542 Baker R. S. Shaw at M. A. C., lives at 542 Baker St., Lansing. Earle Towne lives at 418 Smith Ave., Lan-

sing.

Andrew S. and Mrs. Van Halteren (Lenora Smith, with '09) have recently moved from Lansing to Evergreen avenue, East Lansing, opposite the Tic House.

'08.

E. S. Bartlett, Butte, Montana, now lives at 1623 Lowell Ave.

'09.

Mrs. Myrtle Closson Hutchins, wife of C. Claude Hutchins (with), died at her home in Flint on February 29, after a five weeks' illness with pleural pneumonia. The Hutchins were married in June, 1919.

Edbert C. Buss (with), athletic director at DePauw University, lives at 303 E. Seminary, Greencastle, Indiana.

'10.

T. A. Jordan, 5157 Hutchinson St., Chicago, is designing structural steel for the Ameri-

T. A. Jordan, 5157 Hutchinson St., Chicago, is designing structural steel for the American Bridge Co.

Edith V. Harding sends this, "Have been teaching domestic household science since 1910. Was three years at Athens College, Ala., six years in the Thomas Normal School, Detroit, and am now head of the domestic science department in the school of Domestic Science, 6 N. Michigan Ave., Chicago. Spent last year in Teachers' College, New York City, continuing courses in home economics. My address now is 931 Crescent Place." nomics. Place."

Sam Hagenbuch, of Three Rivers, is late in announcing the arrival of a son, Warren M., on November 17, 1919, "just two days late to see the Notre Dame game, but he can root, root, root for the home team now."

James E. Wilcox is now with the plant engineering department of the Ford Motor Company, River Rouge Plant, and lives at 1055 W. Fort St., Detroit.

The class of '10 will reunite at Commencement time, and celebrate their tenth anniversary. Remember the dates, June 12-16.

13-16.

A letter from Devillo Wood, forester at Sandakan, British North Borneo, written on Christmas Eve, says in part, "We are planning a lot of stunts for the holidays. As I have said before, it does not seem like the Christmas season we are used to, but everyone does all he can to make a Christmas spirit in the air. I am keeping in excellent health, and was surprised the other day to find that I had gained five pounds."

A. N. Shelander is general manager for the U. S. Maritime Corporation, and lives at 700 London St., Brunswick, Georgia.

Mrs. Gayle A. Foster (Elizabeth Schneider), Greenwich, Conn., writes, "We are moving to \$5 Sherwood Place on or before May I, where we have bought a home. At present busy fighting the H. C. of L. and studying interior decoration. Hope to get to Lansing in time for Commencement."

This from Bob Russell, of the Handley-Knight Co. of Kalamazoo, "Enclosed find etc. Sorry not to have sent it sooner, but have enjoyed the Record fully as much as if it had been paid earlier, if that gives you any satisfaction. Stepping some nowadays! Putting in forty-eight hours day, nine days in the week, but it doesn't get us rich—just tired."

12.

Katharine Ransom has returned to Colum-

112. Katharine Ransom has returned to Columbus, Ohio, after nearly three years at Sheldon Jackson School, Sitka, Alaska, teaching domestic science and physical training. She

LAWRENCE & VAN BUREN PRINTING COMPANY

PRINTERS, BINDERS AND ENGRAVERS

210-212 NORTH GRAND AVENUE

ENGRAVINGS made by Lansing's Upto-the-minute Engraving Company are equal in every particular to those made in any plant in the country and the service better because of our location Lansing Colorplate Co

230 Washington Ave. North

is now teaching at the Southard School at Columbus, and residing at 1685 Arlington Ave., Upper Arlington, Columbus, Ohio.
Florence Shafer Mitchell (with) lives at 131 You St., N. W., Washington, D. C.
R. D. Verplanck of Sheridan writes, "Have been farming since I left M. A. C. on my father's 250-acre farm. Was married in 1912 and have a boy and two girls. I am glad the M. A. C. Association is making the effort to keep in touch with former students."
E. W. DeGraff, Internal Revenue Collector for the U. S. Treasury Department, lives at 6517 Fir Ave., Cleveland, Ohio.

Barker-Fowler Electric Co.

"The Motor People"

ELECTRICAL SERVANT SERVICE

117 E. Michigan Ave.

Bell 724

Citizens 2102-3303

Headquarters for FOUNTAIN PENS AND SHARP POINT PENCILS

Three and one-half gross of Shaffer Fountain Pens sold in 20 months. Guess this is "going some."

Randall Drug Co.

Prescription Drug Store.

Northwestern Teachers' Agency

Largest in the West

Citz. Phone 51567

UTAH OFFICE

No Initial Enrollment Fee

HOME OFFICE BOISE, IDAHO

SALT LAKE CITY, UTAH

CALIFORNIA, HAWAII BERKELEY, CALIF.

CALUMNI

Sending photographic finishing to us will have 24-hour service from time order is received. age one way. TRY US.

We make enlargements from your negatives. TRY US. Do you want campus views of your M. A. C. TRY US.

J. H. PRATT, Manager E. M. HARVEY, '15 . EAST LANSING, MICHIGAN

LOFTU

GOOD LDMINT

STORES IN LANJING AND EAST LANSING

Saier's 1920 Catalog

An up-to-date Garden Book

Michigan Grown Seeds

Michigan Growers.

Special attention to all M. A. C. graduates' orders. Just put your class on your order.

Harry E. Saier Co., Inc. 114 East Ottawa Street LANSING, MICHIGAN

Jollie H. Tibbs is now living at Ludington, R. R. No. 2.

Jollie H. Tibbs is now living at Ludington, R. R. No. 2.

R. H. Vosper, "Dick," is operating a logging camp on Bois Blanc Island, address Walker's Point, Mackinaw Co.

G. L. Lardie, 913 John St., Sault Ste. Marie, is works engineer for the Union Carbide Co. "H. E. Collins," he says, "formerly in the employ of the Michigan Northern Power Co. of this city, is now with Stone & Webster, contracting engineers of New York City, located at Listo, Calif.

William R. C. Smith (with), 520 W. Ionia St., Lansing, is purchasing agent for the Axle division of the Olds Motor Works.

Truman J. Dean, draftsman for the Detroit Steel Products Co., lives at 24 Vermont Ave., Royal Oak.

H. M. Jacklin, of the Oneida Motor Mechanical Co., 637 S. Madison St., Green Bay, Wis., and Mrs. Jacklin's brother, Gurd Hays, 14) were in Lansing March 10 attending the funeral of Mrs. Jacklin's brother, Gurd Hays, prominent Michigan news writer.

714.

William Curtis, Jr., 118 Pleasant St., Stoughton, Mass., is a custom house broker for Stone & Downer Co.
Paper No. 1409 on "Obstructions of Bridge Piers to the Flow of Water," by Floyd A. Nagler, presented some time ago before the American Society of Civil Engineers at a meeting in New York City, was awarded last year's prize known as the "Collingwood Prize for Juniors" at the annual meeting held in January, 1920. The prize consisted of an engraved certificate with \$50 cash. Dr. Nagler is an associate member of the society.

Society.

Ben J Holcomb is teaching agriculture and coaching athletics in the Plymouth high

Maribelle Alton of Grand Rapids is now living at 332 Paris Ave.

J. D. Rovick is a tool designer for the Eureka Tool & Die Co., and lives at 631 North Ave., Dayton, Ohio.

Maurice B. Parsons, 80/ Chicago Ave., Lansing, writes, "I am with the Olds Motor Works of this city and have charge of the tool designing in the new Axle Plant. We expect to build both front and rear axles for Oakland, Chevrolet, and Olds automobiles. The entire plant is motor equipped and modern to the minute."

From E. M. Young we have the announcement that they have a new candidate in their home for M. A. C., class 1938, in E. M. Young III. The Youngs are living at 107 Beaumont St., Dorchester, Mass., where they have just purchased a new home.

The return of the class of '15 June 13-16 will mark their fifth anniversary. Are you planning to help mark it?

"16.

C. E. Thompson, 306 Putnam Ave., Detroit, recently with the D. U. R., is now in the Cement Tile Department of the Truscon Steel Co. "I am rooming with Earl Beatty, and Cornelius and Blomquist of '17, are also in the same house." he writes, "so we don't forget M. A. C."

C. B. Milroy is assistant district road engineer for St. Louis Co., Minnesota, and lives at 418 Ninth St. S., Virginia, Minn.

'17.

'17, with the record of being the largest class ever graduated from M. A. C., ought to have the biggest reunion in the history of the college, at her first, June 13-16.

Fred S. Hobbs is in the inspection department of perishable fruits, Michigan Central Terminal, Detroit.

Clara Forte Corrigan (with) lives at 141
E. Bethune St., Detroit.

Esther E. Valleau is teaching at Cheboygan.

F. B. Harris, who is farming near Flint, called at the M. A. C. Ass'n office on March 6. Kenneth B. Spaulding, sales engineer, lives at 1809 W. Grand Blyd., Detroit.

M. S. Tarpinian, bacteriologist at the Battle Creek Sanitarium, was a caller at the Record office a few days ago.

Dorothy Towne is still teaching in the Flint schools, but has changed ner residence to 609 E. Sixth St.

Henry G. Sommer is in the engineering department of the Lansing Stamping and Tool Co., and lives at 1701 E. Michigan Ave.

Earl A. R. Lauffer, 852 Fourth Ave., Detroit, sends this, "There are quite a few of the boys around the shop and office. Relations around the shop and office. Relations Stamping and Tool Co., and lives at 1701 E. Michigan Ave. The boys around the shop and office. Relations of the boys around the shop and office. Relations of the boys around the shop and office. Relations of the boys around the shop and office and then I lost him again. There is an O. A. Johnson from Sparta who was with '17 for a year or so. A. P. Tradewell, '17, is living on Canton Ave. 'Chuck' Rouse is with an insurance firm but I've lost track of him."

This coming Commencement will mark the return of '18 for her first regular re-

This coming Commencement will mark the return of '18 for her first regular reunion.

union.
R. J. DeMond, "Frenchie," left Detroit several months ago, and is now located at Springfield, Ill., with the Illinois State Highway Department. He lives at 405 S. Fourth

street.

Howard E. Alvord (with) is a traveling salesman with the Tritt China Co., and lives at the Vonhof Hotel, Mansfield, Ohio.

"18 men who have visited the college recently are Charles W. Gustavus (with), 764 Helen Ave., Detroit; H. K. Wrench, "Prep," purchasing agent for the Baker Tractor Co., 257 Bagg St., Detroit, and Clare J. Perry, with the Insecticide and Fungicide Board of the U. S. Department of Agriculture, Washington, D. C.

"19.

Richard D. Perrine (with), Jackson, R. F. D. No. 3, is with H. M. True & Sons on the "Elmwood Farm" and also conducting a milk route in Jackson.

is at his home, 312

C. H. Shaver (with) is at his home, 312 N. Wenona Ave., Bay City. John MacPherson (with) is at present liv-ing very peacefully on his fathers farm at Wyandotte, doing chores and odd jobs.

There isn't much stretch in a dollar these days, but the

Co-Op. Book Store

has the same dollar stretching power that it had when you made it your trading post.

> Let us serve you by mail - just as we used to over the counter- not for old times sake but because we can save money for youxxxx

Drawing Books, Instruments, Papers and College Souvenirs.

THE M A. C. BOOK BUYING ASSOCIATION.

Norma L. Ensign, Mgr. New Bank Block



Feed This Mixture to Get A Large Milk Flow at Low Cost

The Buffalo Corn Gluten Feed grain mixture given below is fed to thousands of cows in the nine states that supply the people of New York City with their milk.

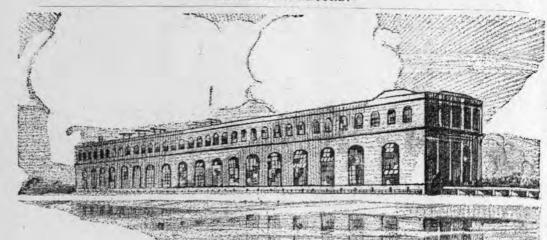
If you have never fed highly digestible Buffalo Corn Gluten Feed, tell your dealer you want some and try this mixture.

200 lbs. Buffalo Corn Gluten Feed 200 lbs. Wheat Mill Feed, or Bran 25 lbs. Linseed or Cottonseed Meal

This grain mixture will make big milk checks for you, whether the market where you sell your milk and cream is New York or Chicago, Detroit or Cleveland.

> Made by Corn Products Refining Co. Chicago New York

Write to H. Chrystal, 606 Ford Building, Detroit.





A casting for one of the huge water-wheel driven generators installed in the Mississippi River Power Company's plant at Keokuk. This installation will ultimately consist of thirty of these machines, giving a total capacity of 215,000 kilowatts (300,000 horse-power). It is the largest bydro-electric development in the world. The General Electric Company builds generators for water-wheel drive in sizes ranging from 37½ to 32,500 kilowatts and the aggregate capacity of G-E units now in successful operation is in excess of four million horse-power.

Mississippi River Power Company, Keokuk, Iowa

Utilizing Nature's Power

ELECTRICAL energy generated by water power has grown to be one of our greatest natural resources—and we have only begun to reach its possibilities. It mines and refines our ores, turns the wheels of industry, drives our street cars and lights our cities and towns. The power obtained from Nature saves many million tons of coal every year.

At first the field of its utilization was limited by the distance electricity could be transported. But soon research and engineering skill pointed the way to larger and better electrical apparatus necessary for high-voltage transmission. Then ingenious devices were invented to insure protection against lightning, short-circuits, etc., which cause damage and interrupt the service. And now all over the country a network of wires begins to appear, carrying the magic power.

The General Electric Company, with its many years' experience, has played a great part in hydro-electric development. By successfully co-ordinating the inventive genius of the company and its engineering and manufacturing abilities, it has accomplished some of the greatest achievements in the production and application of electrical energy.

The old mill wheel of yesterday has gone. Today the forces of immense volumes of water are harnessed and sent miles away to supply the needs of industry and business and the comforts of the home.



95-1301