





The WOLVERINE

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By the JUNIOR CLASS of MICHIGAN AGRICULTURAL COLLEGE

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Foreword

I N PRESENTING this war-time Wolverine on behalf of the class of '19 we, the editors ask for it nothing but the recognition due it as Volume XVI of our college annual.

If it portrays the life and events of the past college year in a manner that will make it of service on the campus throughout the coming year, and if as the years pass, it fulfills its ultimate function of renewing our memories of college life, functions and friendships, it will have accomplished all that we intended it should.

THE EDITORS

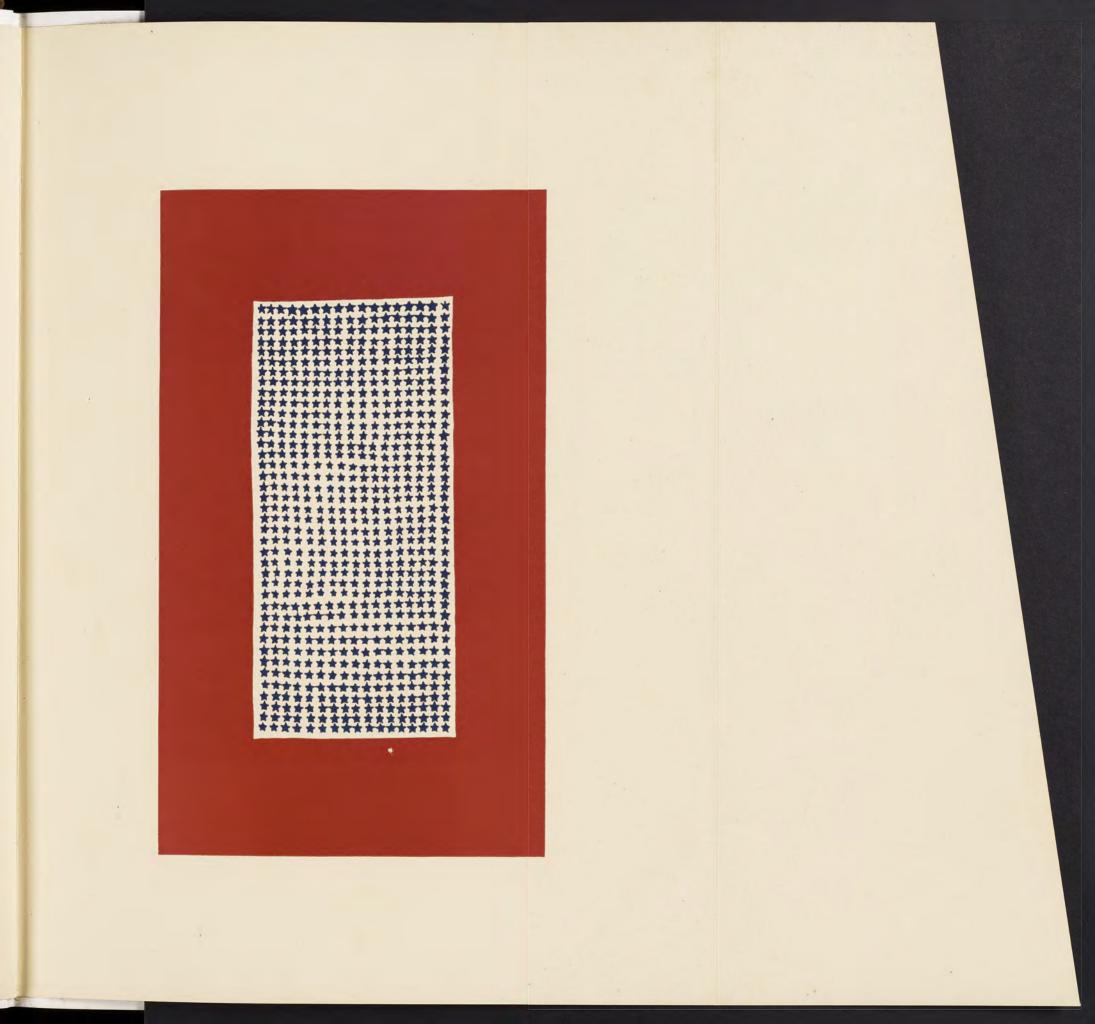
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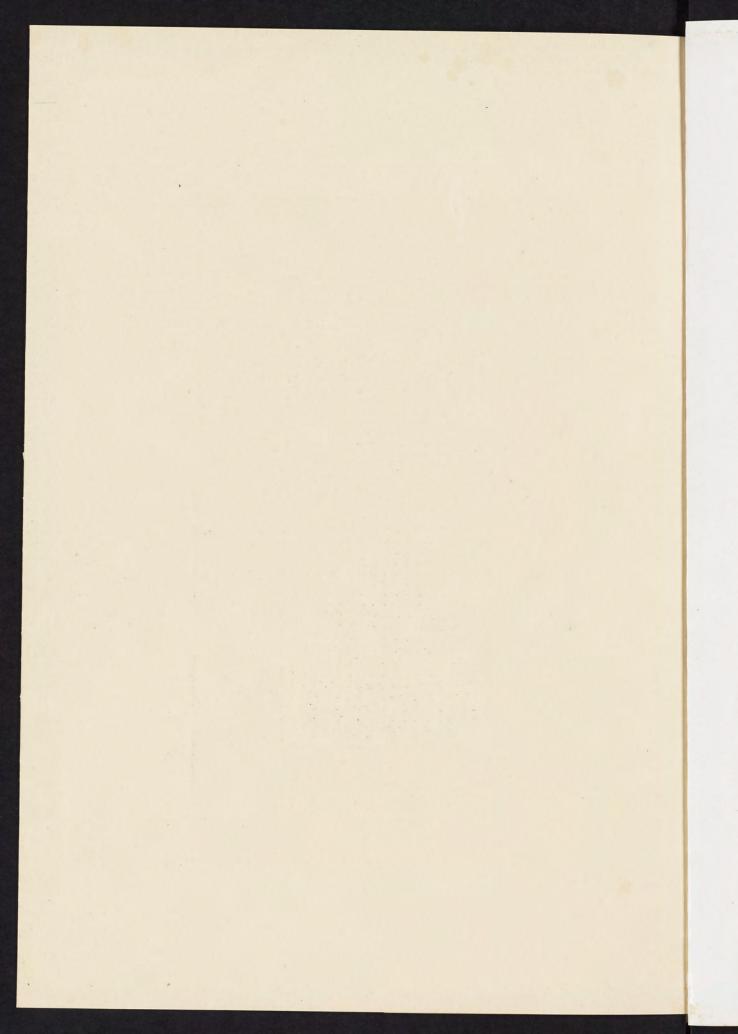
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MICHIGAN AGRICULTURAL COLLEGE ALUMNI AND UNDERGRADUATES REPRESENTED IN PART BY THE STARS ON THIS SERVICE FLAG WE, THE CLASS OF 1919, DEDICATE THIS WOLVERINE





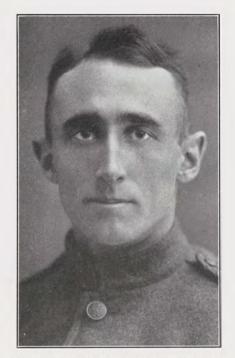




ORDER OF BOOKS

DEDICATION FACULTY CLASSES ATHLETICS MILITARY CAMPUS GRINDS AND ADS





CORPORAL WM. R. JOHNSON, '12

The passing of W. R. Johnson fixed the first gold star on our service flag. Mr. Johnson was among those who were lost on the British transport, the Tuscania, when it was sunk by a German submarine off the coast of Ireland.

While at M. A. C., Mr. Johnson, popularly known as "Bill," was prominent in class athletics and well known about the campus. He was manager of the class baseball team in his sophomore year and played with the team through its four years. He was a member of the Athenaeum Society of which he was president in his senior year.

After leaving college he was manager of his father's 260-acre farm until last November when he went to Camp Custer. He made application through Professor Chittenden to be transferred to the 20th Engineers (Forestry). The transfer was made and it was with this division that he sailed for England on the Tuscania.

Thus is marked M. A. C.'s first great sacrifice in this world struggle for democracy.





The Service List

1885

Hemphill, R. W., Jr., Capt. Ord. Dept.

1888

Chamberlain, Paul M., Major O. R. C., Ord. Dept.

1890

Hall, Harris F., Capt., 123d H. F. A.

1891

Ashton, Fred W., Lieut.-Col., 7th Inf., Neb. Nat'l Guard.

1892

Gregory, Myron S. (with), Capt. Med. Corps.

1893

Goss, H. M., Army Y. M. C. A.

Holden, James S. (with), A. S. S. C., Const. Div.

Percival, Chas. G. (with), Capt. Ord. Dept.

1895

Allen, H. R., Major, Cav. U. S. R.

1898

Ainger, Frank B., Jr. (with), Capt. Supply Co., 340th Inf. Cole, Otis R. (with), Major, 330th Inf.

1899

Smith, L. C. (with).

1900

Dodge, Frederick W. (with) Ensign, U. S. N. R. F., U. S. S. Snohomish.

Fuller, Geo. B., Aero. Mech. Eng., S. C. A. S.

1901

Baker, Hugh P., Capt. O. R. C., 46th Inf. Curtis, Fred S. (with), Capt. 310th Eng.

Ireland, Mark, Major, U. S. A., Q. M. Mech.

Repair Shop. Lundy, C. B. (with), Lieut. Com., U. S. S. Pennsylvania.

.1902

Horton, N. B., 1st Lieut. Co. L, 334th Inf.

1903

Kingsley, H. Ray (with), Capt. E. O. R. C., Manila, P. I. Rose, C. B. (with), Major, Aviation Signal

Corps, Washington, D. C.

1906

Wilson, W. P., Capt., 7th Regt. C. A., A. E. F. France, via New York. Bird, R. C.

1907

Bye, Levy B. (with). Canfield, Russell S., 1st Lieut. 114th Eng. Granger, C. M., Capt. Hdq. Lines of Communication.

Hyatt, W. D. (with), Lieut. O. R. C.

Strome, Grant U. (with), 2d Lieut. Co. A, 340th Inf.

Towner, W. S. (with), 2d Lieut. O. R. C., Q. M. C.

1908

Ashley, Amos A. (with), Major U. S. A., 119th F. A. Bolte, Guy W. (with), 7th F. A.

Kiefer, Francis, Capt. Eng. Hdq. For. Lemmon, K. B., Capt. U. S. A., C. A.

Norton, C. B., 1st Lieut. Hdq. S. O. R. C., A. S.

1909

Alvarez, Ramon J., 2d Lt. Art. P. I. Nat'l Gd.

- Bullis, Coyne G. (with), Machinist's Mate, 1st Cl. U. S. S. Dorothea.
 Dewey, Maurice J. (with), A. S. S. C.
 Frazer, Wm. D., Capt. U. S. A., Bat. A, 7th C. A. C., A. E. F.
 Harrison H. H. 1st Liout. 206th Am

Harrison, H. H., 1st Lieut., 306th Am.

Kierstead, Friend H., 2d Lieut., E. O. R. C., 116th Eng.





Kline, Justin, Co. 80, 6th Regt. 2d Bn. Marine Corps.

Lyon, R. R., Capt. U. S. A. McCullough, Nelson, Co. C, 23d Eng.

- Moss, W. N., Capt. O. R. C., C. A.
 Mass, W. N., Capt. O. R. C., C. A.
 Parker, F. R., Capt. O. R. C., 326th Inf.
 Stebbins, Stowell C. (with), Capt. Ware-house Div., Q. M. C. N. A.
 Tanner, R. V., 1st Lieut., 334th Inf.
 Wabb Frank & Capt. 26th France

- Webb, Frank K., Capt. 28th Eng.

1910

Bird, E. Morris (with), Capt. C. A. C.

- Clippert, Clarence G., 1st Lieut. San. Corps, Base Hospital Lab.
- DeCamp, J. Conley, Corp. Co. C, 1st Bn., 20th Eng. (ror.) Griffin, C. A. (with), Sergt. K. T. Amb.
- Corps
- Hobbs, George W., 1st Lieut. Motor Equip. Sec. Ord. Dept.
- Lemmon, Chas. A., Capt. Co. 1, 1st Bn., 153d Depot Brig., 312th Inf.

MacLachlan, Ira D., Capt. 125th Inf.

- McKenna, Parnel, 1st Lieut. U. S. R., F. A.
- McEwing, L. B. (with), 2d Lieut, F. A. Ponitz, Chas. H., Capt. Ord. O. R. C. White, W. E., 10th Eng. (For.)

1911

Brightup, Roscoe E., Capt. O. R. C., 15th Co., C. A. Buck, M. M., 1st Lieut. O. R. C., Co. H,

6th Inf.

Bush, Howard D. (with), 105th M. G. Bn. Button, Aaron C. (with), 1st Lieut. M. O. R. C., 110 Field Amb. B. E. F.

Cortright, Ion J., 2d Lieut.

- Curtiss, C. Dwight, Capt. Co. C, 41st Eng. Dimmick, G. L., 1st Lieut. Inf., 311 Supply Train.

- Forbes, E. G. (with), Co. A, 21st Eng. Frey, C. N., 1st Lieut, San. Corps. Greenleaf, M. C., Sergt, 5th Co. E. R. O. T. C

Hale, Paul B. (with), Inf. O. T. S. Holdsworth, Robt., P. Capt. Inf. R. C., 23 Co. 6 Bn., 151 Depot Brigade.

Johnson, L. G. (with), Sergt.-Major, 372d

Aero. Squad. Knepf, C. H., 1st Bat. O. T. S. Porter, Ben C., Jr., Corp. Bat. A, 328 F. A. Roe, C. S., 1st Lieut. Eng. Replacement

Depot.

Ross, Chas. A. (with), Capt. 14th Inf. Vance, Walter (with), Kelly Field No. 2. Wandell, E. P., 2d Lieut. Inf., unassigned. Webb, H. S. (with), 1st Sergt. Supply Co.,

125th Inf.

Urch, Leslie L. (with) Amb. Co. 338, 310 San Tr.

1912

Barnhart, Willis J. (with), O. T. S.

- Carmody, John H., O. T. S. Cavanagh, Everett (with), 1st Lieut. S. C.,
- Auto Wheel Repair Unit. Chilson, Clinton H., Ist Lieut. U. S. A., 51st Aero. Squad., A. S. S. C. Edwardsen, C. A. B. (with), Capt., Per-
- sonnel Officer.
- Ever, L. E.
- Gearing, M. J., Capt. O. R. C., 330th F. A. Harris, John J., Capt. O. R. C., 349th F. A., Hdq. Co.
- Hebard, F. F., U. S. N. R. R. Harris, F. R. (with), 1st Lieut. A. S. S. C., 8th Squad. Avia.
- Iddles, Alfred, Lieut. Ord. Dept., Wash., D. C.
- Johnson, Wm. R., lost in the sinking of the Tuscania.
- Jonas, Jos. F., 2d Lieut. 471st Aero. Squad.
- Kessler, T. F. (with) Capt. Ord. Dept. Knowlton, H. E., Sergt. 1st Bat. O. T. S. Mead, Alfred B., 1st Co. O. T. S.
- McNabb, C. A. (with), 1st Lieut. O. R. C. Ryther, C. G., 1st Co. O. T. S.
- Sanford, E. C., 1st Lieut. Co. B., 10th Eng.
- (For.) Sheffield, Geo. C., 2d Lieut. O. R. C., 160th Depot Brigade.
- Smith, James A., Lieut, C. A. Spraker, E. C. (with), 1st St. Aaide Camp Gen'l Covell, 63d Inf.
- Stone, F. A., 1st Lieut. Co. B., 5th Bn., 20th Eng.
- Taft, H. G., Sergt, Co. 1, O. T. S. Trautman, W. E. (with), Corp. Bat. A, 322d F. A. N. A.
- Warner, Russell A., 1st Lieut. Co. D, 2d Eng.
- VanMeter, Morton, 1st Lieut. Co. B, 3d Bn., 20th Eng., Camp.
- Watkins, James B. (with), Amb. Co. 339, San. Tr. 310.

1913

- Allen, Gleason, 1st Bat. F. A., O. T. S. Benay, C. W. (with), O. T. S. Blomquist, Fritz T., Co. L., 345th Inf. Borgman, Harold H. (with), 1st Lt. Bat. F, 119th F. A.
- Brooks, John A., Jr. (with), Capt. U. S. A.
- Busch, Frederick Wm. (with), Navy. Chamberlain, Ralph G., 1st Lieut. C. A. R. C.
- Colgan, John G. (with), 1st Lieut., 1st Aero. Squad.
- Collins, Earl H., Capt. O. R. C., C. A.







Cook, G. D., Sergt. Co. A, 10th Eng.

- Corey, Walter C., 841st Aero. Squad. Cotton, H. L. (with), 2d Lieut. V. O. R. C.,
- Remount Depot.
- Crone, Leonard, Cadet No. 152039.
- Crawford, C., 1st Cook, Amb. Co. 21. Davis, Frank R. (with), 2d Lieut. O. R. C., 5th Bn., 160th Depot Brig.

- Douglas, E. C., Capt. O. R. C., C. A. Downey, W. D., Jr. (with), Co. F, 310 Eng. Dudley, W. D. (with), U. S. S. Columbia. Fulton, R. H. (with), Inf.

- Gorenflo, Elmer F., Capt. O. R. C., Cav. Wagon Co. No. 1, 310th Am. Train.
- Gridley, N. B., 1st Lieut. Harvey, Burt W., Elect. 2d Cl. U. S. S. Columbia.

- Hazen, J. B. (with), 1st Lieut. Inf. U. S. R. Hutchins, Lee M., Army Med. College. Knapp, Morris (with), Lieut. O. R. C., M. S. T. 409, M. T. C. 375.
- MacDonald, J. A., 2d Lieut. M. G. Co., 126th Inf.
- McCreery, Lee B. (with), Co. C, 310 Eng. McDonald, Wm. A., Capt. O. R. C., Co. K,
- 338th Inf. Mason, A. C., Corp. Co. 49, 13th Bn., 165
- Depot Brig. Mather, D. W., 2d Lieut. Raritan Ord.
- Depot.
- Morlock, J. F. (with), Lieut. Pierce, Bernard (with), 2d Lieut. O. R. C., Co. F, 37th Inf.
- Regones, Showley (with), Capt. V. R. C., unassigned.

- Shanahan, Robt. E., 2d Lieut. Inf. Smith, Wm. R., 2d Lieut. F. A. Snyder, Clifford L. (with), 2d Lieut. F. A. Stolte, C. Edw. (with), O. T. S.
- Storms, L. S. (with), 1st Bat. O. T. S. Store, D. D., 1st Lieut. O. R. C. Ord. Dept.
- Symes, L. K. (with), Canadian Forces. Ward, H. M., 2d Lieut., Co. D, 2d Brig.
- M. G. Bn.
- Wileden, L. A., 2d Lieut. V. R. C. Wilhelm, P. W., 1st Lieut. O. R. C., Inf.
- Wolf, Art D., Pvt. 20th Eng. Yoke, Elmore A. (with), 1st Lieut. Co. C, 330th Inf.

1914

- Allen, Heman H., Co. D, 18th Eng. Ry., U. S. A. P. O. 705. Alderdyce, J. C., 1st Lieut. E. R. C., U. S.
- M. P. O. 708.
- Arms, Theron R. (with), Amb. Co. 337. Baker, Philip C., Lieut. Lines of Communication.
- Benoy, Evan H. (with), 2d Lieut. C. A. C. 54 Regt. Hdq. Co. Borden, Clinton T., Sergt. Co. C, 341st Inf.

- Burt, E. H., 1st Lieut. 14th U. S. Inf. Chartrand, L. F. (with), 20th Eng. (For.), Am. U. Cockroft, W. S., 1st Bat. O. T. S. Caryl, Ralph E., M. R. C., Base Hosp. 35.

- Coryell, R. I., 2d Avia. Instr. Center.
- Cushman, D. D., 1st Lieut. Avia. Sec. S. C.
- Dilts, W. S., Navy, 1912 St. Charles St.
- Dodge, Ralph J., 409 M. S. T. Co. 375
- Ernsberger, Benj. H., Co. C, 328th M. G. Bn.
- Hall, H. C.

- Han, H. C.
 Hinger, T. R., Cadet, 2d Avia. Instr. Center.
 Hill, Irving D. (with), Co. D, 310th Eng.
 Hodgeman, C. D. (with), U. S. S. Columbia.
 Hodgkins, R. D., Aero. Squad. 349, Kelly
 Field No. 2 Field No. 3.
- Hulse, L. C., 2nd Lieut. O. R. C. F. A. Jennings, R. D., School of Aeronautics.
- Jensen, Ove F., School of Military Aero.
- Kellogg, Robert B., Jr. (with), Ensign U. S. S. Iowa. Kenney, F. R., 1st Lieut. U. S. A., 1st Cav.

- Kirshman, Irving. Lacey, Ned W., Avia. Cps. Ledyard, Hugh (with), 2d Lieut. O. R. C. Hdq. Office.
- McArdle, Clare S., Capt. O. R. C., Co. A, 310th Eng.
- Mason, W. L., 64 Art. Bat. E.
- Mason, P. G. (with), 3c Musician Hdq. Co., 337th lnf.
- Mains, Gerald H., 1st Co. O. T. S.
- Merwin, C. L., 1st Lieut, F. A.
- Mogge, Norton W., Co. D., O. T. S. Mueller, F. H.
- Nixon, Allen R., 223 Aero. Squad., Kelly
- Field, S. Petrie, J. A., 1st Lieut. O. R. C., Co. H, 59th Inf.
- Seibert, J. T., Sergt. Supply Co., 340th Inf. Shaver, T. R. Sheldon, H. J., 2d Lieut. Co. G, 337th Inf.
- Shilson, Gilbert T., 2d Lieut., Co. F, 340th Inf.
- Snyder, R. M., Army Med. College. Smith, Lewis A., 2d Lieut. O. R. C., Bat. C, 147th F. A. Toland, D. P. W., 1st Co. Inf. O. T. S.
- Towar, J. DeLoss, Jr. (with), 15th Cav.
- Am. Tr., Co. E. Vetter, C. T. (with), Bat. F, 328th F. Λ.
- Welch, Arthur E. (with), 1st Lieut. S. R. C., A. S.

1915

- Adams, F. O., 1st Lieut. Field Lab., 42d Div.
- Alden, E. E., 2d Lieut, U. S. A., Co. K, 21st Inf.
- Amos, E. G., 1st Bat. O. T. S.





Aseltine, Leland B., 2d Lieut. 37th Inf.

Autman, Ralph G., Lieut, O. R. C. Bennett, J. A., U. S. S. Antigone. Bibbins, A. L., Motor Train 375. Billings, Leo B. (with), Capt. Co. G, 338th

- Inf.
- Browne, Francis C. (with), 2d Lieut. O. R. C., 160th Depot Brig., 18th Inf., 5th Bn. Brundage, Marsden R., Sergt. 1st Bn., Hdq.,

- 20th Eng. (For.) Buell, H. J., Sergt. Co. D, 334th Inf. Cavanaugh, W. J., 2d Lieut. 339th F. A. Caldwell, Geo. L., 2d Lieut., Sub Dispen-

sary, 14th F. A. Cherry, A. E., 1st Lieut. 15th Cav. Churchill, Thos. W., 1st Lieut. V. O. R. C. Conover, H. R. (with), 1st Lieut. Quarters 140

Decker, Richard E., 1st Bat. O. T. S. Decker, Roy E., Hdq. Co. 3d F. A.

Dinan, R. E., Ord. Dept. Navy. Down, E. E., Inf. O. T. S.

- Dryer, O. G., 2d Lieut. O. R. C. Bat. C, 328th F. A., 160th Brig.
- Engel, A. M., 1st Lieut., Co. A, 7th Eng.
- Finch, Arthur L., Co. A, 337th Inf.
- Fisher, G. K., 1st Lieut., 161 D. B. Bks. 1258. Giffels, Bertram, 1st Lieut. Inf. N. A. 1st Bn., 159th Depot Brigade,

- Giffels, R. F., 5th Cadet Squad. Gage, G. R. (M. S.) Avia. Cps. Green, Geo. W., Avia. Sec. S. R. C. Harvey, Earl M., 1st Lieut. Henry, D. D., Lieut Commdg. Navy Rifle

Range.

- Herr, Charles, 1st Lieut. Co. F, 319th Inf. Hood, N. F. (with), 2d Lieut. Inf. Jewell, Albert H., 1st Lieut. Sig. Avia.
- School. Klasell, Alvin (with), Co. C, 10th Eng. Klein, Harold F., Co. 1, Inf. O. T. S. Lavers, W. W., A. S. S. C. Lawson, J. W., Ord. Corps, Arsenal.

- McMillan, D. C., 1st Lieut. 126th Inf.
- Maloney, Clarence B., U. S. Air Ser.

Mandenburg, E. C., 1st Bat. O. T. S. Matthews, Fred R. (with), Co. A, 120 M. G. Bn.

- Maveety, R. P. (with), 313 F. S. Bn., Bks. 3. Meschke, Karl G., 20th Eng., Co. E, 4th Bn.
- Miller, Oscar R. (with), 310 Regt. Sup. Tr. No. 5.

Mosher, Lawrence, 2d Lieut. V. R. C., 313 San. Tr. Amb. Co. No. 1.

Nelson, John L. (with), Co. D, 310th Eng. Palm, Donald (with), Sec. 603.

Parker, Harold M. (with), U. S. S. Osage. Paulson, A. C., 1st Lieut. Co. I 3d Bn., 336 Inf.

Peters, Melville F. (with).

Peterson, Ernest E., Corp. Co. D, 310 Eng.

Potts, R. J., 2d Lieut. 14th Inf.

Robinson, Standish W. (with), 2d Lt. O.

- R. C., 161st Depot Brig. Roop, C. L. (with), 2d Lieut. O. R. C., 337th Inf.
- Sayles, A. L., Co. 10, E. O. T. C

Schaffer, Geo. R., Lieut. V. R. C. Sisley, M. J., 1st Lieut. V. O. R. C.

- Shumaker, L. M., Avia. Sec. S. O. R. C. Skeels, Dorr A., Capt. Co. E, 10th Eng.
- Smiley, F. A., Sapper 8th Bat. C. R. T., Co. 4.
- Smith, Edwin Jas., Base Hosp., M. D. Corps. Stroh, Donald, Capt., 17th Cav.
- Taylor, O. A., 1st Lieut, V. C. N. A., U. S. M. P. O. 701.
- Tuthill, C. B. (with), 2d Lieut. O. R. C., 7th F. A.

Waffle, Ross W., Sergt. 1st Bat. Art. O. T. S. Yuhse, F. J.

1916

- Barron, Allen W., 1st Lieut. 1st Co. Inf., 160th D. B.
- Bates, Frank R., 1st Lieut. V. O. R. C., 184 S. Converse St.
- Beatty, E. E., Corp., Co. D, 310th Eng. Beden, Wallace S., 2d Lieut., 14th U. S. Inf. Betts, W. H., 16th Eng.
- Bottomley, Myrl E., 2d Lieut. Inf.
- Braun, Bruce E. (with), School of Mil. Aeronautics.
- Brown, W. B., 1st Co. Inf., O. T. S.
- Brownell, Stanley J., 1st Inf. O. T. S.
- Carey, Glenn W., 1st Lieut. Bat. A, 119th F. A.

Carrington, Harvey (with).

Childs, Francis M., 2d Lieut. O. R. C. Co. C, 328 M. G. Bn.

Clark, H. A., 2d Lieut. O. R. C. 328th F. A. Coburn, Laurance F., Navy.

- Cooper, Herbert G., 2d Lieut. 20th F. A.
- Couchois, Clifford, 1st Lieut. V. O. R. C., 328th F. A.
- Cowles, Howard E., 2d Lieut. O. R. C., Butchery Co. No. 306. Deprato, N. J., 2d Lieut. O. R. C., 328th
- F. A.
- Dunphy, Chas. B. (with), 1st Lieut. Aux. Remount Depot.
- Ferle, Allan W., 2d Lieut. O. R. C., Bat. F, 330th F. A.
- Gillett, Wallace H., Capt. 15th Cav.
- Gork, L. Henry, 1st Lieut. Co. H, 45th Inf. Gorton, Walter T., 1st Lieut. O. R. C., Ord. Dept.
- Goss, Henry A., 2d Lieut. Inf. Greve, L. T., Lieut. A. S. S. C.
- Hacker, F. G., D. E. C. N. A.



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Hamlin, E. G., 2d Lieut. O. R. C., Co. M, 166th Inf.

Helmer, P. F. (with), 2d Lieut. O. R. C., 328th F. A., Hdq. Co., 160 D. B.

Hobbs, Glenn I., Base Hosp

- Horan, H. J., 1st Bat. O. T. S. Hough, E. M., 2d Lieut. V. O. R. C., Ad-vance Base, Vet. Hosp. No. 1, U. S. A. P. O. 709.
- Howard, S. S. (with), Mess Sergt., Amb. Co. 351.
- Hutton, K. W. (with), 2d Lieut., Bat. B, 119th F. A
- Jensen, M. B., 2d Lieut. O. R. C., Q. M. C. Johnson, J. M., 2d Lieut. 3d Eng., Scho-
- field Bks. Johnson, C. H., 10th Eng., Co. B (For.).
- Johnson, C. H., 10th Eng., Co. B (For.). Johnson, R. J., Co. B, 29th Eng. Jones, Don F., 2d Lieut, Q. M. C., M. T. S., U. S. P. O. 706. Kelley, Wm. C., Co. D, 310th Eng. King, Carl B., 1st Lieut. U. S. R., Co. C,

- 312th Inf. Kinney, J. M., 4th Co., 1st Bn., 160th Depot
- Brig.

- Knickerbocker, W. G., 2d Lieut. Lankey, F. I., Cadet Avia. School. Lautner, R. W., Ord. School. Lyon, Albert C. (with), Bat. D, 328th F. Λ. Mac Innis, Leland O (with), Bat. C, 119
- F. A.
- McFarlane, Frank C. (with), Sergt. 4th Bn., Co. D, 20th Eng., Am. Univ. Maze, J. M., 2d Lieut. U. S. F. A.
- Miller, Blake, 1st Lieut. Inf. O. R. C., Co.

A, 330 M. G. Bn. Morrison, V. N., Co. B, 16th Eng. (R. R.). Moore, J. M., 2d Lieut, S. R. C., Hdq. Kelly Field.

- Nichols, C. A., Sergt. Co. F, 4th Bn., 20th
- Eng. (For.). Oakes, H. G., 2d Lieut, O. R. C., 309th Eng. O'Callaghan, John, 1st Lieut. 339th Inf.,
- M. G. Bn.
- Olsen, O. A., 2d Lieut. Supply Co. 302, Q. M. C.
- Pellett, G. W., 1st Bat. O. T. S.
- Peabody, Ford, Co. E., 338th Inf. Procter, Chas. C. (with), Co. 15, Naval Avia. De. M. I. of T. Pierce, S. S., U. S. N. R. F.
- Ralya, Lynn.

- Richards, Harry, Co. F, 337th Inf. Robinette, A. B., Gen. Hdq. Bn. Ricker, F. G., A. S. S. C. 61 Sqdn.
- Runnells, R. A., 1st Lieut. V. R. C., Aux. Remount Depot.
- Sales, E. K., 1st Lieut. V. R. C., Remount Sta. L. of C.
- Sears, Lucius D., Photo Detach.
- Silverman, Roy (with), Walter Reed Gen. Hosp.

- Smith, E. G., Capt. 11th M. G. Bn., Co. C. Smith, G. E., 30th Co., 8th Tr. Bn. Spencer, Earl H., Capt. Reg. Adj. 119 F. A.
- Stanley, L. R., 1st Co. O. T. S.
- Thomas, Walter P., 2d Lieut. F. A.
- Thompson, C. E., Co. A, 21st Eng.
- Thompson, F. B., Avia. School. Tower, P. V., Corp. Bat. A, 119th F. A. Townsend, I. W. (with), Kelley Field No. 1,
- S.
- Warren, G. Ray, Base Hosp. 35, M. R. C.
- Waters, C. B., Co. G, 310th Am. Tr. Weaver, Lloyd L., U. S. S. C. Meteor Ser.
- Wheeting, L. C., 1st Co. Inf., O. T. S.
- Williams, Loren V., 1st Co., O. T. S.
- Wilson, L. E., Asst. Insp. of Ord.
- Wright, Wilbur, Avia. Concentration Camp. Winston, C. N., Capt. Wyant, R. W.

1917

Allen, Don M. (with), Bat. A, 119th F. A.

- Anderson, Wm., Co. D, 126th Inf.
- Bailey, D. L. (with), Asst. Chaplain, Bat. F,
- 329th F. A. Barnett, C. F., 1st Co. Inf. O. T. S.
- Bartlett, Herbert C., 2d Lieut. C. A. C., Quarters 4.

- Bayer, A. H., Sergt. Co. M, 303d Inf. Beake, Kenneth G. (with), 2d Lieut. Billings, R. W. (with), Co. A, 10th Eng. (For.)
- Bolton, R. B., 2d Lieut. V. R. C., 302d F. A. Brook, Glenn J. (with), Sergt. Bat. C,
- 119th F. A. Burgett, C. S., 2d Lieut. V. O. R. C., Remount Station No. 320.
- Cadmus, R. L., Detention Co. 4.
- Campbell, Harry L., 2d Lieut. C. A. C., 1st Training Co.
- Canfield, C. J., Aux. Remount Depot.
- Canfield, Harold, Co. C, 328th M. G. Bn. Carlson, E. F., Arsenal.
- Cashin, Raymond, 2d Lieut. F. A.
- Chaddock, Frank G. (with), Capt. 119 F. A. Clark, W. J., 1st Bat. F. A. O. T. S.
- Chynoweth, J. B. (with), 2d Lieut. Inf.
- Cleveland, L. K. (with), 16th Eng.
- Clemetsen, Harold A., 2d Lieut. O. R. C., Co. B, 328th M. G. Bn.
- Colson, Axel A. (with), Amb. Co. 339.
- Collins, G. C.
- Crocker, E. S., Sergt., 119th F. A.
- Crozier, C. R., 2d Lieut. I. R. C. Casual.
- Dettling, Geo., Co. E, Pub. Works, U. S. N. T. S.
- Dicker, G. G., 2d Lieut. O. R. C., Co. C, 101 M. G. Bn., Inf. unattached.
- Donnelly, C. H. (with), 1st Lieut. Bat. A, 119th F.





Dwight, S. H., Corp. Amb. Co. No. 168, Dwight, S. H., Corp. Amb. Co. No. 168, 117th San. Train., 42 Div, England, Fred, Jr., 1st Bat. O. T. S. Eppley, Claude (with), 601 U. S. A. A. S. Estes, H. R., 1st Co. Inf. O. T. S. Fick, H. A., M. S. T. 409 M. T. C. 375. Fisher, C. U. (with), 2d Lieut. U. S. F. A.

- Foess, J. E. J., Co. C, 1st Bn., 20th Eng.
- (For.). Galliver, Geo. F., E. O. C. N. A. U. S. Ar-
- senal. Galloway, John F. (with), Sergt. Co. A,
- 339th Inf. Gibbs, R. T. (with), Co. 5 Eng., R. O. T. C.

Gifford, Neil A., 1st Bat. O. T. S. Gould, Russell (with), 57th F. A., Bat. Hdq.

Hamann, E. C. (with), 1st Lieut. Hdq. Co., 119th F. A.

Hardy, Harold D., Sergt. Supply Co., 329th Inf.

Harman, S. Willard, Hosp. Co. C-1, G. L. N. T. S.

Hausherr, F. E., Hdq. 6th Bn., 20th Eng.

Hebard, C. E. (with), M. O. R. C. Hehn, F. G. (with), 2d Lieut. F. A. Henning, R. B., 1st Lieut. 16th F. A. Henshaw, G. J., 3d Co., S. O. R. C. T. C.

Hetrick, R. E. (with), Hdq. Bn., Gen. Hdq.

Himebaugh, Gero A., Flying Cadet, Rich Field.

- Hobbs, Fred, U. S. S. Mass. Hodgkins, P. M., 20th Eng. (For.), Co. E, 6th Bn.
- Huebner, Herbert C. (with), 2d Lieut. A. S. S. R. C.

Huss, E. M. (with).

Ingells, G. D. (with), Corp. Ord. Cps. Jennings, L. S. (with), 1st Bat. O. T. S. Keck, Wm. C., 2d Lieut. V. R. C., Hdq. 3d Div.

Knox, J. S. (with).

- Kunze, E. F., 2d Lieut. V. R. C., 310th Eng. Leavitt, L. R., 2d Lieut. Inf., O. R. C., Co. B, 329th M. G. Bn.
- Lee, S. B., 2d Lieut. O. R. C., Co. C, 310 Am. Train.

Am. 1ram. Levin, Louis F., 1st Co. O. T. S. Lloyd, B. W., U. S. N. R. Lyon, M. S. (with), Corp. 16th Aero. Sqdn. McClellan, A. L., 2d Lieut., S. M. A. McClure, B. M., 2d Lieut. 8th Inf., Co. B. McLean, H. P., Sergt. Supply Co., 328th F A.

F. A. Maire, A. L., Ord. Office.

- Manuel, E. J. Marx, F. W., 2d Lieut C. A. C., 5th Co.
- Mead, D. L., 2d Lieut. O. R. C., Co. K, 337th Inf.
- Medalie, Sidney (with), 328th F. A., Hdq. Co.
- Miller, Geo. F., Yeoman 2C, U. S. Navy Aero. Sta. Squad. II.

Moon, C. L. (with), 1st Lieut. Newlon, Wilson E., Mess Sergt., Co. L, 338th Inf.

Niergarth, O. (with). Olney, J. F., 2d Lieut. V. O. R. C., M. O.

т. с.

O'Meara, Percy, Co. C, 338th Inf. Pate, Ed. H., S. C.

Pennington, R. A., Weather Bureau. Peppard, David L., Co. D, 7th Regt. Pinckney, E. W., K. T. Hosp. Corps.

- Pino, Otto W., Supply Sergt., Co. C, 338th Inf.
- Prillerman, D. M., 1st Sergt. 349 F. A., Hdq. Co.
- Putnam, H. N., Sergt. Co. B, 10th Eng. (For.)
- Rasbach, J. B., 2d Lieut, 16th F. A. Rather, Howard C., 1st Bat. F. A. O. T. S. Rowan, W. H. (with), Electrician, 228 Aero.
- Squad., A. S. S. C Schneider, Corwin J. (with), 1st Lt. 1st Bn.,
- 119th F. 119th F. A. Sheehan, R. W., Chief Electrician, U. S. S.
- Indiana. Sheffield, Arthur R., 2d Lieut., Bat. C, 329th
- F. A.
- Sheldon, J. F., 3d Cl. U. S. N. R. F. Sheppard, Wm. H. (with), Naval Av. Detachment.
- Smith, H. G., 2d Lieut. O. R. C., 168 Inf., Co. B.

- Spaford, Frank, Co. B, 328 M. G. Bn. Spinning, G. W. (with), O. T. S. Stafford, F. W., 2d Lieut. O. R. C., 162d Inf.
- Stafseth, H. J., Hdq. Troop 85 Div.
- Stewart, H. C., Ord. Tr. School.
- Sullivan, Richard P., U. S. Navy, Tarpinian, M. S., Army Med. School.
- Thompson, P. E., Sergt. Amb. Co. 338.
- Thompson, Wm. D., 1st Lieut. 2 M. G. Co.,
- M. G. Bn., 1st Brig. 1st Div. Turner, A. L., 2d Lieut, O. R. C., Co. B,
- 37th Inf.
- Twiss, C. G. (with), Bat. F, 336 F. A. VanHalteren, Frank E. (with), 1st Lieut.
- Hdq. 57 F. A.

VanBuskirk, Wm. F., 3d F. A. O. T. S. Verschoor, Leonard H., 2d Lieut.

- Vevia, Paul J., 2d Lieut. O. R. C.
- Walter, R. D., 1st Bat. O. T. S. Warner, F. T., 2d Lieut. F. A. R. C.
- Warner, H. R. (with), Co. 15, Naval Avia. Detachment, M. I. T.
- Washburn, Chas., O. E. C. N. A.
- Weil, Norman O., Sec. 508 U. S. A. A. S.
- Whalen, F. J., Arsenal, Augusta, Ga. Wilson, L. M., Supply Sergt. Co. E, 337th
- Inf. Wilson, F. M., 1st Bat. O. T. S.





Wright, Walter R., Capt. Inf. O. R. C., 160th Depot Brig.

WITH 1918

Abbott, H. K., Co. D, 163 D. B.

Alford, Howard E., Corp. Co. C, 328th M. G. Bn.

Andre, Robt. M., 2d Lieut., 304 M. G. Bn. Barrell, C. L., G. L. N. T. S. Bartlett, H. J.

- Bartley, Hugh J., 1st Co. O. T. S. Beauchamp, M. F., Navy. Beers, C. W., Bat. A, 119th F. A. Behler, Harold, Co. M, Naval Operating Base.
- Bellinger, Burdette W., 2d Lieut. O. R. C., Hdq. Bat. 330 F. A.

Beltz, Harold H., Bat. A, 119th F. A.

- Benjamin, Lester V., 2d Lieut. O. R. C., Q. M. Corps.
- Bentley, Geo. T., 2d Lieut. Inf. U. S. P. O. 730.

- Brigham, E. K., Sec. 559, U. S. A. A. S. Boman, W. C., Camp McArthur, Tex. Brooks, Chas. I., U. S. Naval Radio School, Co. 30.
- Brownfield, Carl M., 2d Lieut. O. R. C., 337th Inf., Hdq. Co. F. Bugai, W. J.

Cavanagh, Dwight C., Sergt. Hdq. Co. 310th Eng.

Carmody, M. F. Cark, Edw. R., A. S. S. C. Clark, Edw. R., A. S. S. C. Chapman, W. A., 1st Bat. O. T. S. Clark, Geo. S., Aviation Corps. Clark, Roger S., Co. C, 310th Eng.

- Corbett, J. A., Sergt. Co. D, 328 M. G. Bn. Coryell, S., 2d cl. seaman, N. R. R. Corson, Wm. A., 2d Lieut. O. R. C., F. A.

Crocker, Martin, Co. H, 23d Eng.

- Daschner, T. J., 2d Lieut. O. R. C., 337th Inf., Co. L.
- Daugherty, Burton P., Pharmacist and Pathologist, U. S. H. S. Solace, care Postmaster.

DePuy, H. E., Co. M, 338th Inf.

- DeYoung, Warren E., Sergt. R. O. T. C., Eng.

- Donovan, Wm., Base Hosp. No. 17. Earseman, Willis C., Co. F, 112th Inf. Eddy, H. J., Amb. Co. 351. Emerson, D. D., 5th Prov. Aero. Sqd., Kelly
- Field, S.

Engel, Chas. M., Bugler, Bat. A, 119th F. A. Esselstyn, Frank H., Bat. C, 119th F. A. Finch, E. J., 1st Lieut., 54 Pioneer Inf.

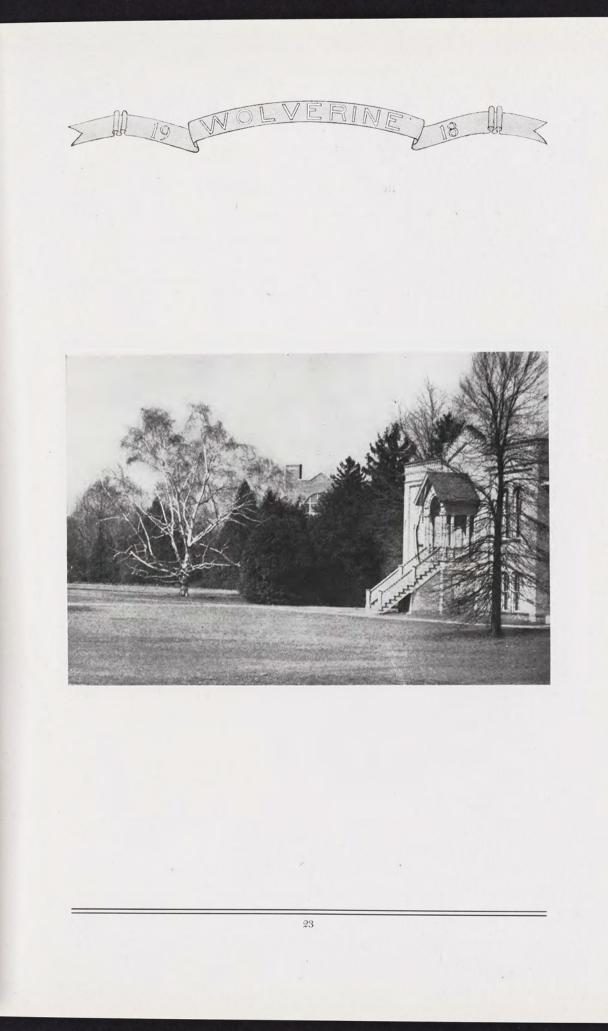
Fitzpatrick, F. W., Aero. Q. M. Depot. Foster, T. F., Sergt. Co. C, 310th Eng.

Frazier, W. E., Sergt. Co. D, 328th M. G. Bn.

- Furlong, Harold A., 2d Lieut. O. R. C., Co. M, 353d Inf.
- Gilchrist, M. F., Co. C, 10th Eng. (For). Glohr, Charles E., Q. M. C.
- Goldberg, Louis, Supply Sergt., Co. G, 305th Am. Train.

- Haight, Howard P., Hdq. Co. 145th Inf. Hale, Ralph D., Bat. C, 119th F. A. Hale, Herman B., 2d Licut. Bat. E, 119th
 - F. A. Harris, L. C., 119th F. A.
 - Harris, Wayne G., Casual Det., Prov. Co. 1. Heasley, Roy M., 2d Lieut. O. R. C.
 - Heustis, W. Clifford, 2d Lieut. O. R. C.,
- Bat. E, 328th F. A. Hice, L., K., Bat. C, 119th F. A. Hiller, Clarence, 2d Lieut. Hdq. Co., 18th Inf.
- Hopperstead, A. M., 23 Eng., Recruiting Detachment.
- Hoyt, W. J., 1st Lieut. O. R. C., 2d Co., 1st Bn., 1nf., 160th Depot Brig. Hughes, Leslie, 14th Co., 4 Bn., Depot Brig. Jacklin, J. H., Great Lakes, Ill., Q. M. School.
- Jameson, H. B., Avia. School, Jewett, M. G., 2d Lieut. O. R. C., 328th F. A.
- Johnson, Einar A., O. T. S., 1st Co. Inf.
- Joel, A. H., Sergt., Co. E, 314th Inf. Johnson, Frank A., Hdq. Co., 119th F. A.
- Johnson, S. E., National Army.
- Jones, L. N., Capt. O. R. C., Bat. Adj. 330th F. A.
- Kinney, R. C.
- Klotz, L. J., Base Hosp.

- Kent, D. W., Co. 1 Inf., O. T. S. Koleman, N. D., Sergt. Bat. C, 119th F. A. Krebs, H. M., Sergt., 310th Supply Train, Co. C.
- Krum, Howard E., Aviation.
- Kuyers, Harry R., Boatswain's Mate, 1st class, G. L. N. T. S. Lauder, W. J., Ord. Corps.
- Lawton, G. L. 2d Lieut, O. R. C., Hdq. Co., 304 F. A.
- Leveaux, Cosmer, Bat. A, 119th F. A.
- Lockwood, C. F., Corp. Ludwig, V. H., Sergt. C. C, 320 Inf.
- Love, Ray H., Supply Co., 337th Inf.
- MacKenzie, S. W., 2d Lieut. U. S. A., Co. E, 14th Inf.
- McCool, P. F., Co. 27, Ord. Dept. Jefferson Bks.
- McIntyre, A. C., 337th Inf., Co. I.
- Maloney, C. V., Corp. Hdq. Det., 310 Sup. Train.
- Maxfield, Geo. G., 2d Lieut. O. R. C.
- Merriman, G. E., Ord. Sergt., E. O. C. N. A. Metzgen, Earl N., 48th Aero. Squad. Air Service.





Millard, Forrest G., 84th Aero, Squad., A. S. S. C.

Miller, C. F., 2d Lieut. O. R. C., 169th Brig 338th Inf.

Mills, Harold N., Corps. Co. F, 310th Eng.

Mills, W. D., 2d Lieut, Inf. (unassigned). Monroe, Geo. S., Sergt. Bat. F, 119th F. A. Mooney, Arthur V., Corp. Bat. A, 119th

F. A. Morrison, D. E., 6th Co., R. O. T. C.

Newhall, Jas. F., Corp. Amb. Co. 339, 310 San. Tr.

Nicol, Thos. J., Co. E, 338th Inf.

Ode, Francis, Co. C, 310th Eng.
Orcutt, B. F., 2d Lient, O. R. C., 328th F. A., 160th Brig.
Pancost, M. H., U. S. S. Antigone, Radio.

Parks, Harold, 1st Lieut. O. R. C., Co. H, 125th Inf.

Parkyn, Percy J., Hdq. Co. 310 Eng.

Piatt, Maurice, Army Hosp. No. 3. Plumley, R. G., 2d Lieut, O. R. C., 39th U. S. Inf.

Putnam, Harold A., Mil. Postal Clerk. Quigley, W. A. L., Navy. Retzlaff, Walter G., M. E. Shop Ord., Co. M, 163 D. B., 2d Bn.

Raven, Robt., Lieut. O. R. C., Co. H, 161 Inf.

Rose, Jno. S., Bat. A, 119th F. A. Rudelius, E. A., 2d Lieut. U. S. Prov., 44th

Ribgy, C. P., Sergt. 112 Amb. Corps, 103 San. Tr.

Rust, W. H., 2d Lieut. O. R. C., 162 Inf.

Sargent, Stanley, Sergt. 126th Inf.

Sawall, A. R., U. S. S. Iowa.

Schneider, B. L., Sergt. Co. 8, 2d Bn., 160th Depot Brig.

Schneider, Louis S., Co. A, 310th Eng.

- Shumway, G. C., 1st Lieut. F. A. Silcox, C. N., 2d Lieut. School of the Line, C-11.

Spaulding, F. F., Bat. A, 328 F. A.

Speltz, A. F., O. T. S.

- Spencer, Jas., Sergt. Co. A, 340th Inf.
- Springer, Harold A., 125 Inf. Sup. Tr.
- Stevens, J. Harold, Sec. 601 U. S. A. A. S.
- Strauss, Carll H., Sergt. Co. F., 338th Inf. Strope, R. G., 2d Lieut. 119th F. A., Hdq.
- Co.
- Sweeney, R. C., Ord. Supply Schoot, 16 Ord. Depot Co.
- Sweeney, D. C., 1st Bat. O. T. S.
- Thompson, Harry E., Bat. A, 119th F. A. Thayer, H. F.
- Tobey, Julian E., Bandsman, U. S. S. Illinois.

Townley, Neal R., Sergt. 315 Amb. Co. 304 San. Tr.

Tiedemann, G. W., 23d Eng. Co. K.

- Van Leeuwen, Earl, 2d Lieut. Co. M, 338th Inf.
- Walker, Richard, Co. 30, G. L. N. T. S. Warren, Carl, Corp. 119th F. A. Hdq. Co.

- Weckler, Harry A., 2d Lieut, O. R. C. Wellman, Stanley F., Aero. Qm. Depot. Wernette, D. L., 2d Lieut, U. S. R., Inf. Wildern, Frank H., 1st Co. O. T. S.
- Wilson, G. S., Co. D, 338th Inf.
- Willman, W. K., Sergt. 310th Eng. Co. D. Wilkinson, John E., Ord. Sup. Sch., 16th
- Ord. Depot Co. Williams, W. B., 2d Lieut, U. S. R., 20th
- F. A.
- Wrench, H. K., 2d Lieut. O. R. C., 337th Inf., Co. M.

Yonkman, N. F., 1st Bat, O. T. S. Zehner, F. B., Navy, Zimmerman, L. W., U. S. S., Mass, Zuver, Glenn, Amb. Co. 351.

WITH 1919

- Adams, H. R., Bat. C, 119th F. A.
- Arthur, C. S., Corp. 635 Aero. Squad. Barger, Wm. R., Bat. A, 119th F. A. Bates, J. C., 2d Lieut. O. R. C.

- Bellingham, J. W., Bat. B., 6th Regt. C. A. C
- Bennett, Guy R., Bat. C, 307 F. A. Benedict, G. R., N. R. R.
- Blacklock, Hugh, Co. 30, G. L. N. T. S. Brown, L. D., 1st Bat. O. T. S.
- Burlington, Caryl, Corp. Co. C, 328th M. G. Bn.

- Carlson, E. W., Co. A, 310 Eng. Carver, Francis T., U. S. S. Iowa, Cheetham, W. J., O. T. S., 1st Inf.
- Chamberlain, Wheelock, Sergt. Hdq. Co., 123d H. F.
- Clinton, Frederick A., San. Det. 102d Inf., 26th Div., 51st Brig.
- Clark, R. R., Det. Div. A. O. B. D. F.
- Cottle, Louis E., Office Workers, No. B, Block B14.
- Crandall, C. R., Const. Co. Bricklayers No. 1, A. M. D.
- Davis, Leon L., Amb. Co. 2.
- Demmon, R.
- Donovan, J. B., 52 Aero. Const. Squad. Air Service.
- Durbin, Earl T., 82d Co., 6th Regt.
- Freeman, H. A., 1st Bat. O. T. S.
- Freshwaters, M. R., 119th F. A.
- Funke, Carlyle, 4th F. A., Bat. C.
- Gardner, I. G., 2d Co., C. A. C.
- Gardner, Lee S., Line 132.
- Ginter, P. L., 20th Eng. (For.).
- Gleason, B. F., Corp. Co. H, 337th Inf.
- Gensburg, J. C. Gordon, Max, Bat. F, 328th F. A.





Grev, Allen J., Co. A, 310th Eng.

Grey, Allen J., Co. A, 310th Eng. Harman, Milton M., Co. C, 11th Regt. Hosp. Corps, G. L. N. T. S. Harper, H. M., 2d Lieut. O. R. C., Q. M. C. Hawley, E. M., 1st Co. Inf. O. T. S. Hinkle, O. N., 1st Sergt. Wagon Co., No. 1, 310th Am. Train. Haward Y. M.

Howard, V. M.

Hoxsie, L. D., N. R. R., 2d Cl. Seaman. Hunt, A. N., 1st Lieut.

- Jarm, Wm. E., Bat. C, 119th F. A. Jarvis, H. C., 2d Lieut. 119th F. A., Hdq.
- Co.
- Jewett, A. W., Jr., 2d Lieut. 341 Inf.

Jolley, Clare F., 1st U. S. A. Evacuation Hosp.

Kildoo, G. W., 122d Aero. Squad., Field No. 2.

Koepnick, P. W., National Army. Lemon, Paul H., Bugler, Co. K, 23 Eng.

Liddicoat, R. J., 1st Bat. O. T. S.

Lindemann, M. C., Bat. B, 119th F. A. Livingston, Geo. A., Sergt. Bat. A, 119th

F. A. Lloyd, Merle C.

- Loree, H. G., Bat, B, 119th F. A. Malloch, W. F., Co. K, 23 Eng. Maitland, R. M., Field Hosp. 35, Camp Greenleaf

March, H. B., Sergt. Co. A, Band Director, 21st Eng.

- Markley, Ernest L., Bat. A, 119th F. A.
- Matthews, A. A., Bat, B, 119th F. A. Menkee, Ernest, 1st Bat. O. T. S.

McClung, Donald, Hdq. Co., 18 F. A. Miller, Warren R., Co. F. 13th Depot Brig. Mills, D. S., Amb. Co. 315, 304th San. Train. Mitchell, R. K., 2d Lieut. Inf.

Moran, A. C., Corp. Co. C, 313 F. S. Bu.

- Oldenburg, H. C., Lieut. Bat. D, 119th F. A. Peterson, T. E., 2d Lieut. O. R. C., M. G. Co., 41st Inf.
- Co., 41st Int.
 Pettigrove, H. R., 2d Inf., O. T. S.
 Post, Robt. E., Bn. Sergt. Major, 324 Aero.
 Squad. Kelly Field No. 1.
 Pressley, Lester, Co. A, 29th Eng., Topo List Discusses Sast
- graphic Div. Intelligence Sect.

Read, M. W., 23d Eng. Reed, M. L., Post Laundry.

Reeves, M. A. R., 2d Cl. Seaman, N. R. R.

Ricercs, Mr. M., Corp. 337th Inf., Co. I. Roblin, Robt. T., Co. G, 337th Inf.

- Robertson, J. M., 310th Am. Train., Cais. Co. E
- Rowland, Arthur A., Co. C-2 Hosp. Sch. Russell, F. G., Royal Flying Corps, Cana-

dian Army. Sayres, Howard H, 1st Co. Mil. Police.

Skiver, C. E., 99th Aero. Squad.

Smith, B. F., Co. G, 338th Inf.

Smith, Paul P.

Stevens, Wm. H., M. C., 106th F. A.

- Stillwell, W. G., 2d Lieut. Hdq. Co. Stover, C. M., 124th Co., 9 Regt., Marines. Taylor, B. F., Sergt. Maj. Hdq. Co., 145th
- Inf. Thomas, W. F., Co. A, 29th Eng., Intel. Sect. Topo. Div. Trull, Frank W., Co. 1, O. T. S.

- Tucker, L. H., O. T. S. Tucker, L. H., O. T. S. Utley, Fred H., Avia. School, VanArk, Jas. F., Bugler, Co. I, 23d Eng. Vandervoort, A. D., 1st Lieut. State Constabulary.
- Vollmer, G. C., 1st Bat. O. T. S.
- Wilcox, Culver D., Musician 2d Cl. U. S. Submarine Base.

Williams, Garth J., Co. A, 337th Inf.

Welsh, M. F., 2d Bn., 8th Co., 160th Depot Brig. Yull, P. C.

WITH 1920

Allan, Geo., Co. L., 342d Inf.

Bacon, Howard C., Co. G. Baker, Hermon J., Corp., Co. G, 338th Inf.

Bartells, Gus, Co. C, 338th Inf. Bauer, Harold H., Sec. 600, U. S. A. A. S.

Blatchford, R. F., Sergt. Hdq. Co., 119th

F. A.

Brown, Edwin, Navy.

Burge, F. L., Corp., Co. C, 337th Inf. Cull, Arthur M., Sec. 600, U. S. A. A. S.

- Dakin, J. B., Bat. C, 119th F. A Dana, F. G., Corp., 119th F. A Λ.

Delamarter, Arthur, Co. 85

Dunn, R. E., Bat. C, 119th F. A.

Fisher, R. A.
Gray, R. F., 2d Cl. Seaman, U. S. N. R. R.
Hamilton, Merlin J., Bat. A, 119th F.
Hamilton, Merlin J., Bat. A, 100 per Co. 59

Hughes, Franklin E., A. S. 2d Rgt., Co. 59, U. S. N. T. S.

Ketchum, W. J., 23d Eng. Leiser, Henry H., Co. B, 7th Eng.

Lord, Edwin, 1st Trench Mortar Co., Bat. C.

Ludwick, J. U., Bat. F, 328th F. A.

Lutz, Wm. B., Bat. A, 119th F. A. Latz, Wm. B., Bat. A, 119th F. A. March, C. M., 21st Eng., Co. C. Miller, Walter F., Sergt. Mutch, Jas. T., National Army. Myers, Edwin K., 4th Evac. Hosp. M. O. T. C. Comp. Computer

C., Camp Greenleaf. Paton, R. A., Bat. C, 328th F. A.

Pekuri, Andrew H., Co. E, 310th Eng. Pelton, H. J., Radio, U. S. S. Minn.

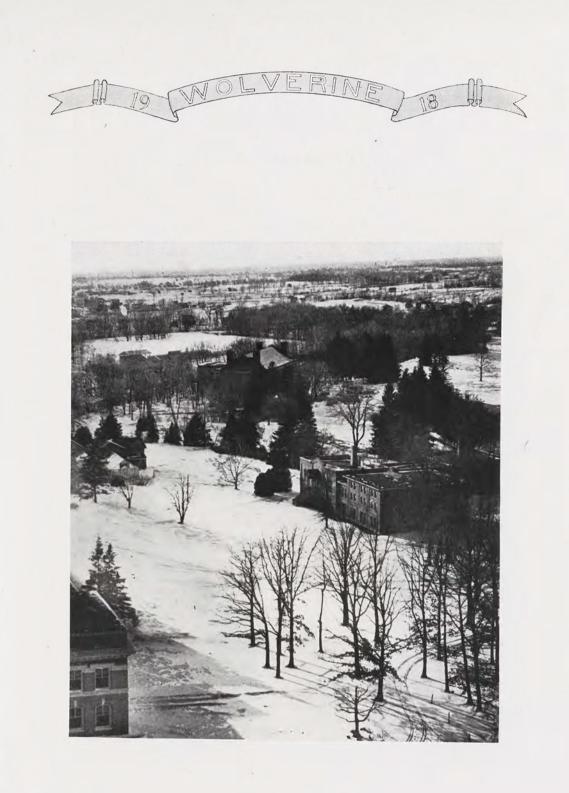
- Potter, Chas. K., Co. J, 2d Regt., Bks. 230 North.
- Potter, Neal D., Co. J, 2d Regt. Bks. 230 North.

Roblin, Robt. T., Co. G, 337th Inf.

Schultz, A. E., A. S. S. C., Sec. 602, En. 16.

Sheffield, Lloyd A., Co. F, 310 Am. Tr.

- Shepard, D. T., 1st Bat. O. T. S.
- Stitt, M. D., Signal Co., N. T. S.





Stoddard, A. E., 116th Co., U. S. M. C. Tobey, Arthur, Band Hdq. 340th Inf.

- Trownsell, Theodore, 1st Trench Mortar Co., Bat. C.
- Uren, Richard E., Bandman, Hdq. Co., 337th Inf.

Wakefield, M. H.

- Webster, Dale W., Co. F, 310 Am. Tr. Weckler, Chas. A., N. T. S., Signal Co.
- Woodworth, S., Detroit Hosp. Unit.

1921

Ash, M. M., Avia. Sec. Ericson, Helmar V., Coast Art. Hovt, Victor H., Aero. Service. Kerbyson, E.C., National Army. LaFond, I., A., Hdq. Co., 337th Inf. Mead, Walter J., National Army. Miller, Raymond L. Pritchard, F. S., Coast Art.

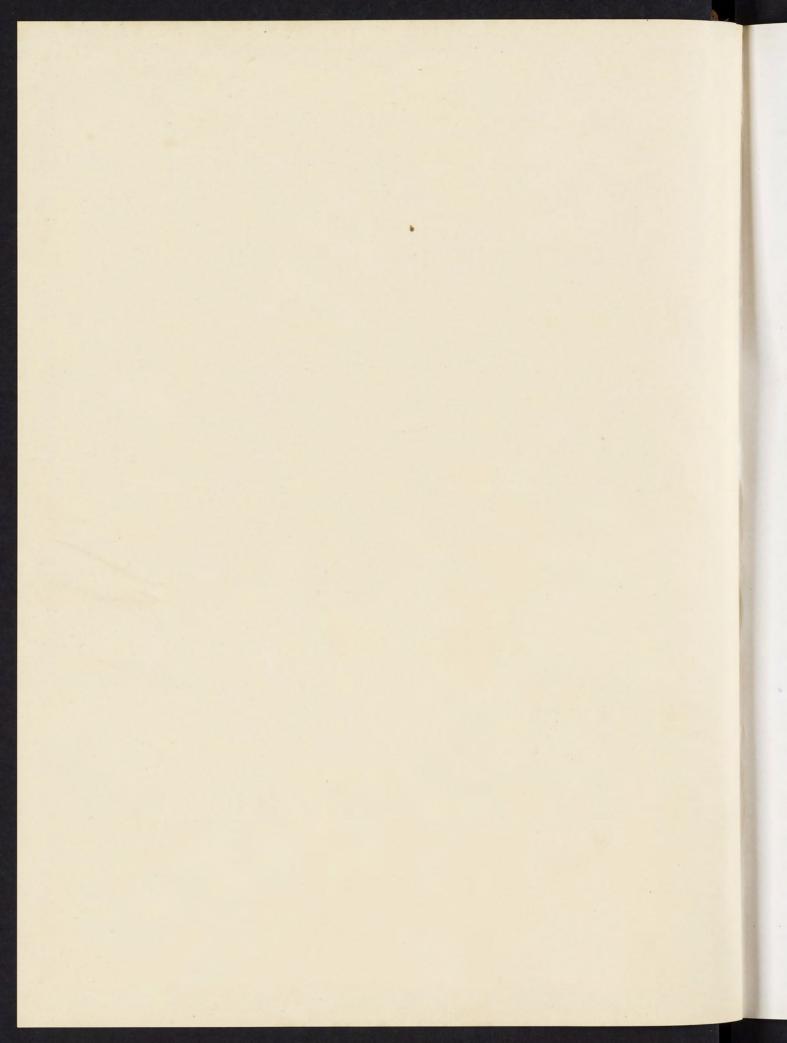
MISCELLANEOUS

- Eldred, M. A., S. C. '15, Co. 4, 310th Sup. Tr.
- Falvay, D. K., S. C. '14. Fenn, Warren J., S. C. '16, Co. C, 328th M. G. Bn.

- Gilmore, H. N., Sp. '12-'13, Sergt. Band Hdq. Co., 328th F. A.
- Headworth, Lawrence M., S. C. '16-'17, Sec. 602, U. S. A. A. S. Howland, Arthur, S. C. '13, Co. M, 310th
- Eng. Huddleson, I. T., p. g. '17-'18, Camp Green-
- leaf.
- Jenkins, Chas. B., S. C. '16-'17, Co. C, 310th Eng.
- Julian, J. F., S. C. '16, U. S. N. Radio School, Co. 31.
- King, Karl S., S. C. '12-'13, Co. M, 337th Inf.
 Kress, Leo S., S. C. '10-'11, Sup. Co., 329th
 F. A.
- Lindstrom, Arthur I., S. C. '12, Co. G, 337th 1nf.
- Murphy, C. F., p. g. '17-'18, Recruit Co. C, 4th Tr. Bn., 155 Depot Brig. Oviatt, Milo H., S. C. '13-'14, O. T. S.
- Page, R. R., Sum. Sch. '15, Lieut. O. R. C. Pattison, J. Ford, S. C. '12-'13, Sergt., Co. F, 310th Eng.
- Vear, Leonard, Sp. '17.
 Wallace, Wm. H., Jr., Sp., U. S. S. Lady Mary, S. P. 212, U. S. N. R. R.
 Whidden, Raymond A., S. C. '16-'17, Co. E, 112th Am. Tr.



FACULTY





State Board of Agriculture

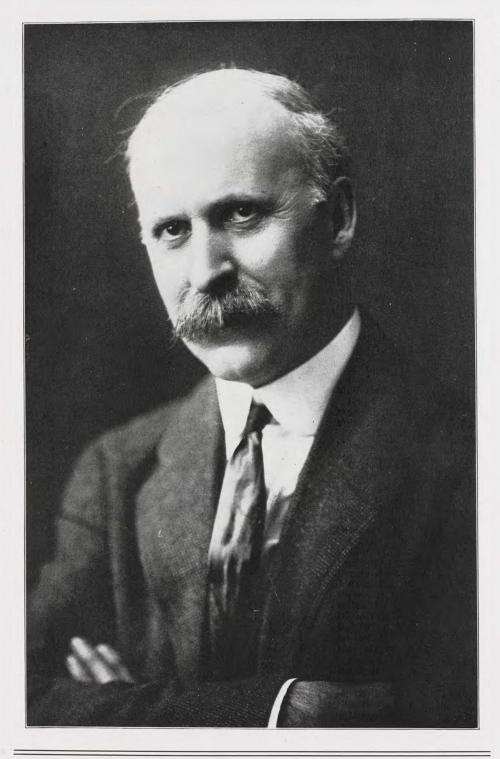
HON. JASON WOODMAN, Paw Paw HON. JOHN W. BEAUMONT, Detroit HON. ROBERT D. GRAHAM, Grand Rapids HON. ALFRED J. DOHERTY, Clare HON. WILLIAM H. WALLACE, Saginaw HON. I. ROY WATERBURY, Detroit HON. FRED L. KEELER, Ex-Officio, Lansing FRANK STEWART KEDZIE, Ex-Officio, Presiding Officer ADDISON M. BROWN, East Lansing, Secretary BENJAMIN F. DAVIS, Lansing, Treasurer



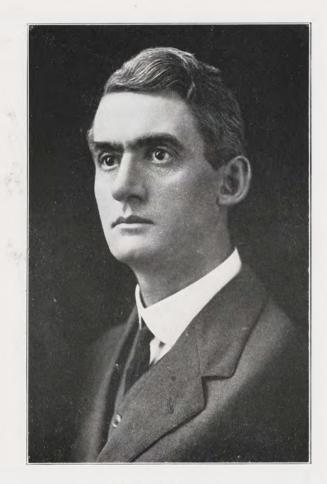
FRANK STEWART KEDZIE, D.Sc., President

Frank Stewart Kedzie was born in Vermontville, Michigan, in 1857, and has lived on the Michigan Agricultural Campus since 1863. He was graduated from the College in 1877 with the degree of B.S. Entering the teaching force of the College in 1880, he rose through the successive grades of instructor, assistant professor, adjunct professor and finally professor of chemistry. In 1912 the College conferred upon him the degree of D.Sc., and in 1915, following the resignation of Dr. Jonathan Lemoyne Snyder, the State Board of Agriculture prevailed upon Dr. Kedzie to become acting president until a man could be found for the office. On March 5 of the following year the College sustained a severe blow through the loss by fire of the entire Engineering plant. It was here that Dr. Kedzie's ability and forceful leadership were demonstrated and within a few weeks the State Board of Agriculture announced that Frank S. Kedzie was the new president of M. A. C. Under the able guidance of President Kedzie the College has completely recovered from the fire losses of 1916 and now, with new and modern equipment in all of the departments, it enters upon an era of constructive service to the state in which the best traditions of the Michigan Agricultural College are bound to be surpassed.







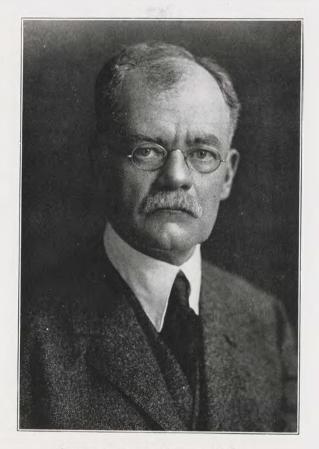


R. S. SHAW, B.S.

Dean of Agriculture and Director of Experiment Station

B.S. degree from Ontario Agricultural College (affiliated with Toronto University) 1893; Manager Riverside Stock Farm, Ontario, Canada, 1893-1898; Professor of Agriculture and Agriculturist of the Montana Agricultural College and Experiment Station, 1898-1902; Professor of Agriculture and Live Stock Experimenter, Michigan Agricultural College and Experiment Station, 1902-1908; Dean of Agriculture and Director of Experiment Station, Michigan Agricultural College, 1908.





GEORGE WELTON BISSELL, M.E.

Dean of Engineering

Sibley College, Cornell University, 1888; Instructor in Experimental Engineering, Sibley College, 1888-1891; Assistant and Professor of Mechanical Engineering, Iowa State College, 1892-1907; Vice-Dean of Engineering, Iowa State College, 1905-1907; Dean of Engineering, Michigan Agricultural College, 1907—. Member American Society of Mechanical Engineers, Chairman of Detroit Section, 1917-1918; Detroit Engineering Society; Michigan Engineering Society, President 1917; Society for the Promotion of Engineering Education (Council 1899-1902, 1910-1913); Society for the Promotion of Industrial Education; Land Grant College Engineering Association, Secretary 1914-1915, President 1916; Chairman Michigan State Board of Boiler Rules, 1917-1918.

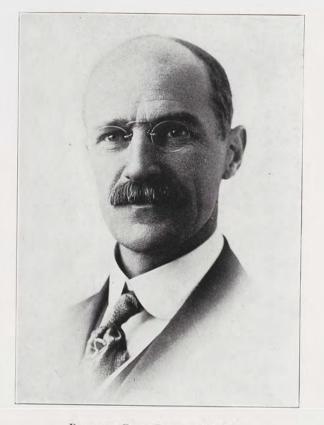




GEORGIA LAURA WHITE, Ph.D., Dean of Home Economics

Graduate of Lake Erie Seminary, Painesville, Ohio, 1894; A.B., Cornell University, 1896; Student at Halle-Wittenberg University, Halle a/S, Germany, 1899-1900; Ph.D., Cornell University, 1901; Teacher High School, New Castle, Indiana, 1896-1898; Teacher Walnut Lane School, Germantown, Pennsylvania, 1901-1903; Instructor in Economics and Sociology; Smith College, 1903-1905; Associate Professor in Economics and Sociology, Smith College, 1905-1911; Dean of Women, Olivet College, 1911-1913; Dean of Home Economics and Dean of Women, Michigan Agricultural College, 1913—. President of Michigan Home Economics Association; Member of Michigan Woman's War Board; Home Economics Director of Food Administration for Michigan ; Vice-Chairman of Woman's Committee of Counsel of National Defense, Michigan Division, and Chairman of the Department of Food Administration and Home Economics; Member of Alpha Phi Sorority; President of Grand Council of Omicron Nu.



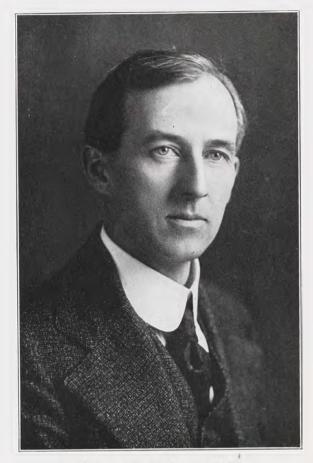


RICHARD POPE LYMAN, M.D.V.

Dean of Veterinary Faculty and Professor of Veterinary Science

B.S., Massachusetts Agriculture College, 1892; M.D.V., School of Veterinary Medicine, Harvard University, 1894; Veterinarian to Massachusetts Cattle Bureau, 1894-1895; Practitioner, Hartford, Connecticut, 1895-1909; Veterinarian to Hartford Cattle Commission, 1903-1906; Veterinarian to Hartford County Milk Commission, 1903-1909; Member of State Board of Veterinary Examiners, 1903-1910; Chairman of Board three years; Member of A. V. M. A. 1894—; Resident State Secretary for A. V. M. A., Connecticut, 1896-1904; Vice-President of A. V. M. A., 1904-1906; Secretary, A. V. M. A., 1907-1910; Chairman of Publication Committee, 1904-1907, 1910-1912; Member of Connecticut Medical Association; Honorary Member of Iowa State Veterinary Medical Association; Honorary Member of Missouri Valley Veterinary Medical Association; Professor of Veterinary Medicine and Clinic, 1907-1910, Kansas City Veterinary College; Chairman of Federal Commission for Studying and Unifying Veterinary Education, 1908-1909; Called to Michigan Agricultural College Fall of 1910 to Organize Division of Veterinary Medicine. Member, Honorary, of Alpha Psi Veterinary Fraternity; Vice-President, 1915-1917.





ERNEST ATHERN BESSEY, Ph.D. Professor of Botany and Botanist of the Experiment Station

A.B. 1896, B.Sc. 1897, A.M. 1898, the University of Nebraska; Ph.D. 1904, University of Halle-Wittenberg (Halle an der Salle, Germany). Assistant in Botany, Colorado Summer School, Colorado Springs, Colo., 1894, 1895, 1896; Botanical Collector for the New York Botanical Garden, in Montana and Yellowstone Park, Summer of 1897. Botanical Collector for the Division of Agrostology, U. S. Department of Agriculture, in Colorado, Summer of 1898. Assistant Pathologist, Division of Vegetable Physiology and Pathology, U. S. Department of Agriculture, 1899-1901. In charge of the office of Seed and Plant Introduction, U. S. Department of Agriculture, 1901-1902; Agriculture Explorer for the office of Seed and Plant Introduction, U. S. Department of Agriculture. Summer of 1902 in Russia, Caucasus and Turkestan; Summer of 1903, Russia and Caucasus; Winter of 1903-1904, in Russia; Spring of 1904, in Algeria; in the intervals a student at the University of Halle-Wittenberg and for a short time at the University of Munich. Plant Pathologist, Bureau of Plant Industry, U. S. Department of Agriculture, stationed at Washington, November, 1904, to December, 1905; thereafter until October, 1908, Pathologist in charge of the Sub-tropical Laboratory and Garden, Miami, Fla. Professor of Botany, M. A. C., since September, 1910, Fellow of American Association for the Advancement of Science; Member of Botanical Seminar of the University of Nebraska, Michigan Academy of Science (President, 1915-1916), Torrey Botanical Club, American Phytopathological Society, Botanical Society of America, Michigan State Potato Association, Association Internationale des Botanistes, (formerly) Deutsche Botanische Gesellschaft, American Genetic Association, National Geographic Society, Review Editor for American articles for the periodical Rivista di Patolotia Vegetable, 1906 to the present time; Associate Editor of Phytopathology, 1914-1917.





EDWARD HILDRETH RYDER, A.M., M.Pd.

Professor of History and Political Science; Secretary of the Faculty; Director of Summer School

Life Certificate Michigan State Normal School, 1893; M.Pd., 1914; Teacher in Public Schools, 1893-1902; A.B., University of Michigan, 1903; A.M., University of Michigan, 1904; Assistant Department of History, University of Michigan, 1904-1905; Instructor, Assistant Professor, Associate Professor, Department of History and Economics, 1905-1915; Professor of History and Political Science, 1915, Michigan Agricultural College.



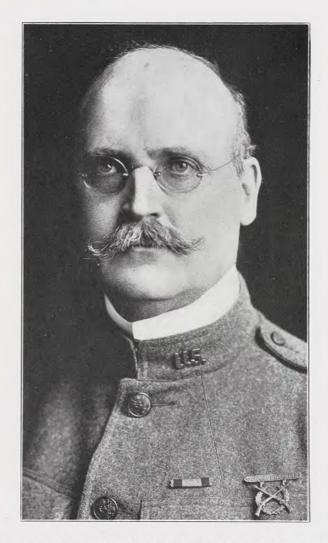


WALTER HIRAM FRENCH, M.Pd., M.S.

Professor of Agricultural Education

State Normal College, 1888; Post Graduate work Hillsdale College, 1898-1899; Post Graduate work University of Michigan, 1900; Master of Pedagogy, State Normal College, 1910, and Master of Science, University of Michigan, 1900; Admitted to the Bar, 1902; Instructor in Pedagogy, Director of Teacher Training in Agriculture; Chairman of Liberal Arts Council and Chairman of Advisory Board, Y. M. C. A. Member of American Society for the Advancement of Agricultural Teaching; The College Teachers of Education; The National Society for the Promotion of Industrial Education.





PHILIP G. WRIGHTSON, Major United States Army, Retired. Commandant of Cadets.

B.S., University of Chicago, 1900, and M.S., University of Chicago, 1902. Instructor in Biology at Armour Institute, 1900-1901. Fellow in Botany at University of Chicago, 1901-1902; Second Lieutenant 20th U. S. Infantry, 1902; First Lieutenant 20th Infantry, 1908; Captain 17th Infantry, 1916; Major, Retired, 1917. Served over four years in the Philippines, two years in Hawaii, and in the Mexican Punitive Expedition of 1916-1917. Received campaign medals for service in war for duty in the Moro campaigns 1905 and the Mexican Expedition 1916-1917. Commandant of Cadets at University of Wisconsin from January, 1913, to November, 1916. Now commandant of Cadets at Michigan Agricultural College.





CHESTER LELAND BREWER

Professor of Physical Education and Director of Athletics

Special Student, University of Wisconsin, 1893-1898; Instructor, University of Wisconsin, 1898-1899; Director of Athletics, Wisconsin State Normal, 1899-1900; Director of Athletics, Albion College, 1900-1903; Director of Athletics, Michigan Agricultural College, 1903-1910; Professor of Physical Education and Director of Athletics, University of Missouri, 1910-1917. Member of American Physical Education Association; Member American Playground Association; Member of Athletic Research Society; Member Society of Directors of Physical Education; President Society of Directors of Physical Education; President Society of Directors of Physical Education; President Society of National Collegiate Athletic Association, 1915-1916; Member Rules Committee National Collegiate Athletic Association, 1916—; with Commission on Training Camp Activities of War Department, 1917—; Member Phi Gamma Delta, Theta Nu Epsilon, and Acacia Fraternities.



General Administrative Officers

OFFICE OF THE PRESIDENT

FRANK STEWART KEDZIE, D.Sc., President.

BENJAMIN A. FAUNCE, Clerk to the President.

Ferris Institute, 1899; Managing Editor M. A. C. Record, 1904-1907, 1910-1913; in charge of General Advertising Work at Michigan Agricultural College. BLANCHE BIRCHARD, Secretary to President.

OFFICE OF THE SECRETARY

ADDISON MAKEPEACE BROWN, A.B., Secretary of the State Board of Agriculture and of Michigan Agricultural College.

A.B., University of Michigan, 1883; Agriculturist, Schoolcraft, 1883-1902; President of Schoolcraft; Director of the School Board; Member of State Senate 1899-1901, at which time was Chairman of Committee on the Agricultural College and Member of Committee on University of Michigan. Present position since June 1, 1902. Member Phi Chapter Psi Upsilon Fraternity.

JACOB SCHEPERS, Cashier of the Michigan Agricultural College.

LENA MAUD MAXWELL, Assistant Cashier and Bookkeeper.

CHARLES DAVITT BETTS, Purchasing Agent.

MAUDE ADELE MEECH, Chief Clerk.

OFFICE OF THE REGISTRAR

ELIDA YAKELEY, Registrar.

ANNA LOUISE FERLE, Assistant Registrar.

OFFICE OF THE LIBRARIAN

LINDA E. LANDON, Librarian.

In charge of the Michigan Agricultural College Library for a period of twentyseven years; assumed the position in 1891.

ELIZABETH MYRTILLA PALM, B.S., Assistant Librarian.

B.S., Michigan Agricultural College, 1911; Librarian Michigan Agricultural College, 1911-1915; University of Illinois Library School, 1915-1916. Feronian. LEOLA IRENE LEWIS, B.S., Assistant Librarian.

B.S., Michigan Agricultural College, 1917; Library Assistant, 1917-. Omicron Nu; Sororian.

GENERAL

LEVI RAWSON TAFT, M.S., State Inspector of Nurseries and Orchards.

B.S., Massachusetts Agricultural College, 1882; M.S., Missouri Agricultural College, 1887; Assistant Professor of Horticulture, Massachusetts Agricultural College, 1882-1885; Professor of Horticulture, Missouri Agricultural College, 1885-1888; Horticulturist of Michigan Experiment Station, 1888-1908; State Superintendent of Farmers' Institutes, 1902-1917; State Inspector of Nurseries and Orchards, 1902-; Member American Pomological Society and Treasurer, 1897-; Secretary-Treasurer American Association of Farmers' Institute Workers, 1913-1917;



Chairman Horticulture Jury and Member Superior Jury, St. Louis Universal Exposition, 1904. Author "Greenhouse Construction," and "Greenhouse Management." Contributor to "Cyclopedia of Horticulture" and "Cyclopedia of Agriculture." Member American Horticultural Society, American Association of Nurserymen, Society of American Florists and Ornamental Horticulturists, and of the Missouri, and Michigan State Horticultural Societies; Member National Horticultural Society of France, receiving the "Croix d'Officier du Merite Agricole." Phi Kappa Phi.

FREDERICK LAURENCE ABEL, Director Band, Orchestra, Chorus, and Men's Glee Club.

Conservatory of Music, Frankfort, A/M, Germany; Instructor of Piano, Cello and Harmony, Detroit Conservatory of Music; Secretary-Treasurer and Director of Michigan Conservatory of Music, Detroit; Cellist and Manager, Detroit Philharmonic String Quartette Club; Director Shubert Club, Chorus and Orchestra, Jackson; Instructor Cello and Harmony, University School of Music, Ann Arbor; First Lieutenant and Adjutant 31st Michigan in Spanish War; Major and Adjutant General First Brigade, M. N. G.

CLIFFORD WORDEN MCKIBBIN, M.For., Alumni Recorder, Secretary of M. A. C. Association, Editor of M. A. C. Record.

B.S., Michigan Agricultural College, 1911; Forest Examiner, U. S. Forest Service, 1911-1916; Alumni Advisory Committee on Rebuilding College Hall; Member Society of American Foresters; Secretary M. A. C. Union Board; Member Athletic Board of Control.

DON C. HEFFLEY, Secretary of Y. M. C. A.

B.S., Northwestern University, 1915. Y. M. C. A. Secretary and Director of Student Employment Bureau, 1915.

Division of Home Economics

GEORGIA LAURA WHITE, Ph.D., Dean

DEPARTMENT OF DOMESTIC ART

LILLIAN LOSER PEPPARD, Ph.D., Associate Professor of Domestic Art.

Ph.D., Chicago University; Instructor in Domestic Science and Domestic Art, 1907-1913; Instructor in Domestic Art, 1913-1915; Associate Professor of Domestic Art, Michigan Agricultural College, 1915—. Vice-President Omicron Nu Society, (parent organization), 1916.

ZELLA ETHEL BIGELOW, B.S., Instructor in Domestic Art.

Graduated Household Arts Course, Mechanics Institute, Rochester, New York, 1912; Director of Sewing, Cleveland Trade School, 1912-1914; New Rochelle Public Schools, 1914-1915; Director of Domestic Art Department, Pennsylvania State College, Summer Session for Teachers, 1914-1917, Omicron Nu.

FLORENCE AMELIA STALL, B.S., Instructor in Domestic Art.

B.A., Michigan Agricultural College, 1916. Ero Alphian; Omicron Nu, (parent); Chapter, Omicron Nu, 1915-1916; National President, Omicron Nu, 1915-1916.

GRACE F. SMILEY, B.S., Instructor in Domestic Art.

B.S., Ohio State University; Boston School for Social Workers, 1914; Boston University, 1915; Supervisor Domestic Art, Boston Public Schools, 1915-1916; Michigan Agricultural College, 1917-.



DEPARTMENT OF DOMESTIC SCIENCE

MARY E. EDMONDS, B.Sc., Professor of Domestic Science.

B.Sc., Ohio State University, 1910; Instructor Ohio State University, 1910-1912; Head of Home Economics Department, University of Montana, 1912-1915; Professor of Domestic Science, Michigan Agricultural College, 1915—. Member of Omicron Nu and Sigma Xi.

EDNA MURRAY GARVIN, B.S., Assistant Professor in Domestic Science.

B.S., Home Economics, Iowa State College, 1914; Teachers' College, Columbia University, 1915; Instructor Domestic Science and Art, Michigan Agricultural College, 1915-1916; Assistant Professor, Domestic Science, 1917—.

LOUISE I. CLEMENS, B.S., Instructor in Domestic Science.

B.S., Michigan Agricultural College, 1913; Lawens, Iowa, 1913-1914; Assistant in Domestic Science, Michigan Agricultural College, 1914—. Omicron Nu.

RUTH KELLOGG, B.S., Instructor in Domestic Science.

B.S., Kansas State Agricultural College, 1910. Pi Beta Phi; Omicron Nu.





DEPARTMENT OF MUSIC

LOUISE FREYHOFER, Director of the Piano Department.

B.S., German Wallace College; B.Mus., Baldwin University School of Music, 1897; Head of the Piano Department, Central Wesleyan College, 1898-1899; Student of Music, Stern Conservatory, Berlin, Germany, 1900-1902; Michigan Agricultural College, 1902—. Member of the Lansing Matinee Musicale; Member of the State Music Teachers' Association; Associate Member of the Association of Collegiate Alumnae; Member of Omicron Nu.

MABEL LOUISE LEFFLER, Mus.B., Instructor in Piano and Theory of Music.

Mus.B., Oberlin Conservatory of Music, 1910; Pupil of Della Thal, Chicago, Summer of 1911; Pupil of Ernesto Consolo, New York City, 1911-1912; Instructor in Piano and History of Music, Bishop Thorpe Manor, South Bethlehem, Pennsylvania, 1910-1912; Instructor of Piano and Theory of Music, Michigan Agricultural College, 1912—.

DEPARTMENT OF PHYSICAL CULTURE

EDITH WARNER CASHO, Instructor in Physical Culture and Assistant to Dean. Philadelphia Normal School of Physical Education, 1905; Chautauqua Normal School of Physical Education, 1911.

Division of Engineering

GEORGE WELTON BISSELL, M.E., Dean

DEPARTMENT OF DRAWING AND DESIGN

ROBERT KENT STEWART, C.E., Professor of Drawing and Design and Head of the Department.

B.S., University of Maine, 1908; C.E., University of Maine, 1911; Instructor at University of Maine in Department of Civil Engineering, 1908-1909; Practical Work in Montana with U. S. R. S., 1909; Instructor in Department of General Engineering Drawing at University of Illinois, 1909-1911; Associate, 1911-1916; Professor of Drawing and Design, Michigan Agricultural College, 1916. Member of National Fraternity of Phi Delta Gamma, also a Member of Society for Promotion of Engineering Education; Honorary Member of Eclectic Society.

LAWRENCE N. FIELD, Associate Professor of Drawing and Design.

B.M.E., University of Michigan, 1912; Engineering Practice, 1912-1916; Assistant Professor of Mechanical Engineering, 1916-1917; Associate Professor of Drawing and Design, 1917—. Member of the Orphic Society; Sigma Xi.

ALFRED IDDLES, M.E., Assistant Professor of Drawing and Design.

B.S., Michigan Agricultural College, 1912; M. E., Michigan Agricultural College, 1917; Commercial Practice, 1912-1914; Instructor Drawing and Design, Michigan Agricultural College, 1914-1916; Assistant Professor, 1917—. Associate Member American Society of Mechanical Engineers; Consulting Engineer; First Lieutenant Ordnance Reserve Corps, U. S. Army, February 1, 1918—; Assigned to Engineering Bureau for Power Station Design and Operation; Eunomian Society; Tau Beta Pi.

MYRON B. CHAPIN, Instructor in Drawing.

CAROLINE HOLT, Instructor in Drawing.

FRANK D. MESSENGER, B.S., Instructor in Drawing and Design. CHACE NEWMAN, Associate Professor of Drawing and Design.

EARL H. STEWART, B.S., M.E., Instructor in Drawing.



DEPARTMENT OF CIVIL ENGINEERING

HERMAN KLOCK VEDDER, C.E., Professor of Civil Engineering.

C.E., Cornell University, 1887; Fellow in Civil Engineering, Cornell University, 1887-1888; Instructor in Civil Engineering, Cornell University, 1887-1891; Draftsman and Computer, Groton Bridge & Mfg. Co., summers 1887-1888; Contracting Engineer, same company, summer 1889; Engineer, Ithaca Water Works Co., 1890-1891; Professor of Mathematics and Civil Engineering, M. A. C., 1891-1909; Professor of Civil Engineering, M. A. C., 1909—. Member of S. P. E. E.; President of Michigan Engineering Society, 1907; Member of Theta Delta Chi; Member of Tau Beta Pi; Constructing Engineer for numerous projects and Consulting Engineer for several organizations.

CYRUS ALAN MELICK, Associate Professor of Civil Engineering.

C.E., Ohio State University, 1903; D.C.E., Ohio State University, 1911; Assistant in Civil Engineering, Ohio State University, 1904; Instructor in Civil Engineering, Union College, 1906-1908; Professor of Civil Engineering and Head of Department, Highland Park College (Des Moines, Iowa), 1908-1909; Assistant Professor of Civil Engineering, Michigan Agricultural College, 1911-1916; Assistant Yard Scheme and Grade Crossing Elimination Department, New York Central and H. R. R. R., 1903-1904; Transitman Chief of Party on Re-location and Double Track Wabash R. R., 1904-1905; Resident Engineer in Charge Bridge Construction I. & G. N. R. R. of Texas, for Waddell and Hedrick Construction Engineering Co., 1905-1906; Summer Vacation, Mt. Oecum Bridge Co., King Bridge Co., and American Bridge Co.; Author of "Stresses in Tall Buildings." Tau Beta Pi; Sigma Xi.

HERBERT H. GEHRING, C.E., Assistant Professor of Civil Engineering.

C.E., Cornell University, 1903; Miscellaneous Engineering Work in New York, 1903-1904; Instructor in Civil Engineering, Cornell University, 1905-1908; on Design and Construction of the New York State Barge Canal, 1908-1914; Professor of Civil Engineering, Trinity College, Hartford, 1914-1915; Assistant Professor of Civil Engineering, Michigan Agricultural College, 1915—. Associate Member of American Society of Civil Engineers; Member American Association for the Advancement of Science.





REN G. SAXTON, C.E., Assistant Professor in Civil Engineering.

B.S., in Civil Engineering, University of Wisconsin, 1909; C.E., University of Wisconsin, 1915. First Lieutenant, Scabbard and Blade, First Regiment, 1909; Delegate Scabbard and Blade National Convention, 1909.

C. MARSHALL CADE, C.E., Assistant Professor of Civil Engineering.

B.S., Michigan Agricultural College, 1907; Instructor in Drawing, Purdue University, 1907; Aid to Assistant U. S. Coast and Geodetic Survey, 1908-1913; Instructor in Civil Engineering, M. A. C., 1913-1915; Assistant Professor of Civil Engineering, 1915. Tau Beta Pi.

BUTT KENNEDY PHILIP, Instructor in Civil Engineering.

C.E., Cornell, 1911; Instructor in Civil Engineering, 1911, Michigan Agricultural College; United States Office of Public Roads, 1912; with Pittsburg Construction Company, 1912-1914; Instructor in Civil Engineering, Michigan Agricultural College, 1914.

FRANK D. MESSENGER, B.S., Instructor in Civil Engineering.

B.S., Civil and Sanitary Engineering, University of Kansas, 1913; Private Engineering Practice; Instructor in Drawing and Design, 1914; Instructor in Civil Engineering, 1917, Michigan Agricultural College.

WARREN WAYLAND HITCHCOCK, B.S., Instructor in Civil Engineering.

Graduate Civil Engineering, M. A. C., 1907; Instructor in Civil Engineering, Michigan Agricultural College, 1913-.

DEPARTMENT OF MECHANICAL ENGINEERING

JOSEPH A. POLSON, M.E., Professor of Mechanical Engineering.

Purdue, Class 1905, School of Mechanical Engineering; M.E. Degree, 1911; Mechanical Engineering Department of Michigan Agricultural College, 1906; Instructor in Mechanical Engineering; Assistant Professor Mechanical Engineering, Associate Professor of Mechanical Engineering; Professor of Mechanical Engineering, 1916. Member of Indiana Alpha Chapter of Tau Beta Pi; Member of American Society of Mechanical Engineers, the Society for Testing Materials, and the Society of Automotive Engineers.

ROYAL GILBERT BIGELOW, B.S., Instructor in Mechanical Engineering.

B.S. in Mechanical Engineering, Michigan Agricultural College, 1916; Instructor in Mechanical Engineering, 1916-.

GEORGE C. WRIGHT, B.S., Foreman Instructor of Machine Shop Practice.

B.S., Purdue University, 1916. Secretary Acacia Fraternity, Purdue Chapter, 1915-1916; Junior Member Society of Automotive Engineers, Detroit Section.

WALTER EDWARD REULING, M.E., Assistant Professor in Mechanical Engineering.

B.S.M.E., Iowa State College, Ames, Iowa; Honor Student M. E. Course, 1906; Elected to Tau Beta Pi; Assistant in Shop and Engineering Laboratory during Senior Year; Engineer with Fairbanks-Morse Co., July, 1906, to September, 1916; Director Y. M. C. A. Orchestra, Beloit; Member Six O'Clock Club; Assistant Professor, Michigan Agricultural College, September, 1916; Classes in Gas Power Engineering, Heating and Ventilation, Mechanics Engineering Laboratory.

ROSCOE H. BUSH, B.S., Instructor in Mechanical Engineering.

JACOB A. EICHER, Foreman of Foundry.

GEORGE H. PETERS, Instructor in Pattern Shop.



ANDREW KRENTEL, Foreman in Pattern Shop. John Grennan, Foreman of Forge Shop. C. E. Wood, Instructor in Pattern Shop. ANDREW WATT, Instructor in Forge Shop. Egbert Crossman, Instructor.

DEPARTMENT OF ELECTRICAL ENGINEERING

ARTHUR RODNEY SAWYER, E.E., Professor of Electrical Engineering.

A.B., Stanford University, 1893; E.E., University of Wisconsin, 1896; Teacher of Manual Training and Drawing, East Side H. S., Milwaukee, Wis., 1898-1891; Assistant Professor of Electrical Engineering, State University, Kentucky, 1901-1904; Draftsman and Designer with Milwaukee Electric Co., and Cutler-Hammer Co.; Professor of Physics and Electrical Engineering, Michigan Agricultural College, 1904-1916; Professor of Electrical Engineering, 1916. Member of the A. I. E. E. since 1907; Member of A. A. A. S., 1909-1916; Member of SP. E. E., 1907; Honorary Member Tau Beta Pi; Honorary Member of the Columbian Literary Society.

MERTON MAINE CORY, E.E., Assistant Professor of Electrical Engineering.

B.S., New Hampshire College, 1908; E.E., New Hampshire College, 1913; Transit Man and Assistant City Engineer, Nashua, N. H., 1902-1906; General Electric Co., Lynn, Mass., Graduate Test Course, 1909-1910; Electrical Engineer, Jamesville Electrical Co., Jamesville, Wis., 1911; Commercial Engineering Department, T. M. E. R. and L. Co., 1912-1915; Assistant Professor of Electrical Engineering, Michigan Agricultural College, 1915; Instructor in Electrical Engineering, Michigan Agricultural College, 1915; Member Society for the Promotion of Engineering Education, 1912-1914; Associate Member American Institute of Electrical Engineers, 1915; Honorary Member Forensic Literary Society, 1913; Associate Member Tau Beta Pi, 1916—; President Gamma Theta Fraternity (now Chapter of Alpha Tau Omega), 1907-1908.





Division of Science and Letters

DEPARTMENT OF BACTERIOLOGY

WARD GILTNER, D.V.M., M.S., Professor of Bacteriology and Hygiene.

D.V.M., Cornell University, 1906; M.S., Alabama Polytechnic Institute, 1908; University of Chicago, Summer 1911; M. A. C., Summer 1915; Instructor and Assistant in Bacteriology, Alabama Polytechnic Institute and Experiment, 1906-1908; Research Assistant and Instructor in Bacteriology, Michigan Agricultural College and Experiment Station, 1908-1912; Acting Professor and Bacteriologist, 1912-1915; Professor and Bacteriologist, Veterinarian of Michigan, 1911-1913. Member of Society of American Bacteriologists; American Association of Bacteriologists and Pathologists; American Public Health Association; American State and Capital City Veterinary Medical Association; American Chemical Society, and Secretary of Local Section 1918; Michigan Academy of Science (at one time vicepresident of Section on Sanitation and Medical Science); Member of Sigma Xi; Honorary Member of Alpha Psi; Sem Bot, and Phylean Society.

JAMES FRANKLIN MORGAN, M.A., Research Associate in Bacteriology.

B.A., St. Lawrence University, 1903; M.A., St. Lawrence University, 1906; Assistant Chemist, Hill's Laboratory, Buffalo, N. Y., 1903-1904; Science Instructor, High School, Titusville, Pa., 1904-1906; Assistant Chemist of Michigan, 1910-1913; Chemist Brown Laboratories; Summer School, University of Michigan, 1913; Research Assistant in Bacteriology, Michigan Experiment Station, 1913-1917; Research Associate in Bacteriology, 1917; First Lieutenant Sanitary Corps, N. A., 1918. Member of American Association for the Advancement of Science; Michigan Academy of Science; American Chemical Society; American Society of Bacteriologists; Phi Sigma Kappa; Phi Beta Kappa; I. O. O. F., and A. M.

LYDIA ZAE NORTHRUP, A.M., Assistant Professor of Bacteriology.

B.S., Michigan Agricultural College, 1906; M.H.E., Michigan Agricultural College, 1913; A.M., University of Michigan, 1914. Member of the Society of American Bacteriologists; Member of Omicron Nu; Member of Sororian Literary Society.

LESLIE H. COOLEDGE, A.M., Research Associate in Bacteriology, Assistant Professor of Bacteriology.

B.S., South Dakota State College, 1911; A.M., University of Missouri, 1912; Agent U. S. Department of Agriculture, 1912-1913; Position at M. A. C. 1913—; Private U. S. Army, 1918.

FREDERICK WILLIAM FABIAN, B.S., Instructor in Bacteriology.

B.S., Allegheny College, 1914; Instructor in Chemistry, Allegheny College, 1915; Head of Science Department, Clearfield High School, Clearfield, Pa., 1916; Present Position, 1917. Member Alpha Chi Sigma, Phi Chapter, Allegheny College; Member Alden Alembic Club for Advancement of Science; Member of Michigan Milk and Dairy Inspectors' Association; Member Michigan Dairy Association; Member of Society of American Bacteriologists.

CHARLES G. NOBLES, B.S., Research Assistant in Bacteriology.

B.S., Michigan Agricultural College, 1916. Dorian Society.

CHAS. W. BROWN, B.S., Instructor in Bacteriology.



DEPARTMENT OF BOTANY

ERNEST ATHERN BESSEY, Ph.D., Professor of Botany and Botanist of the Experiment Station.

RICHARD DE ZEEUW, Ph.D., Associate Professor of Botany.

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A.B., Hope College, 1906; A.B., University of Michigan, 1907; A.M., Hope College, 1909; Ph.D., University of Michigan, 1909; Instructor of Botany, 1909-1910; Assistant Professor of Botany, 1910-1915; Associate Professor of Botany, 1915. Member of the Michigan Academy of Sciences; Secretary-Treasurer of the Michigan Academy of Sciences, 1911-1917; Member American Association for the Advancement of Science, 1911-1915; Fellow, American Association for the Advancement of Science, 1915—; Member of Sigma Xi.

HENRY TOWNSEND DARLINGTON, M.S., Assistant Professor of Botany.

B.S., University of Idaho, 1903; Chief Engineer, Idaho-Iowa Lateral and Reservoir Company, Boise, Idaho, 1904-1905; Engineering Staff, Great Western Sugar Company, Denver, Colorado, 1905-1909; M.S., Harvard University, 1911; Instructor in Botany, University of Idaho, 1911-1912; Assistant Professor, 1912-1914; Assistant Professor, Director of Botanical Garden, Michigan Agricultural College, 1915—.

EDWARD FRED WOODCOCK, Ph.D., Instructor in Botany.

B.S., University of Vermont, 1909; Professor of Biology, Juniata College, 1909-1910; Assistant in Biology, Yale University, 1910-1912; M.A., Yale University, 1912; Instructor in Botany, University of West Virginia, 1913-1914; Instructor of Botany, Michigan Agricultural College, 1914-1917; Assistant Professor of Botany, Michigan Agricultural College, 1917—; Ph.D., Yale University, 1917. Member of Association for Advancement of Science; Member of Botanical Society of America; Member of Michigan Academy of Science.

HARRY C. YOUNG, Instructor in Botany.

B.S., Ohio University, 1913; Instructor in Botany, North Carolina State College, 1913-1915; M.S., North Carolina; Lackland Fellow, Henry Shaw School of Botany, Washington University, St. Louis, 1915-1916; Instructor in Botany, Michigan Agricultural College, 1916—. Member of Botanical Society of America; Member of American Association for the Advancement of Science; Member of American Genetic Association; Member of Michigan Academy of Science.





CARLYLE WILSON BENNETT, B.S., Graduate Assistant in Botany.

B.S., University of Kentucky, 1917. Alpha Zeta, Scovell Chapter; Sem Bot, Michigan Agricultural College.

CREIGHTON FOSTER MURPHY, B.S., Graduate Assistant in Botany.

B.S., Pennsylvania State College, 1917. Omega Epsilon Fraternity; Sem Bot, M. A. C. Resigned to enter military service February 23, 1917.

RUFUS PERCIVAL HIBBARD, Research Plant Physiologist.

Williams College, 1899, B.A.; University of Michigan, 1906, Ph.D.; Science Teacher, Kiskiminetas Springs Academy, Pa., 1900-1901; Blair Academy, N. J., 1902-1904; Assistant Woods Hole, Marine Bill. Laboratory, Summer Terms, 1903-1904; Scientific Assistant Bureau Plant Industry, U. S. D. A., 1906-1908; Bacteriologist and Plant Pathologist, Mississippi Experiment Station, 1908-1911; Research Assistant in Plant Physiology, and Instructor in Plant Physiology, 1911; Research Assistant in Plant Physiology, 1914—. Fellow, A. A. A. S.; Member Society Bact., American Genetic Society; American Chemical Society; Sigma Xi.

GEORGE HERBERT COONS, Associate Professor of Botany; Research Associate in Plant Pathology.

A.B., University of Illinois, 1908; A.M., University of Nebraska, 1911; Ph.D., University of Michigan, 1915; Teacher High School, Hancock, Michigan, 1908-1909; Adjunct Professor Agricultural Botany, University of Nebraska, 1909-1910; Instructor, M. A. C., 1911-1917; Present Position, 1917—. Member of American Phytopathological Society, Botanical Society of America; Editor Michigan Academy of Science; Delta Sigma Rho, Illinois; Gamma Alpha, Michigan; Sigma Xi, Nebraska; Ionian Literary Society, M. A. C.

ROSE M. TAYLOR, M.A., Instructor in Botany.

BERTHA E. THOMPSON, M.A., Instructor in Botany.

WALTER K. MAKEMSON, B.S., Graduate Assistant in Botany.

DEPARTMENT OF CHEMISTRY

ARTHUR JOHN CLARK, B.A., Professor of Chemistry and Head of the Department of Chemistry.

B.A., University of Wisconsin, 1905; Graduate Student University of Wisconsin Summer Sessions 1911-1913; University of Chicago Summer Sessions 1915; Instructor in Chemistry, M. A. C., 1906-1909; Assistant Professor of Chemistry, 1909-1914; Associate Professor of Chemistry, 1914-1916; Professor of Chemistry, 1916—. Alpha Chapter Alpha Chi Sigma; American Chemical Society.

RALPH CHASE HUSTON, Ph.D., Associate Professor of Chemistry.

B.S., Parsons College, 1906; Instructor in Science, Junction City (Kansas) High School, 1906-1907; Scholar in Chemistry, University of Iowa, 1907-1908; M.S., University of Iowa, 1908; Fellow in Chemistry, University of Washington State College, 1909-1910; Assistant Professor, 1910-1911; Assistant Professor in Chemistry, Michigan Agricultural College, 1911-1918; Ph.D., University of Iowa, 1914; Associate Professor of Chemistry, Michigan Agricultural College, 1915. Sigma Xi.

WILLIAM P. WOOD, A.B., B.Che., Assistant Professor of Chemistry.



BRUCE H. HARTSUCH, B.A., Assistant Professor in Chemistry.

B.A., Wabash College, 1908; Chemist, B. F. Goodrich Co., 1909-1911; Instructor in Chemistry, M. A. C., 1911-1914; Assistant Professor in Chemistry, M. A. C., 1914—. Member of American Chemical Society.

PERRY S. BRUNDAGE, B.S., Instructor in Chemistry.

Life Certificate, Michigan State Normal College, 1908; B.Pd., Michigan State Normal College, 1911; B.S., University of Michigan, 1915; Instructor in Science, High School, Hart, Michigan; Instructor in Chemistry and Physics, High School, Traverse City, Mich., 1911-1914; Assistant in General Chemistry, University of Michigan, 1914-1915; Instructor in Chemistry, Michigan Agricultural College, 1916—.

MABEL CARLA MOSHER, B.S., Instructor in Chemistry.

B.S., Michigan Agricultural College, 1908; Chemist, Michigan Dairy and Food Department, 1908-1911; Assistant in Chemical Department, M. A. C., and Special Instructor in Flour Technology, 1911-1917; Chemist, Michigan Dairy and Food Department, 1917—; special Instructor in Flour Technology, Chemical Department, Spring Term, 1918; Secretary-Treasurer Lansing Branch Association Collegiate Alumnae.

DWIGHT CLARK CARPENTER, B.S., Instructor in Chemistry.

B.S., Michigan Agricultural College, 1911; Student Assistant in Physics, M. A. C., 1909-1911; Instructor in Chemistry and Physics, Charlevoix High School, 1911-1913; Instructor in Chemistry and Physics, Grand Haven High School, 1913-1914; Instructor in Chemistry, M. A. C., 1914. Member American Chemical Society. HENRY L. PUBLOW, B.S., Instructor in Engineering Chemistry.

B.S. in Engineering, Michigan Agricultural College, 1914; Assistant Engineer with A. Bentley & Sons, General Contractors, 1914; Instructor in Chemistry, M. A. C., 1914-.

DWIGHT P. EWING, M.S., Instructor in Chemistry.





DEPARTMENT OF ENGLISH

WILLIAM WALTER JOHNSTON, A.M., Professor of English and Modern Languages.

A.B., Baker University, 1902; A.M., Harvard University, 1908; Instructor in English, Baker University, 1903-1904; Instructor in English, Washington State College, 1905-1907; Assistant Professor of English, Washington State College, 1907-1908; Professor of English, Oklahoma Agricultural and Mechanical College, 1908-1912; Dean of Division of Science and Literature, Oklahoma Agricultural and Mechanical College, 1910-1912; Professor of English, Michigan Agricultural College, 1912—. Member National Council of Teachers of English; Member Advisory Council, Simplified Spelling Board.

C. BUREN MITCHELL, M.A., Assistant Professor of Public Speaking.

E. SYLVESTER KING, Assistant Professor of Public Speaking.

JAMES B. HASSELMAN, B.S., Instructor in English.

B.S., Wesleyan University (Connecticut), 1914; Instructor in English, Michigan Agricultural College, 1915—. Member Psi Upsilon Fraternity.

RAY BENNETT WEAVER, M.A., Instructor in English.

B.A., Carroll College, 1914; M.A., University of Chicago, 1915; Professor of Public Speaking, College of Emporia, 1915-1916; Present Position, 1916-. I. A. T.

LEWIS B. MAYNE, A.B., Instructor in English.

LEO C. HUGHES, A.M., Instructor in French.

NORMA L. GILCHRIST, A.B., Instructor in English.

ANTOINETTE C. ROBSON, Instructor in English.

DEPARTMENT OF ECONOMICS

WILLIAM OLIN HEDRICK, Ph.D., Professor of Economics.

B.S., Michigan Agricultural College, 1891; M.S., University of Michigan, 1896; Ph.D., University of Michigan, 1909; Instructor in English, Michigan Agricultural College, 1891-1893; Assistant Professor of History and Economics, Michigan Agricultural College, 1893-1903; Professor of History and Economics, 1903-1916; Professor of Economics, 1916; Collaborator with the Office of Markets and Rural Organizations, 1914-1917; Literary Editor of "Harrow," 1891; Author of Michigan Railroad Taxation, 1911.

CHARLES SCOTT DUNFORD, M.A., Assistant Professor of Economics.

PAUL L. MILLER, M.A., Instructor in Economics.

DEPARTMENT OF ENTOMOLOGY

RUFUS H. PETTIT, B.S., Professor of Entomology and Entomologist of Experiment Station.

B.S. in Agriculture, Cornell, 1895; Assistant State Entomologist of Minnesota, 1895-1897; Instructor in Zoology and Consulting Entomologist of Station, 1897-1906; Professor of Entomology, 1906—, M. A. C. Fellow, American Association for Advancement of Science; Charter Member Entomological Society of America; Active Member American Association of Economic Entomologists and a Member of Entomological Society of Washington; Sigma Xi; Honorary Member Alpha Zeta.



EUGENIA INEZ MCDANIEL, B.A., Instructor in Entomology.

B. A., Kansas University, 1908; Principal High School, Parker, Kansas, 1909-1910; Instructor in Entomology and Assistant in Entomology on Station, Michigan Agricultural College, 1910—. Member Entomological Society of America; Member American Association of Economic Entomologists.

DONALD BION WHELAN, M.S., Extension Specialist in Entomology.

A.B., Hillsdale College, 1910; Teacher of Science and Athletics, Hudson, Mich., 1911-1912; M.S., Kansas State Agricultural College, 1914; Graduate Assistant, Ohio State University, 1914-1915; Extension Specialist in Entomology and Instructor in Entomology, Michigan Agricultural College, 1915--. Member American Association of Economic Entomologists; Entomological Society of America; Delta Tau Delta.

PERCY BARNETT WILTBERGER, M.Sc., Instructor in Entomology and Assistant in Entomology Experiment Station.

B.Sc. in Entomology, Ohio State University; M.Sc., Ohio State University, 1916; Assistant in Entomology, West Virginia Agricultural Experiment Station; Instructor in Zoology and Entomology, Ohio State University; Inspector, Bacteriological, U. S. D. A., Bureau of Plant Commission in Collaboration with the Florida Plant Industry; Instructor in Biology, Vertebrate Anatomy, Entomology, and Parasitology, University of Maine. American Association of Economic Entomologists; American Entomological Society; Associate Member of Research Society of the University of Maine, and of the Ohio Academy of Science; Xi Sigma; Phi Sigma; Sigma Phi.

BENJAMIN FRANKLIN KINDIG, Instructor in Apiculture and State Inspector of Apiaries.

Special Student, Michigan Agricultural College, 1909, 1911, 1912; Deputy State Entomologist of Indiana, 1911-1917; Instructor in Apiculture and State Inspector of Apiaries, Michigan Agricultural College, 1916—. Forensic Society.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

EDWARD HILDRETH RYDER, A.M., M.Pd., Professor of History and Political Science; Secretary of the Faculty; Director of Summer School.

MINNIE HENDRICK, A.B., Instructor in History.





DEPARTMENT OF MATHEMATICS

LOUIS CLARK PLANT, M.S., Professor of Mathematics.

Ph.B., University of Michigan, 1897; University of Michigan, 1893-1897; Graduate Student University of Chicago, 1897-1898, and Summers 1899, 1900, 1902, 1905, 1906, 1907, 1911; M.S., University of Chicago, Peoria, Ill., 1904; Assistant in Mathematics, Bradley Polytechnic Institute, 1898-1900; Associate, ibid, 1900-1904; Instructor, 1904-1907; Associate Professor of Mathematics, University of Montana, 1907-1908; Professor of Mathematics, 1908-1913; Professor of Mathematics, Michigan Agricultural College, 1913—. Member Mathematical Association of America; Member American Mathematical Society; Fellow in American Association for the Advancement of Science; Member of Society for Promotion of Engineering Education; Member Michigan Schoolmasters' Club; Honorary Member Delphic Society.

LLOYD CLEMENT EMMONS, A.M., Associate Professor of Mathematics.

B.S., Central Normal College, Danville, Indiana, 1905; A.B., Indiana University, 1909; A.M., Harvard, 1917; Teaching Assistant in Central Normal College, 1904-1905; Instructor in Mathematics, Michigan Agricultural College, 1909-1913; Assistant Professor of Mathematics, Michigan Agricultural College, 1913-1916; Assistant Professor on Leave, 1916-1917; Associate Professor of Mathematics, Michigan Agricultural College, 1917. Member Michigan Schoolmasters' Club; Member Mathematical Association of America; Member American Mathematical Society; Honorary Member of Trimoria Society.

MAURICE FLOWER JOHNSON, C.E., Assistant Professor of Mathematics.

B.S., Michigan Agricultural College, 1907; C.E., Michigan Agricultural College, 1913; Graduate Student, University of Michigan, Summers 1916-1917, and Fall Semester, 1917; Instructor in Mathematics, 1909-1912; Assistant Professor of Mathematics, 1913-1918; Acting Head of Department of Mathematics, 1912-1913. Member Tau Beta Pi; Union Literary Society.

GUY GREEN SPEEKER, A.M., Assistant Professor of Mathematics.

Graduate Indiana State Normal School, 1906; A.B., Indiana University, 1912; A.M., Indiana University, ibid, 1913; Graduate Student, University of Chicago, Summers 1914-1917; Instructor in Mathematics, Michigan Agricultural College, 1912-1917; Assistant Professor of Mathematics, 1917. Member Mathematical Association of America; Member Michigan Schoolmasters' Club.

WILLIAM MILLER WIBLE, A.M., Instructor in Mathematics.

B.A., Indiana University, 1906; M.A., Indiana University, 1908; Graduate Student, University of Missouri, 1908-1909; Principal High School, Rolla, Mo., 1909-1911; Instructor in Mathematics, Vincennes University, 1911-1912; Instructor in Mathematics, Michigan Agricultural College, 1912—.

STANLEY EDWIN CROWE, A.B., Instructor in Mathematics.

A.B., Ohio State University, 1909; Summer School, Wisconsin University, 1911; Summer School, Chicago University, 1915; Instructor in Mathematics, Michigan Agricultural College, 1909. Member Delta Kappa Fraternity, Ohio State University; Honorary Member Olympic Society.

EARL CHESTER KIEFER, B.S., Instructor in Mathematics.

B.S., Michigan Agricultural College, 1913; Summer Sessions, 1914-1915, University of Michigan; Student Assistant in Mechanical Engineering, Michigan Agricultural College, 1912-1913. Member of Board of Control of Athletics, Michigan Agricultural College, 1916-1918; Aurorean Society.



WALTER A. REINERT, B.S., C.E., Instructor in Mathematics.

B.S., University of Wisconsin, 1911; University of Chicago Scholarship, Summer Quarter, 1913-1914-1915; Instructor in Mathematics, Oak Park, Ill., High School, 1913; Foreman of Bridge Construction, Rockford, Ill., Interurban R. R. Co., 1911; Assistant Engineer, Delaware, Ohio, 1912; with Bridge Department, Michigan State Highway Commission, Summer 1916-1917; Instructor in Mathematics, Michigan Agricultural College, 1914-1918.

DEPARTMENT OF MILITARY SCIENCE

PHILIP G. WRIGHTSON, Major, United States Army, Retired; Commandant of Cadets. CHARLES H. ROBINSON, Instructor in Military Science; First Sergeant, Coast

Artillery Corps, Retired.

Served three years 6th Cavalry, three years 19th Infantry; Corporal 1898; Sergeant Major 1900, 1st Sergeant 1902; transferred to the Recruiting Service for nine years; from Recruiting Service transferred to 154th Company Coast Artillery Corps, March, 1915, and retired as 1st Sergeant May 4, 1917; assigned as Instructor in Military Science, Michigan Agricultural College, November, 1917. Spanish-American War in Cuba; Philippines during the insurrection, Mexican Border, 1916.

DEPARTMENT OF PHYSICS

CHARLES W. CHAPMAN, B.Pd., Professor of Physics.

B.Pd., Michigan State Normal College, 1910; A.B., Michigan State Normal College, 1910; B.S., University of Chicago, 1911; Science Teacher, Fenton High School, Fenton, Michigan, 1903-1907; Assistant Professor of Physics, Michigan Agricultural College, 1912-1916; Associate Professor of Physics, July, 1916-January, 1918, (acting head of Physics); Professor of Physics, 1918. Faculty Member, Y. M. C. A. Advisory Board; Honorary Member Ionian Society.

OREN LEONE SNOW, B.S., Assistant Professor of Physics.

B.S. in Civil-Electrical Engineering, Michigan Agricultural College, 1910; Instructor in Physics and Electrical Engineering, Michigan Agricultural College, 1910-1916; Assistant Professor of Physics, 1916—. Member Society for Promotion of Engineering Education; Member Advisory Board of the College Y. M. C. A.; Alumnus, Columbian Society.

WILLIAM EARL LAYCOCK, A.B., Assistant Professor of Physics.





DEPARTMENT OF ZOOLOGY AND PHYSIOLOGY

WALTER BRADFORD BARROWS, B.S., Professor of Zoology and Physiology.

B.S., Massachusetts Institute of Technology, 1876; Assistant in Ward's Natural Science Establishment, Rochester, N. Y., 1879-1881; Instructor in Chemistry and Physics, Colegio Nacional, Conception del Uraguay, Argentine Republic, S. A.; 1881-1882 Science Teacher Normal School, Westfield, Mass.; Instructor in Biology, Wesleyan University, 1882-1886; Instructor in Botany, Trinity College, 1884-1886; First Assistant Ornithologist, U. S. Department of Agriculture, 1886-1894; Lecturer in Economic Ornithology, Maryland Agricultural College, 1891-1892; Professor of Zoology and Curator of the Museum, Michigan Agricultural College, 1894-... Michigan Agricultural College Experiment Station; Fellow of the A. A. A. S.; Fellow Ornithological Union; Fellow of the Association of Economic Entomologists; Member Michigan Academy of Science, Secretary 1896-1901, President 1905; Author "Michigan Bird Life;" Secretary Michigan Non-Game License Commission.

ALLEN CLIFTON CONGER, B.S., M.A., Assistant Professor of Zoology.

B.S., Ohio Wesleyan University, 1908; M.A., Ohio State University, 1912; Professor of Biology, Wilmington College, 1909-1912; Instructor in Zoology, Michigan Agricultural College, 1912-1916; Assistant Professor of Zoology, 1912—. Member American Association for the Advancement of Science; Member American Microscopical Society; Phi Beta Kappa; Sigma Xi.

VERNE EMORY LEROY, A.B., M.S., Instructor in Zoology.

WESLEY EDWARD EASTMAN, B.S., Instructor in Geology.

JOSEPH WILLIAM STACK, B.S., Instructor in Zoology.

STANARD GUSTAV BERGQUIST, A.B., Instructor in Zoology.

BENJAMIN BROKAW ROSEBOOM, B.S., Assistant Professor of Physiology.

DEPARTMENT OF RADIO TELEGRAPHY

PAUL G. ANDRES, Instructor in Radio Telegraphy.

Radio Electrician, U. S. N., 1907-1911; Michigan Agricultural College, 1911-1915; Vocational Director, Bessemer High School, 1915-1917.

DEPARTMENT OF PHYSICAL TRAINING

CHESTER LILAND BREWER, Professor of Physical Education and Director of Athletics.

Special Student, University of Wisconsin, 1893-1898; Instructor, University of Wisconsin, 1898-1899; Director of Athletics, Wisconsin State Normal, 1899-1900; Director of Athletics, Albion College, 1900-1903; Director of Athletics, Michigan Agricultural College, 1903-1910; Professor of Physical Education and Director of Athletics, University of Missouri, 1910-1917. Member of American Physical Education Association; Member American Playground Association; Member of Athletic Research Society; Member Society of Directors of Physical Education; President Society of Directors of Physical Education; President Society of Directors of Physical Education; President Society of National Collegiate Athletic Association, 1915-1916; Member Rules Committee National Collegiate Athletic Association, 1916—; with Commission on Training Camp Activities of War Department, 1917—; Member Phi Gamma Delta, Theta Nu Epsilon, and Acacia Fraternities.

GEORGE EARL GAUTHIER, B.S., Assistant Director of Athletics, 1914-

B.S., Michigan Agricultural College, Civil Engineering, 1915. Tau Beta Pi, Michigan Alpha Chapter, 1913—; Varsity Club; Eunomian.



DEPARTMENT OF METEOROLOGY AND GEOLOGY

Dewey Alsoorf Seeley, M.S., Instructor in Meteorology and Official in Charge, U. S. Weather Bureau Station.

B.S., Michigan Agricultural College, 1898; M.S., Michigan Agricultural College, 1917; Weather Bureau Service, 1898—; Instructor in Meteorology, Bradley Polytechnic Institute, Peoria, Ill., 1902-1909; Instructor in Meteorology, Michigan Agricultural College, 1910—. Member Hesperian Society, Michigan Agricultural College; Michigan Academy of Science.

FREDERICK ARTHUR BURT, Instructor in Geology.

Division of Veterinary Science

RICHARD POPE LYMAN, M.D.V., Dean and Professor of Veterinary Science

JAMES W. BENNER, D.V.M., Assistant Professor of Veterinary Medicine.

D.V.M., Kansas State Agricultural College, 1911; Practice of Veterinary Medicine, 1911-1914; Graduate Student, University of Kansas, 1912; Instructor in Veterinary Medicine, Kansas State Agricultural College, 1914-1917; Assistant Professor of Veterinary Medicine, Michigan Agricultural College, 1917—. Member Alpha Psi, Eta Chapter.

HOWARD ECKLER JOHNSON, D.V.M., Assistant Professor of Anatomy.

D.V.M., New York State Veterinary College at Cornell University, 1914; Instructor in Anatomy, Cornell University, 1914-1917; Assistant Professor of Anatomy, Michigan Agricultural College, 1917—. Member Omega Tau Sigma.

E. TANDY HALLMAN, D.V.M., Associate Professor of Animal Pathology.

D.V.M., Alabama Poly. Institute, 1910; Instructor in Histology and Bacteriology, Alabama Poly. Institute, 1910-1912; Research Assistant in Bacteriology, M. A. C., 1912-1915; Associate Professor Animal Pathology, M. A. C., 1915-.

FRANK WILBUT CHAMBERLAIN, D.V.M., Associate Professor of Comparative

Anatomy.

B.S., University of Vermont and State Agricultural College, 1904; D.V.M., New York State Veterinary College, Cornell University, 1906; Associate Professor of Veterinary Science and Animal Husbandry, University of Idaho, September, 1909-January, 1911; Assistant Professor of Comparative Anatomy, Michigan Agricultural College, 1915—. Member Sigma Xi, Cornell University, Alpha Chapter, 1906; Honorary Member Alpha Phi, Michigan Agricultural College, Iota Chapter, 1915—.





Division of Agriculture

ROBERT S. SHAW, B.S.A., Dean of Agriculture

ROBERT S. SHAW, B.S.A., Dean of Agriculture and Director of the Experiment Station.

DEPARTMENT OF AGRICULTURAL EDUCATION

WALTER HIRAM FRENCH, M.Pd., M.S., Professor of Agricultural Education.

E. LYNN GROVER, B.S., Assistant Professor of Agricultural Education.

B.S., Michigan Agricultural College, 1907; Graduate Student, University of Wisconsin, 1910; Farmer and School Teacher, 1893-1901; Instructor in Agricultural Education, M. A. C.; Milk Inspector, Delhaven, Wis., 1907-1909; High School Instructor of Science and Agriculture, Greensberg, Indiana, 1909-1913; Assistant Professor and Critic Teacher, M. A. C., 1917. Secretary M. A. C. Teachers' Association, 1915-1916; Member Masonic Lodge, Grange, Phylean Society, Upper Peninsula Educational Association, State Teachers' Association, National Educational Association, Michigan Schoolmasters' Club.

DEPARTMENT OF ANIMAL HUSBANDRY

GEORGE ARTHUR BROWN, B.S., Professor of Animal Husbandry.

B.S., Michigan Agricultural College.

WILLIAM E. J. EDWARDS, B.S.A., Assistant Professor Animal Husbandry.

B.S.A., Ontario Agricultural College.

DEPARTMENT OF DAIRY HUSBANDRY

A. CROSBY ANDERSON, B.S., Professor of Dairy Husbandry.

B.S., Michigan Agricultural College, 1906; Instructor Animal Husbandry, M. A. C., 1905-1908; Assistant Professor Dairy Husbandry, 1908-1909; Associate Professor Dairy Husbandry, 1909-1910, Dairy Husbandry Experiment Station. Member of Michigan Academy of Science; Member of American Society of Animal Nutrition; Member of American Genetic Association; Editor of Journal of Dairy Science; Vice-President of American Dairy Science Association.

HAROLD W. F. NEWHALL, B.S.A., Associate Professor in Dairy Husbandry.

B.S.A., Toronto University (Ontario Agricultural College), 1911; Instructor in Dairying, Michigan Agricultural College, 1911-1912; Carlyle Dairy Company, Calgary, Alberta, 1912-1913; Sanitary Dairy Limited, St. Catherine, Ontario, 1913-1917.

HOMER EDWARD DENNISON, B.S., Instructor in Dairy Husbandry.

B.S., Michigan Agricultural College, 1913; Teacher of Agriculture, Manchester, Michigan, 1911-1912; Instructor in Dairy Husbandry, Michigan Agricultural College, 1912-1914; Assistant Professor in Dairy Husbandry, Michigan Agricultural College, 1917-1918. Eunomian.

ROYCE WILLARD WYATT, B.S., Instructor in Dairy Manufactures.

B.S., Michigan Agricultural College, 1916; Instructor in Dairy Department, 1916-1917. Entered United States Army, February 15, 1918, as a private.



F. A. HAGEDORN, B.S., Instructor in Dairying.

B.S., Michigan Agricultural College, 1916. Member Columbian Literary Society; Scabbard and Blade.

W. E. J. EDWARDS, B.S.A., Instructor in Animal Husbandry.

B.S.A., Ontario Agricultural College, 1910; Graduate School of Agriculture, Michigan Agricultural College, 1912; Representative Ontario Department of Agriculture, 1910-1914; Instructor in Animal Husbandry, Michigan Agricultural College, 1914.

DEPARTMENT OF FARM CROPS

JOSEPH FRANK Cox, B.S., Associate Professor of Farm Crops; Acting Head of Farm Crops Department.

B.S., Ohio State University, College of Agriculture, 1912; Field Assistant, Department of Botany, Ohio Experiment Station, 1912; Instructor in Agronomy, Pennsylvania State College, 1912-1913; Farm Crops Department, Michigan Agricultural College, 1913—.

EUGENE E. DOWN, B. S., Superintendent of Field Work in Plant Breeding and Assistant in Farm Crops.

B.S., Michigan Agricultural College, 1915; Superintendent of Farm in Lenawee County during remainder of 1915; Entered upon duties at Michigan Agricultural College, January, 1918; at present in 1st Company Infantry Officers' Training Camp at Camp Custer.

FRANK A. SPRAGG, B.S.A., M.S., Plant Breeder.

B.S.A., Montana Agricultural College, 1902; M.S., Michigan Agricultural College, 1906; in charge Agricultural Exhibit during World's Fair, St. Louis, 1904; Plant Breeder at Michigan Agricultural College, 1906-1908; Introduced the following improved varieties: Worthy and Alexander Oats, 1911; Rosen Rye, 1912; Red Rock Wheat, 1913; Michigan Winter Barley, 1914; Robust Beans, 1915; Success and College Wonder Oats, 1916; Michtooro Barley and Wolverine Oats, 1917; of these four examples there were about 100,000 acres of Red Rock Wheat, and 250,000 acres of Rosen Rye sown in Fall of 1917. Life Member of American Genetics Association; Member of American Society of Agronomy; Member of Botanical Society of America; Member of American Association for the Advancement of Science.





FOSTER RUDOLPH, B.S., Graduate Assistant of Farm Crops.

B.S. Agriculture, Pennsylvania State College, 1917. Eclectic Society at Michigan Agricultural College; Acacia, Pennsylvania State Chapter; Sem Bot, Michigan Agricultural College; Member of American Genetic Association; Member of American Association for the Advancement of Science.

JOHN WHITNEY NICOLSON, B.S., Extension Specialist, Farm Crops.

B.S., Michigan Agricultural College, 1915. Delphic; Sem Bot; Scabbard and Blade; Alpha Zeta.

DEPARTMENT OF FARM AND HORSES

RALPH STOWELL HUDSON, B.S., Foreman of Farm.

B.S., Michigan Agricultural College.

DEPARTMENT OF FARM MECHANICS

HARRY HAVES MUSSELMAN, B.S., Associate Professor of Farm Mechanics.

B.S., Michigan Agricultural College; Agricultural Work, 1909; with Whitehead & Kales Structural Iron Works of Detroit, 1910; assumed present position, 1910. Member American Society of Agricultural Engineers, President 1914; Member Michigan Academy Science; Eunomian Society; Tau Beta Pi.

ORSEL EDWIN ROBEY, B.S., Extension Specialist and Household Engineering.

C. N. RIX, Instructor Short Courses.

D. N. THOWER, Instructor Short Courses.

W. DUNCAN, Instructor.

DEPARTMENT OF POULTRY HUSBANDRY

CHARLES HENRY BURGESS, A.B., Associate Professor of Poultry Husbandry.

A.B., Michigan Normal College, 1895; Superintendent of City Schools to 1912; Assistant in Chemistry, Michigan Agricultural College, 1913-1914; Assistant Professor in Poultry Husbandry, 1915-1916-1917. Life Member of American Poultry Association; Life Member of International Association of Investigators and Instructors of Poultry Husbandry; Secretary of Michigan Poultry Association.

BERNARD A. KNOWLES, B.S., Instructor in Poultry Husbandry.

DEPARTMENT OF FORESTRY

ALFRED KNIGHT CHITTENDEN, M.F., Professor of Forestry.

Ph.D., Sheffield Scientific School, Yale University, 1900; M.F., Yale University, 1902; Study Abroad, 1903; United States Forest Service, 1903; United States Geological Survey; Assistant Forest Inspector, 1905; Assistant District Forester, 1907; Forest Inspector, 1910; Forester Department of the Interior; Experiment Station, University of Illinois, 1913; Professor of Forestry, Michigan Agricultural College, 1914—. War Committee; Society of American Foresters; Chairman State Wood Fuel Committee; Sigma Zi; Xi Sigma Pi.

FRANK HOBART SABFORD, M.For., Associate Professor of Forestry.

B.S. in Forestry, Michigan Agricultural College, 1904; M.For., 1913; Manager of Private Forest Nursery, 1905-1906; Assistant Professor in Forestry, Michigan Agricultural College, 1909; U. S. Forest Service, 1911; Associate Professor, 1916. Member Society American Foresters; Lansing Commandery No. 25; Columbian Society, M. A. C.; Secretary Michigan Maple Sugar Makers' Association, 1918.

EDMUND CARL MANDENBERG, B.S., Extension Specialist in Forestry.

B.S., Michigan Agricultural College, 1915. First Battery, O. T. S., Camp Custer, Michigan.



DEPARTMENT OF HORTICULTURE

HARRY JOSHUA EUSTACE, B.S., Professor of Horticulture; with the Federal Food Administration.

B.S., Michigan Agricultural College, 1901; Master Horticulture, Michigan Agricultural College, 1910; Assistant Botanist, New York Agricultural College, 1901-1906; Assistant Pomologist, U. S. Department of Agriculture, 1906-1908; Professor of Horticulture, Michigan Agricultural College, 1908—; 1915-1916, on leave of absence, studied Horticulture in important fruit regions of United States; 1917 to date, services loaned U. S. Food Administration by State Board of Agriculture upon request of Mr. Herbert Hoover.

CHARLES PARKER HALLIGAN, B.S., Associate Professor of Horticulture.

B.S., Massachusetts Agricultural College, 1903; Instructor two years, National Farm School, Pennsylvania; Instructor Landscape Gardening, Massachusetts Agricultural College; Instructor Horticulture, Michigan Agricultural College, 1907; Assistant Professor, 1908; Associate Professor, 1913—.

ROBERT EARL LOREE, B.S., Instructor in Horticulture.

B.S., Michigan Agricultural College, 1913. Member Alpha Zeta, 1911; Honorary Member Delphic Society, 1914.

RALPH WESLEY PETERSON, B.S., Assistant Instructor in Horticulture.

B.S., Michigan Agricultural College, 1916; University of Minnesota. Sem Bot; Dorian Society.

THOMAS GUNSON, B.S., Superintendent of College Grounds; Instructor in Horticulture.

DEPARTMENT OF SOILS

MERRIS M. McCool, Ph.D., Professor of Soils.

B.S., Missouri University, 1908; M.S., Cornell, 1910; Ph.D., Cornell, 1912; Assistant Missouri State Soil Survey, 1906-1908; Instructor N. Y. State College of Agriculture, Cornell University, 1908-1912; Assistant Professor in Soils, Oregon Agricultural College, 1912-1914; Professor of Soils, Michigan Agricultural College, 1914—. Sigma Pi.

GEORGE M. GRANTHAM, B.S., Assistant Professor of Soils.

B.S., University of Illinois, 1914. Alpha Zeta.

CHARLES ERNEST MILLAR, M.S., Assistant Professor of Soils.

B.S., University of Illinois, 1909; M.S., University of Illinois, 1911; B.S.A., Kansas State Agricultural College, 1915; Graduate Assistant in Chemistry, University of Illinois, 1909-1910; Assistant in Soil Chemistry, Kansas State Agricultural College, 1910-1913; Assistant in Soils, ibid, 1913-1914; Instructor in Soils, ibid, 1914-1915; Assistant Professor of Soils, Michigan Agricultural College, 1915—. Phi Lambda Upsilon; Alpha Zeta.

CHARLES H. SPURWAY, B.S., M.A., Assistant Professor of Soil Physics.

WINTER COURSES

ASHLEY MOSES BERRIDGE, B.S., Director of Winter Courses.

B.S., Michigan Agricultural College, 1912; Director of Winter Courses, 1916-1918; Extension Lecturer, 1915-1916; Farmers' Institute Lecturer, 1914-1915; Farm Owner and Operator, Greenville, Michigan. President Greenville Fair Association, 1915-1918.



Division of Extension Work

(Michigan Agricultural College and United States Department of Agriculture Co-operating)

ROBERT JAMES BALDWIN, B.S., Director Extension Work.

B.S., Michigan Agricultural College, 1904; One Year University of Michigan, 1907-1908; Science Teacher, Traverse City High School, 1908-1910; Clerk to Dean of Agriculture, 1910-1913; Director of Extension Work, 1913—.

KARL H. MCDONEL, B.S., Assistant Extension Director.

B.S., Michigan Agricultural College, 1916; Farm Management Demonstrations, 1916-1917, Michigan Agricultural College and United States Department of Agriculture. Ionian Literary Society.

EXTENSION SPECIALISTS

Representing the Several Departments of the College

William Franklin Raven, Extension Representative in Upper Peninsula. Ivan Karl Maystead, B.S., Extension Specialist in Farm Crops. John Whitley Nicolson, B.S., Extension Specialist in Farm Crops. John Henry Carmody, B.S., Extension Specialist in Horticulture. Clarence W. Waid, B.S., Extension Specialist in Potatoes and Vegetables. Charles Philo Reed, M.Agr., Extension Farm Management Demonstrator. Paulina Elona Raven, M.S., Extension Specialist in Home Economics. Margaret M. Justin, B.S., Extension Specialist in Household Engineering. Orsel Edwin Robey, B.S., Extension Specialist in Household Engineering. Don Bion Whelan, M.S., Extension Specialist in Control of Insect Pests. James Aaron Waldron, B.S., Extension Specialist in Live Stock. John Allen Petrie, B.S., Extension Specialist in Horticulture. Edna Viola Smith, B.S., Assistant in Home Economics. Edmund Carl Mandenberg, B.S., Extension Specialist in Forestry. Clara King Morris, B.S., Assistant in Home Economics. Ezra Levin, B.S., Special Worker in Muck Land Crops.





COUNTY AGRICULTURAL AGENTS

EBEN MUMFORD, Ph.D., Head of County Agent Department.

A.B., Buchtel College, 1896; Graduate Student in Sociology, Economics and Psychology, University of Chicago, 1897-1900; Fellow in Sociology, University of Chicago, 1900-1901 and 1902-1904; Student at University of Berlin, 1901-1902; University of Paris, 1902; Ph.D., University of Chicago, 1906; Fellow in Psychology, Clark University, 1908-1909; Student at New York School of Philanthropy, 1909; Associate Professor of Sociology and Economics, James Millikin University, 1910-1911; Professor of Sociology and Economics, Lombard College, 1912; State Leader, Farm Management Field Studies and Demonstrations, Michigan Agricultural College, 1912—.

E. P. Robinson, B.S., Assistant State Leader County Agents. James Wade Weston, B.S., 1914, Assistant County Agent Leader, Upper Peninsula. Charles Benjamin Cook, B.S., Assistant to State Leader. Roy Gabriel Hoopingarner, B.S., Iron. Harvey George Smith, B.S.A., Kent. Jason Woodman, B.S., Kalamazoo. Claude Lawrence Nash, B.S., Branch. Harry B. Blandford, Newaygo. Leo M. Geismar, Houghton. George E. Piper, B.S., Wexford. James Frank Kadonsky, B.S., Gogebic. John Martin Wendt, B.S., St. Joseph. Clark Louis Brody, B.S., St. Clair. Lee Roy Walker, B.S., Marquette. Clinton Vede Ballard, B.S., Dickinson. Curtis Linden Coffeen, B.S., Lenawee. Roswell Gilbert Carr, B.S., Ontonagon. Carl Henry Knopf, B.S., Cheboygan. Deloy Lesly Hagerman, B.S., Ottawa. Leslie Olds, Muskegon. Russell Vaughan Tanner, B.S., Mason. Theodore Austin Farrand, Van Buren. David Woodman, Alpena. Alfred Bentall, Allegan. Harry J. Lurkins, Berrien. Frank Sandhammer, B.S., Manistee. Elton Brainard Hill, B.S., Menominee. Edward Glenn Amos, B.S., Schoolcraft.





BOYS' AND GIRLS' CLUBS

EDWARD CHRISTIAN LINDEMANN, B.S., State Leader for Boys' and Girls' Clubs.

B.S., Michigan Agricultural College, 1911; Editor, The Gleaner, 1911-1912; Social Work, Plymouth Church, Lansing, 1913; State Leader for Boys' and Girls' Clubs, Michigan Agricultural College and U. S. Department of Agriculture, 1914-1918. Eunomian; Alpha Zeta; Cosmopolitan Club; Editor Holcad; Football Manager, 1910; President Y. M. C. A., 1910; Literary Editor Junior Annual, 1910; Chairman Gardening Section of Michigan State Teachers' Association, 1917-1918; Michigan Representative American Gardening Association, 1917-1918; Member of Committee on Rural Social Problems, National Conference of Social Workers, 1917; President Michigan Agricultural College Extension Workers' Association, 1918; Member State Advisory Committee War Savings Stamps, 1918; Enrolling Officer at Large of Federal Boys' Working Reserve, 1918.

CHESTER AUGUSTUS SPAULDING, B.S., Assistant.

REUBEN N. KEBLER, B.S.

Teacher Agriculture, Hastings, Mich., 1914-1917. District Club Leader of the Upper Peninsula, 1917—.

ARNE GERALD KETTUNEN, B.S., Emergency Assistant State Club Leader.

B.S., Michigan Agricultural College, 1917; County Club Leader of Boys' and Girls' Clubs, Houghton County, 1917; Emergency Assistant State Club Leader for Boys' and Girls' Clubs, 1918. Eunomian; Alpha Zeta; Sem Bot; Member of Michigan Agricultural College Extension Workers' Association.

EMIL CONRAD VOLZ, M.S.A., Assistant State Club Leader.

B.S., Michigan Agricultural College, 1918; M.S.A., Cornell University, 1918; Instructor in Horticulture, Iowa State College, 1914-1916; Instructor Department of Floriculture, Cornell University, 1916-1918. Eunomian; Alpha Zeta.

ANNA BRYANT COWLES, B.S., Assistant.

ELDA ROBB, B.S., Assistant.

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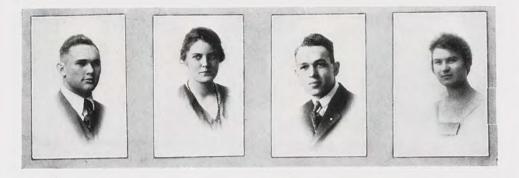
Charles Parker Halligan, B.S., Associate Horticulturist. George Arthur Brown, B.S., Associate in Charge of Animal Husbandry. Harry Hayes Musselman, B.S., Associate in Charge of Farm Mechanics. Charles Henry Burgess, A.B., Associate in Charge of Poultry Husbandry. George Daniel Shafer, Ph.D., Associate Entomologist. Frank A. Spragg, M.S., Research Associate in Farm Crops (Plant Breeds). Charles Summers Robinson, A.B., M.S., Research Associate in Chemistry. Rufus Percival Hibbard, Ph.D., Research Associate in Plant Physiology. George Herbert Coons, Ph.D., Research Associate in Plant Pathology. George John Bouyoucos, Ph.D., Research Associate in Soils. Charles William Brown, B.S., Research Assistant in Bacteriology. Leslie Harrison Cooledge, A.M., Research Assistant in Bacteriology. James Franklin Morgan, M.A., Research Assistant in Bacteriology. Orrin Bowman Winter, A.B., Research Assistant in Chemistry. Hans Julian Bock, M.S., Research Assistant in Horticulture. Elroy John Miller, M.S., Research Assistant in Chemistry. Lydia Zae Northrup, B.S., A.M., Assistant in Bacteriology. Eugenia Inez McDaniel, A.B., Assistant in Entomology. Walter Curtis Dutton, B.S., Assistant in Horticulture. Grover Cleveland Woodin, B.S.A., Assistant in Entomology. Fred Thomas Riddell, B.S., Assistant in Dairy Husbandry. Eugene Franklin Berger, B.S., Assistant in Chemistry. Jay Howard Muncie, M.A., Assistant in Plant Pathology. Allen Ellwood Smoll, A.B., Assistant in Chemistry. Edward Adrain DeWindt, B.Ch.E., Assistant in Chemistry. Eldon Eugene Down, B.S., Assistant in Farm Crops. Arthur Clinton Lytle, B.S., Assistant in Dairying. Stanley J. Brownell, B.S., Assistant in Dairying. Ralph Wesley Peterson, B.S., Assistant in Horticulture. Raymond Nelson, B.S., Graduate Assistant in Botany. Herdis Leo Lewis, B.S., Graduate Assistant in Botany. Clinton Fisk Barnum, B.S., Inspector of Feeds and Fertilizers. Frank Foster Hebard, B.S., Inspector of Feeds and Fertilizers. Mrs. Linda Eoline Landon, Librarian. Mrs. Myra Viola Bogue, Bulletin Clerk.

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EDGAR SHANNON ANDERSON "Theda Bara" *East Lansing* Horticulture, Sem Bot, Dorian, Associate Editor Holcad (4), Hort Club, Chorus

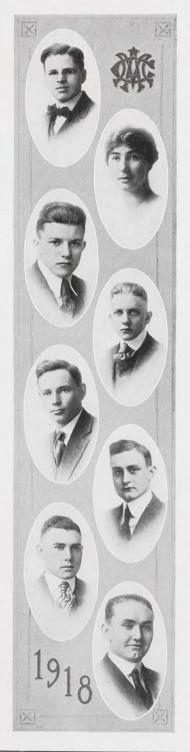
> EGBERT JAMES ARMSTRONG "Arny" Upper Marlboro, Md. Horticulture, Hort Club

CHARLES EDWIN ATWATER "At" *Fennville* Agriculture

> DONALD C. BEAVER "Doc" Detroit Veterinary, Forensic, Alpha Psi, M. A. C. Veterinary Medical Association, Associate Editor Holcad (4)

RICE A. BEERS "Rab" *Richland* Engineer, Aurorean, Chorus

> DONALD R. BENNETT "Bennie" Silver Creek, N. Y. Horticulture, New York Club, Hort Club, Associate Editor Holcad (4)







GLEN IRVING BLADES Lansing Horticulture, Alpha Zeta, Class Basket Ball (4), Hort Club, Dramatic Club (3)

> ROYAL J. BONDIE "Bun" Dearborn Engineer

G. HOBART BRIGHAM "Brig" Buckley Engineer, Tau Beta Pi, Olympic, Varsity Basket Ball (4), Class Basket Ball (2) (3), Class Football (3), Engineer Society

> TRACY VERNON BROUGHTON "Trace" Birmingham Agriculture, Ionian, Farmers' Club, Dairy Seminar, J Hop Committee

LINCOLN EVERETT BUELL Ann Arbor Agriculture, S. C. L.

> WALTER JOSEPH BUGAI "Walt" *Cedar City* Agriculture, Forensic, Class Baseball (3), Class Football (2) (3), Scrub Football (3)

INA L. BUTLER East Lansing Home Economics, Letonian

> C. HAROLD BUTTOLPH *Pontiac* Horticulture, Forensic, Alpha Zeta, First Lieutenant, R.O. T.C.



LYTTON CALROW "Cal" Lansing Horticulture, Scabbard and Blade, Jonian, R. O. T. C., Illinois Club, Hort Club, Advertising Manager '17 Wolverine, J Hop Committee, Barbecue Committee, Commence-ment Program Committee, Senior Publicity Committee, Captain Co. G, Officer's Association

WILLIS CAMPBELL "Fat" Alpena Agriculture, Band, Farmers' Club, Class Football

RUTH ELIZABETH CARGO "Peep" Bellevue Home Economics, Omicron Nu, Letonian, L. S. C., Y. W. C. A. Cabinet

MARTIN FRANCIS CARMODY "Red" *Grand Rapids* Horticulture, Olympic, M. A. C. Union (3), Inter-Society Union, J Hop Committee

AILEEN CARNEY Decatur Home Economics, Omicron Nu, Themian

VERA FOSTER CAVANAGH Haslett Home Economics, Ero Alphian, Sphinx, J Hop Committee, Class Vice-President (3)

WILLIAM N. CAWOOD "Bill" Marlette Agriculture, Scabbard and Blade, Alpha Zeta, Student Council (3) (4), Major Second Battalion, J Hop Committee, Class Baseball (2) (3) (4), Class Football (3) (4)

JOHN ALEX. CHISHOLM "Chis" Montague Agriculture, Farmers' Club, Class Football (3), Scrub Foot-ball (4)







LOUIS HENRY COHEN New York City Agriculture

L. MERLE CHUBB Mt. Clemens Home Economics, Omicron Nu, Themian, J Hop Committee, Woman's Student Council (4), Class Secretary (4)

ALICE GUNN CLEMENTSEN "Al" Holt Home Economics, Ero Alphian

WM. ROBERT COLLINSON "Red" *Midland* Engineer, Phylean, Class Base-ball (2), Class Football (2), Manager Class Football (3), J Hop Committee

MARION INEZ COOK "Cookie" *Lansing* Home Economics, Ero Alphian, Art Editor '17 Wolverine

WILLARD MOSES COULTER "Bill" Grand Rapids Horticulture, Eclectic, Hort Club, Scrub Football (2), Class Basket Ball (2) (3) (4), J Hop Committee, J Hop Toast Com-mittee, Dramatic Club (4), Class Treasurer (4)

MARY CROCKER "Crock" *Algonac* Home Economics, Omicron Nu. Sphinx

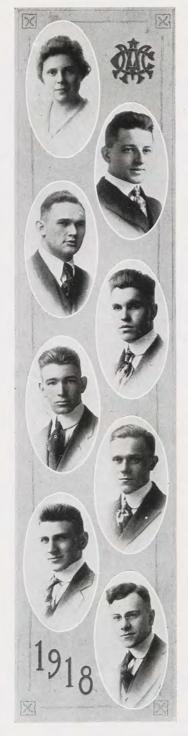
FRANK A. DAVIS "Dare" Lansing Horticulture, Eunomian, Hort Club, Student Council (4), Class Track Team (2), Class Basket Ball (4), Liberty League, Manager Hort Show (4)



'18 Men in Service







BLANCHE DAVIS East Lansing Home Economics

> THOMAS C. DEE "Tommy" Brooklyn, N. Y. Engineer, Tau Beta Pi, Scabbard and Blade, Forensic, Varsity Yell Master, R. O. T. C., Editorin-Chief Holcad, Officers' Association, Inter-Society Union, Engineer Reserve, Engineer Society, New York Club, Class Football, Basket Ball and Baseball, Bull Moose

RAMOND JOHN DE MOND "Frenchie" *Clarkston* Engineer, Varsity Club, Phylean, Varsity Baseball (2) (3) (4), Athletic Board of Control, Senior Class President, Bull Moose

> HENRY GUY DENNING "Guy" Jonesville Engineer, Olympic, Engineer Society, Bull Moose

CLARK ASHLEY DETTLING "Det" *Allegan* Agriculture, Orphic, Farmers' Club

> FRANCIS DE WINTER "Red" Detroit Agriculture, Class Basket Ball (3)

WILLIAM DE YOUNG "Bill" Augusta Agriculture, Hermian, Farmers' Club, Inter-Society Union, Class Football (4), Scrub Football (4)

> HENRY DORR, JR. "Hank" *Chicago, Ill.* Forestry, Xi Sigma Pi, Sem Bot, AE-Theon, Forestry Club, Chief Forester, Intercollegiate Association of Forestry Clubs, Inter-Society Union, Editor M. A. C. Forester (3) (4), Illinois Club, Band, Chorus, Orchestra



WALTER O. DOW "Walt" Boyne City Engineer, Tau Beta Pi, Y. D.

RICHARD L. DOYLE "Dick" *Hastings* Engineer, Tau Beta Pi, Scabbard and Blade, Eunomian, Engineer Society

MURIEL ELIZABETH DUNDAS Bad Axe Home Economics, Omicron Nu, Girls' Glee Club (2) (3) (4)

LLOYD RALPH DUNSTAN "Dunnie" Lake Linden Agriculture, Orphic

EDWARD F. ELDRIDGE East Lansing Horticulture, Band, College Orchestra

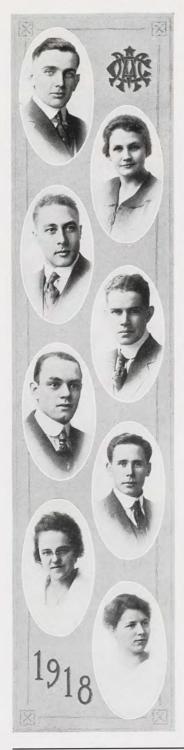
FERN FIXLEY FERRIS Allegan Home Economics, Themian, Girls' Glee Club (2) (3), J Hop Committee, J Hop Toast Committee

EDWARD CHARLES FISCHER "King" Saginaw Agriculture, Scabbard and Blade, Union Lit, Officer's Association, Captain Co. E, R. O. T. C.

HOWARD LEWIS FISHER "Bud" *Lorain, Ohio* Horticulture, Columbian, Hort Club, Buckeye Club, Athletic Editor '17 Wolverine







GEORGE THADDEUS FLEMING "Perry" Shelby Agriculture, Orphic, Farmers' Club

> MAY E. FOLEY St. Johns Home Economics, Omicron Nu

HOLMES L. FROELICK "Holmes" Fremont Engineer, Delphic, Class Track, Class Football (4), Scrub Football (4), Engineer Society, Student Member A. S. M. E.

> FLOYD RUSSEL FRYE "Gus" Lansing Engineer, Aurorean; Engineer Society, Inter-Society Union

PERCY HARP GATES "Puss" Bay City Engineer, Orphic, Class Football (2), A. S. M. E.

> SOLOMAN GERSHBERG East Lynn, Mass. Agriculture

CLEO HAZEL GLEDHILL Galion, Ohio Home Economics, Letonian, Y. W. C. A. Cabinet, L. S. C., Buckeye Club, Woman's Student Council (3)

> JESSIE A. GODFREY "Jakie" *Parma* Home Economics, Letonian



IVA GRANGER Berrien Springs Home Economics, Letonian, L. S. C.

MARION L. GRETTENBERGER Okemos Home Economics, Omicron Nu, Letonian, L. S. C., Y. W. C. A. Treasurer

GLADYS GRUNER "Glad" Coldwater Home Economics, Omicron Nu, Ero Alphian, Sphinx, J Hop Committee

MORRIS A. HARKAVY "Hark" Brooklyn, N. Y. Engineer

GLADYS ALURIA HARKER "Glad" Detroit Home Economics, Sororian, '17 Wolverine Staff, Class Vice-President (4)

JOHN HERBERT HARMAN "Jack" Minneapolis, Minn. Horticulture, Scabbard and Blade, Forensic, Hort Club, Glee Club, Mandolin Club, Captain Cadet Corps, R. O. T. C., Officer's Association

AMANDA HELEN HARMS "Mandy" *Reesel* Home Economics, F. I. Club, L. S. C.

-

MARY MARGARET HARRINGTON Hubbell Home Economics, Dramatic Club





'18 Men in Service





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H. B. HALE



C.H. HILLER





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L. GOLPBERG



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M.G.JEWETT



A.H.JOEL

F.H.ESSELSTYN

H.P. HAIGHT

L.K.HICE

N.K.KOLEMAN



L.N. JONES



BEULAH HÁRRIS Rock Island, Ill. Home Economics, Omicron Nu, Themian, Student Council (4), Sphinx, J Hop Committee, '17 Wolverine

WALLACE EDGAR HARTMAN "Hart" Augusta Engineer, Hermian, A. S. M. E., Engineers Enlisted Reserve Corps, Engineer Society

GEORGE RONALD HAYES Omer Engineer, Class Baseball (2), Class Baseball Manager (4), Football (4), Scrub Football (4)

ETHEL M. HIGGINS Vassar Home Economics, Omicron Nu

ELMER BRUCE HINT Oakfield, N. Y. Agriculture, Dorian, New York Club, Y. D.

PERCY JAMES HOFFMASTER "Pat" Cowan, Pennsylvania Horticulture, Keystone State Club, Hort Club, College Choir

HENRY CURTIS HOWARD "Curt" Jamestown, N. Y. Agriculture, Hermian, S. C. L., Varsity Debate (3) (4)

FRED JOHN HUGHES "Freddie" Lansing Horticulture, Hort Club, Class Basket Ball (3) Class Basket Ball Manager (4)







RAY HUNTER Oakwood Agriculture, Hermian, Farmers' Club, Students' Liberty League, J Hop Committee

> CHAS. A. HUTULA "Hut" Covington Agriculture

ARNE IBSEN "Iby" *Detroit* Agriculture, Phi Delta, J Hop Committee

> HAROLD AUGUSTUS IDDLES South Haven Agriculture, Eunomian, Alpha Zeta, Farmers' Club, J Hop Committee, '17 Wolverine, Glee and Mandolin Club (1) (2) (3) (4), Chapel Choir

THERON L. INGERSOL "Bob" Elsie Horticulture, Dorian, Y. M. C. A. Cabinet, Lieutenant (3) (4), Advisory Board Y. M. C. A.

> PAUL C. JAMIESON "Jimmie" Wayne Agriculture, Hermian, Married Students' Association, Farmers' Club, Class Track Squad (1) (2) (3), Varsity Track Squad (1)

IVA OLINE MARIE JENSEN "Jennie" *East Lansing* Home Economics, Sororian, Splinx, J Hop Committee, Class Secretary (1), M. A. C. Union

> CLEMENT CHAS. JOHNSON "Johnny" Salem, Ohio Engineer, Class Baseball (3), Class Football (1) (2) (3), Scrub Baseball (1) (2), Engineer Reserve Corps



MARY JOHNSON Marion Home Economics, Omicron Nu, Sphinx, Women's Student Council

HENRY G. JOOST "Hank" Dwight, Illinois Agriculture, Union Lit, Illinois Club

HOWARD V. JORDAN "Pete" McDonald, Pennsylvania Agriculture, Alpha Zeta, Inter-Society Union, Athenaeum, Farmers' Club, Keystone State Club

THOMAS WILLIAM KEATING "Thos" Grand Rapids Engineer, Tau Beta Pi, Liberal Arts Union, Scabbard and Blade, Eclectic, J Hop Com-mittee, J Hop Toast

RALPH EMERSON KELLEY Sturgis Agriculture, Farmers' Club

ORVA LEWIS KIMBLE "Kim" Bryan, Ohio Agriculture, Delphic, Buckeye Club

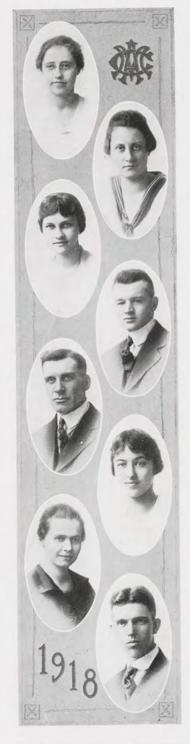
LEON KOCHMAN Cleveland, Ohio Veterinary

JOHN ERNEST KOTILA "Kote" Hancock Horticulture, Alpha Zeta, Sem Bot, Ionian, Hort Club, Class Football (2) (3) (4), Class Base-ball (2) (3), Varsity Scrubs (4)



.





BERTHA LANKTON "Bert" *Lansing* Home Economics, Omicron Nu, Sesame

> GLADYS MARGARET LASENBY Mason Home Economics, Feronian, J Hop Committee

ARNOT LAZELLA LEWIS Port Huron Home Economics, Omicron Nu, Feronian, Sphinx, J Hop Committee, Woman's Student Council (3)

> EDWARD D. LONGNECKER "Longie" Shelby Agriculture, Sem Bot, Orphic, Cross Country (2) (3), Varsity Track (2) (4)

H. LYONS East Lansing Agriculture, Married Students' Association

> BLANCHE McNAUGHTON Grand Rapids Home Economics, Sororian, J Hop Committee, Union Board (4), Dramatic Club

ALICE J. McCARTNEY Lake Odessa Home Economics, Letonian, L. S. C.

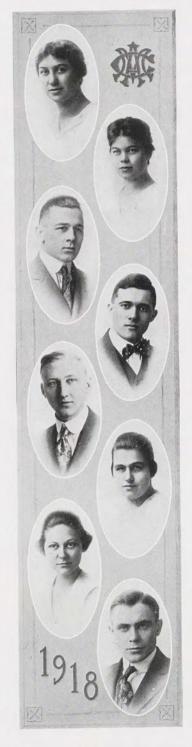
> HAROLD H. McKINNEY "Mack" East Lansing Agriculture, Alpha Zeta, Sem Bot, Married Students' Association



'18 Men in Service







MABLE McLACHLAN Sault Ste. Marie Home Economics, Omicron Nu, Letonian, Sphinx

> EDITH ELIZABETH MASON AvocaHome Economics, Omicron Nu

RALPH H. MAJOR Oreana, Illinois Engineer, Forensic

> W. FLOYD MANBY Battle Creek Agriculture, Dorian, Inter-Society Union, S. C. L., Farmers' Club, Officers' Association, First Lieutenant Co. E

.

CHARLES LEO MARGESON "Margy" Union City Engineer, Trimoira, S. C. L., Second Lieutenant Co. E

> FERN H. MOORE Mason Home Economics

MARION MORSE "Mort" *Lansing* Home Economics, Feronian

> BYRON MURRAY Marquette Engineer, Olympic, Varsity Basket Ball (3) (4), Class Football (3)



MORRIS NELSON Grand Rapids Engineer, Olympic, Class Football (2) (3), Reserve Football (3)

> QUINDARA OLIVER "Quin" East Lansing Home Economics, Ero Alphian, J Hop Committee

SABRA OLIVER "Sabe" *East Lansing* Home Economics, Ero Alphian, J Hop Committee, Class Secretary (3)

> CALVIN J. OVERMYER "C. J." Fremont, Ohio Agriculture, Scabbard and Blade, Delphic, R. O. T. C., Major, Officers' Association, Buckeye Club, Dairy Seminar

RUTH E. PATERSON "Pat" Grand Rapids Home Economics, Feronian, J Hop Committee, Sphinx, Y. W. C. A. Cabinet (4)

> CLARE J. PERRY Augusta Horticulture, Scabbard and Blade, AE-Theon, Hort Club, R. O. T. C.

RUSSEL V. PERRY "Bud" *Ludington* Engineer, Track (1)

> HELEN EDWINA PIERCE Pasadena, California Home Economics, Feronian, Sphinx, J Hop Committee







CLARISSA J. PIKE "Criss" *Detroit* Home Economics, Sororian, J Hop Committee

> LEONARD S. PLEE "Pete" St. Joseph Engineer, Trimoria, Berrien County Club, Engineers Enlisted Corps

MARION PRATT East Lansing Home Economics, Sphinx, L. S. C., Glee Club

> MARY RAY Manistee Home Economics, Y. W. C. A. Cabinet (3), L. S. C.

FLOSSIE JANE READER "Floss" Scottville Home Economics, Sororian, J Hop Committee

> CLIFFORD M. REED "Cliff" Perry, Ohio Agriculture, Phylean, Buckeye Chub.

JULIA M. RIGTERINK Hamilton Home Economics, Omicron Nu, Themian, Sphinx, Varsity Tennis (2), J Hop Committee

> FANNY ROGERS Lansing Home Economics, Omicron Nu, Sesame, Sphinx, '17 Wolverine



JOSEPH RYAN New York City Horticulture, Dramatic Club

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HARVEY MAYNARD SASS "Whistler" *Comstock Park* Engineer, Trimoira, Y. M. C. A. Cabinet (4), Inter-Society Union, Liberal Arts Committee, S. C. L., Student Member A. S. M. E.

EARL E. SAYRE "E. E." Durand Engineer, Trimoria

ROY MAURICE SHANE Rapid River Agriculture, Phylean, Farmers' Club, Alpha Zeta, Dairy Seminar, Assistant Business Manager '17 Wolverine, Rifle Team (1) (2) (3)

F. ERMA SHATTUCK Sand Lake Home Economics, Themian, J Hop Committee

LOUIS S. SHERWIN Brooklyn, New York Agriculture

RUSSEL S. SIMMONS "Sim" Alpena Horticulture, Ionian, Hort Club, Holcad Staff (2), Assistant Editor (3), Humorous Editor '17 Wolverine, Class Tennis Manager (3), J Hop Committee, First Lieut. Cadet Corps, Cap Night Com-mittee, Senior Publicity Com-mittee, Manager Holcad (4)

BLANCHE A. SMITH Elba Home Economics





'18 Men in Service





FRANCES SMITH "Fran" Baldwinsville, N. Y. Home Economics, Sesame, New York Club

> MARION HENRIETTE SMITH Caro Home Economics, Feronian, Girls' Glee Club (1), J Hop Committee, Dramatic Club

ALTA A. SNOW Richland Home Economics, Letonian

> FRANK O. STANG "F. O." *East Tawas* Engineer, Orphic, Band, Bull Moose

DORIS DALE STEVENSON Charlevoix Home Economics, Omicron Nu, Letonian, Sphinx

> BENJAMIN C. STONE Brooklyn, N. Y. Agriculture

ARTHUR L. STRANG "Art" Quincy Agriculture, Alpha Zeta, Delphic, Farmers' Club, R. O. T. C., Officers' Association

.

ROBERT THOMPSON Newaygo Agriculture, Xi Sigma Pi, Forestry Club







JOSEPH TURNER "Red" *Whitney* Agriculture, Olympic, Varsity Club, Varsity Football (3) (4)

> GRACE WILLINGTON URCH Bay City Home Economics, Sesame, M. A. C. Union

HARRIETT LUCILLE URCH "Lou" Bay City Home Economics, Sesame

> HYMAN VIRSHUP New York Agriculture

CAROLINE L. WAGNER "Carol" Oberlin, Ohio Home Economics, Sororian, Assistant Art Editor '17 Wolverine College Chorus (2), Buckeye Club, L. S. C., Camp Fire Guardian (3), Y. W. C. A. Cabinet, Girls' Glee Club (1) (2) (3)

> ELDRED H. WALKER "Walk" Jamestown, New York Engineer, President Y. D.

MARY M. WARNER Lansing Home Economics, Sororian, Sphinx, Assistant Humorous Editor '17 Wolverine

> EARL MCKINLEY WATERS "Bud" East Lansing Engineer, Trimoira, Engineer Society, Student Member A. S. M. E.



MORRIS A. WATTLES "Watt" *Troy* Agriculture, Alpha Zeta, Phi Delta, Society Editor '17 Wolverine

> SERENO T. WELLMAN "Wellie" *Horton* Engineer, Columbian, Tau Beta Pi, J Hop Committee

GEORGE F. WELLS "Farmer" Buchanan Agriculture, Eclectic, Farmers' Club, Liberty League

> REX WILCOX Leslie Agriculture, Alpha Zeta, Phi Delta, Inter-Society Union, Class Football (2) (3), J Hop Committee, First Sergeant (3), Student Council (4)

EILEEN MARGERITE WILSON Cleveland, Ohio Home Economics, Sesame, Buckeye Club, J Hop Toast Committee

> GEORGE JOSEPH WOINER "Doc" Brooklyn, New York Veterinary, Veterinary Medical Association

WARREN W. WOOD Lawton Agriculture, Ionian, Farmers' Club, Class Baseball (3)

> FLORENCE YEITER Lowell Home Economics, Omicron Nu, Feronian, Sphinx, Women's Student Council (4), Co-ed Reporter for Holcad, J Hop Committee



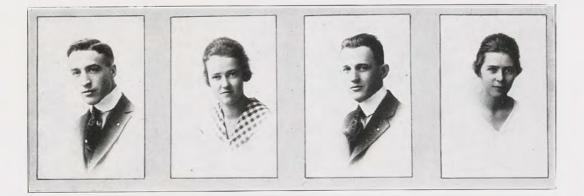


Photoless Seniors

W. K. Atkin W. H. Ballamy Eva G. Bouschor A. C. Brown J. A. Corbett Mary Crocker H. C. Diehl Margaret Gallandt Katherine A. Hume H. B. Jameson N. A. Kessler C. L. Margeson O. P. North S. Rabinowitz J. W. Randall C. F. Smith E. R. Smith H. F. Thayer G. W. Tiedemann N. E. Warner F. H. Wildern H. E. Wright







Class of 1919

CLASS OFFICERS

President, John L. Engles Vice-President, Sherli Blair Treasurer, R. B. Huxtable Secretary, Helen Edmonds

CLASS ACTIVITIES

Editor of Holcad, Einar E. Ungren Business Manager Holcad, R. B. Huxtable Football Manager, C. W. Andrews Basket Ball Manager, Russel Kelty Baseball Manager, H. Himebaugh Track Manager, C. M. Hatland Tennis Manager, J. M. Kuder

AUDITING COMMITTEE

H. A. Freeman Claudice Kober H. Campbell



ESTHER ALLEN Lansing Home Economics

,

FRANK CAMPBELL ALLEN "Old Top" Barnet, Vermont Engineer, Trimoira, S. C. L., New England Club, Cross Country (2) (3), Varsity Track (3)

WINSTON FIELDS ALLEN "Win" *Clinton* Agriculture, Sem Bot, Dorian, S. C. L., Farmers' Club, Lenawee County Club

CHESTER WARD ANDREWS "Chet" Napoleon Agriculture, Union Lit, Student Manager Band (3), Baseball Reserves, Class Football (3), President Inter-Society Union (3), Class Baseball (3), J Hop Committee, Band (1) (2) (3)

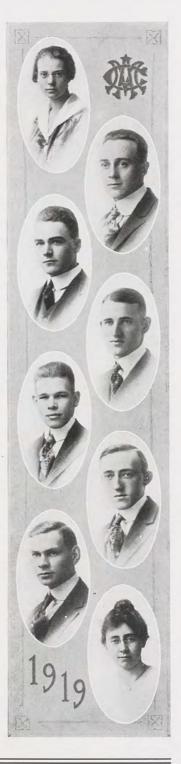
Ban "LAWRENCE C. ARCHER "Larry" Benton Harbor Agriculture, Varsity Club, J Hop Committee, Eclectic Society, All-Fresh Football, Reserve Varsity (2), Varsity (3), All-Fresh Basket Ball, Reserve Varsity Basket Ball, (2), Hort Club, Berrien County Club

DORR BAUMER "Boomer" Eaton Rapids Engineer, College Orchestra, Band, Principal Musician of Band

R. L. BAXTER "Father" Detroit Engineer, Columbian, Class Baseball (2)

.

RUTH IRENE BENJAMIN Grand Ledge Home Economics







E. R. BENKERT "Bennie" *Reed City* Engineer, Tau Beta Pi, Orphic, R. O. T. C., J Hop Committee

J. MERLE BENNETT "Benny" *Coldwater* Forestry, Xi Sigma Pi, Chief Forester (3), Eunomian, Forestry Club, Associate Editor M. A. C. Forester, Assistant Editor Holcad (3), Band

SHERLI CONSTANCE BLAIR Battle Creek Home Economics, Feronian, J Hop Committee, Class Vice-President (3)

P. G. BORGMAN Detroit Agriculture, AE-Theon, All-Fresh Football, Class Baseball Manager (2), J Hop Committee, Assistant Baseball Manager (3)

ALICE C. BRUNSON "Allie" *Ganges* Home Economics, Sororian, J Hop Committee

KATHERINE W. BURNS "Kak" Blissfield Home Economics, Sororian, Sphinx, Assistant Society Editor of '18 Wolverine

H. L. BUNTING "Bun" *Henderson* Engineer, Union Lit, J Hop Committee

CHARLES G. CALLARD "Cal", Lansing Engineer, Hesperian, Inter-Society Union, Engineer Society, Society Editor of '18 Wolverine, Band



H. T. CAMPBELL "Runt" Oxford Agriculture, AE-Theon, Glee and Mandolin Club (2), Manager Glee and Mandolin Club (3), J Hop Committee, Inter-Society Union, M. A. C. Union Board

> W. CAMPBELL Goshen, Indiana Agriculture

F. E. FOGLE Mason Agriculture, Ionian, Farmers' Club, Student Liberty League, Chorus

> HAROLD GLENN CARROW "Torchy" Bay City Engineer, Trimoira, Class Baseball (1), J Hop Committee, Class Basket Ball (2), Inter-Society Union

ORENNA CASWELL East Lansing Home Economics, Ero Alphian, Sphinx, Women's Student Council (2) (3)

> LEILA ELECTA CLEMENTS Lansing Home Economics, Sem Bot

ADA F. COBB Lansing Home Economics

> GERTRUDE OLIVE COLE Toledo, Ohio Home Economics, Letonian, Sphinx, S. C. L., Y. W. C. A. Cabinet (2) (3), Buckeye Club, Girls' Glee Club, Chapel Choir







CLAUDE COLEMAN "Colie" Vicksburg Engineer, Engineer Society, Band, Reserve Basket Ball (3), Class Football (2), J Hop Committee

MARJORIE COOK "Cookie" Otsego Home Economics, Sesame, Glee Club

MARGARET COPAS Owosso Home Economics, Feronian, J Hop Committee

LAVENIA COTTRELL Detroit Home Economics, Themian, Omicron Nu, Assistant Art Editor '18 Wolverine, J Hop Committee

E. D. CRANDALL "Jay" *Tawas City* Engineer, Tau Beta Pi, Hesperian

GERALDINE CURTISS Traverse City Home Economics

R. M. DAVIES "Heine" Ludington Engineer, Columbian, Dramatic Club, A. S. M. E.

KIRK DEAL "Jim" *Williams* Agriculture, Phylean, Class Baseball (2) (3)



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HAZEL DEADMAN Detroit Agriculture

> GLENN W. DELL "Curly" Holt Agriculture, Class Track (2), Farmers' Club, Class Baseball (2)

J. M. DIAMOND New York City Agriculture

.

OSCAR A. DIEHM "Oscar" Avilla, Indiana Agriculture, Sem Bot, Hermian, Farmers' Club

MADGE DILTS Flemington, New Jersey Home Economics, Sesame, Sphinx, J Hop Committee

> ALVIN E. DOWNER "A. E." Detroit Engineer, Hermian, R. O. T. C., J Hop Committee, Engineer Society, Student Member A. S. M. E., A. H. Holy-Roller

NENNA DUNLAP Battle Creek Home Economics, Chorus, L. S. C. Y. W. C. A.

> AUDREY DUNPHY East Lansing Home Economics, Ero Alphian, Sphinx, J Hop Committee





'19 Men in Service





HELEN EDMONDS "Eddie" Oberlin, Ohio Home Economics, Sororian, Class Secretary (3), Dramatic Club

> JOHN L. ENGELS "Jack" *Calumet* Engineer, Scabbard and Blade, Olympic, Engineer Society, Inter-Society Union, Class President (3), J Hop Committee, J Hop Toastmaster, First Lieutenant Co. B

LOYAL K. FLOWER "Posy." Augusta Veterinary, Hermian, Veterinary Medical Association, J Hop Committee

> JAMES M. FOLKS "Jimmie" *Hanover* Agriculture, Dorian, Farmers' Club

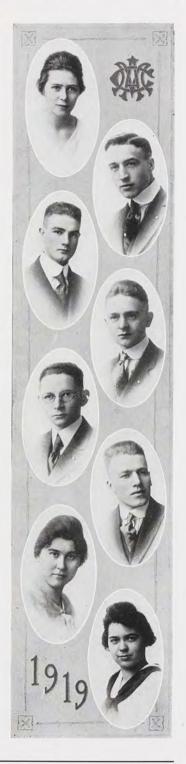
MILTON RUSSEL FOX "Foxy" Jackson Engineer, Athenæum, Business Manager Wolverine, Orchestra, Band, Class Track (2), Varsity Track Squad (2)

> H. E. FRANSON "Siwash" Iron Mountain Agriculture, AE-Theon, All-Fresh Football, Reserve Football (2), Class Basket Ball (2) (3), Class Track (2), Varsity Football (3), J Hop Committee

VERA M. GILBERT "Weary" *Tecumseh* Home Economics, Y. W. C. A., Lenawee County Club

.

GLADYS GORDON Lansing Home Economics



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ROBERT HOWARD GORSLINE "Bob" Battle Creek Agriculture, Dorian, S. C. L., Class, Football (3), Scrub Football (3), Farmers' Club, Students' Liberty League, J Hop Committee, Y. D. Association

> OLIVER M. GREEN "Old Man" *New York City* Horticulture, Band, Hort Club

ESTHER E. HALLETT Hillsdale Home Economics, Ero Alphian, J Hop Committee

> JOHN HENRY HAMMES "Ham" Newberry Agriculture, Olympic, Class Baseball (1), Varsity Baseball (2) (3), Class Track (2), Varsity Football (3), Varsity Basket Ball (3), J Hop Committee

KARL B. HANSON Chicago Veterinary, Alpha Psi, Veterinary Medical Association

> MINTY E. HATH East Lansing Agriculture, Y. M. C. A.

CLARENCE MILTON HATLAND "Hat" Chicago Agriculture, Delphic, S. C. L., Illinois Club, F. I. Club, Glee and Mandolin Club, College Choir, College Quartet (3), Second Lieutenant Co. M., Art Editor Holcad (2) (3), Art Editor '18 Wolverine, Varsity Track (2) (3), Class Track (2), Class Track Captain (3)

JOHN R. HILLE "Bunker" *Chicago* Veterinary, Eclectic, Veterinary Medical Association, Illinois Club, J Hop Committee



H. H. HIMEBAUGH "Hinie" Burr Oak Engineer, Forensic, Class Baseball (3), Inter-Society Union, Assistant Military Editor '18 Wolverine, J Hop Committee, Officers' Association

> STANLEY R. HILL "Doc" Norway Engineer, Columbian, J Hop Committee, R. O. T. C.

R. J. HINKLE "Hink" Frontier Veterinary, Veterinary Medical Association

> MARGARET E. HOLLIDAY "Marg" Traverse City Home Economics, Sororian, Sphinx, Class Secretary (1), J Hop Committee

ETHEL F. HOPPHAN "Hop" *Lansing* Home Economics, Omicron Nu

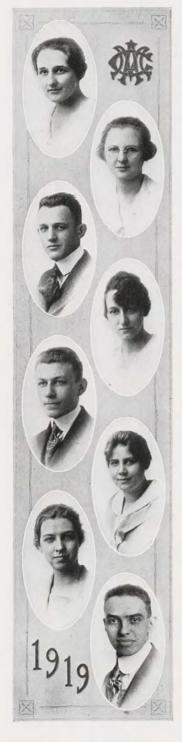
> LESTER F. HOUGHTON "Les" Troy Agriculture, Farmers' Club, Hermian, Students' Liberty League

L. C. HOUSE "Elsie" Fowlerville Agriculture, Orphic, S. C. L., Inter-Society Union, J Hop Committee

> PAUL A. HOWELL "Pa" Lansing Engineer, Ionian, Enlisted Engineers' Reserve Corps, Advertising Manager '18 Wolverine, Student Member A. S. M. E.







RUTH HODGEMAN Detroit Home Economics

> LOUISE HUBBARD "Hub" Union City Home Economics, Ero Alphian, J Hop Committee, Assistant Faculty Editor '18 Wolverine

ROBERT B. HUXTABLE "Hux" Lansing Horticulture, Ionian, Hort Club, Class Treasurer (2), J Hop Committee, Band (2), Inter-Society Union, Assistant Business Manager Holcad (3), Business Manager Holcad (Elect)

> JESSIE I. ILLENDEN "Jess" Adrian Home Economics, Ero Alphian, J Hop Committee, Lenawee County Club

EDWARD L. KARKAU "Kark" *Lansing* Engineer, Union Lit

> DOROTHY E. KAHRES Lansing Home Economics, Y. W. C. A.

J. ALETHA KEISER St. Johns Home Economics, Omicron Nu, Letonian, Camp Fire Girls

> WALTER THOMAS KELLEY "Walt" Sturgis Agriculture



RUSSELL H. KELTY "Ike" Hartford, Vermont Agriculture, Forensic, Class Football (1), Varsity Scrubs (1), Reserve Football (2), Class Basket Ball (1) (2) (3), Manager Class Basket Ball (2), J Hop Committee, Student Council

> HELEN E. KELLOGG "Hen" Lansing Home Economics, Chorus

HANS B. KEYDEL "Dutch" Detroit Agriculture, Columbian, Inter-Society Union, Campus Editor '18 Wolverine (3), Chairman J Hop Music Committee, R. O. T. C., Dramatic Club (2) (3)

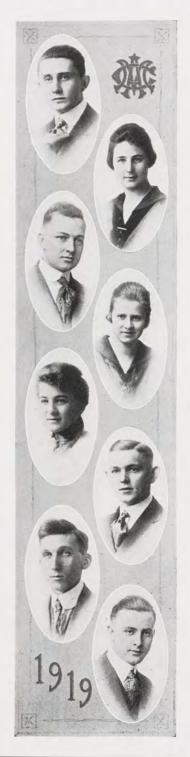
> ELMA KITTI "Kitty" Calumet Home Economics, Sororian, J Hop Committee, Assistant Campus Editor '18 Wolverine

CLAUDICE M. KOBER "Kob" Toledo, Ohio Home Economics, Themian, Assistant Humorous Editor '18 Wolverine, Women's Student Council, Sphinx

JOHN M. KUDER "Cude" Akron, Ohio Agriculture, Hermian, S. C. L., First Sergeant Co. C., Class Baseball Manager (1), Class Basket Ball (1) (2) (3), Class Editor '18 Wolverine, Buckeye Club, Y. M. C. A., Y. D. Association, Holy Rollers

WILLIAM J. KURTZ "Bill" *Flint* Agriculture, Farmers' Club, S. C. L.

> GLENN F. LANKTON "Lank" Detroit Engineer, AE-Theon, Engineer Society



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BYRON E. LATTER "Lat" Whittemore Agriculture, Delphic, Y. M. C. A. Cabinet, Scrub Football (3), Class Football (2)

ESTHER LOTT Holt Home Economics, Letonian

PER. G. LUNDIN "Swede" Stambaugh Agriculture, Orphic, Farmers' Club, J Hop Committee

DON SCOTT LYON "Pug" *Menominee* Agriculture, Athenæum, Class Football (2) ,

LOIS McBRIDE East Lansing Home Economics, Themian, Sphinx, M. A. C. Unior, J. Hop Committee, Class Vice-President (2)

RALPH L. McGAW "Mac" *Highland Park* Engineer, Columbian, All-Fresh Football, Varsity Scrubs (3), J Hop Committee

AGNES LILLIAN MCINTYRE Tecumseh Home Economics, Omicron Nu, Letonian, Sphinx, Y. W. C. A. Cabinet, Girls' Glee Club (2) (3), Lenawee County Club

HELEN B. MAHRLE Marshall Home Economics



HELEN MEAD "Pep" Detroit Home Economics, Feronian. J Hop Committee, Detroit Club

> MILDRED MEAD Bellevue Home Economics, Sphinx, Girls' Glee Club, Liberal Arts Union, J Hop Committee

LAWRENCE MILLER Niles Agriculture, Alpha Zeta, Union Lit, Berrien County Club, Liberal Arts Union, M. A. C. Union

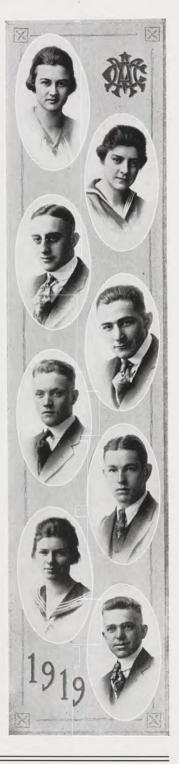
WILBERT E. MILLER "Bert" Bay City Agriculture, Varsity Club, Union Lit, Varsity Football (3), Varsity Reserve Football (2), All-Fresh Football, Class Basee ball (2), Class Basket Ball (2) (3), Class Tennis Manager (2), Inter-Society Union, Farmers' Club, J Hop Committee

GEORGE H. MILLS "Curly" Fremont Agriculture, Varsity Club, Inter-Society Union, Delphie, Farmers' Club, Varsity Baseball (2), Class Baseball (1)

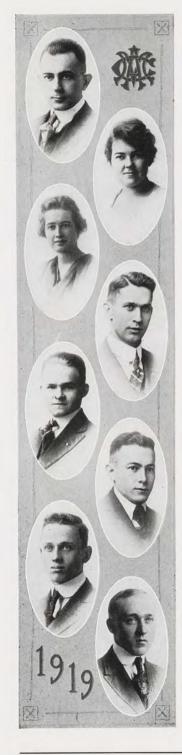
RUSSEL F. MONTGOMERY "Monty" Detroit Horticulture, Varsity Club, Phi Delta, Hort Club, J Hop Toast Committee, J Hop Favor Committee, Class Basket Ball (2), Varsity Football (2), Athletic Editor '18 Wolverine, Varsity Football Manager (3)

IRMA MOORE Battle Creek Home Economics, Ero Alphian, Sphinx, J Hop Committee

> R. A. MOSHER Lansing Agriculture, Olympic, R. O. T. C.







FOREST FLOYDE MUSSELMAN "Mus" Cecil, Ohio Agriculture, Eunomian, Farmers' Club, Buckeye Club, Faculty Editor '18 Wolverine

> RUTH MUSSELMAN Cecil, Ohio Home Economics, Letonian, J Hop Committee, Buckeye Club, L. S. C.

GERTRUDE NEWBROUGH Greenville Home Economics, Feronian, Sphinx, J Hop Committee

> EDGAR OSBORNE "Si" Flint Engineer, Tau Beta Pi, S. C. L., Trimoira, Y. M. C. A. Advisory Board, Editor-in-Chief '18 Wolverine, Engineering Society, Student Member A. S. M. E., J Hop Committee, Holy Rollers

MAHLON PHILLIPS PARSONS Linwood Agriculture

> EATON FULLER PERKINS "Perk" Battle Creek Engineer, Union Lit, Engineer Society, Illinois Club, Class Baseball (2), Assistant Editor Holcad (3), J Hop Committee

NORMAN J. PITT Ionia Engineer, Trimoira, Student Member A. S. M. E.

> RICHARD D. PERRINE "Dick" *Rives Junction* Agriculture, Dorian, Farmers' Club, S. C. L.



MARTHA S. PRATT Lansing Home Economics, Feronian, Sphinx, J Hop Committee

IRMA E. PRESTON Waldron Home Economics, Sesame

B. A. RAINEY Homer Agriculture, Forensic, Glee Club (3), Military Editor '18 Wolverine

CLARENCE F. RAMSAY "Irish" Ludington Agriculture, Columbian, Band, Inter-Society Union, Athletic Board of Control, Varsity Foot-ball (2) (3), Captain-Elect (4), Assistant Athletic Editor '18 Wolverine

NEWTON L. REED "Newt" Saginaw Engineer, Tau Beta Pi, Hermian, Assistant Advertising Manager '18 Wolverine, J Hop Toast Committee, Inter-Society Union, R. O. T. C., Freshman Debating Team (1), Engineering Society

GERTRUDE ROGERS "Jap" Hanover, New Hampshire Home Economics, Sesame, J Hop Committee, Assistant Class Editor '18 Wolverine

KENNETH H. ROLAND Escanaba Agriculture, S. C. L., Farmers' Club

L. J. ROTHGERY Cleveland, Ohio Engineer, Union Lit, Buckeye Club, S. C. L.





'19 Men in Service



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DOROTHY RUSCHE "Dot" *Painesdale* Home Economics, Themian, J Hop Committee

> CHRISTO SARDJOFF "Count Zaviidonii" Koukoush, Macedonia Agriculture, Y. M. E. A., Dairy Seminar, Cosmopolitan Club, Y. M. C. A.

> > .

FLORENCE SIMONSON Bancroft Home Economics, Sesame, J Hop Committee

> WILLIAM A. SIEFERT Jenison Engineer, Trimoira

ROLAND SHENEFIELD "Shenny" Coldwater Engineer, Eunomian, Engineering Society

> LEMOYNE SNYDER East Lansing Agriculture, Hesperian, Chairman J Hop Eligibility Committee, Manager Debating Team (3), Humorous Editor '18 Wolverine

MARGARET LOUISE SNYDER Detroit Home Economics, Omicron Nu, Themian, J Hop Toast Committee

> ORDELIA SOUTHARD Harbor Springs Home Economics, Letonian, Sphinx







R. T. STEPHENS "Dick" Fenton Engineer, Eclectic, Scabbard and Blade, J Hop Committee, Student Council (2) (3), Barbecue Committee, Adjutant Third Battalion Cadet Corps, Snap-Shot Editor '18 Wolverine

> ETHYL SPAFORD Manchester Home Economics, Omicron Nu, Ero Alphian, J Hop Committee, Woman's Student Council (2) (3)

HAROLD STARK "Starkie" Lansing Agriculture, Delphic, Holcad Staff, J Hop Committee, Sergeant Co. H

> W. H. STEINBAUER "Stein" *Saginaw* Horticulture, Union Lit, Hort Club, J Hop Committee

HAZEL SOUTHERLAND Benton Harbor Home Economics, Sesame, Sphinx, Berrien County Club, J Hop Committee

> W. VERNON TAYLOR Muskegon Engineer, Athenæum

GERALD TENNEY White River Junction, Vt. Veterinary

> NORMAN H. TENNEY "Jack" White River Junction, Vt. Veterinary, Delphic, Veterinary Medical Association



RALPH W. TENNY Big Rapids Agriculture, Columbian, Band, Orchestra, S. C. L., Dramatic Club, Liberty League

MARION LOUISE TEMPLETON "Mary Ann" Harbor Beach Home Economics, Sesame, Y. W. C. A., Sphinx

WILBUR H. THIES "Bill" Traverse City Horticulture, Alpha Zeta, Dorian, President Y. M. C. A. (3), Fresh Debating Team (1), Scrub Foot-ball (3), S. C. L., Hort Club, Inter-Society Union

MARIAN THOMAS "Tommy" Manistique Home Economics, Y. W. C. A., J Hop Committee

MARGERY THORNTON "Marj" Hastings Home Economics

ADA TUCKER Lansing Home Economics, Feronian

EINAR E. UNGREN "Doc" Oil City, Pennsylvania Agriculture, Alpha Zeta, Dorian, S. C. L., Student Council (3), Y. M. C. A. Cabinet (2) (3), J. Hop Committee, Band, Assistant Editor '18 Wolverine, Assistant Editor '18 Wolverine, Assistant Editor Holcad (2) (3), Editor-in-Chief Holcad (Elect)

FRED H. UTLEY "Dad" Iron Mountain Agriculture, Orphic, Rifle Team (1), Varsity Scrub (2), J Hop Committee







FRANK L. VAUGHN "F. L." Fort Ann, New York Agriculture

H. M. VAUGHN "Mike" Portville, New York Horticulture, Forensic, Hort Club, S. C. L., New York Club, Scrub Football (3), Chapel Choir, Class Football (3), Class Basket Ball (3)

HENRY COLLINS WASS "Hank" Port Huron Engineer, S. C. L.

RUTH WALKER Hartford Home Economics, Letonian, L. S. C.

ELMER FRANCIS WAY "Skinny" *Grand Rapids* Engineer, Athenæum, Assistant Business Manager '18 Wolverine, J Hop Committee, College Orchestra (1) (2) (3), Inter-Society Union, Band (1) (2) (3)

WALTER E. WEBB "Shrimp" Detroit Forestry, Xi Sigma Pi, Glee Club (3), Columbian, Assistant Business Manager Holcad (3), J Hop Committee, Second Lieutenant Co. B

,

A. G. WEIDEMAN "Andy" *Midland* Agriculture, Dorian, S. C. L., F. I. Club, Y. M. C. A. Cabinet, Student Liberty League

ELIZABETH WELD Lansing Home Economics, J Hop Committee



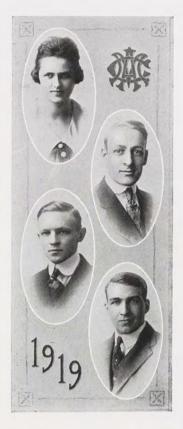
CHERYL WINDES "Cherry" *Middleville* Home Economics, Sororian, Dramatic Club, Illinois Club

> C. C. White Alabaster Engineer, Orphic, Engineering Society

R. NORVAL WRIGHT "Bill" Salem, Ohio Horticulture, Alpha Zeta, Hort Club, Eunomian, Class Treasurer (1), Assistant Editor Holcad (3)

,

ELWYN D. YOUNKER "Yonk" Lapeer Agriculture, Alpha Zeta, Dorian, S. C. L., Scrub Football (3), Class Football (2), Class Basket Ball (3)





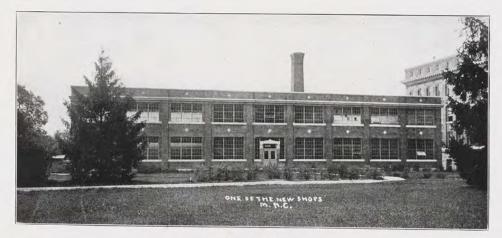
Photoless Juniors

A. M. Allen A. W. Atkins N. E. Bandeen S. G. Bandeen E. G. Baxter M. Blackman Eleanor M. Childs S. G. Colby A. R. Dunn R. M. Hain Frances L. Hawkins Dorothy E. Kahres B. F. Kindig R. C. Kinney C. F. LaBar D. J. Lamoreaux Louisa D. Landstrom E. J. Linsday C. H. Mitchell Hazel M. Muhlitner Frances L. Overheiser H. F. Peters Elizabeth S. Porter I. A. Robinson Florence E. Rouse J. W. Sims Marion I. Smith F. C. Speidel W. E. Thomas G. W. Trubey M. F. Welsh P. C. Yull





NEW ENGINEERING BUILDING



SHOP No. 1





THE LARGEST GYM FLOOR IN THE STATE (Before Completion)







LENNAH E. KYES

Class of 1920

CLASS OFFICERS

President, Boyd H. Redner* Vice-President, Lennah E. Kyes Treasurer, Stanley S. Radford Secretary, Marie L. Otis

CLASS ACTIVITIES

Class Track Manager, A. J. Mitchell Class Baseball Manager, L. W. Schroyer Class Basket Ball Manager, L. C. Terwilliger Class Football Manager, C. L. Frankenfield *In service.











G.E. GILLETTE

J.S.HOLT

O.T.KELLOGG

B.V.LACY

F.F. LOOMIS



J.B.GOLDEN

R. HOWARD

T.E.KING

C.W.LAFLER

B.P.LYMAN





W.A.ERDACH

E.M.GRAHAM

N.H.FENKELL



F.R.GRUSH E.C.HACH

20 19 5

S.ILLEPAN

(A)



525

M.E.FORTNEY

S.G. GLIDLER

MHIMMELEIN

18

G.L.FISHER

CH.GEBHAR



L.E.KYES



M.J.LEFFLER C.LICHTENWAITER





A.D. MARTIN



GE, MALPASS

P.G.LANE

R.B.KLING

B.T. KNIGHT











Shadow-Seeking Sophs

Aldredge, Robert Frank Allen, Helen Katherine Anderson, Hazel May Ashton, Frank Winslow Bacon, Howard Chapman Barr, John Huston Basett, Charles Francis Bauer, Arthur Henry Beavis, James Olin Bailey, R. H. Betts, Harriett Isabell Bishop, Ona Bernice Blinston, Chester Burhans, Robert Leslie Burrell, Norma Katherine Bush, Norris Hulms Byrne, Mary Eva Caldwell, Mitt McKinley Carr, Nelson Raymond Case, Walter Fritz Chapel, Howard Neuman Clark, Rex Devere Clemow, Charles Coburn, Don R. Cockerton, Ellen May Collingwood, Laura Dane, Ruth Delamarter, Arthur Ray Dikmans, Gerard Donnely, Paul Eugene Dunn, Zaida Lola East, Rhea Ann Engstrom, Walter Axel Erbaugh, Paul Webster Faunce, Izetta Ruth Fillingham, Fern Lucile Flory, Olive Virginia Folks, Una Florine Fowle, Watson Edward Frankenfield, Charles Lester Frays, Ethel Marie Frazier, Helen Rebecca Gardner, Margaret Elizabeth Gates, William Truman Geiermann, Louis Joseph Gleason, Ban Myron Grambau, Edward John Gray, Robert Fitzpatrick

Green, Lola Belle Gulliver, Rav Lemuel Hall, Harold Richard Halladay, Harold Crane Haywood, Winnie E. Heitsch, Maty Hemans, Harris Earl Higbie, Charles Clarence Hilliard, Helen Marie Hock, Alvin Wisber Hoffman, Howard Verne Jacobs, Frank Sheridan Jewell, Helen Margaret Johnston, Stanley Jones, Walter Franklin Keck, Bertha Helena Kehm, Earl Phillip Kempf, Dorotha Kernen, Kenneth Crossett Keyt, Frank Madison Kidd, Edna Marion Kingery, Richard Henry Kurtz, Laurence Diller Laidlaw, Marian Esther Lafler, Cecil William Larrabee, Mary Louise Leach, Theodore Latham Leddick, Roth Merrill Lewis, Lerov Wallace Lindquist, Tauge Gust Loomis, Hazel Josephine Lord, Edwin McCaughan, Eldred Stuart McFadden, Herbert Floyd McLravy, Glenn J. McNinch, Mariette Hane Maier, Dee Malaskey, Edgar Andrew Maloney, Ralph Paul Marx, Julius William Mitchell, Alfred Joseph Myers, Harvey Lincoln Nagler, Victor Moore Neikard, Roy Garfield Normington, Marian Lucile Nye, Clifton C. O'Donald, William Arthur Otis, Marie Lucille

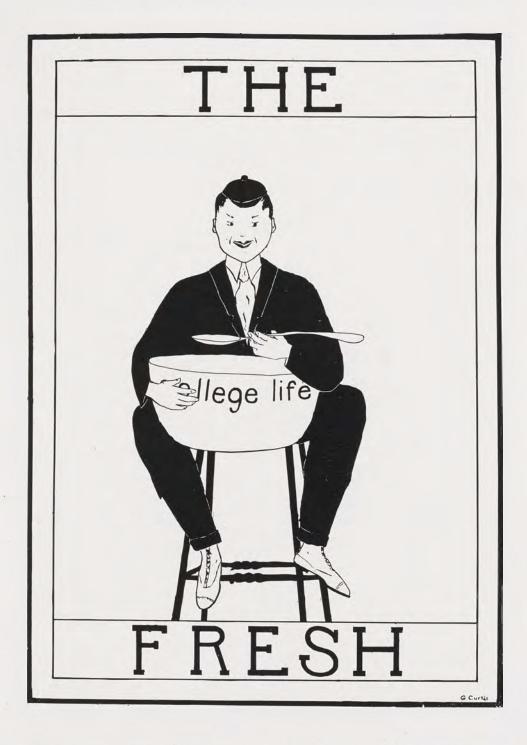


Shadow-Seeking Sophs-Continued

Owen, Sigfred Carl Parker, Robert Donald Peterson, Clyde Walter Platz, Henry Arthur Palmer, Lynn Courtland Potter, Neal D. Powers, Newell Harvey Proctor, John Joyce Read, Edward George Redfearn, Ernest Everett Reeves, Merritt Augustus Rose Renwick, Howard M. Rhead, Lucille F. Rice, Rosselyn Adelia Rigterink, Harold Wilson Rood, Clare Alfred Rossman, Phyllis Elizabeth Rothgery, Lee Joseph Rothrock, Stanley Swigart Rowe, Melvern Luke Schall, Harold Lorraine Schreiver, Anna Marie Schroen, Luella Melvina Schroyer, Leon Ward Scramlin, Erma Nancy Seeburger, Arthur William Severance, Esther Lois

Shane, Marion Lucile Sheppard, Denzel T. Skoog, Esther Johanna Smith, Kathleen Evangeline Sneider, Irving John Stenholm, Frank August Struble, Floyd Harrison Tappan, Agnes Jean Tate, Esther Isabelle Trownsell, Theodore Richard Tubbs, Margaret Grace Tyler, Talcott Miller Unruh, Elmer Rov Vance, George Archie Weneklasen, Harold Benjamin Waite, Earle Lewis Wible, George Dwight Wiggins, Clifford Rumley Whitcomb, Helen Marguerite Wightman, Irene Williams, Mary Jeanette Wilson, William Ralph Wissmann, Otto William Wolff, Simon Emanuel Yeager, John Fredrick Zachariah, Josephine Alice Zuidema, Albert









F. N. BATEMAN

Class of 1921

CLASS OFFICERS

President, F. N. Bateman Vice-President, Lois L. Remage Treasurer, R. B. Coulter Secretary, Mary Hunter

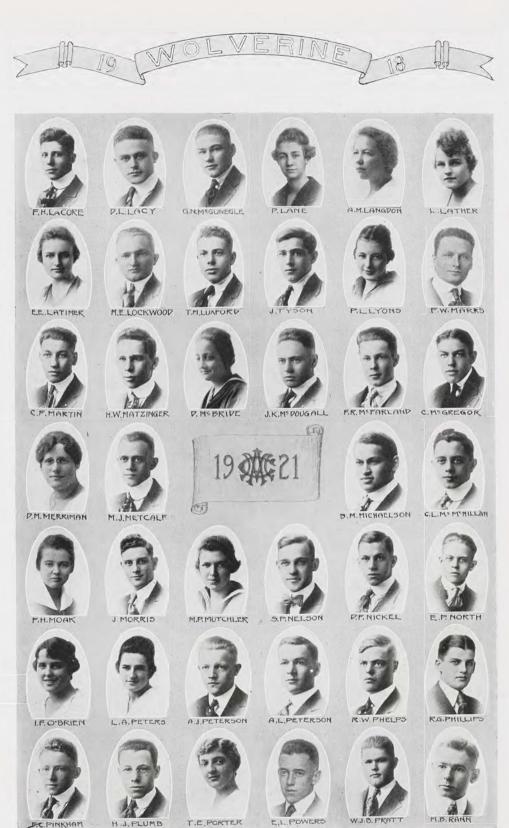
CLASS ACTIVITIES

Basket Ball Manager, C. Macgregor Baseball Manager, H. R. Webber Track Manager, L. S. Hale









BC.PINKHAM

H.J. PLUMB







Allen, Harold D. Arrigo, Thomas J. Ayer, Ray C. Backus, Ray A. Batterson, Harold L. Baur, Frank Beck, Marguerite Beltz, Lester L. Blanchard, Marian Berridge, K. M. Blanchard, Marian Berridge, K. M. Blanchard, Marian Berridge, K. M. Blumenthal, Ivan F. Boyes, Frederick W. Brady, Mildred E. Brendel, Anthony Brophy, Howard M. Buchman, Harry Burdick, Louis Harold Butler, Mary M. Burdick, Louis Harold Butler, Stephans M. Carpenter, Mirlam C. Carr, Frances E. Carter, Fred Douglas Case, Asa H. Cavanaugh, Emerson C. Cari, Horn Christensen, Albert C. Christiansen, Curtis V. Collins, Thomas Comstock, Ralph W. Cooke, Henry S. Coon, Harold M. Coosgrove, Kenneth J. Crampton, Wayne I. Curist, James I. Corbett, James I. Corbett, Mason V. Cosgrove, Kenneth J. Crampton, Wayne I. Curist, Dorothy E. Dalby, Mildred S. Delmet, Dominle DeWright, Ruth Dobie, Donald A. Dressel, Karl Dudgeon, Mina P. Dunning, Leon O. Emerson, Morris L. Erdlitz, Leo W. Erdlitz, Leo W. Erdlitz, Leo W.

Photoless Fresh

Ewing, Alice A. FritzGerald, David F. Fleming, Roland E. Floming, Roland E. Frost, Walter H. Forst, Wargaret H. Garobegian, Garabed K. Geilfuss, Marshall A. Gettel, Frank Gibson, Earl W. Glodowski, Adolph Goodman, Charles S. Green, Arnold Gregory, Henry R. Gretton, Mary A. Grover, Norris E. Guile, Marjorie E. Hale, Lee S. Hamilton, John Hartel, Russel J. Hartwig, Herbert B. Harvie, William H. Hendrick, Fred L. Henson, Cecil R. Harrigton, Dorothy Heysett, Dorothy N. Hill, Irving G. Hitchings, James H. Hoot, Ralph A. Hoot, Ralph A. Hoot, Ralph A. Hot, Victor H. Horst, Edward F. Hubbard, Harold M. Hunt, Mildred W. Isbell, Janet M. Jackobs, Ivel E. Jackson, Kenith E. Jewell, Peter Johnson, Albin L. Johnson, Mary A. Johnson, William L. Johnson, Margaret S. Kahn, Charles Z. Kelly, Edward B. Kerbyson, Ernest C. Ketcham, William J. King, Theodore N. Lancashire, Ellis R. LaFond, Louis H. Lockwood, Roy E. Laur, Earle J. Loupee, Burton Lunden, Lester C. Lyons, Honald C. McComb, Pearl M. McGunegla, Guy N. Mains, Cyril H. Mateuszczyk, Witalis Mead, Walter J. Mercier, Allen T. Merriman, Delia M. Metcalf, Maurice J. Metzger, Hutzel Metzler, Sarah E. Meyre, Gertrude E. Miller, Thomas J. Moore, Lusius H. Muore, Lusius H. Muceller, Eugene J. Mulitner, Justin B. Musselman, Dale T. Myers, Jennie I. Neale, Paul M. Nelson, Nathalie G. Nicholls, George C. Noblet, Ubold J. Norman, Hollis W. Oman, George W. Osborn, Violet L. Ovosivitch, Samuel Palm, Wayne Y. Palmer, Linus C. Parks, Ivan W. Parks, Warren Patrick, John L. Pearl, David S. Poole, Thomas B. Prindle, Caryl B. Pritchard, Frank S. Pugsley, Clifford G. Putnam, Harold G. Redfern, William W. Reiksoff, Esther M. Reiss, Lincoln Renton, Irving A. Rey, Richard F. Richards, Vivian S. Rider, William S. Robart, John E. Robinson, John H. Rose, Violet A. Sands, Phyllis L. Savage, John F. Schenk, Ray M. Seeley, Marian E. Sceeley, Marian E. Scheffield, Earle F. Shouenaker, William R. Shu, Jen Nau Simmons, Walter H. Smith, Luther G. Smith, Luther G. Smith, Luther G. Snyder, Plummer B. Sours, Ivan J. Spencer, Wallace L. Spletstoser, F. W. Stanford, Roland C. Steel, Thomas A. Stone, Charles F. Straub, Cecil B. Sullivan, Clyde T. Swain, James R. Swilng, Herbert R. Swilng, Herbert R. Swing, Herbert R. Turmbo, Clyde Turmer, Riehard H. Urqhart, Charles D. Vandenberg, Willis E. Van Orden, Richard O. Wait, Myron R. Warner, Harrison Weiss, Minnie Weiss, Minnie Weiss, Carl F. Wittemore, Edward R. Williams, Helen A. Wilson, Harold B. Wixson, Sylva

ATHLETICS





Monogram Men in Service

BASEBALL CAPTAINS

Russell Canfield, '09 A. L. Bibbins, '15 E. F. Gorenflo, '13 I. J. Cortright, '11 B. W. Harvey, '13

BASKET BALL CAPTAINS

O. G. McKenna, '10 Fred Bush, '11 R. G. Chamberlain, '12 O. R. Miller, '15 A. L. McClellan, '17

FOOTBALL CAPTAINS

Sherman Coryell, '17 A. D. Vandervoort, '17 Ralph Henning, '16 Blake Miller, '15 F. A. Stone, '11 I. J. Cortright, '10

OTHER ATHLETICS

FOOTBALL

Amos Ashley, '08 Frank Chaddock, '17 N. J. Dynate, '16 H. G. Fick, '17 W. D. Frazen, '09 J. F. Madock, '13 A. L. McClellan, '17 H. H. Miller, '16 J. O'Callaghan, '16 F. Parker, '09 F. A. Stone, '12 N. O. Weil, '17

BASKET BALL

C. F. Miller, '18
D. D. Peppard, '17
C. P. Rigbie, '18
T. G. Ricker, '16
A. R. Sheffield, '16
P. J. Vevia, '17

R. S. Bird, '06
H. A. Clark, '16
H. H. Harrison, '08
N. W. Mogge, '14
E. E. Peterson, '15
W. F. Thomas, '16
W. Vance, '11
W. K. Willman, '18

BASEBALL

TRACK

C. F. Bainnet, '17
C. A. Guffin, '10
T. T. Wainer, '17
R. A. Wainer, '12

TENNIS

H. A. Goss, '16 H. G. Taft, '12 Russell Crozier, '17





The New Gymnasium

The spring of 1918 marked the completion of M. A. C.'s beautiful, new gymnasium, a structure destined to play an important part in the development of the College. The building, erected at a cost of \$220,000, takes its place among the finest gymnasiums in the country and assures M. A. C. unlimited possibilities for athletic development. Attractive in appearance and substantial in construction, the new building is a notable addition to the campus. It stands on the banks of the Red Cedar River, convenient to the athletic field, and harmonizes perfectly with its picturesque surroundings. The finishing is of an unusual excellence throughout, no expense or trouble having been spared to keep to the highest standards.

The gymnasium is superior, not only in architecture and finish, but also in completeness of equipment. The physical, recreative, and athletic activities of the College have been fully provided for, all the fixtures and apparatus being of the latest and most approved type. The gymnasium room proper, which occupies the second and third stories of the building, measures 165 by 75 feet. It is completely fitted with swinging and flying rings, horizontal and parallel bars, ropes, ladders, bucks, leather horses, etc., and provides three basket ball courts. A sixteen-lap running track, surfaced with cork, circles the room. The first floor is given over to the offices and service rooms. Among the latter are a reading room, an examination room, rooms for boxing, fencing, and wrestling, and two service suites, one for the home team and one for the visiting teams. These suites are fully equipped with dressing





rooms, showers, and lockers. The basement contains 1,000 steel lockers of the most modern design, and complete storing, dressing, and bathing facilities, twenty showers featuring the latter.

The swimming pool, located in a wing of the main building, is really the feature of the gymnasium. The pool room is the most spacious in the country, and the pool itself the largest in the Middle West. It is ninety feet long, thirty feet wide, and ten feet deep at the diving end. The wing which encloses the pool is finished entirely in white, the floor and pool being faced with white tile.

A particularly pleasing feature of the arrangements is the fact that accommodations have been provided for the women of the College. Separate shower, dressing and lounging rooms have been installed to care for their needs.

Chester L. Brewer, Professor of Physical Education and Director of Athletics, has charge of the building and its appurtenances. His directorship insures the full and constructive utilization of all the advantages of the gymnasium. Mr. Brewer's return to M. A. C. at this time is unusually significant. The combination—an athletic building which is unexcelled and a director who stands at the top of his profession, honored as sound teacher, wise leader, and prince of gentlemen—points to a period in the history of M. A. C. which will be marked by constant and constructive progress in the athletic and recreative life of the College.



Ramsey, DeMond, Davis, Kurtz, Hammes Gauthier, Brewer, Brown, Plant, McKibbin, Musselman, Keifer

Athletic Board of Control

Since June, 1915, the present Athletic Board of Control has been in existence, and during that time its help in connection with athletics at M. A. C. has been invaluable. Its purpose, in conjunction with the head of the athletic department, has been to pass upon all financial obligations, assist in arranging the schedules and in promoting athletics at M. A. C. up to its highest standard and efficiency. It can easily be seen that the Athletic Board of Control is here to stay on account of its fine record of the past.

ATHLETIC BOARD OF CONTROL 1917-1918

Chairman, L. C. Plant Secretary, C. L. Brewer Treasurer, A. M. Brown

MEMBERS

C. L. Brewer L. C. Plant H. H. Musselman C. W. McKibbin Earl Keifer Frank Davis R. J. DeMond C. F. Ramsey

G. C. Gauthier

Ex-Officio

J. Schepers

Dr. F. S. Kedzie

A. M. Brown

MEMBERS-ELECT SENIOR J. Hammes JUNIOR L. D. Kurtz



Michigan Agricultural College Track Records

H. E. Moon 100-Yard Dash 220-Yard Dash 440-Yard Dash Half-mile Run Mile Run Two-mile Run 120-Yard High Hurdle 220-Yard Low Hurdle Running Broad Jump Running High Jump Shot Put Hammer Throw Discus Pole Vault

One-Mile Relay

H. E. Moon C. J. Oviatt E. Sheldon E. Sheldon Ralph Carr G. W. Shaw H. E. Beatty H. E. Moon C. F. Lord A. L. Campbell R. Vosper W. W. Blue C. W. Loveland C. W. Oviatt G. H. Allen J. W. Knecht G. H. Bignell

51% s 1:59 4:36% 9:56 15% 25%22 feet 6 feet 1 inch 41 feet $\frac{1}{2}$ inch 126 feet 123 feet 4 inches 11 feet 6 inches 3:3135

 $10 \mathrm{s}$

221/5 s

1904

1904

1908

1916

1915

1908

1910

1915

1904

1912

1910

1910

1915

1914

1908



Monogram Men in College

Archer Atkins Bailey Bassett Brigham Coryell DeMond Franson Garrett Hammes Higbie Kurtz Kellogg Leffler Longnecker Mills McCool Miller Murray Montgomery Oas Ramsey Snider Thompson Turner



FOOTBALL









GIFFORD

BREWER GAUTHIER

Football

OFFICERS

Head Coach, Chester L. Brewer Assistant Coach, George E. Gauthier Line Coach, Chester G. Gifford Backfield Coach, George Julian

Reserve Coach, R. C. Huston All-Fresh Coach, Howard E. Beatty Captain, Sherman Coryell Manager, Russell F. Montgomery Trainer, Jimmy Dugan

VARSITY MONOGRAMS AWARDED

Sherman Coryell, Captain

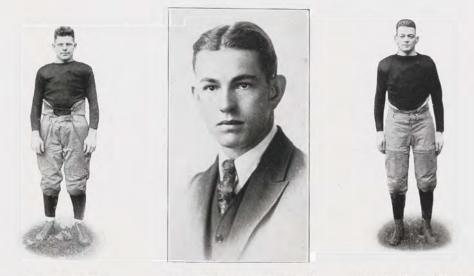
C. F. Ramsey, Captain-Elect J. H. Hammes C. J. Thompson P. F. McCool H. E. Franson C. F. Bassett R. F. Montgomery H. W. Miller L. Archer R. G. Oas P. F. Bailey ·I. J. Snider M. J. Leffler O. T. Kellogg J. E. Turner

SEASON'S RESULTS

M. A. C.	-	-	-	-	-	7	Alma	-	-	14
M. A. C.	-	-	-	-	-	3	Kalamazoo College -	-	-	7
M. A. C.	-	-	-	-	-	0	U. of Michigan -	-	-	27
M. A. C.	-	-	-	-	-	0	U. of Detroit			14
M. A. C.	-	-	-	-	-	0				14
M. A. C.	-	-	-	-	-	6	Northwestern University	-	-	30
M. A. C.	-	-	-	-	-	0		-		23
M. A. C.		-	-	-	-	7	Syracuse	-	-	.21
M. A. C.	-	-	-	-	-	0	Camp McArthur -			20
							1			



The Season of 1917



CAPTAIN CORYELL

MANAGER R. F. MONTGOMERY

CAPTAIN-ELECT RAMSEY

The season of 1917 is one that is unique in the annals of football history in more ways than one. A glance at the season's scores shows that the M. A. C. team failed to win even a practice game. A second glance shows that the coaching staff is one of highest caliber. Still more remarkable is the fact that the student body loyally supported the team and points with pride to its "clean slate."

The reason for these unusual features is not obscure. The M. A. C. football veterans were to be found in the training camps, in the navy and in heroic France. The handful of under classmen who had previous varsity experience were used as a nucleus by Coach Brewer about which to fashion the raw recruits into the semblance of a team. In this the coaching staff succeeded to a gratifying extent, as much by instilling in the recruits the undying M. A. C. spirit as by polish of team work.

The Michigan game found an increased quota of M. A. C. students in the stands regardless of the recognized fact that the team had no chance to win; and right well were the words of Brewer fulfilled, that "the Michigan men will know they have been in a fight," for the Aggie players, out-weighed and out-generaled, fought so fiercely that the score at half time stood only 6-0 against them. In the second half the battered men could not stem the tide so successfully and the final count stood 27-0.

The Syracuse game was played on Homecoming Day, and although the score is recorded as 21-7, the game was so hotly contested that M. A. C. was clearly entitled to half the honors, and the Aggie alumni who had come to find out "what was the matter with the team," remained to rejoice with the student body that although losing, the M. A. C. spirit could still be high and victorious.



1917 Varsity Reserves

E. S. Anderson
P. G. Borgman
H. N. Chapel
R. H. Kelty
E. Lord
R. H. Major
C. S. McKenzie

1917 Scrub Football

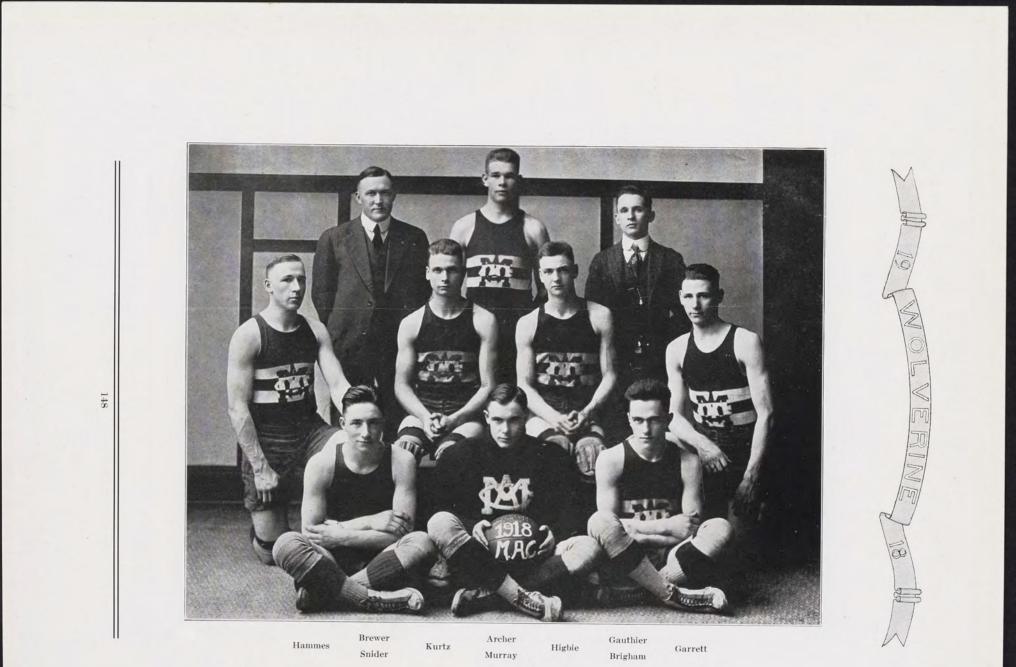
L. R. Bliss W. J. Bugai R. I. Bonninghausen H. T. Campbell J. A. Chisholm W. DeYoung C. L. Frankenfield R. H. Gorsline J. E. Kotilla H. Koopman B. F. Latter R. L. McGaw R. V. Perry W. V. Taylor L. C. Terwilliger W. H. Thies S. E. Wolf J. E. Yarger E. D. Younker





BASKETBALL









COACH GAUTHIER

1

35 4 0

Basket Ball

Captain B. Murray Coach G. E. Gauthier

THE TEAM

Murray, Captain, F.Hammes, G.Higbie, C.Kurtz, G.Snider, F.Garrett, G.Brigham, F.Archer, G.

SCHEDULE AND RESULTS

				O	oponents	M.A.C.
January	9	Camp Custer Enlisted Men at M. A. C.	-	-	27	16
January	11	University of Michigan at Ann Arbor	-	-	17	13
January	18	Hope College at Holland				23
January	19	Camp Custer Officers at M. A. C	-	-	20	24
January	25	St. Johns University at Toledo	-	-	19	27
January	26	Detroit Y. M. C. A. at Detroit	-	-	34	20
February	1	Notre Dame at M. A. C	-	-	12	27
February	7	Notre Dame at South Bend	-	-	25	23
February	8	Northwestern University at Evanston	-	-	19	16
February	15	Hope at M. A. C	-	-	10	35
February	23	Oberlin at M. A. C	-	-	20	35
March	2	U. of M. at M. A. C	-	-	33	25
March	9	Detroit Y. M. C. A. at M. A. C	-	-	16	23



B. MURRAY, Captain

1918 Basket Ball

Using Captain Murray, the only veteran from last year's team, as a nucleus, Coach Gauthier succeeded in building up a team whose season's work was a real success in spite of the fact only six of the fifteen games played were won.

Being pitted against veteran teams accounts for the first five defeats, but progress was made to such an extent that six of the last ten games were won.

Old time rivalry, the same as in other sports, existed between M. A. C. and U. of M., and we only regret that we were on the short end of the score in both encounters.

The real game of the season was with Oberlin. Discarding the "bird cage Armory," the game was held in the new gymnasium and the opening was celebrated by a clean-cut victory over the Ohioians with 35-23 score. The game was nip and tuck all the way through and by sheer grit and fight M. A. C. won.

To Captain Murray belongs the lion's share of the team's work. His fight and "pep" in every game more than made up for his lack in size. His loss by graduation will be keenly felt next year.

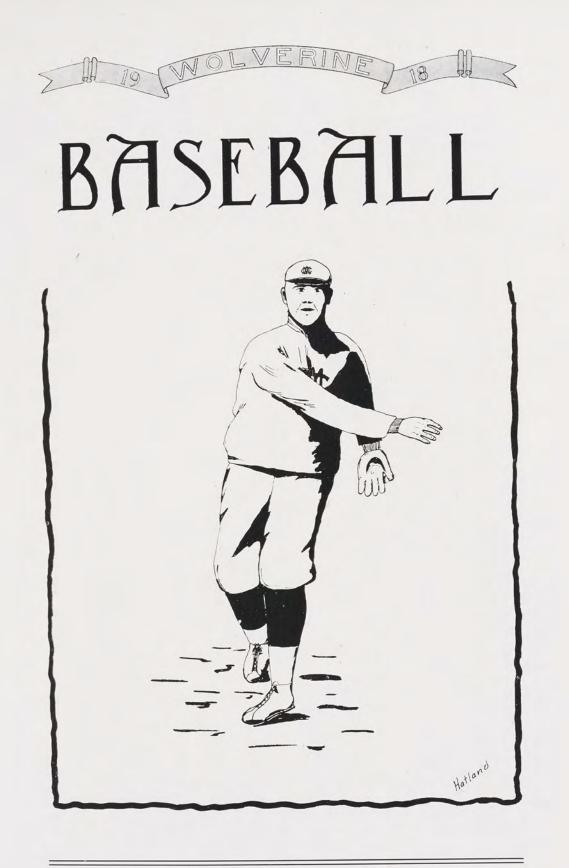
Although not a star at jumping, Higbie at center was in the game every minute, fighting to the last minute. His spectacular long shots were the features in most of the games.

Snider and Brigham, both new men, easily adapted themselves to dropping the ball in the basket, and they too, made up in aggressiveness what they lacked in size. In Kurtz and Hammes, Gauthier had two guards whose defensive work largely accounts for the showing of the team during the latter part of the season.

To Coach Gauthier a great deal of credit must be given in building up such a team out of entirely new men. If the uncertainty of conditions does not interfere, an excellent team can be looked forward to, as only Brigham and Captain Murray are lost through graduation.



C. HIGBIE, Captain-Elect



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The 1917 Baseball Season

Director of Athletics, George Gauthier

Our baseball season of 1917 was a success considering the confusion occasioned by the many men leaving College on account of the war. As in the previous year, John Morrissey was with us as coach, and he was ably assisted by Bibbins, who also spent much of his time

We won six games and lost five. Much credit for this showing must go to Coach John Morrissey, whose

Coach, John Morrissey Assistant Coach, A. L. Bibbins

Manager, Clem C. Fry Captain, H. A. Fick



CAPTAIN FICK

The schedule was not played out. The southern trip, on which we were to play West Virginia University, West Virginian Wesleyan, Washington and Jefferson University, University of Pittsburg, and Carnegie Technical, was not taken on account of the shortness of the term. Nor did we play Michigan, as they had canceled all of their athletics for the rest of the year.

Ty Cobb.



C. FRY, Manager

Five of last year's veterans were on hand for the first call for candidates. They were Fick, Frimodig, Hood, McWilliams and DeMond. This was a very good nucleus about which to start, and after weeding out the best from a gathering of forty or fifty embryo base-

coaching the All-Fresh.

knowledge of the art of baseball goes back to the period just succeeding "Pop" Anson and preceding



CAPTAIN-ELECT DEMOND

ballers, Coach Morrissey soon had a team whipped into shape.

Things looked very good indeed when we started the season by taking Olivet into camp by a 19-2 score. Marshall then came along and engaged us in two encounters, the home team taking the first by a 6-2 score, and the visitors took the long end in the second by a 2-1 score. Both were snappy games, especially the second, which kept the spectators on edge every minute of the game. Western State Normal then came along and handed us a beating to the tune of 5-3. Last year they



beat "Frenchie" DeMond 2-0, and this year there was no difference, they beat him again.

The game with Western Reserve University was a farce. Western Reserve had a collection of what might be called "mere kids," and we beat them 9-1, which did not add greatly to our credit.

The following week the team took a trip to Notre Dame, and here we met our Waterloo. Something was certainly radically wrong, as errors of the worst kind were made, and DeMond's benders were knocked all over the lot. It is needless to say that we were forced to take the short end of a 12-2 score.

We retrieved ourselves somewhat the next Saturday by walloping Alma 12-1. Dame Fortune still continued to smile on us when we beat Niagara University 5-4 the following Friday, but the following day she deserted us, because the Polish Seminary came to town and beat us in a very exciting but drawn out game by the score of 9-8.

We ended the season by playing two games with Notre Dame during Commencement Week. We won the first game 5-2 and lost the second 4-2, thus giving the series to Notre Dame.

Several new men brought themselves forward and showed that they had baseball ability of unusual caliber. These men were Willman, Hammes and Oas.

1917 BASEBALL SCORES

M. A. C	-	-	-	-	19	Olivet -	-	-	-	-	2
M. A. C	-	-	1	-	6	Marshall	-	-	-	-	2
M. A. C	-	-	-	-	1	Marshall	-	-	-	-	2
M. A. C		-	-	-	3	Western Stat	e Nor	mal	-	-	5
M. A. C		-	1	-	9	Western Res			sity	-	1
M. A. C				-	2	Notre Dame		-	-	~	12
M. A. C				-	12	Alma -	-	-	-	-	1
M. A. C				-	5	U. of Niagan	a -	-	-	-	4
M. A. C				-	8	Polish Semin		-	-	-	9
M. A. C M. A. C			1	-	5	Notre Dame		-	-		2
					2	Notre Dame		-	-	-	4
M. A. C	-	-	-		-	riotro Dame					

MONOGRAM WINNERS

DeMond, Captain-Elect Fick, Captain Fry, Manager Frimodig Hammes Hinkle Hood McWilliams Oas Mills Millard Pratt Ronan



TRACK







Track

(Season of 1917)

Coach, George E. Gauthier

Captain, David L. Peppard

In spite of the handicap occasioned by the fracas in Europe, Coach Gauthier succeeded in building a track machine which won the Michigan Intercollegiate handily and gave Notre Dame a warm time in that meet.

The new monogram winners for the season were: Barrell, hurdles; Carlson, dashes, and Carver, high jump.

S	\cap	UA.	D
5	v	UA.	$\boldsymbol{\nu}$

Peppard (Captain Barrell Carlson Carver Fox Murray Sargent

Atkins Allen Hatland Jackson Lukins Warner Warren

SCORES

NOTRE DAME AT COLLEGE FIELD, MAY 10, 1917

		Dame	-	-	-	-	-	83%
М.	Α.	С.	-	-	-	-	-	421/3

INTERCOLLEGIATE MEET, COLLEGE FIELD, MAY 12, 1917

M. A. C.	-	-	-	-	-	-	53
Hillsdale	-	-	-	-		-	45
Ypsilanti			-	-	-	-	18
M. A. C.	(All	-Fresh	h)	-	- 1	-	10

Cross Country

During the past season the cross country squad entered two meets, in one of which, the Intercollegiate Meet, they succeeded in placing first, thereby preventing the U. of M. from gaining permanent possession of the Cross Country Trophy which, according to the rules of the contest, becomes the property of the squad which wins it three successive times. The finish of this race was close for a three and one-half mile run, as the fourth man to finish was only one hundred feet behind the first. Geiermann and Brendel were awarded the C. C. sweaters.

The other meet in which our squad participated was the annual Thanksgiving Day run of the Detroit Y. M. C. A. Second place was the best that the Aggies could secure in this race, which was run, not on the Belle Isle course, as in former years, but on the paved streets of the Metropolis. The M. A. C. squad finished as follows: Brendel, third; Longnecker, Captain, fifth; Allen, eleventh; Geiermann, seventeenth; Sturm, eighteenth.

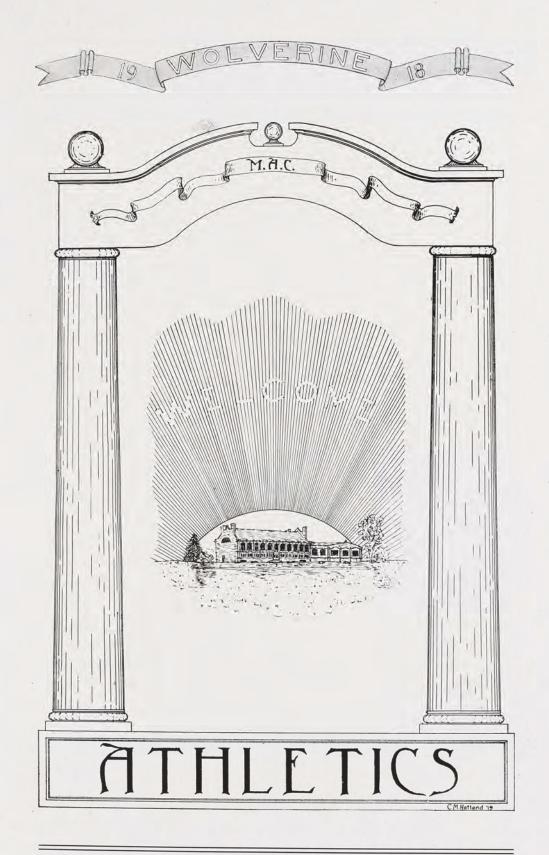
INTERCOLLEGIATE CROSS COUNTRY MEET, M. A. C., NOVEMBER 3, 1917

M. A. C.	-	-	-	-	-	-	13
U. of M.	-	-	-	-	-	-	17
Albion	-	-		-	-	-	27

Time-19 minutes 29 1-5 seconds.

The order in which the men crossed the line:

1-Geiermann, M. A. C.	9—Mainard, U. of M.
2-Brendel, M. A. C. Fresh.	10-Sturm, M. A. C.
3-Sedgewick, U. of M.	11—Fuess, U. of M.
4—Longnecker, M. A. C.	12-Muchan, U. of M.
5—Stoll, U. of M.	13-Baldwin, M. A. C. Fresh.
6—Honfsteter, Albion.	14-Ressigne, Albion.
7—Isbell, Albion.	15-Buell, U. of M.
8—Allen, M. A. C.	16-Vaughn, M. A. C.



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HOWARD E. BEATTY (Coach)

All-Fresh Football

SCORES

All-Fresh	-	-	-	-	6	Albion College	-	-	20
All-Fresh	-	-	-	-	0	U. of M. All-Fresh -	-		21
All-Fresh	-	-	-	-	0	Notre Dame All-Fresh	_	-	7
All-Fresh	-	-	-	-	13	Varil II N 1	-	-	7
All-Fresh	-	-	-	-	6	Camp Custer Ambulance	-	-	0

HONORS

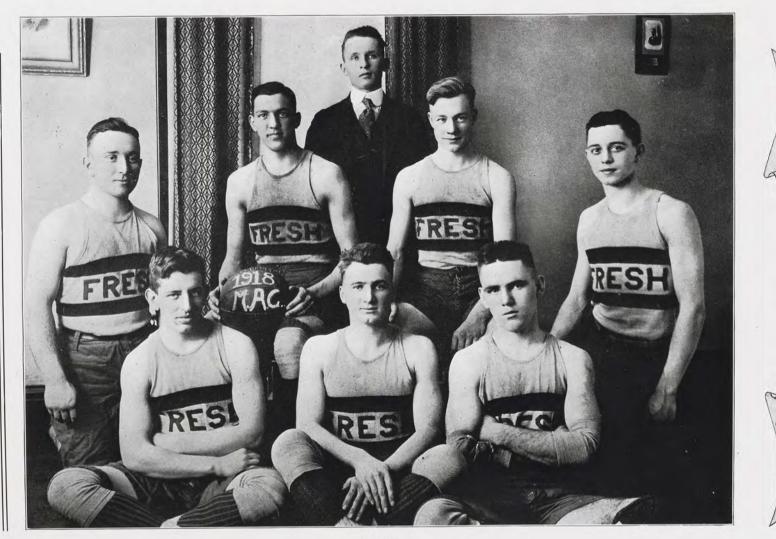
The following men were awarded the 1921 sweaters:

H. R. Swing	ИСС
T. L. Leach	H. C. Graves
W. Parks	R. S. Erdlitz
	U. J. Noblet
G. Putnam	E. J. Mueller
C. S. Wolf	W. H. Simmons
C. S. Van Orden	M. R. Waite
C. T. Sullivan	C. Macgregor
H. B. Wilson	S. C. Rohn
W	. F. Knight

FRESH RESERVES

P. B. Coulter W. L. Johnson J. Tyson

C. Trumbo S. Stevenson L. H. LaFond



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J

A

GauthierGauthierMcMillanPalmFosterSwingMcMillanBoyesRobinsonCoon

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All-Fresh Basket Ball

Although the number of victories were scarce, the All-Fresh showed the same fighting spirit as the varsity and every game was closely contested. Some excellent material will be available for the varsity next year.

RESULTS

Lansing High	-	-	-	33	All-Fresh	-	-		-	-		20
Mt. Pleasant Normal	-	-	-	22	All-Fresh	-	-	-	-		-	91
Western State Normal	-	-	-	24	All-Fresh		-		-	-	-	19
Detroit Junior College	-	-	-	12.	All-Fresh	-	-	-	-	-	-	16
Detroit Junior College	-	-	-	24	All-Fresh	-	-		-	-		26

The following men were awarded jerseys:

W. Palm	H. Swing
D. Robinson	F. Boyes
W. Foster	C. Millian
H. Coon	



All-Fresh Baseball

Handicapped by the lack of time in which to practice, the first All-Fresh baseball nine was organized and a schedule arranged. Due to the efforts of Coach Bibbins the team developed rapidly and promises to supply the varsity with good material for the coming season.

RESULTS

Lansing	High	-	-	-	-	-	5	All-Fresh	-	-	-	-	-	-	4
Owosso	-	-	-	-	-	-	1	All-Fresh	-	-	-	-	-	-	4
								All-Fresh							
Ypsilanti	-	-	-	-	-	-	3	All-Fresh	-	-	-	-	-	-	5

The following players received numerals:

N. Carr	O. Kellogg
Donnelly	C. Doscher
H. Peters	Robinson
S. Johnston	C. Peterson
I. Snider	Hollis



Murray Wilcox Johnson Cawood Bugai Collinson Hayes

Inter-Class Baseball, 1917

A great deal of interest was shown in the class baseball championship. The fight narrowed down to the Juniors and the Sophomores, the Seniors and the Freshmen being put out of the running early in the race for the flag. As can be seen by the races only two games were necessary to decide the winner. The first game ended 11-0 in favor of the Juniors and everyone thought that they would have a walk-a-way. This took place early in the season. The Sophomores, on the other hand, did not agree with the Juniors and retaliated by winning their games with the Seniors and Freshmen and evened the right to meet the Juniors, who in the meantime had lost a game to the Seniors, for the final decision. After a hard fight, when first one side was ahead and then the other, the Juniors earned the right to wear the numerals.

Scores and personnel of the team:

INTER-CLASS BASKET BALL 1917

Won Lost

Juniors	-	-	-	6	1	.857
Sophomores	-	-	-	5	2	.714
Seniors -	-	-	-	1	4	.200
Freshmen	-	-	-	0	5	.000

THE PERSONNEL OF THE 1918 TEAM

W. J. Bugai	C. C. Johnson
W. N. Cawood	J. E. Kotila
W. J. Lauder	L. N. Jones
W. R. Collinson	R. Wilcox
B. L. Schneider	B. M. Murray
C D	TT

G. R. Hayes



Inter-Class Track Championship

Saturday, May 5, 1917, the Sophomores walked away with the track championship. Incidentally it was the first class championship credited to the class of 1919. It was a nip and tuck battle all the way with the Sophs coming out on top, followed by the Fresh five points behind. Following are the scores:

110 Yards-Franson, Soph., first; Post, Soph., second; Hice, Jr., third. Time 11 3-5 seconds.

220-Yard Dash-Bartells, F., first; Franson, Soph., second; Hollis, F., third. Time not taken.

440-Yard Dash-Caldwell, F., first; Kurtz, F., second; Allen, Jr., third.

Mile Run-Mitchell, F., first; Jackson, Soph., second; Froelick, Sen., third.

120-Yard Hurdles-Taylor, Soph., first; Nelson, Jr., second.

220-Yard Hurdles-Hatland, Soph., first; Leffler, F., second; Ryan, Jr., third.

High Jump-French, Soph., first; Perry, Soph, second; Donovan, Soph., tied with two others for third.

Broad Jump—De Vette, F., first; Snyder, Jr., second; Liddicoat, Soph., third. 16-Pound Shot Put—Hammes, Soph., first; Wycoff, Soph., second; Smith, Jr., third.

Two Mile-Warner, Jr., first; Fox, Soph., second; Utley, Jr., third.

Discus-Major, Jr., first; Leffler, F., second; Hammes, Soph., third.

Pole Vault-Gardner, F., first; Stitt, F., second; Johnson, F., third.

Javelin-Major, Jr., first; Franson, Soph., second; Ginter, Soph., third.

STANDINGS

Sophs., 53 1-3; Fresh, 48 1-3; Juniors, 27 1-3; Seniors, 1. Soph Team—Franson, Post, Allen, Jackson, Ginter, Taylor, Hatland, French, Perry, Liddicoat, Hammes, Wycoff, Fox, Utley, Donovan.





Kotilla Brigham Johnson Johnson Schneider Murray Hayes DeYoung

Inter-Class Football

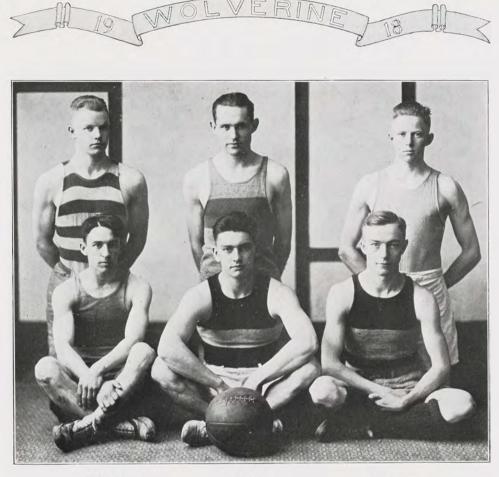
The Seniors, with a veteran team, easily romped over the other class teams, only three games being played. The Seniors' backfield, composed of Murray, Bugai, Collinson and Johnson, found no trouble in plowing through the opposing lines for long gains.

RESULTS

Seniors -	-	-	-	-	24	Juniors -	-	-		-	0
Sophomores	-	-		-	6	Juniors -	-	-		-	0
Seniors -	-	-	-	-	13	Sophomores	-	-	-		0

The following men were awarded numerals:

B. M. Murray	H. Froelich
W. N. Cawood	B. Schneider
W. J. Bugai	W. Collinson
W. Retzlaff	Nelson
R. Wilcox	G. Brigham
R. Perry	J. Kotilla
W. DeYoung	F. Millard
C. John	son



McKnight Barr Bassett Terwilliger Geiermann Renwick

Inter-Class Basket Ball

The Sophomores, despite the fact that they already had five men on the varsity squad, were able to produce a winning team. The games were hotly contested, more real rivalry existed than ever before. The championship was never in doubt and the second year men finished the schedule with a clean slate, Barr being the mainstay of the team.

RESULTS

Terwilliger Barr					Ren	McKnight Bassett					
					Renwick		Mak				
The foll	owing	men v	were a	award	ed num	erals:					
Juniors -	-	-	-	-	16	Freshmen	-	-	-	-	6
Seniors -	-	-	-	-	11	Juniors -	-	-	-	-	9
Seniors -	-	-	-	-	14	Juniors -	-	-	-	-	3
Sophomores	-	-	-	-	19	Juniors -	-	-	-	-	12
Sophomores	-	-	-	-	27	Freshmen	-	-	-	-	5
Sophomores	-	-	-	-	19	Juniors -	-	-	-	-	9
Sophomores	-	-	-	-	11	Freshmen	÷	-	-	-	6
Sophomores	-	4	-	-	10	Seniors -	-	-	-	-	9



T. C. DEE, Varsity Yellmaster

LOCOMOTIVE

Rah! Rah! Rah! Uzz! Uzz! Uzz! M. A. C.

Rah! Rah! Rah! Uzz! Uzz! Uzz! M. A. C.

Rah! Rah! Rah! Uzz! Uzz! Uzz! M. A. C.

Osky-wow-wow-wow, Skinny-wow-wow-wow-wow. Skinny-wow-wow-wow-wow-wow-wow-wow-wow!

Um-m-m-m-m-m---M A-a-a-a-a-a-a-A Ra-a-a-a-a-a-a-C M. A. C. Rah! !!!

Rat-a-to-thrat! to-thrat! to-thrat! Terrors-to-lick! to-lick! to-lick! Kick-a-ba-ba! Kick-a-ba-ba! M. A. C.—M. A. C.—Rah! Rah! Rah! !!

M. A. C.! ! M. A. C.! L-a-n-s-i-n-g! Ye can't fool the farmers, by heck!

SIREN

R-r-r-r-r-r-r-r-r-r-r-h! Varsity, Rah! R-r-r-r-r-r-r-r-r-h! Varsity, Rah! R-r-r-r-r-r-r-r-r-h! Varsity, Rah!



M. A. C. Interscholastic Meet College Field, May 24-25, 1917

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NOL

- 220-Yard Hurdles-Kurtz, Kalamazoo, first; Brokaw, Detroit Central, second; Beard, G. R. Central, third; McCallum, Detroit Central, fourth. Time, 28.0 seconds.
- 100-Yard Dash-Cowan, Pontiac, first; Brown, Detroit Central, second; Hogskins, G. R. Central, third; Gleason, Detroit Eastern, fourth. Time, 10.8 seconds.
- Mile Run—Varde Vesse, G. R. Central, first; Cooper, Detroit Central, second; Bruco, G. R. South, third; Gould, Detroit Central, fourth. Time, 4 minutes 45.8 seconds.
- 440-Yard Dash—Houston, G. R. Central, first; Mathews, Kalamazoo, second; Jones, G. R. Central, third; Brokaw, Detroit Central, fourth. Time, 54.2 seconds.
- 120-Yard Hurdles-Gleason, Detroit Eastern, first; Kurtz, Kalamazoo, third; Boeman, Kalamazoo, fourth; Spurrier, Detroit Eastern, fourth. Time, 17.6 seconds.
- 220-Yard Dash-Brown, Detroit Central, first; Houston, G. R. Central, second; Sitts, Pontiac, third; Rockwell, Detroit Eastern, fourth. Time, 23.8 seconds.
- 880-Yard Dash—Jones, G. R. Central, first; Bowman, Pontiac, second; Vande Visse, G. R. Central, third; Maugleson, Muskegon, fourth. Time, 2 minutes 11 seconds.
- Shot Put—Boweison, Otsego, first; Dunphy, Lansing, second; Walters, Otsego, third; Brown, Detroit Central, fourth. Distance, 41 feet 8 inches.
- Discus-Beltz, Lansing, first; Brown, Detroit Central, second; Shears, Otsego, third; Bishop, Lansing, fourth. Distance, 104 feet 1 inch.
- Pole Vault—Bailey, Beckenridge and Slaughter, Detroit Central, tied for first; Hamilton, Lansing, and Kean, Detroit Eastern, tied for third. Height, 10 feet 8 inches.
- High Jump-Hatch, St. Joseph, first; Kurtz, Kalamazoo, second; Platt, Kalamazoo, third; Anderson, Buckenridge and Spurrier, Detroit Eastern, tied for fourth. Height, 5 feet 6 inches.
- Broad Jump-Shears, Otsego, and Clark, Cass Tech., tied for first; Kurtz, Kalamazoo, third; Brokaw, Detroit Central, and Radford, Lansing, tied for fourth. Distance, 19 feet 11 inches.
- Hammer Throw—Schmidt, Saginaw Eastern, first; Shears, Otsego, second; Steleke,G. R. Central, third; Beltz, Lansing, fourth. Distance, 116 feet.
- Class A Relay—Beard, G. R. Central, first; Steketee, Houston, Hopkins. Time, 1 minute 41 seconds.
- Class B Relay—Alma, first; Howell, Walker, Heischberger, Wheaton. Time, 1 minute 45.8 seconds.

SUMMARY OF POINTS

Grand Rapids Central 33, Detroit Central 25½, Kalamazoo 20, Otsego 16, Lansing 12, Pontiac 12, Detroit Eastern 9, Alma 5, Saginaw Eastern 5, St. Joseph 5, Detroit Cass Tech. 4, Grand Rapids South 2, Muskegon 1.



Sammy on Patriotism

Oh, we're drillin', drillin', drillin' and these days are all alike, An' Fridays always bean day, and on Saturdays we hike, And the casual observer may sincerely ask to know Why we're any better soldiers than we were two months ago, And we'd have a job explaining where the big improvements lie, But there's little things a-plenty and we'll make it by and by . An' the day 'll come when actually we're on the Kaiser's track If we keep our lungs expanded and throw our shoulders back.

If a feller isn't yeller an' tries to do his best,

He is in it every minute and of course he'll arch his chest. While we're workin', workin', workin', and the work don't count at all, There is some as waxes peevish and seems inclined to squall. "What's the use of all this scrubbin'?" is what you hear 'em say, "When we do the same jobs over for each inspection day? "What's the use of evenin' classes when we get the same old dope "How to tell a block of triton from a cake of laundry soap, "How to tie the Spanish bowline and the bloomin' correct bend, "How to semaphore and wig-wag?" an' I want to say, "My friend,

"If a feller isn't yeller, and tries to do his best,

"He'll be pert at riggin' tackle and he's helpin' with the rest."

As we talk and talk together there is some opinions formed As to proper disposition and where slackers should be classed, An' it stricks your Uncle Dudley that there's some right here in sight That slacks when at attenshun an' backslides at squads right An' gawps around at revielle like pumpkins at the fair, An' goes with busted leggin' strings and hay seed in their hair An' I feel inclined to whisper to every such galoot, When I see him pass the Captain and forget the hand salute.

If a feller isn't yeller an' tries to do his best.

He'll be snappy with the little things and that's what I suggest.

But we're learnin', learnin', learnin' and when we go acrost We'll try our level darnd'st to remember what we've lost, And we'll wish we'd learned it better while the learnin' was so good, But we won't be half so sorry if we've done the best we could, If my patri'tism's honest as I pray the Lord it is— I'll pay pertic'lar 'tenshun to my own pertic'lar biz An' every single order that is to my good luck to get I'll make a little snappier than I've ever made it yet,

If a feller isn't yeller, he'll do the best he can

To bat a straight one thousand as a true American.

And we're hopin', hopin', hopin', that when we get our turn We'll be plumb full of ginger to use the stuff we learn And witness our sincerity while hopin' of these hopes By the pep we show in pickin' up the act of splicin' ropes, By the way we jab a shovel, by the way we swing a pick, By the way we keep o'stichin' till the order comes to move, We thus attest our true intent to serve the land we love,

If a feller isn't yeller, why he'll do the best he can

And Uncle Sam will make of him a first-class fighting man.

R. S. CLARK. '18

MILITARY







SERGEANT P. J. CROSS

M. A. C. has lost a true soldier and a sincere friend in the death of Sergeant "Paddy" Cross, which occurred January 27, 1918. President Kedzie has truly expressed the sentiment of the students, alumni and faculty in the following estimate: "Sergeant Cross' first appointment as instructor in military science dates from May 1, 1910. His services in the military department have been of the greatest value both to the College and to the nation at large. I do not overstate the matter, I believe, when I say that the work of Sergeant Cross developed interest in military work and created in the minds of our students a more just opinion of the services which a soldier renders to his government. I believe it is due largely to him that our students have responded in so great a measure to our needs in the present conflict."

Engineering Reserve Corps

Recently the War Department provided for the entering of service by engineering students in the technical branch of the enlisted Reserve Corps. Under such regulations as the Chief of Engineering may prescribe a portion of the students, as named by the school faculty, pursuing an engineering course in one of the approved engineering schools listed in the War Department may enlist in the Reserve Corps of the Engineering Department. This enlistment places the registrant in class five on the ground that he is in the military service of the United States.

A student so enlisted must be a citizen of the United States and of draft age. He must be pursuing a course for a technical degree at one of the schools on the list of technical schools approved by the Secretary of War. Since entering the institution he must have made a record of standing which will place him among the first third, based primarily on the scholastic records, of the young men who have graduated from that institution in the past ten years. Upon completing such a course he becomes a private in the Corps of Engineers.

M. A. C. is on this technical list and twenty men took advantage of this fact and on January 28th took the oath of enlistment into the Engineer Enlisted Reserve Corps.

These men have passed the physical examination and fulfilled the other requirements. They have been placed on the inactive list and will continue their courses, meanwhile reporting to the Chief of Engineers every month.

Members

C. J. Alder, '20
L. L. Bateman, '20
T. C. Dee, '18
W. O. Dow, '18
H. L. Froelich, '18
P. H. Gates, '18

E. C. Hach, '20 M. Harkavy, '18 W. E. Hartman, '18 H. E. Hemans, '20 P. A. Howell, '19 C. C. Johnson, '18

R. B. Kling, '20
L. S. Plee, '18
R. A. Shenefield, '19
W. F. Spletstoser, '21
E. H. Walker, '18
C. R. Wiggins, '20

The Reserve Officers' Training Corps

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Military Science has been put upon a new basis at M. A. C. during the past year. The work now offered is laid down by the War Department in General Orders No. 49, which states that "the primary object of establishing units of the Reserve Officers' Training Corps is to qualify, by systematic and standard methods of training, students at civil educational institutions for reserve officers."

The course is divided into two parts: (1) The first two years are required by the College of all physically fit male students as a prerequisite for graduation and requires three hours per week of instruction. (2) The last two years are elective on the part of the student. Five hours per week are required, of which three are devoted to the practical duties of training the students in the first two years' work and the other two hours are devoted to study of more advanced military science under the personal charge of the commandant.

The commissioned officers are selected on a competitive basis from the upper classmen who have good records and are taking the elective work. The noncommissioned officers may also be selected from this same group but in case there are not enough, some appointments may be made from the lower classes. Appointments are made only after a written examination, a competitive drill and a careful scanning of the applicant's scholastic record. Students with failures against their records are not eligible. A physical examination is also required for all those who take the course.

The new uniforms as prescribed by the War Department, consist of an olive drab wool cap, coat, and breeches, web belt, canvas leggings, two flannel shirts, and a pair of tan shoes, all of the army model. To secure this uniform the student must deposit forty dollars at the secretary's office. Although this seems high it is well worth the money when we consider: First, that as a member of the training units authorized by Congress, the student is expected to wear the uniform at all times, thus effecting a great saving of his civilian clothes. Second, that last year the State Defense Board allowed a bonus of ten dollars toward the cost of the uniform and this will probably be repeated for the incoming students. Third, that the federal government allows fourteen dollars *each* year to *all* members of the training units. In addition to this refund all commissioned officers receive commutation of rations which is thirty cents per day during the school year.

The course is under the guidance of Major Philip G. Wrightson, U. S. Army, retired, and First Sergeant Charles H. Robinson, U. S. Army, retired. M. A. C. is indeed fortunate in securing these men, both of whom are of wide experience and proven ability.



Veterinary Reserve Corps

The Medical Enlisted Reserve Corps is similar to the Engineer Corps. It is to the veterinary students what the engineering corps is to the engineers. The applicant for enlistment must be a citizen of the United States, twenty-one years old, and a bona-fide student at one of the well recognized veterinary schools approved by the Surgeon General.

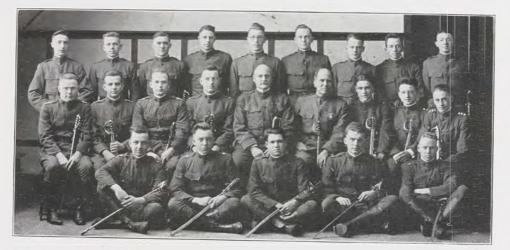
After passing the physical examination and fulfilling the other requirements, the registrant is placed in Class 5 on the ground that he is in the military service of the United States.

M. A. C. is one of the twenty-five approved veterinary schools and has men enlisted in this Reserve Corps.

There is a need of veterinarians in the army and the War Department has authorized the commanders of the various cantonments to allow such men that are already drafted but were pursuing a veterinary course at one of the recognized schools to return and finish their course. Men who avail themselves of this opportunity are required to attend the summer session of school and finish their course as soon as possible. In furtherance of this plan the Senior veterinary students put in extra time on their studies and were graduated on April 12th.



Officers' Association



Engles, Mosher, Manby, Buttolph, Fischer, Wilcox, Strang, Ingersoll, Fisher Stephens, Doyle, Harman, Overmeyer, Wrightson, Robinson, Keating, Dee, Calrow Keydel, Hill, Benkert, Himebaugh, Webb





The American University Union in Europe

M. A. C. is now a member of the American University Union in Europe, an organization whose object "shall be to meet the needs of American university and college men who are in Europe for military or other service in the cause of the Allies." The Union has its headquarters in Paris and has a London branch similar to the one in Paris although not as extensive.

The constitution of the Union gives the following as the objects of the organization:

To provide at moderate cost a home with the privileges of a simple club for American college men and their friends passing through Paris or on a furlough, the privileges to include an information bureau, a writing and newspaper room, a library, a dining room, bedrooms, baths, social features, etc.

To provide a headquarters for the various bureaus already established in France by the representative American universities, colleges and technical schools.

To co-operate with these bureaus when established, and in their absence to aid institution, parents, or friends in securing information about college men in all forms of war service, reporting on casualties, visiting the sick and wounded, giving advice, serving as a means of communication, etc.

Each college included in the membership pays dues for the maintenance of the Union in proportion to the size of the institution. It is our wish that all our men "over there" will have the opportunity to avail themselves of the comforts and privileges which the Union affords.





Radio Telegraphy

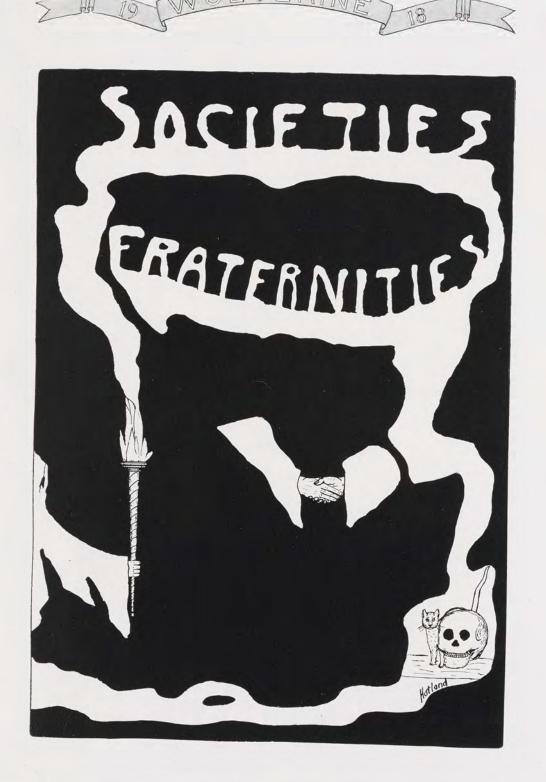
The War Department, upon the request of President Kedzie, authorized the establishment at M. A. C. of a course in radio telegraphy. The course was duly organized early last December and Paul J. Andrews, a "with '16" man, who has had considerable experience as a wireless operator in the navy, was secured as instructor.

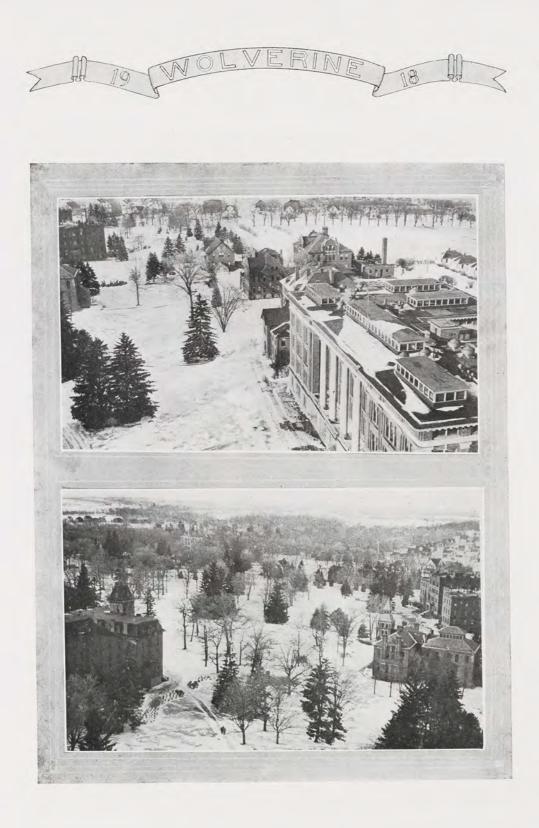
Five College credits are required for this course, but only those men who are registered in the draft are eligible. The work does not excuse a man from draft, if drafted before completing the course, he receives statements from his instructor and President Kedzie as to his standing and ability. Upon arrival at camp, he may present these to the commanding officer and, at the same time, make application to be transferred to a radio school where he may finish his course.

A great deal of interest is being taken in this work. It is a branch of the service which requires well trained men and the men of M. A. C. are entering the field as readily as they have answered the calls to other branches of the service.

CAMPUS









Honorary Fraternities

ALPHA PSI ALPHA ZETA OMICRON NU SCABBARD AND BLADE SEM BOT TAU BETA PI VARSITY CLUB XI SIGMA PI

.





Tau Beta Pi



Dow, Sawyer, Johnson, Bissell, Brigham Dee, Doyle, Keating, Osborne



Tau Beta Pi

Honorary Engineering Fraternity

Established 1885

Michigan claims three chapters of Tau Beta Pi, and of these three, the M. A. C. chapter was the first to receive its charter, hence the name Alpha of Michigan. The other two chapters are Beta, of the School of Mines, and Gamma, of University of Michigan.

The Alpha chapter was founded in 1892 and was the first to receive a charter from the parent chapter of Lehigh University. There are at present 32 active and several alumni chapters with a total membership of 7,500.

Eligibility to membership is confined to those of the engineering course who stand in the first quarter of their class at the beginning of their Senior year and the first eight of the Junior class at the beginning of the winter term—the Junior having the highest scholarship record at the beginning of his Junior year being counted in this eight and initiated in the fall term. In the final selection of members only those can qualify who possess a good moral character, congeniality and those kindred characteristics which make for leadership among men.

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E. R. Benkert

E. Osborne N. L. Reed

E. D. Crandall

T. W. Keating

S. T. Wellman

1918 MEN IN SERVICE

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Alpha Zeta



Strang, Thies, McKinney, Blades, Buttolph, Younker, Miller Cawood, Jordan, Wilcox, Iddles, Wattles, Kotilla, Mallman



Alpha Zeta

Honorary Agriculture Fraternity

Kedzie Chapter, Organized 1902

Established 1897

Prof. Thomas Gunson Prof. R. H. Pettit

> J. H. Gretton E. R. Trangmar

A. G. Kettunen

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Omicron Nu



Spaford, Caswell, Snyder, McIntyre, Gruner, Hopphan, Harris Grettenberger, Foley, Johnson, MacLachlan, Keiser, Cargo, Chubb, Carney, Rigterink Stevenson, Dundas, Rogers, Lankton, Lewis, Yeiter, Cottrell, Higgins



Omicron Nu

Honorary Home Economics Sorority Organized: Alpha Chapter at M. A. C., 1912

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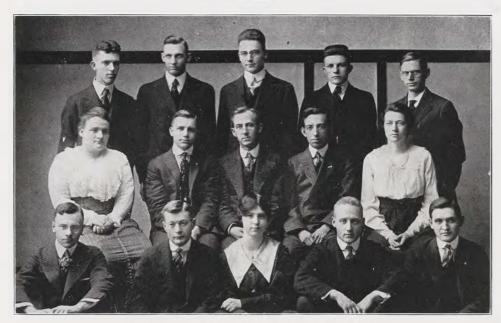
Florence Yeiter

JUNIORS

Orenna Caswell Mabell Higgins Aletha Keiser Margaret Snyder Lavina Cottrell Ethel Hopphan Agnes McIntyre Ethyl Spaford







McKinney, Bennett, Allen, Anderson, Giltner Gillette, Kotilla, Bessey, Hibbard, Deadman Dorr, Rudolph, Clements, Diehl, Diehm

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HONARIOUS Dr. Ward Giltner

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Ordinarii Foster Rudolph

C. W. Bennett

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J. W. Nicholson R. W. Peterson Novitii A. G. Kettune C. F. Murphy

Ezra Levin D. A. Seeley

UNDER GRADUATE MEMBERS

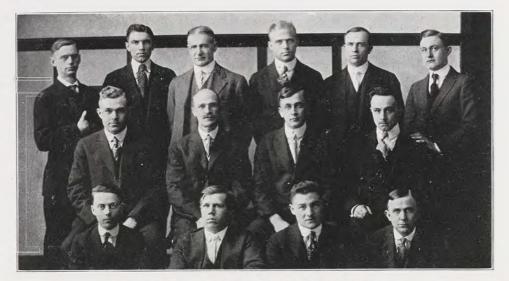
NOVITII

Hazel Deadman Leila Clements Edna Gillette S. Gershberg F. W. Fitzpatrick B. C. StoneH. Dorr, Jr.E. D. LongneckerH. H. McKinney

H. C. Diehl E. S. Anderson J. E. Kotilla W. F. Allen O. Diehm







Giltner, LaBar, Chamberlain, Hanson, Hallman, Beaver Benner, Lyman, Mater, Lamoureaux Dunn, Bandeen, Trubey, Robbins

Alpha Psi

Honorary Veterinary Fraternity Iota Chapter Organized 1915

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D. C. Beaver

O. O. Mater

SENIORS

JUNIORS

A. R. Dunn C. F. LaBar S. G. Bandeen

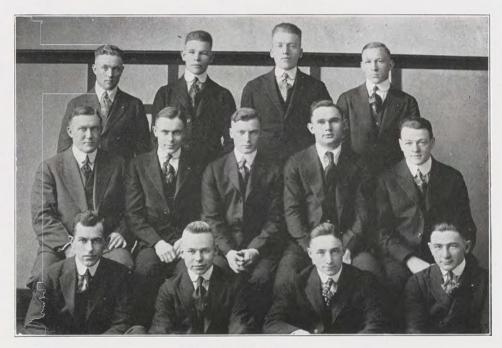
K. B. Hanson G. W. Trubey G. D. Robbins

D. J. Lamoureaux





'Varsity Club



Mills, Archer, Franson, Hammes Brewer, Murray, Turner, DeMond, Ramsey Thomson, Kellogg, Snider, Miller



Varsity Club

Honorary Athletic Fraternity

Organized 1915

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J. E. Turner

SOPHOMORES

M. Lefler

J. Snider C. J. Thomson

J. С.

C. Bassett O. T. Kellogg





Scabbard and Blade



Engles, Wilcox, Keating, Stephens Doyle, Fischer, Harman, Wrightson, Overmeyer, Calrow, Dee



Scabbard and Blade

Scabbard and Blade is a national honorary fraternity composed of officers in the cadet corps of the various colleges and universities. It was organized in 1902 to further the interest in military work among the students. Company "K" of the 1st Regiment was established at M. A. C. in 1914 and since that time has enjoyed a very successful career.

At the call for officers for the National Army nearly the entire roll of Company "K" responded and left school to attend the first Reserve Officers' Training Camp at Fort Sheridan. The same conditions are expected to recur this spring and it has therefore been decided to discontinue the active chapter for the period of the war, arrangements being made for the re-establishment thereafter.

HONORARY

Major Philip G. Wrightson, U. S. A., Retired

FACULTY AND RESIDENT MEMBERS xton E. J. Menery J. Y

Prof. R. G. Saxton

J. W. Nicholson

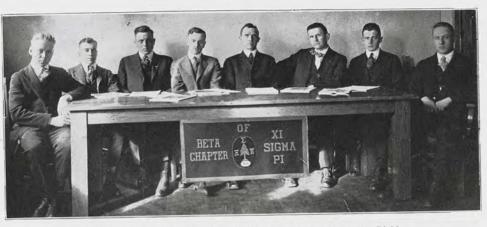
ACTIVE (1917-1918)

Colonel W. G. Retzlaf Major W. N. Cawood Major T. W. Keating Major C. J. Overmeyer Captain R. M. Maitland Captain L. Calrow Captain T. C. Dee Captain R. L. Doyle

Captain E. C. Fischer Captain J. H. Harman Captain C. J. Perry Captain R. Wilcox 1st Lieutenant J. L. Engels 1st Lieutenant R. J. Liddicoat 1st Lieutenant R. T. Stephens







Webb, Thompson, Kessler, Dorr, Chittenden, Sanford, Bennett, Diehl

Xi Sigma Pi

Honorary Forestry Fraternity

Alpha Chapter Organized at the University of Washington, Seattle, 1908 Beta Chapter at M. A. C., 1916

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JUNIORS

J. M. Bennett

W. E. Webb



Literary Societies

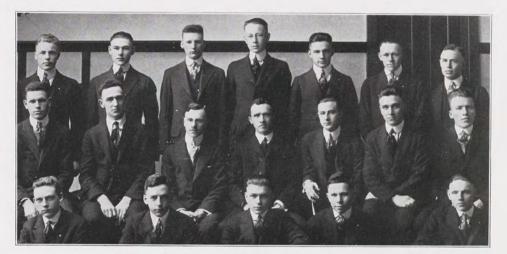
AE-THEON ATHENAEUM AUROREAN COLUMBIAN DELPHIC DORIAN ECLECTIC EUNOMIAN FORENSIC HERMIAN HESPERIAN IONIAN. OLYMPIC ORPHIC PHI DELTA PHYLEAN TRIMOIRA UNION LITERARY ERO ALPHIAN FERONIAN LETONIAN SESAME SORORIAN THEMIAN



.



AE-Theon



Anderson, McGunegle, McCaughan, Golden, Rider, Borgman Perry, Love, Dorr, Chittenden, Lankton, Campbell, Franson Fay, A. H. Case, Morley, Matzinger, Sutherland



AE-Theon

Organized 1915

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RESIDENT MEMBERS

Mr. A. B. Love

M. B. Eichelberger

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G. E. Lankton

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W. B. Sutherland

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R. W. Billings N. W. Beltz W. Donovan

L. D. Brown S. F. Beatty H. E. Franson

Sophomores J. B. Golden

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G. N. McGunegle

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N.	D.	Koleman
V .	Lu	dwig
W.	La	uder

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C. Leveaux

R. T. Roblin

H. L. Smith

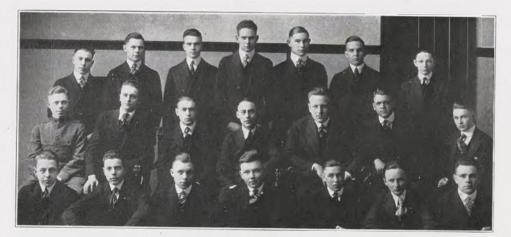
Sophomores

K. B. Baughman





Athenæum



Buckman, Zuidema, Quigley, Atkin, Beltz, Laur, Fox Clemetsen, Way, Taylor, Krueger, Smith, Lyon, Jordan Den Uyl, Luxford, Hubbard, Baur, Simmons, Hamilton, Parker



Athenæum

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Howard E. Beatty

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Donald Scott Lyon Elmer Francis Way Milton Russel Fox

Sophomores *

James Olin Beavis Earle J. Laur

Richard Quigley Albert Zuidema

FRESHMEN

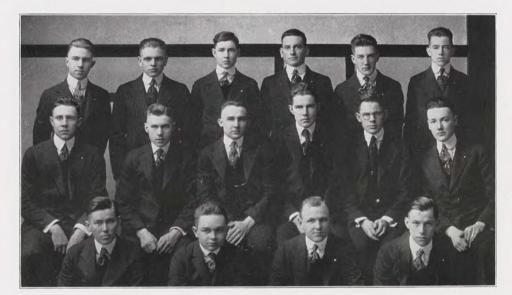
Thurman M. Luxford Walter Heath Simmons Harold Edmond Parker Harry Buchman Frank Aurelius Baur Verne Leon Harris

Lester Leonard Beltz Harold MacRae Hubbard Daniel DenUyl John Hamilton Walter Sidney Bersey

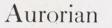




Aurorian



Baldwin, Prentice, Kennedy, Bryant, Smith, Powers Roth, Beers, Harris, Frye, Straight, Fortney Dyer, Shedd, Finnigan, Nichle



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F. A. Prentice

E. A. Roth

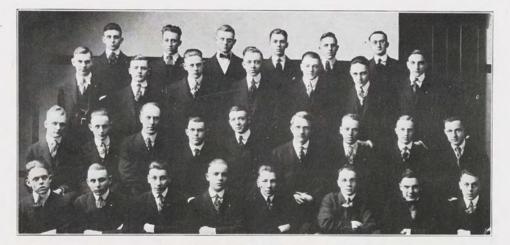
PLEDGE

H. W. Norman





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Hoffman, Rohn, Chapel, Steele, Von Sprecken, Wyatt Baxter, Doscher, Redfern, Hill, Ramsay, Bonine, Miller McGaw, Davies, Ryder, Wellman, Fischer, Robinson, Webb, Ellis, Keydel North, Brendel, Martin, Fleming, Kilgore, Schuon, Hale, Coburn



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H. B. Keydel

S. R. Hill

Earl Baxter R. L. Baxter

A. Brendel

Lee Hale

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R. O. Fleming

H. N. Chapel

H. C. Dascher

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R. L. McGaw W. E. Webb

J. E. Wolf

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S. V. Bottimer

I. G. Hill

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P. R. Von Sprecken

H. J. Ellis

T. H. Steel L. R. Schuon

S. T. Wyatt





Delphic



Latter, Leffler, Alder, Proctor, Pless, Meanwell, Overmyer McKinley, Ode, Strang, Mills, Cawood, Coburn, Stark Rann, Nickolson, Benner, Kimball, Plant, Bennett, Froelich, Hatland Poole, Bailey, Johnson, Jacobs, Coulter



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G. W. Cooper

H. A. Freeman C. M. Hatland

C. G. Alder

D. R. Coburn

F. S. Jacobs

K. D. Bailey

R. B. Coulter

O. R. Beal

J. W. Nicholson

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R. E. Loree

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L.	J.	Liddicoat	

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G. H. Mills

H. C. Stark

Overmyer

Strang

D. T. Sheppard

M. B. Rann R. H. Turner

PLEDGE

N. H. Tenney





Dorian



Martin, Estes, Burdick, Pugsley, Allen, Overholt, Lancashire, Folks, Saxton, Townsend Gorsline, Ungren, Anderson, Ingersoll, Manby, Hint, Thies, Perrine Yeatter, A. Gettel, F. Gettel, Weidemann, Plumb, Cargo, Brooks, Knight



Dorian

Organized 1915

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Prof. W. W. Johnson

B. A. Faunce

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E. B. Hint

W. F. Allen R. D. Perrine

J. M. Burdick

R. J. Martin C. G. Pugsley R. E. Yeatter

William Cargo

P. M. Neale

JUNIORS

J. N. Folks W. H. Thies

SOPHOMORES

G. F. Davis E. L. Overholt H. R. Saxton

FRESHMEN

H. J. Hawkins H. J. Plumb

R. H. Gorsline E. E. Ungren

T. L. Ingersol

W. F. Mamby

B. J. Brooks

B. T. Knight S. C. Owen

M. C. Townsend

E. R. Lancashire

PLEDGES

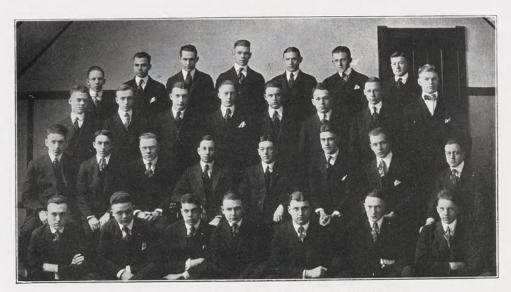
Arthur Goettle A. G. Weideman

Frank Goettle





Eclectic



Kingery, Kehm, Basset, Archer, Julian, Shigley, Rudolph McBain, Renwick, Rigterink, Hille, Yull, Coulter, Rice, Trombo Kelly, Barr, Stephens, Wells, Stewart, Keating, M. Allen, Holt Hunter, Lacey, Batterson, Burns, Rowley, Backus, H. Allen



Eclectic

Organized 1877

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od Prof. H. K. Vedder Prof. R. K. Steward Mrs. Mildred Osband

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C. H. Basset J. S. Holt H. M. Renwick

Wm. Burns, Jr. P. Rice H. Rowley

R. T. Stephens L. C. Archer

Sophomores

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H. L. Patterson J. M. Kelly D. Lacy R. Backus G. R. Benedict K. C. Guenter P. C. Yull

D. A. Dobie R. S. McBain E. P. Kehm

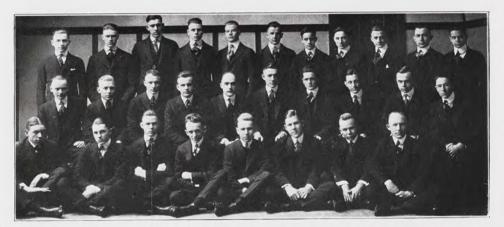
H. Allen F. E. Shigley

H. Hunter





Eunomian



Winston, Frazier, Hemans, Martin, McKnight, Bennett, Bentley, Snider, Osgood, F. Musselman, Powell Volz, Kettunen, Trangmar, Doyle, Miller, Hotchin, Ulbright, Davis, Iddles, Shenefield Macgregor, Muhlitner, Kelly, Patrick, D. T. Musselman, Barnes, Kellogg, Lunden



Eunomian

Organized 1903

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Mr. P. L. Miller

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H. A. Iddles

R. A. Shenefield

R. N. Wright

S. M. Powell

A. W. Winston

I. J. Snider

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WINTER TERM'

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R. L. Doyle

JUNIORS

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B. H. Bentley C. O. Devries O. T. Kellogg

M. G. Barnes D. Devereaux E. B. Kelly . In Doyle

F. F. Musselman

B. W. Martin W. M. McKnight C. H. Osgood K. S. Frazier

SOPHOMORES

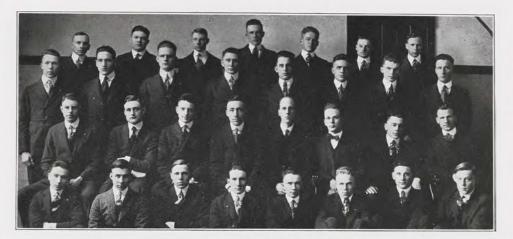
FRESHMEN

L. C. Lundin J. L. Patrick C. Macgregor L. W. Ross J. B. Muhlitner W. C. Swank





Forensic Society



Mitchell, Gulliver, B. A. Rainey, Gleason, Menzel, D. F. Rainey, Shaffer Koopman, Bailey, Alderman, Kelty, Lindequist, McLravy, Himebaugh, Vaughn Buttolph, Beaver, Dee, Ballamy, Cory, Harman, Major, Bugai Cosgrove, Baldwin, Weston, Galbraith, Smith, Palmer, Morris, Putnam

Forensic

Organized 1907

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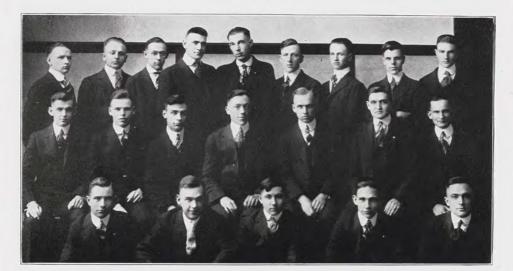
P. F. Bailey D. F. Rainey F. Stenholm H. Koozman

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5

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W. A. Tobey

H. J. Bartley

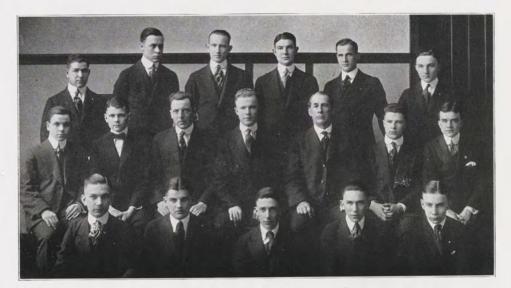
A. S. Burkett R. A. Paton W. E. Hartman H. A. Meyers

M. B. Wolford C. L. Phelps G. L. Cheal L. K. Flower





Hesperian



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E. E. Rothman J. D. Walker

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F. F. Rogers R. M. Schenck

-

J. B. Ranger E. C. Sackrider

n. e. buching

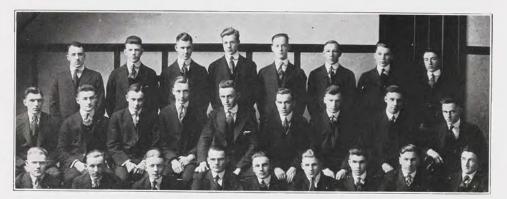
MEN IN SERVICE

H. D. Straight
C. L. Warren
H. K. Wrench
W. F. Thomas
T. R. Trownsell

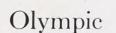




Olympic



Nelson, Small, Parks, Swing, Collins, Hammes, Nicholls, Engels LaBar, Trubey, Murray, Corbett, Carmody, VanAken, Turner, Mitchell, Brigham Hare, Fox, Armstrong, Rowe, Bateman, Stanford, Denning, Sturm, Noblet



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Joe Hare M. H. Small G. C. Nichols

N. J. Noblet R. C. Stanford K. S. Fox

PLEDGES

W. H. Sturm

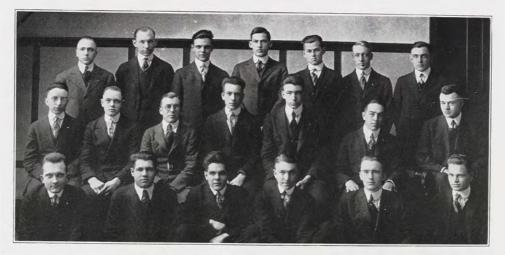
E. J. Armstrong

C. F. LaBar





Orphic



Lundin, North, Premo, Blackman, Lafler, White, Fleming Dunstan, Gates, Thompson, Warner, Dettling, Stang, Longnecker House, Benkert, Platz, Blake, Radford, Marks



Orphic

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J. Tyson

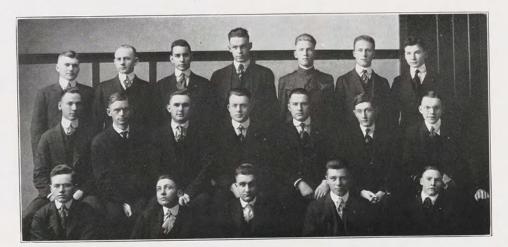
W. L. Spencer

*In Service.

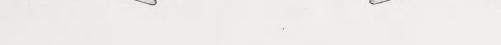




Phylean



Bergman, Christiansen, Geisler, Wood, Barnett, Waterbury, Crane Deal, Giltner, DeMond, Collinson, Shane, Mallman, Clench Johnson, Erbach, DenHerder, Aronson, Stephenson



 (\bigcirc)

Phylean

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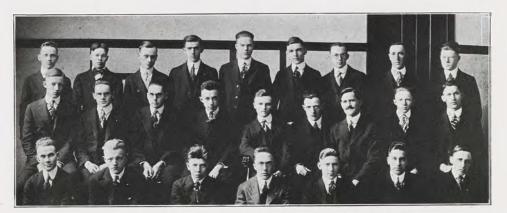
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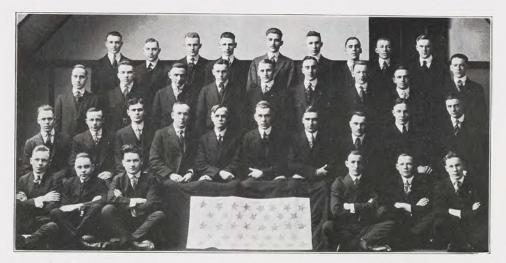
P. W. Koepnick

Sophomores

J. B. Dakin



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Florence Thompson

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Feronian



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Gladys Towar

Dorothy Heysett

Dorotha Kempf

Helen Mead Gladys Gordon Margaret Copas

Sophomores

JUNIORS

Bertha Lyman Ada Woodard Agnes Tappan

FRESHMEN

Pricilla Boyce Dorothy Curtiss Margaret Joy Lois Remage Madeleine Wardle Ruth Miles Verna Derck

Martha Pratt

Gertrude Newbrough

Frances Carr Ann Harvey Margaret Kuhn Margaret Taylor Dorothea Wetherbee

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Florence Cady





Letonian



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Letonian

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Miss Edna Garvin

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Mrs. Baldwin Miss Clemens

Mrs. Baldwin Miss Clemens

Mrs. Peppard FACULTY MEMBERS Mrs. Publow Mrs. Gunson RESIDENT MEMBERS Mrs. Publow Mrs. Gunson OFFICERS

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Mrs. Kiefer Mrs. Bemis

Mrs. Kiefer Mrs. Bemis

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> PLEDGE Iva Robb

Frances Smith

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Helen Hilliard Marian Normington Marie Corcoran Phyllis Rossman

Helen Booth Mildred Clymer

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Fanny Rogers Eileen Wilson

Marjorie Cook Gertrude Rogers Marion Templeton

Ethel Snyder Cecile Gebhart Marian Laidlaw

Margaret Tubbs

Marguerite Beck, Fern Fillingham

Lucille Urch





Sororian



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Sororian

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Miss Mable Persons

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Elma Kitti

Jane McNinch

Cheryl Windes

Alice Brunson Katherine Burns Geraldine Curtis

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FRESHMEN

Pearl McComb Janet Isbel Margaret Jess

Dorothy Harrington Violet Osborn





Themian



Childs, Kober, Scott, Lillie, Babcock, L. Collingwood, Seeley, Bennet Rusche, Williams, Carney, Chubb, Carlson, Curts, Cummings, R. Collingwood Schravesande, Rigterink, Shattuck, Snyder, Harris, Ferris, Beebe, McBride, O'Brien, Cotterell Cowan, Lyons, Evans, Coverdale, Whitcomb, Hunter, McBride



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Dorothy Cowan

Paula Lane

Irene O'Brien Mary Ann Hunter Patricia Lyons



The Prophetess

(Published in "Poets of the Future," the Anthology of College Poetry for Year 1917-18)

I watched you o'er the tea-cloth's cool expanse, A gracious girl of gladsome friendliness, And dreamed not you could learn in one swift glance The will of all the years to curse or bless. Yet—lingeringly I drained the last pale drop.

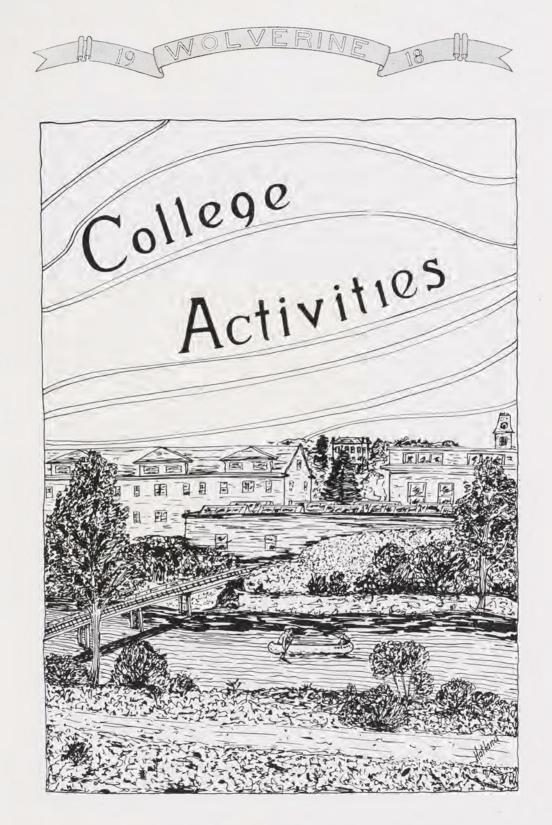
O bright-haired seeress of the fragile cup, Your sweet eyes searched among the broken leaves, And reverently and low you builded up The tale, as one who piles the golden sheaves At sunset in a lonely harvest field.

The mystic murmur of your voice was merged In rippled whispers of a vagrant stream, That wondered far in shadow ere it surged In sudden gleeful splendor where the gleam Of calm blue water promised radiant rest.

You prophesied the joys of hours to come, The petty sorrow, the repentant tears; And underneath the words the drowsy hum Of rambling woodland waters sieged my ears Until my life and the far stream seemed one.

You foretold bitter doubts and shadows stark Along the deviating drift of years, Then—sudden luminous peace beyond the dark O truthful prophetess you saw as seers Of old, for still do life and stream seem one.

KATHERINE HUME, '18





College Activities

PUBLICATIONS RECORD HOLCAD WOLVERINE BAND STUDENT COUNCIL INTER-SOCIETY UNION M. A. C. UNION DEBATING DRAMATICS GLEE CLUB RELIGIOUS TECHNICAL GENERAL





C. W. McKibbin

The M. A. C. Record

The M. A. C. Record first began elbowing its way out among students and alumni in January, 1896, when The Speculum, a student paper, finally succumbed after it had braved the turbulent billows of finance for nearly fifteen years. After digging deeply into their pockets to pay its bills, the faculty took the Record upon themselves and until 1913 it appeared under the direction of that body. For the past five years it has made its weekly appearance as the official organ of the Michigan Agricultural College Association its present sponsor and publishers.

organ of the Michigan Agricultural College Association, its present sponsors and publishers. The Record has two distinct aims, the first, to firmly tie alumni and former students to Alma Mater, and the second, to keep them in touch with each other. As a messenger of the M. A. C. Association its underlying purpose is to maintain College spirit and enthusiasm and keep the organization lined up ready to further the interests of M. A. C. The Michigan Agricultural College Association is composed of both alumni and former

The Michigan Agricultural College Association is composed of both alumni and former students, membership being open to anyone who has completed one term's work. The Association holds its annual meeting at commencement time, when alumni and former students, in groups of classes that were in College together, return for their reunions. The object of the Association is the advancement of the interests of M. A. C. and service to Alma Mater. Besides publishing the Record to keep members informed of alumni sentiment, the growth of the College, and the progress of their fellow members, they help maintain a permanent secretary and an office for the keeping of alumni records. The mother association and the spirit of M. A. C. are bolstered through the organization of many local associations throughout the state. Every student who leaves M. A. C. should get in touch with the Association in his community, or if none exists, he should get busy and start one. The possibilities for service that may come out of a thoroughly organized and properly supported M. A. C. Association are many.

As the organ of the Association the Record is destined to become a powerful factor in mustering alumni support for the College.

EDITORS OF THE RECORD

1896-1901—Edited by Faculty and Students.
1901-1902—H. Edwards and P. H. Stephens.
1903-1903—P. H. Stephens.
1903-1904—G. Masselink.
1904-1907—B. A. Faunce.
1907-1909—W. J. Wright.

1909-1910—C. Henley. 1910-1913—B. A. Faunce. 1913-1914—G. C. Sheffield. 1914-1917—C. S. Langdon. 1917- —C. W. McKibbin.





Wolverine Board

EDGAR OSBORNE, Editor-in-Chief MILTON R. Fox, Business Manager PAUL A. HOWELL, Advertising Manager

Associate Staff

Einar E. Ungren, Assistant Editor-in-Chief Elmer F. Way, Assistant Business Manager Newton L. Reed, Assistant Advertising Manager John M. Kuder, Class Editor Gertrude M. Rogers, Assistant Class Editor Clarence M. Hatland, Art Editor Lavinia E. Cottrell, Assistant Art Editor Forest F. Musselman, Faculty Editor Louise H. Hubbard, Assistant Faculty Editor Boyd A. Rainey, Military Editor Harold H. Himebaugh, Assistant Military Editor Russell F. Montgomery, Athletic Editor Clarence F. Ramsay, Assistant Athletic Editor Hans B. Keydel, Campus Editor Elma Kitti, Assistant Campus Editor Charles G. Callard, Society Editor Katherine W. Burns, Assistant Society Editor Lemoyne Snyder, Humorous Editor Claudice M. Kober, Assistant Humorous Editor Richard T. Stephens, Snap-shot Editor



The Wolverine

The history of the M. A. C. College Annual began some thirty-one years ago when in 1887 Volume I of the "Harrow" made its appearance on the campus, sponsored by the Sophomore class, and was accorded a warm welcome by the 323 students then in attendance. It was a book of 170 pages (6 x 9 inches) which recorded in poem and prose the sayings and doings of the past school year, but did not attempt to publish any pictures save those of a few faculty members. In the following year, 1888, Volume II, likewise called the "Harrow," made its bow; it was in this year that Abbott Hall, Howard Terrace and the Horticulture Building were completed. Volume III, which appeared in 1889, was the last volume to bear the name of the "Harrow," and likewise the last annual to be published by the Sophomore class.

Whether or not the choice of a name for the first three volumes of the College yearbook was unwise is a matter of dispute, the harrowing details are obscured by the clouds of time, but certain it is that when Volume IV of the yearbook made its appearance in 1896 the name was changed and we find the Junior class presenting the "Heliostat." It was in this year that another College publication, the "Record," made its appearance, also the book recorded the beginning of the Home Economics course in this year.

The reception of the "Heliostat," while cordial, did not suffice to inspire the succeeding class to continue the good work and we find Volume V delayed in publication until 1900, when the famous class "naughty one," brought forth a year-book which they called the "Wolverine"—"which is after the name of that animal which is sacred to the land of our fathers." This name, with one exception, has been bestowed upon all succeeding annuals. The exception was Volume VI, which was published in 1904 under the name "Glück Auf," this book marked a forward step in M. A. C. publications, for not only did it print pictures of the faculty, fraternities, societies and athletic teams, but it presented individual pictures of each member of the two upper classes.

In 1907, to commemorate in a fitting way the fiftieth birthday of the oldest agricultural college, the "Jubilee Wolverine," Volume VII, was brought out. It was distinctive in that for the first time the individual pictures of all students from "Prep" to Senior were presented. After the lapse of another three years, Volume VIII of the "Wolverine" appeared in 1910, and then, realizing that what the Sophomore classes of '89, '90 and '91 accomplished in publishing the yearbook annually when the student body numbered 300, contrasted most unfavorably with the class spirit and the initiative of those Junior classes who, in spite of rapidly growing numbers, had failed to publish a yearbook, the class of '12 boldly announced the doctrine that it was the duty of each Junior class to present to the alma mater a College Annual which should be called the "Wolverine." From this time on each Junior class has recognized its obligation and, difficult though it has been at times, yet class and college spirit combined have prevailed over such difficulties. The annual "Wolverine" as a memory book for alumni, and social register for the faculty and student body has each year filled a vital part of college life at M. A. C.



M. A. C. College Annuals

	Name		Date	Class	Editor-in-Chief	Business Mgr.	Advertising Mgr.
Vol.	Ι	Harrow	1887	Sophomore	P. G. Holden	J. H. Wheeler	-
Vol.	II	Harrow	1888	Sophomore	H. M. Williams	F. G. Clark	
Vol.	III	Harrow	1889	Sophomore	J. L. Potter	F. W. Ashton	
Vol.	IV	Heliostat	1896	Junior	E. D. Sanderson	W. R. Goodwin	
Vol.	V	Wolverine	1900	Junior	H. P. Baker		
Vol.	VI	Glück Auf	1904	Junior	H. S. Hunt	C. I. Auten	
Vol.	VII	Wolverine	1907	Junior	R. G. Carr	A. T. Barley	G. Dodge
Vol.	VIII	Wolverine	1910	Junior	N. VanHorne	R. W. Sloss	C. W. McKibbin
Vol.	IX	Wolverine	1911	Junior	O. W. Schleussner	R. J. Tenkenohy	E. C. Kiefer
Vol.	X	Wolverine	1912	Junior	D. L. Hagerman	R. E. Loree	F. L. Granger
Vol.	XI	Wolverine	1913	Junior	E. C. Voltz	F. H. Mueller	J. G. Woodman
Vol.	XII	Wolverine	1914	Junior	G. K. Fischer	L. Billings	A. N. Hall
Vol.	XIII	Wolverine	1915	Junior	L. Wells	H. Jessup	H. Stinson
Vol.	XIV	Wolverine	1916	Junior	E. Trangmar	G. Stewart	E. H. Pate
Vol.	XV	Wolverine	1917	Junior	H. K. Abbott	H. E. Alford	L. C. Calrow
Vol.	XVI	Wolverine	1918	Junior	E. Osborne	M. R. Fox	P. A. Howel!



Holcad Staff



Perkins, D. R. Bennett, Overholt, Rice, Wright, Cudaback, Roth Stark, Huxtable, Simmons, Yeiter, Dee, Ungren, J. M. Bennett Hatland, Anderson, Carpp, Rothman, Beaver



The Holcad

The Holcad is the students' newspaper and is published each week by a staff composed entirely of students. It has the hearty support of all the students and is a recognized factor in molding student opinion.

The paper is operated on a competitive basis. In order to be eligible for the position of editor, a student must have first served nearly three years on the staff. He begins as a reporter in his Freshman year and continues as such through two terms of his Sophomore year. At the end of that time he is promoted to an assistant editorship, providing his reportorial work was of such caliber to warrant the promotion. He serves as an assistant editor during the remainder of his Sophomore year and through two terms of his Junior year. Near the close of this last period of service, the Holcad Board, consisting of the retiring editor and business manager, the associate editors, all Seniors, and the president and secretary of the Student Council, select from the four assistant editors two to go before the student body in the general election as candidates for managing editor of the paper.

The competitive system is now in its second year and promises all that was hoped for it. Through it ambitious College journalists are afforded a fair opportunity to prove their worth and the paper is assured of a trained editor each year, and one who has fought his way up from the ranks.

EDITORIAL STAFF

Managing Editor, T. C. Dee Business Manager, R. S. Simmons Co-Ed Editor, Florence Yeiter

ASSOCIATE STAFF

Associate Editors

E. S. Anderson

D. R. Bennett

Assistant Editors

E. E. Ungren	J. M. Bennett
R. N. Wright	E. E. Perkins

Assistant Business Managers

R. B. Huxtable

B. O. McKim

ART

D. G. Lane

C. M. Hatland

REPORTORIAL

W. H. Cudaback E. L. Overholt R. E. Yeatter E. E. Carpp E. A. Roth P. L. Rice

H. C. Stark

W. E. Webb

E. E. Rothman



Holcad History

The Holcad was founded as the result of a mass meeting held by M. A. C. students during the winter of 1909. The first issue appeared in March of that year and was edited by C. C. Taylor, '09. It was intended at one time to name the paper The Gander, but just before the first issue appeared the name was changed to The Holcad, after the famous Greek ship which bore the good news from Athens to the scattered Greek colonies.

During the first year and a half of its existence The Holcad was a magazine-like periodical of some twenty pages and was issued every two weeks. A great deal of space was devoted to short stories and poems written by the students. However, it was a very newsy publication and did credit to the staff which worked out its details.

In 1911, under E. C. Lindemann, The Holcad became a weekly but retained its original size. Another advance was made at that time in that the space formerly devoted to College fiction and poetry was largely given over to College news.

It was not until 1915 that The Holcad expanded to its present size, an eight-page, five-column weekly.

From the first issue The Holcad has improved steadily and every editor and his staff have left behind them some change which has helped to bring out a bigger and better student publication and one that will more nearly approach that ideal set by the founders of the paper, "To give to the student body a representative paper."

In recent years the circulation has increased until practically every student is a subscriber and the general tone of the paper is such that it is quite widely copied by the student papers of other institutions. The policy of the paper has been to consecrate itself to the interests of a greater M. A. C., one that both students and alumni can point to with pride.



Holcad Editors and Business Managers

1909 (Spring)	C. C. Taylor
1909-1910	J. W. Chapin
1910-1911	E. C. Lindemann
1911-1912	G. V. Branch
1912-1913	K. M. Klinger
1913-1914	R. F. Irvin
1914-1915	G. K. Fisher
1915-1916	M. E. Bottomley
1916-1917	G. O. Stewart
1917-1918	T. C. Dee
1918-1919	E. E. Ungren

L. G. Johnson I. D. McLachlan G. H. Collingwood H. H. Coplan F. L. Granger J. L. Snellink A. N. Hall L. D. Fisher L. H. Verschoor R. S. Simmons R. B. Huxtable





M. A. C. BAND



Michigan Agricultural College Band

F. L. Abel, Director

D. Baumer, Chief Musician C. G. Callard, Principal Musician C. W. Andrews, Student Manager H. Dorr, Jr., Business Manager and Librarian

Cornets

R. U. Bryant F. S. Jacobs E. E. Carpp X. B. Shaffer

C. H. Osgood M. R. Fox

C. G. Callard

D. Baumer

W. E. Thomas J. M. Bennett

E. F. Eldridge

E. E. Ungren

L. C. Palmer C. L. Watson N. E. Warner M. Blackman E. Kelley

CLARINETS F. O. Stang

E. L. Overholt

E. W. Carlson

SAXOPHONES

BASSES

DRUMS

H. Dorr, Jr.

J. O. Bevis

S. Johnson

R. Yeatter

I. Sours

C. W. Andrews A. Kilgore F. R. McFarland

R. P. Schneider

A. M. Estes

H. M. Coburn

H. J. Ellis

W. Campbell

W. W. Redfern C. Coleman

ALTOS

C. F. Ramsey

TROMBONES

R. W. Tenney

Oboe

E. F. Way

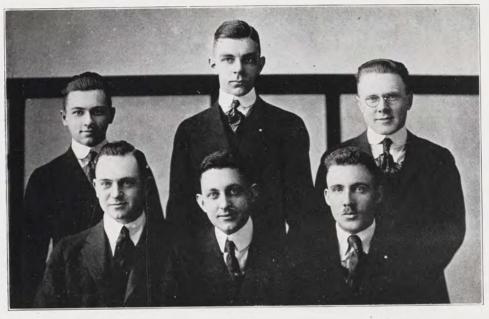
PICCOLO

W. E. Reuling

C. H. Arend

R. L. Gulliver





Winston Wilcox

÷.

Ungren Davis Stephens

Men's Student Council

Our Student Council as elected during the winter of 1917 has been hard hit by various members joining the colors in the course of the year. When school commenced we found ourselves minus one Senior and both Junior members. Appointments were therefore made and an efficient organization handled some difficult situations which arose throughout the course of the year. In the control of school affairs the Student Council has proven itself invaluable.

OFFICERS

President, Frank Davis, '18 Secretary, William Cawood, '18

MEMBERS

F. A. Davis, '18 E. E. Ungren, '19 W. N. Cawood, '18 R. T. Stephens, '19

A. W. Winston, '20 MEMBERS-ELECT

N. L. Reed, '19 I. J. Kelty, '19 B. A. Rainey, '19 H. N. Chapel, '20 S. Johnson, '20 R. E. Bergman, '21





Harris Smith Caswell

Yeiter

Lewis

Kober Johnson

Women's Student Council

A representative organization of the women of the College. Founded because of the growing need for an official organization which will represent the women and help maintain a spirit of co-operation and good will among the girls of our institution.

OFFICERS

President, Arnot Lewis Secretary-Treasurer, Orrena Caswell

ROLL SENIORS

Arnot Lewis Florence Yeiter Mary Johnson Beulah Harris

Orrena Caswell

JUNIORS

Claudice Kober

SOPHOMORE

Yuanita Smith



M. A. C. Union



McBride, Hedrick, McKibbin, Huston, Jensen Campbell, MacNaughton, Johnson



M. A. C. Union

The M. A. C. Union, an all-college organization made up of students, alumni, faculty and friends of M. A. C., has for its object the promotion of the social welfare of the students and the fostering of a wholesome spirit of chivalry and good feeling among its members.

In endeavoring to perform the functions for which it was created, two events stand out in the year's activities. The first of these, the Washington Birthday Banquet, held in honor of Camp Custer M. A. C. men, was the biggest "all-college" social affair held on the campus in years. Nearly seven hundred sat down together in the new gymnasium to a sumptuous dinner prepared and served by the women of the home economics department. Student and faculty committees in charge showed true "Union" spirit in their untiring efforts and the success of the affair was due entirely to their work.

The second outstanding feature of the year is the recent action of the State Board of Agriculture to rebuild and refit Old College Hall as the home for the Union. The plans are completed and have been accepted by the Board and the work has been started.

The popularity of the several Union parties held during the year was attested by the large cosmopolitan crowds attending.

Members of M. A. C. Union Board of Governors

FACULTY MEMBERS

Prof. R. C. Huston

Lois McBride

M. F. Carmody

Prof. W. O. Hedrick

OFFICERS

President, Stanley Johnston Secretary-Treasurer, C. W. McKibbin

> SENIORS Blanche MacNaughton

Iva Jensen

JUNIORS

H. T. Campbell

SOPHOMORE S. Johnston

ALUMNI MEMBER C. W. McKibbin

MEMBERS-ELECT

SENIORS S. W. Miller

Claudice Kober

S. M. Powell

H. T. Campbell

Rebecca Collingwood

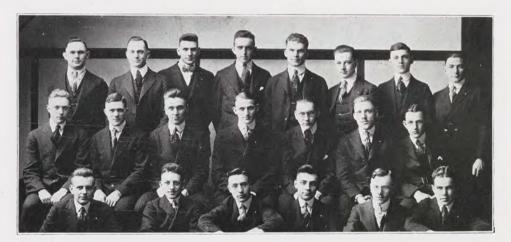
Sophomore

JUNIORS

S. M. Stephenson



Inter-Society Union



DeMond, Wilcox, DeYoung, Carmody, Himebaugh, Keydel, Sass, Miller Mills, Manby, Campbell, Andrews, Wood, Cawood, Huxtable Doyle, Dee, Engles, Reed, Dorr, Frye



Inter-Society Union

During the present year war activities have had more attention than social functions. More work and accomplishments are added each year to the Inter-Society Union which creates the prevailing democratic spirit among the societies.

OFFICERS

President, C. W. Andrews, Union Lit Secretary, Carmody, Olympic Treasurer, Kessler, Hesperian

REPRESENTATIVES IN UNION

ATHENAEUM Jordan Way

AURORIAN Harris Frye

AE-THEON Dorr Campbell

DELPHIC Cawood Mills

Dovle

Musselman

EUNOMIAN

HESPERIAN

Manby Thies

DORIAN

Columbian Keydel

Kessler Callard

Olympic Carmody Engles

ORPHIC House North

Ramsay

HERMIAN DeYoung Reed

Phi Delta Wilcox Montgomery

TRIMOIRA Sass Carrow Eclectic Coulter Archer

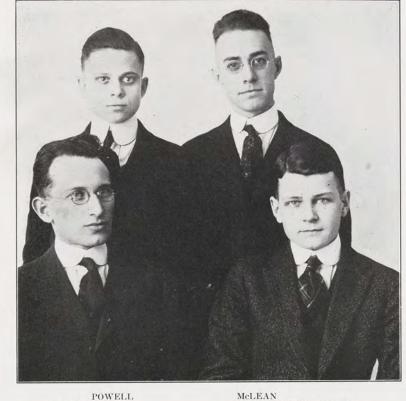
FORENSIC Dee Himebaugh

IONIAN Wood Huxtable

PHYLEAN DeMond Deal

UNION LIT Andrews Miller





POWELL RABINOWITZ

SNYDER (Manager)

Tri-State Debate

East Lansing, March 14, 1918

Question:-Resolved, That the Federal Government should take immediate steps to acquire and operate the coal mines as a permanent policy.

M. A. C. versus IOWA

Chairman, Prof. E. H. Ryder

M. A. C.—Affirmative Stanley M. Powell, '20 Cecil J. McLean, '20 S. Robinowitz, '18 IOWA STATE-NEGATIVE

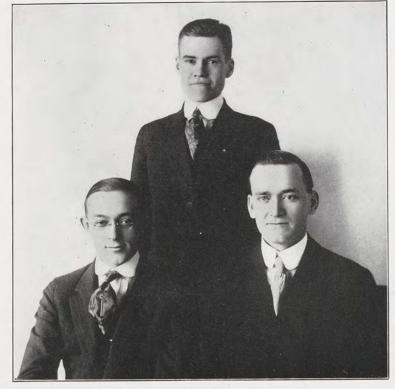
W. C. Lawler Guy Peterson Charles Heezan

JUDGES

President E. M. Crooks, Alma College Rev. J. R. J. Milligan, Pontiac Judge D. W. Kelley, St. Johns

> DECISION Unanimous for the Affirmative





HOWARD FOWLE SIMS

Tri-State Debate

La Fayette, Indiana, March 15, 1918

Question:-Resolved, That the Federal Government should take immediate steps to acquire and operate the coal mines as a permanent policy.

M. A. C. versus PURDUE UNIVERSITY

M. A. C.-Negative

PURDUE-AFFIRMATIVE

Watson E. Fowle, '20 Henry C. Howard, '18 John W. Sims, '19 H. C. Thuerk H. W. Fleisher C. L. Brosseau

JUDGES

Prof. J. M. Phelps, University of Illinois Prof. J. L. Leonard, Wabash College Prof. A. L. Gates, Miami College

DECISION

Two to one for the Negative



Varsity Mandolin and Glee Club



Hatland, Snyder, Overholt, Miller, Fortney, Trumbo, Kelley, Kehm, King Nelson, Rainey, Moody, Webb, Harman, Campbell, Carpp, Sutherland Beal, Bottimer, Lafter, Lancashire, Osgood



M. A. C. Glee and Mandolin Clubs

OFFICERS

Director, Frederick L. Abel Manager, H. T. Campbell Assistant Manager, F. M. Moody President, J. H. Harman Secretary-Treasurer, W. E. Webb

PERSONNEL

FIRST TENORS

H. L. Campbell J. O. Beavis

B. A. Rainey C. M. Hatland

F. M. Moody S. P. Nelson

J. H. Harman M. E. Fortney I. J. Miller

C. H. Osgood

FIRST BASSES

SECOND BASSES

C. Trumbo

E. B. Kelley

SECOND TENORS P. B. Snyder T. N. King W. E. Webb

E. L. Overholt W. B. Sutherland

H. A. Iddles E. E. Carpp

E. P. Kehm S. N. Stevenson

Hatland

Beavis Moody

MANDOLIN CLUB

QUARTET

L. J. Bottimer C. W. Lafler DOLIN CLUD

O. R. Beal

Harman

C. H. Osgood E. R. Lancashire





McIntyre, Bates, Rhodes, Haywood, Ceas, Pratt Wetherbee, Babcock, Cummings, Freyhofer, Deadman, Byrne Kenny, Toms, Seeley, Coverdale, B. Cole, Skoog

Girls' Glee Club

OFFICERS

President, Deborah Cummings Secretary-Treasurer, Gertrude Babcock Accompanist, Mildred Mead Director, Miss Louise Freyhofer

FIRST SOPRANOS

Gertrude Babcock Caroline Boyes Edna Ceas Bertine Cole Oleta Coverdale

Ruth Bates

Eva Byrne

Deborah Cummings Leanore Kenny Mildred Mead Annie Thomson Dorothea Wetherbee

SECOND SOPRANOS

FIRST ALTOS

Lucy Toms

Virginia Haywood Esther Skoog

Gertrude Cole Marian Laidlaw

Hazel Deadman Grace Malpass Marian Seeley Marian Pratt

SECOND ALTOS

Agnes McIntyre Alice Rhodes





Hatland, Overholt, Cummings, Kelly, Iddles G. Cole, Rhodes, Freyhofer, Ceas, Thomson

Chapel Choir

Director, Miss Louise Freyhofer

Sopranos

Annie Thomson

Deborah Cummings

Edna Ceas

TENORS

C. M. Hatland

E. L. Overholt

Grace Malpass

ALTOS

Gertrude Cole

Alice Rhodes

BASSES

H. A. Iddles

E. B. Kelly



Dramatic Club



Keydel, Yull, King, Ryan, Coulter Hunter, Smith, Bouschor, Edmonds, Harrington, Windes



Dramatic Club

The M. A. C. Dramatic Club presented "Kindling the Hearth Fire" at the College Armory. It was a great success, as the moral of the play was of vital interest to the audience; that of making life on the farm more attractive to the younger generation.

Mrs. Field, an overworked	farmer	's wife	-	-	-	-	-	-	Miss Bouschor
Ned, her young son -	-		-	-	-	-	-		S. King
Doris, her daughter -	-		-	-	-			-	Miss Edmunds
Mrs. Stringer, a borrowing					-	-	-	-	Miss Harrington
Mr. Hartwell, a graduate of	of the a	gricultur	e col	lege	-	-	-	-	Mr. Edgar
Mr. Field, a prosperous fa	rmer		-	-	-	-	-	-	Mr. Coulter
Dave Dalton, a neighbor wh	10 owns	his own	farm	- 1	-	-	-	-	Mr. Yull
Ida Johnson, a clerk in a d	epartme	nt store	-	-		-	-	-	Miss Smith
Mrs. Ryan, the manager of	a lodgin	ng house	-	-	-	-	-	-	Miss Windes
Mr. Bond, a man with mon	ey -		-	-	-	-	-	-	Mr. Keydel
Miss Brooks, visiting house	keeper f	or the V	Velfa	re Le	ague	-	-	-	Miss Hunter
Pete, hired man									Mr. Ryan
Olaf, hired man									Mr. Davis

ACT I—The kitchen in the Field home.

ACT II-A room in a cheap lodging house.

ACT III—The living room in the Field home.

DIRECTOR

E. Sylvester King



Wolford, Sass, Ungren, Johnson, Ingersoll Heffley, Snow, Thies, French, Chapman, Osborne Latter, Weidemann, Powell, Holt

Y. M. C. A.

ADVISORY BOARD

President, Prof. W. H. French
Secretary, R. Sherman Clark*, Hugh J. Bartley*, Edgar Osborne
Permanent Treasurer, Prof. E. H. Ryder
Directors, Prof. C. W. Chapman, Prof. O. L. Snow, Wilbur H. Thies,
Clarence H. Hiller*, Stanley E. Johnson*, Theron L. Ingersoll

STUDENT OFFICERS

President, Wilbur H. Thies Vice-President, Einar E. Ungren Secretary, Stanley M. Powell Treasurer, R. Sherman Clark*, Hugh J. Bartley*, Edgar Osborne

DEPARTMENT CHAIRMEN

Deputation Work, Stanley E. Johnson^{*}, Harold M. Johnson Devotional, Clarence H. Hiller^{*}, Harvey M. Sass, Watson E. Fowle Hand Book and Publicity, Einar E. Ungren, Andrew Weidemann Finance, Glen E. Zuver^{*} Membership, Stanley M. Powell Social, Harold A. Furlong^{*}, J. Sanford Holt Social Service, J. Arthur Tobey^{*} Voluntary Study, Melvin B. Wolford War Correspondence, Theron L. Ingersoll Winter Course Work, Frank H. Weyeneth^{*}, Byron F. Latter

*Men in the Service





Grettenberger, Cole, Wagner Stevenson, Patterson Gledhill, Williams, McIntyre

Y. W. C. A.

Organized 1906

ADVISORY MEMBERS

Miss G. L. White Miss Bigelow

Mrs. J. L. Snyder Miss Kellog

OFFICERS 1917-1918

President, Ruth Paterson Vice-President, Caroline Wagner

Secretary, Doris E. Stevenson Treasurer, Marion Grettenberger

COMMITTEE CHAIRMEN

Bible Study, Agnes McIntyre Social, Cleo Gledhill Religious Meetings, Louise Lanstrom Membership, Caroline Wagner Financial, Marion Grettenberger Missionary, Gertrude Cole Social Service, Marjorie Williams Publicity, Doris Stevenson





Whitcomb, Myers, Remage Watkins, Thompson, Wagner, Evans, Joy, Watts Kurtz, Grimm, Berridge, Taylor, Fulton

The Freshmen Commission

This year the Y. W. C. A. organized our first Freshmen Commission, a group of representative girls, one from each ten girls in the Freshman class. Its purpose is four-fold: To learn of the Y. W. C. A., local, national and world-wide; to train for the future leadership; to serve as a medium of access to other general organizations at M. A. C., and to help create truest democracy in the Class of 1921.

OFFICERS

President, Margaret Evans Vice-President, Violet Osborn Secretary-Treasurer, Catherine Watkins Advisor, Caroline Wagner

ROLL

Iva Beach Katharine Berridge Dorothy Curts Margaret Evans Dorothy Fulton Lillian Grimm Margaret Joy Gertrude Myer Violet Osborn Lois Remage Margaret Taylor Florence Thompson Mable Watts Catherine Watkins Helen Whitcomb Pearle McComb





Templeton, Amiotte, Kober, Patterson, Moore, McLachlan, Johnson, Caswell, Cole Rogers, Holliday, Rigterink, Pratt, Harris, Crocker, Yeiter, Lewis Dilts, Stevenson, Burns, Dunphy, McBride, Newbrough, McIntyre, Sutherland

> Sphinx Organized 1916 OFFICERS

FALL TERM

President, Helen Pierce President, Beulah Harris Vice-President, Beulah Harris Secretary, Fanny Rogers Treasurer, Mary Johnson Corresponding Secy., Vera F. Cavanaugh Corresponding Secy., Mary Crocker

Vice-President, Vera Foster Cavanaugh Secretary, Martha S. Pratt Treasurer, Zeneda Amiotte

WINTER TERM

MEMBERS

Louise Clemens **Gladys** Gruner Iva Jensen Arnot Lewis Julia Rigterink Mary Warner Fanny Rogers Katherine Burns Claudice Kober Irma Moore Marion Templeton Mabel McLachlan Ordelia Southard Ruth Paterson Gertrude Newbrough Mildred Mead **Gladys** Harker Frances Hawkins

Vera Cavanaugh Beulah Harris Mary Johnson Marion Pratt Doris Stevenson Florence Yeiter Margaret Holliday Lois McBride Audrey Dunphy Hazel Sutherland Madge Dilts Gertrude Cole Agnes McIntyre Martha Pratt Zeneda Amiotte Lorinda Zimmerman Mary Crocker Orrena Caswell

Helen Pierce



League of the Silver Cross



Pratt, Williams, Mahrle, Cole, Cargo, Keck, Ray Schurr, Granger, Mattoon, Howard, McCune, Wagner Gledhill, Dunlap, Kidd, Ceas, Thomson, Andrews



League of the Silver Cross

Organized 1915

HONORARY MEMBER Mrs. C. C. Wood

OFFICERS

FALL TERM

President, Marion Pratt Vice-President, Amanda Harms Secretary, Thelma King WINTER TERM President, Rella Howard

Vice-President, Mildred Mattoon Secretary, Maude Stafford

SENIORS

Ruth Cargo Iva Granger Amanda Harms Agnes McIntyre

Gertrude Cole Irene Benjamin Dorothy Kahles

Helen Allen Virginia Flory Gertrude Fischer Rella Howard Gertrude Tappan Annie Thompson Esther Skoog

Sylvia Wixon Elizabeth Boyes Alta Richardson

Edith Caffin

Alice McCartney Marion Grettenberger Mary Ray Cleo Gledhill Caroline Wagner Marion Pratt Blanche Smith

JUNIORS

Maybelle Higgins Helen Mahrle Ruth Musselman Louise Lanstrom

Sophomores

Thelma King Rosselyn Rice Maud Stafford Edna Ceas Ethyl Frays Luella Schroen

FRESHMEN

Alice Landon Violet Rose Esther Rehkoff

SPECIALS

Julia Hemlick Frances Spenser Frances Overheiser Ruth Walker Edna Kidd

Bertha Keck Rhea East Irene Wightman Florine Folks Mildred Mattoon Isabelle Thorne Mary Williams

Harriett Betts Eva Schurr Mable Corey

Alice Rhodes



Students' Citizenship League



Colthorp, Estes, Sutherland, Trippensee, Watson, Tyson, Gorsline, Overholt, Kurtz, McCaughan, W. F. Allen, Sass, Spencer Perrine, Townsend, Weidemann, Howard, Cudaback, Gettel, Cargo, Wolford, Bottimer, Thies, Heffley, Smith Manby, Tenny, Wass, Brooks, Mrs. Wood, Ungren, Vaughn, Rothrock, Knight, Draper Powell, F. C. Allen, Shedd, Rood, Carpp, Roland



Students' Citizenship League

The Students' Citizenship League seeks to develop the mental, social and spiritual activities of its members through live Christian fellowship. To this end the League holds weekly literary and social meetings and conducts an open forum Bible class at the Peoples' church. Every man at M. A. C. is privileged to attend these meetings with the League men.

HONORARY MEMBERS

Rev. N. A. McCune

D. C. Heffley OFFICERS

FALL TERM President, J. M. Kuder Vice-President, M. B. Wolford Secretary, S. S. Rothrock Treasurer, H. M. Vaughn

H. C. Howard H. M. Sass

F. W. Trull E. F. Webb L. J. Rothgery C. L. Clemow J. M. Kuder W. H. Thies R. W. Tenny W. J. Kurtz

V. E. Ward B. W. McKinley E. W. Carlson G. F. Davis E. L. Overholt S. S. Rothrock W. H. Cudaback M. C. Townsend R. W. Trippensee

T. L. Blair, Jr. M. C. Draper H. J. Kyrtz C. H. Arend G. E. Culver J. S. Cutler C. M. Horn S. P. Nelson C. W. Swank K. A. Weston

SENIORS H. G. Bartley C. L. Margeson JUNIORS E. E. Ungren R. D. Perrine L. E. Cottle A. G. Widemann R. H. Gorsline F. C. Allen H. M. Vaughn E. Osborne K. H. Roland SOPHOMORES B. J. Brooks X. B. Shaffer R. E. Yeatter M. B. Wolford L. A. Spenser C. H. Currie B. T. Knight W. B. Sutherland S. J. Marsden FRESHMEN W. Cargo W. J. Smith J. Tyson B. B. Burns H. P. Conrad H. A. Fellows E. E. Hedges P. M. Neale

WINTER TERM President, E. E. Ungren Vice-President, B. J. Brooks Secretary, H. R. Swing

Mrs. C. C. Wood

Treasurer, H. M. Vaughn

H. M. Wass A. M. Estes M. E. Hath W. Campbell E. D. Younker L. C. House W. F. Allen C. M. Hatland

F. W. Manby

L. E. Buell

W. H. Sturm W. F. Case L. D. Kurtz E. E. Carpp C. A. Rood L. J. Bottime E. S. McCaughn S. M. Powell R. W. Noddins L. Shedd A. Gettel C. E. Watson R. S. Boonstra F. C. Colthorp J. H. Gardner F. L. Hendrick

R. F. Jessop

- H. R. Swing
- V. O. York

281

T. B. Poole

M. R. Waite





1918 HORT SHOW



The Hort Club

Organized 1902

The Hort Club was organized to promote a more fraternal feeling between the students and the faculty of the Horticultural Department. Meetings are held every Wednesday in the Hort lecture room. Outside speakers, who are interested in the various branches of horticulture, are secured to address the students. From these meetings the student obtains an insight into the practical phases of horticulture.

Each year the Hort Club members are invited to attend the meeting and exhibit of the State Horticultural Society. At the meeting held during the first week in December, 1917, the fruit judging and identification contest was won by Atwater, first; Smith, second, and Bennett, third. The honors in the speaking contest were received by Blades, Hoffmaster and Anderson.

On January 25 and 26, Manager F. A. Davis, assisted by the members of the Hort Club, conducted the most successful Hort Show ever given by the College.

HORT CLUB OFFICERS 1917-1918

FALL TERM

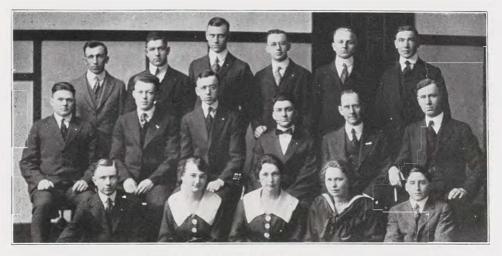
President, W. M. Coulter Vice-President, J. F. Kotilla Secretary, W. A. Chapman Treasurer, M. F. Carmody Reporter, R. S. Simmons Alumni Reporter, D. R. Bennett WINTER TERM

President, J. E. Kotilla Vice-President, J. F. Ryan Secretary, F. J. Hughes Treasurer, E. F. Armstrong Reporter, H. Buttolph Alumni Reporter, P. J. Hoffmaster

Spring Term

President, J. H. Harman Vice-President, E. J. Armstrong Secretary, F. J. Hughes Treasurer, J. F. Ryan Reporter, R. B. Huxtable Alumni Reporter, R. A. Mosher





Culver, Leach, Wolf, Hock, Trippensee, Van Gulliver, Hatland, Malasky, Weidemann, Faunce, Chapman Grambau, Helmuch, Huston, Harms, Colthorp

Ferris Institute Club

HONORARY MEMBERS

Prof. C. W. Chapman B. A. Faunce Miss Elida Yakely J. Schepers

Helmuch

RESIDENT MEMBERS

R. C. Huston

OFFICERS

President, A. G. Weidemann Vice-President, Amanda H. Harris Secretary, R. E. Trippensee Treasurer, R. S. Gulliver

SENIOR

Amanda H. Harris

JUNIORS

C. M. Hatland

K. C. Inselman Sophomores

DCO

S. E. Wolff T. L. Leach E. J. Grambau

A. G. Weidemann

W. S. Rider

F. C. Colthrop F. W. Marrs S. C. Vandecaveye Alice A. Ewing R. S. Gulliver E. A. Malasky

- R. E. Trippensee
- E. C. Hach

FRESHMEN

R. W. Comstock

- G. E. Culver
- H. G. Putnam
- R. S. Boonstra



Alder, Wiggins, Proctor, Wible, Waters, Bock, Downer, Gates, White Reid, Currie, Sass, Hartman, Froelich, Stang, Way, Denning Noddins, Kling, Carlson, Shenefield, Fox, Osborne, Howell

Engineering Societies

The Engineering Society as heretofore constituted is no more. In its place has evolved a combination of student branches of National Engineering Societies, two of which are already in operation and more in the process of organization. It is expected that the facilities afforded by connection with the national organizations will result in bringing the latest achievements of present day engineering to the attention of the student and make his college course a more vital thing to him. The following are the officers and charter members of the first two branches organized:

AMERICAN SOCIETY OF MECHANICAL ENGINEERS (A. S. M. E.)

President, H. L. Froelich Vice-President, W. G. Retzlaff		Secretary, H. M. Sass Treasurer, F. O. Stang					
	ME	MBERS	U.S.				
H. L. Froelich P. H. Gates W. Hartman	E. Osborne F. O. Stang	E. M. Waters S. F. Wellman	H. M. Sass W. G. Retzlaff A. E. Downer				
AMERICAN IN	STITUTE OF ELL	ECTRICAL ENGINE	EDC (A I E E				

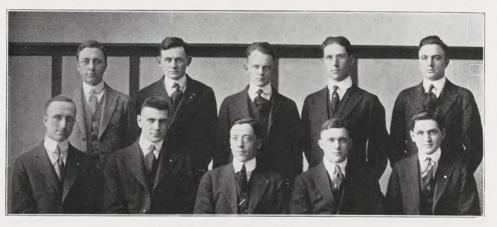
JINEERS (A. I. E. E.)

President, R. G. Shenefield Secretary-Treasurer, W. A. Seifert

MEMBERS SENIOPS

	DEN	IORS	
W. R. Collinson	T. C. Dee	L. S. Plee	E. E. Sayre
	Jun	IORS	
H. G. Carrow	R. A. Shenefield	W. A. Seifert	C. C. White
E. L. Karkau	Sophe	MORES	W. E. Thomas
A. P. Bock	J. B. Golden	R. B. Kling	R. W. Noddins





Roland, Chisholm, Strang, Fogle, Wolford Broughton, DeYoung, Hunter, Manby, Diehm

Farmers' Club

OFFICERS

FALL TERM

WINTER TERM

President, W. DeYoung Vice-President, T. V. Broughton Secretary, R. A. Hunter Treasurer, O. P. North President, R. A. Hunter Vice-President, O. P. North Secretary, O. A. Dichm Treasurer, W. F. Manby

SPRING TERM

President, J. A. Chisholm Vice-President, O. A. Diehm Secretary, E. E. Carpp Treasurer, P. F. Bailey





Baxter, Hallman, LaBar, Giltner, Benner, Mater, Chamberlain, Bailey, Trubey, Robbins, Hanson, Redfern, Thomas, G. Tenney, Smith Krueger, Marks, Lamoreaux, Lyman, Dunn, Beaver, Flower, Woiner, Gregory, Bergman

Gladowski, Kochman, Bandeen, Hinkle, Welsh, Michaelson, Garobegian, N. Tenney

Veterinary Medical Association

HONORARY AND FACULTY MEMBERS

Dean R. P. Lyman Dr. Hallman

Dr. Chamberlain Dr. Johnson Dr. Giltner

Dr. Benner Dr. Hutton

OFFICERS

SENIORS

JUNIORS Alex. R. Dunn

Stanley Colby

Earle Baxter

Lvnn Palmer Wm. Erbach

Wayne Palm

George Thomas

Earle Shiffield

Chauncey LaBar

Gerard Dickman FRESHMEN

SOPHOMORES

Geo. Trubey

FALL TERM President, Orville Mater Vice-President, A. R. Dunn Secretary, M. Blackman Treasurer, L. K. Flower

Donald C. Beaver Edwin Smith Orville Mater Don Lamoreaux John W. Randall Leon Kochman

Stanley G. Bandeen Norman Tenney Gerald Tenney Bernard Robbins L. K. Flower

Ernest Redfern Louis Pless

Roy Bergman Henry Gregory

WINTER TERM President, H. E. Wright Vice-President, A. R. Dunn Secretary, Stanley G. Bandeen Treasurer, Chauncey LaBar

> David Marks Joseph Woinar Harold E. Wright

Keith Krueger Ross Hinkle Karl Hanson James Corbet Malvin Blackman

Don Coburn Phillip Bailey

James Morrise B. M. Mecharlson





Jones, McKinney, Sims, Jamieson, Atwater Robbins, Jones, Scott, Robbins, Brown Atwater, Sims, Brown, McKinney

Married Students' Association Organized in 1913-1914

HONORARY MEMBERS

Mr.	and	Mrs.	W. J. Cook
Mr.	and	Mrs.	H. H. Fuller
Mr.	and	Mrs.	W. D. Powell
Mr.	and	Mrs.	I. B. McMurtry
			M. A. Leach
Mr.	and	Mrs.	P. J. Rood
Mr.	and	Mrs.	A Teske
Mr.	and	Mrs.	Van Warmer
Mr.	and	Mrs.	L. R. Walker
Mr.	C. (. Mil	ler

т

	Mr. and	Mrs.	H. V. Kittle
er	Mr. and	Mrs.	R. G. Saxton
-11	Mr. and	Mrs.	G. W. Beckwith
irtry	Mr. and	Mrs.	R. G. Voorhorst
h	Mr. and	Mrs.	O. E. Harrington
	Mr. and	Mrs.	C. A. Smith
	Mr. and	Mrs.	F. C. Sharrow
er	Mr. and	Mrs.	A. Maloney
er			Blodgett
			Jesse Stutsma
Mr. C. M.			

PRESENT MEMBERS

]	Mr.	and	Mrs.	H. H. McKinney
3	Mr.	and	Mrs.	H. A. Lyon
1	Mr.	and	Mrs.	F. F. Curtis
1	Mr.	and	Mrs.	J. W. Randall
3	Mr.	and	Mrs.	P. C. Jamieson
				W. F. Jones
	Mr.	and	Mrs.	H. E. Wright

Mr.	and	Mrs.	С.	E.	Atwater
Mr.	and	Mrs.	Α.	С.	Brown
Mr.	and	Mrs.	J.	W.	Sims
Mr.	and	Mrs.	F.	R.	Heath
Mr.	and	Mrs.	Β.	D.	Robbins
Mr.	and	Mrs.	В.	F.	Kindig
		V. Se			

FALL TERM

WINTER TERM

OFFICERS

President, H. H. McKinney Vice-President, Mrs. C. A. Brown President, C. E. Atwater Vice-President, Mrs. C. A. Brown Vice-President, Mrs. H. H. McKinney Secretary-Treasurer, Mrs. C. E. Atwater Secretary-Treasurer, Mrs. B. D. Robbins



Forestry Club

OFFICERS

FALL TERM

Chief Forester, N. A. Kessler Assistant Forester, R. I. Thompson Keeper of Records, B. Bergstrom Ranger, I. V. Anderson

WINTER TERM

Chief Forester, H. Dorr, Jr. Assistant Forester, J. M. Bennett Keeper of Records, I. V. Anderson Ranger, C. F. Martin

SENIORS

H. Dorr, Jr.

H. C. Diehl N. A. Kessler

JUNIORS

J. M. Bennett

W. E. Webb

R. I. Thompson

SOPHOMORES

I. V. Anderson	W. A. Engstrom	W. F. Jones
O. A. Alderman	H. R. Saxton	R. P. Malonev
B. H. Bentley	C. L. Frandenfield	F. H. Struble

FRESHMEN

H. E. FrankC. F. MartinW. R. ShoemakerL. G. FritzC. F. StoneS. T. Wyatt

The M. A. C. Forester

The forestry annual, which has been published each year by the M. A. C. Foresters, will from now on be known as the M. A. C. Forester. This is a publication of about sixty or seventy pages devoted to the profession of forestry, and is published annually.

OFFICERS 1917-1918

Editor-in-Chief, H. Dorr, Jr., '18 F. Associate Editor, J. M. Bennett, '19 F. Business Manager, R. I. Thompson, '18 F. Associate Business Manager, I. V. Anderson, '20 F.



Kimble, Overmeyer, Rothrock, Fortney, Barnes, Phillips, Macgregor Cole, Gledhill, Wilson, Fisher, Tappan, Young, Fischer D. Musselman, F. Musselman, Gardner, Wolford

Buckeye Club

Organized at M. A. C., 1916

The Buckeye State Club was organized by the students and faculty members of M. A. C. who have made their homes in Ohio. The club aims to promote a closer friendship among the Buckeyes and it has done a great deal in extending due patriotism and credit to the state for the many things it has done for all to make a greater M. A. C.

HONORARY MEMBERS Miss Mabel Leffler Pro

Prof. H. H. Musselman

Secretary, Marie Burns

FACULTY MEMBERS Mi OFFICERS

Miss Grace Smiley

President, H. L. Fisher Vice-President, Caroline Wagner

Mr. P. L. Miller

Cleo Gledhill H. L. Fisher

Olive Cole Helen Edmonds

A. H. Bauer Nelson Carr M. E. Fortney

Mahlon Barnes Elizabeth Burns John Gardner SENIORS P. L. Kimble C. J. Overmeyer C. M. Reed JUNIORS Claudice Kober

John M. Kuder Sophomores

Gertrude Fischer C. Lichtenwalter Dee Maier S. S. Rothrock

FRESHMEN Emerson Jones Carol Macgregor Dale Musselman Treasurer, Mahlon Barnes

Caroline Wagner Eileen Wilson

F. Musselman Ruth Musselman

Gertrude Tappan Melvin Wolford Ada Young

Russell Phillips Lois Remage Herbert Swing





Dorr, Stenholm, Hatland, Lindquist, Joost, Major Palmer, Emmons, Carlson, Perkins, Evans, Calrow Grush; Bennett, O'Brien, Windes, Iledan

Illinois Club

Organized 1914

OFFICERS

President, E. F. Perkins Vice-President, Miss I. O'Brien

Secretary-Treasurer, H. Dorr, Jr. Reporter, R. H. Major

Prof. C. E. Millar

Prof. C. E. Millar

L. Calrow

R. H. Major

R. J. Hille

HONORARY MEMBERS

Prof. L. C. Emmons Mrs. L. C. Emmons

RESIDENT MEMBERS

Prof. L. C. Emmons

Mrs. L. C. Emmons

SENIORS

Miss B. E. Harris H. Dorr, Jr.

H. Joost

JUNIORS

SOPHOMORES

C. M. Hatland E. F. Perkins

F. R. Grush S. Iledan

T. G. Lindquist W. A. Engstrom

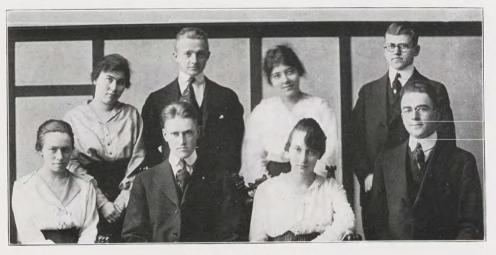
Miss C. Windes

F. Stenholm FRESHMEN

Miss I. O'Brien Miss M. Evans

Miss M. Bennett L. C. Palmer





Gilbert, Osgood, Howard, Judson McIntyre, Frazier, Illenden, Allen

Lenawee County Club

Organized 1917

OFFICERS

President, Jessie Illenden Vice-President, E. L. Powers Secretary-Treasurer, C. H. Osgood

HONORARY MEMBER

J. A. Waldron

JUNIORS

W. F. Allen Katherine Burns Jessie Illenden Agnes McIntyre

Sophomores

Rella Howard

L. Judson

Vera Gilbert

Kenneth Frazier Harold Halladay C. H. Osgood A. W. Seeburger

FRESHMEN

Helen Darling

E. L. Powers



Liberal Arts Entertainments

During the course of the year a series of lectures were presented at the Armory under the auspices of the Liberal Arts Council.

The State Board of Agriculture in 1912 authorized the appointment of this Council, which was to consist of three members of the faculty and two members of the student body. It is the work of the Council to plan and conduct a lecture course which will appeal to students, combining instruction and entertainment.

During the year just past we have enjoyed lectures given by people who have accomplished things in various fields. The speakers and subjects touched upon were:

> October 27, 1917-Dr. B. R. Baumgard of Los Angeles, on "The Romance of Human Progress."

> November 27, 1917—Ross Crane of the Chicago Art Institute, "Art Exhibit and Interpretations."

March 12, 1918-Kate Barnard on "Women and Destiny."

April 8, 1918-Prof. John Masefield, "Tales of the Sea."

Prof. Halligan

COUNCIL MEMBERS

Prof. W. H. French Mildred Mead Prof. W. W. Johnston Harvey Sass



Kuder, Hatland, Downer, Osborne, Hinkle, Welsh, Weidemann, Dell, Sass Wolford, Carpp, Gleason, Dee, Beaver, LaBar, Powers, Saxton, Walker Alder, Hanson, DeYoung, Ungren, Bailey, Howard, Martin Hunter

The Lords of Wells

ad astra per aspera

PROCLAMATION

Whereas, we, the residents of Ward F, having been duly petitioned by our friends in Morrill Hall, Howard Terrace, College Cottage, The Residence, Brown's, and Dietrich's to sit for a photograph, and thus leave behind us some definite remembrance of our most illustrious reign, we have hearkened to the request. Below is the only group picture ever published of the aristocrats of the Campus in the year 1917-1918, habitat, Ward F. Also, we wish to express our appreciation of the kindness and thoughtfulness of our subjects in Wards A, B, C, D, and E in gathering and editing all the matter herein set forth. May Ward F continue to guide the thought and destinies of the Campus for all time to come. Signed, WARD F. THOMAS CHRISTOPHER DEE, Rex. ANDREW GEORGE WEIDEMANN, Prime Minister. "CHIEF" FRANK DOWD DONALDSON, Matron.

WARD F STATISTICS

Compiled by "Bill" Thies, Ward E. Sworn and Subscribed to by E. B. S. Hint, Ward C Number of men in Ward F-26

SOCIAL REGISTER

Coop calls by F men, Winter Term only 781 Coop invitations to Sunday dinner accepted by F men, Winter Term only..... 73 Same turned down by F men in past four years . 0 Standing of F at Coop.....1000

F men married since Fall Term, 1917..... 2 Number of F men engaged since Fall Term,

- Number of F men not engaged but available and very desirable 17

(H. E. L. Froelich-Ward A-agent.)

Cadit Quaestio

WHO'S WHO IN WELLS Number of student editors in College...... Number of student editors in F this year... Number of assistant editors in F... Number of Juniors admitted to honorary fraternities, Fall Term, 1917..... Number of said Juniors residents of F.... Number of honorary fraternity men in F.... Varsity debaters in F....

BOOKS BY F MEN

(R. S. Simmons, Agent) Introduction to Co-Ed Rules, by A. G. Weide-ann. Third Edition, 1918. Completely Revised of Eplaymed mann. Third Editon, 1918. Completely Revised and Enlarged.
Wisdom and the Veterinary, by Dr. LaBar, Wisdom team (3).
Why Did I Leave the Coop? by M. B. Wolford. Why 1 Stopped Fussing, by John Kuder.







Cap Night

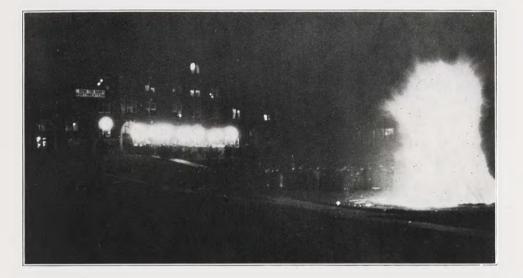
The event of Cap Night, that evening for which the Freshmen long from the beginning of the spring term, took place on March 31, 1917. Due to the shortening of the 1917 spring term the ceremony was enacted much earlier in the season than in former years.

Led by the Alumni, who were visiting for the commencement week program, the long parade started from Williams Hall, went around in front of the Woman's Building and down to Sleepy Hollow. The Seniors followed the Alumni marchers, then came the Juniors, the Sophomores, and last of all the hilarious Freshmen in their "evening" attire. All carried large sparklers and the line of march was lit by numerous blue, green and red lights. The whole scene was one not easily forgotten by either participant or spectator.

Arrived at the big bonfire, the band started to liven things up, fireworks were set off, and the speakers were introduced. W. E. Willman was master of ceremonies and presented President Kenyon Butterfield of the Massachusetts Agricultural College, who had an interesting and snappy talk. The outgoing Senior president, N. O. Weill, then presented the class banner to President Retzlaff of the '18 class; the Freshmen threw their cherished caps into the flames, while the Seniors burned their old textbooks.

Thus another year at M. A. C. was brought to a close and many of the lower class men as well as Seniors, realized that our four years as Aggies are all too short.





The Barbecue

Although somewhat late in the season, the Class of 1920 upheld the College custom of giving an annual barbecue in honor of the Freshmen class.

November 3 was the date, and early morning found the Sophomore "gang leaders" hard at work. Their part of the work consisted mainly of rounding up the greater part of the Freshmen class and setting them to work, hauling wood, building the pile, or digging post holes. Many classes were thus sadly depleted, but where is there a Sophomore who would attend all his classes on the day of the barbecue?

As on previous occasions, the affair was held between Wells Hall and the Chemistry Building. The platform in front of the latter building held the band, and from there the speakers of the evening addressed the throng.

F. W. Moody acting as master of ceremonies, assisted by Cheer Leader "Tommy" Dee, introduced to us the following speakers: "Jimmie" Hasselman of the English Department, Coach Chester Brewer, Captain Coryell.

Mr. B. Redner, as president of the Soph Class, then delivered his peace talk and presented the huge barbecue knife to Bateman, president of the Freshmen.

Even though the evening was a cool one, enough "pep" was presented to keep everyone well warmed up, and as soon as the ceremonies were over the crowd lined up and procured their doughnuts and cider from the "commissary department." Many barrels of cider and great tins of doughnuts were consumed. The only thing missing was the roast ox, but since Mr. Hoover would have commended the saving in meat, there were no regrets.



The 1918 Junior Prom

On February 21, 1918, the Junior Class held its celebrated J Hop, and in doing so, used for the first time our splendid new gymnasium, to which we had been looking forward for years. As the proms in former years have always been held in Lansing, this year's was really the first strictly M. A. C. function of its kind.

The decorations, both in the gym and in the dining hall of the Women's Building, where the banquet was served, were very effective. Huge American flags and our own proud service flag, were the outstanding notes in the decorative scheme, while the whole dance floor was surmounted by a canopy of twisted blue and white streamers and large chandeliers.

At 6:30 P. M. the banquet was served, and after listening to several excellent toasts, the guests adjourned to the gymnasium. Here the grand march took place, led by President Jack Engels and his guest, Miss Florence Ristell of Calumet. The dancers then reveled to the tunes of Shook's Detroit Orchestra until 3 A. M., when everyone left for home, tired out but in the best of spirits.

The Hop, although handicapped by war conditions, was nevertheless voted a great success, and much credit is due the committees in charge. The chairmen of the respective committees follow:

Finance, E. R. Benkert Banquet, Gertrude Newbrough Music, H. B. Keydel Favors, R. F. Montgomery Programs, R. C. Mosher Toasts, C. H. Mitchell Printing, P. C. Yull Decorating, H. T. Campbell Eligibility, J. L. Snyder



Commencement of 1917

Last year was the first in the history of the College that commencement activities began before the first of June. In order to help improve the acute farm labor situation due to our entrance in the war, College was closed on June 1st.

Similar to last year's custom, commencement week exercises were carried on before class work was completed by under class men. This plan proved very satisfactory and has caused greater interest in these exercises among undergraduates.

Events of Commencement Week, 1917

FRIDAY, MAY 25

6:30 P. M.	Band Concert	-	-	-	-	-	-	Campus
	M. A. C. M	lilitar	ry Bai	nd				
7:30 P. M.	Athletic Night	-	-	-	-	-	-	Campus
	SUNDAY	, MA	y 27					
3:00 P. M.	Baccalaureate Sermon	2	-	4	-	-	-	Armory
	Bishop Theo	dore .	Hende	erson				

Armory

THURSDAY, MAY 31

M. A. C. Military Band

- -

Sacred Concert

6:30 P. M.

7:30 P. M.	Cap Night Program	-	-	-	-	-	Slee	py Hollow
9:00 P. M.	Informal Reception and	d Party		-	-	-	-	Armory

FRIDAY, JUNE 1

10:00 A. M.	Commencement Exercises	-	-	-	-	-		
Dr. Samuel	M. Crothers, Pastor of First U	nitar	ian	Church	h, Ca	mbrid	ge, Mass.	
12:30 P. M.				-			Wells Hall	
2:30 P. M.	Dedication of New Buildings		-	-	-	-	- Campus	
8:00 P. M.	Society Reunions							

2 10 NOLVERINE 18

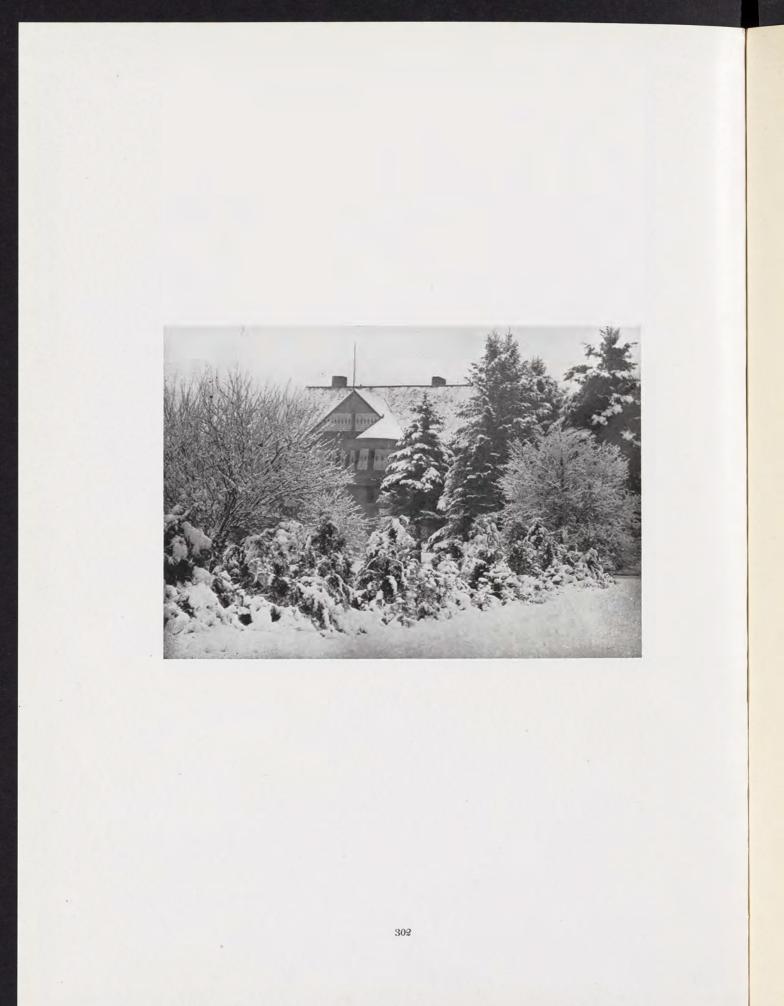
Poster Night

Instead of a single Poster Night as has usually been the custom, our fair campus was the scene of a double dose of this form of inter-class rivalry in the fall of 1917. This year, however, conditions were somewhat reversed.

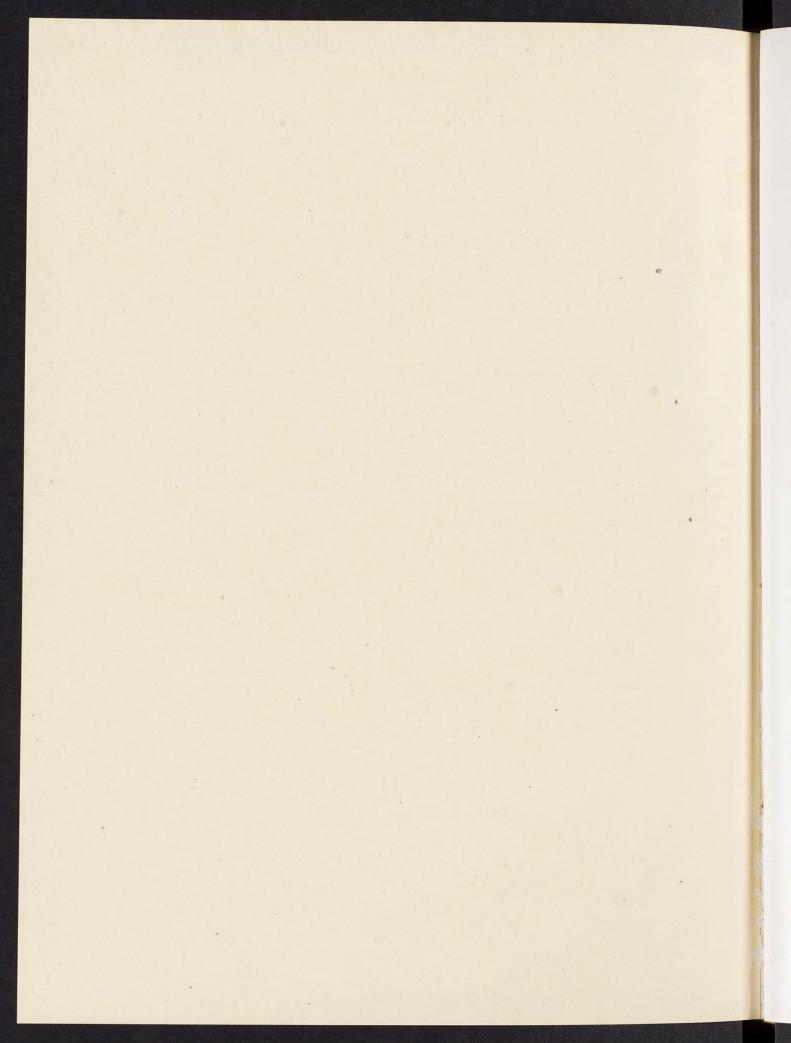
On the third Thursday night of the fall term the Sophomores decided to put up their posters, and in fact did put up a few on various buildings about the campus. The only trouble was that the Freshmen had been instructed to lay low, and consequently no opposition was offered the '20 men. In the meantime the "Fresh" had secured posters of their own, and led by fifteen or twenty Juniors, sallied forth on Friday night, or rather Saturday at 2 A. M.

They were well equipped for the fray with pails of paste, brushes and ladders. After covering the outlying buildings they started on Williams and Abbott Halls. At the latter Sophomore rendezvous the real excitement of the night took place, but the Freshmen were equal to their self-imposed task and some thirty-odd "Sophs" are said to have felt the refreshing waters of the Red Cedar.

After keeping up their posters until about 4:30 A. M. the Freshmen made their big mistake in going home. Although presumably beaten, the Sophomores now came forth and managed to obliterate most of the '21 posters before the breakfast bell rang.



GRINDSEADS





The Harvey Photo Shop

The largest assortment of photographic stock in this part of the state.

> Our amateur finishing department is one of the best. Send your work to us when out of the city.

Framing of all kinds is one of the things we take pride in.

The Elmac Studio will make your portrait and they satisfy.

Harvey Photo Shop E. M. Harvey '15 East Lansing, Mich.

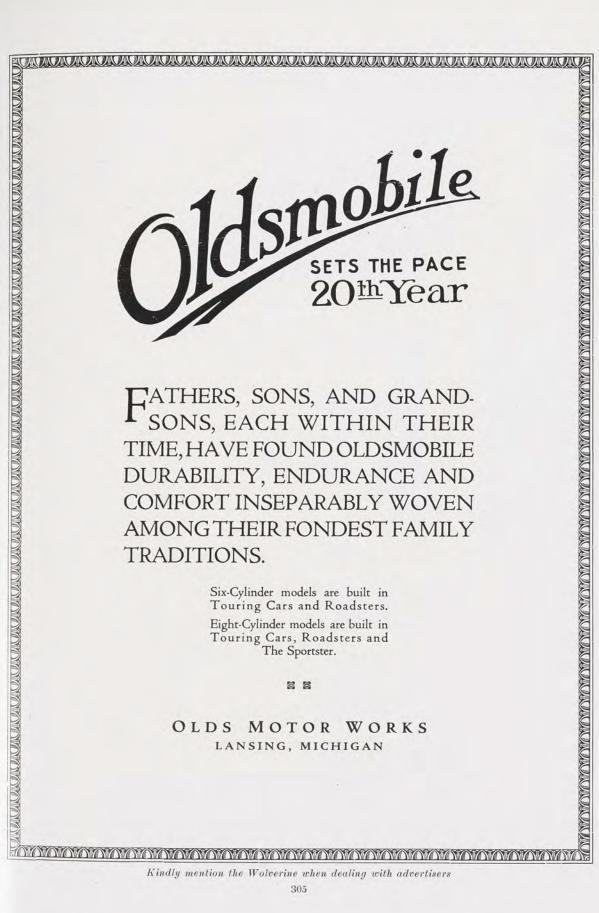
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The Camp Custer Laundry

How dear to my heart are its Camp Custer Mem'ries Those hallowed reminders of scenes long ago, The bull pens, alive with the incoming rookies, The stiffling dust cloud that maddened us so. I seem to recall that we cursed the wool blankets, And grumbled while searching for beans in the soup; Yet glad was our lot; though we did not suspect it-We knew not the Laundry that was down by the Loop The gigantic Laundry, the titanic Laundry, The great model Laundry that was down by the Loop.

It seemed to us there we were drilled to a frazzle; It seemed that a rookie had very few friends; It seemed like an age from each pass to the next one; An age that began where eternity ends. The Autumn wore on and at last came Thanksgiving, The spirits revived that were starting to droop; December was here and the blow had not fallen. We laughed, for we knew not the Thing at the Loop. The harmless new Laundry, the unfinished Laundry, The impotent Laundry was safe at the Loop. A week before Christmas a rumor was current Of blessings galore that the Powers had prepared, Our clothes would be worked to immaculate cleanness, Our socks will be darned, and our breeches repaired. The Powers had planned for the soldiers' convenience, (We marveled indeed that the Powers should so stoop) A grand cleaning house for the Camp Custer washing We heard they were building it down by the Loop A government Laundry, the soldiers' own Laundry, A giant steam Laundry, way down by the Loop. The Laundry was finished and open for business The week after Xmas, as I recollect, The truck came around, but collections were scanty Because there were very few duds to collect. Until one fine morning the bugles blew "pay-call" And everyone welcomed the sound with a whoop, But, alas, each one found himself fourteen bits poorer Because of the rumor concerning the Loop, Because of the Laundry, the new U. S. Laundry In business, they told us, way down by the Loop. Divisional order compelled acquiescence, We trusted our clothes to the Laundry at last And when, three weeks later, the truck made delivery, Our direst forebodings were richly surpassed. Had Sammy sent socks, they were four sizes smaller; No underwear came, and he died with the croup. He squeezed his poor fists through his shirt's tiny armholes And cordially cursed everything at the Loop, But mostly the Laundry, the shirt shrinking Laundry, The sock-shrinking Laundry way down by the Loop. And now far removed from Camp Custer's environs My mem'ry reverts as one's memory will To the troubles and joys that we knew in the service; I think of the good and I think of the ill, I think of the fun at the Castle club smoker, But when I am listing the opposite group I head the whole list with the name of the Laundry The miserable Laundry that stood by the Loop The soul trying Laundry, the slow service Laundry The government Laundry that stood by the Loop. R. S. CLARK, '18

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Kindly mention the Wolverine when dealing with advertisers

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Florsheim

Ralston

Shoes and Furnishings For Those Who Care

The . . Fashion Shop

East Lansing

Emery Shirts

Stetson Hats

The Michigan Agricultural College ASSOCIATION

is made up of the livest of alumni and former students of M. A. C.

Our Purpose

is the banding together of M. A. C. men and women for

Service to Alma Mater

We publish the M. A. C. Record, a weekly paper that aims to keep M. A. C. people in touch with themselves and with college. We seek to organize the whole family of College folks into backers and boosters of M. A. C.

"The college cannot live on her past — what will you do for her future?" Are you with us? Membership in the Association is open to anyone with 20 credits (one term's completed work). The annual dues (that help the good work 'carry on') are \$2.00 which includes subscription to the M. A. C. Record.

COLLEGE BOOKS and SUPPLIES



M. A. C. BOOK BUYING ASSOCIATION



When the War Closes —What Then?

• Will you be ready to take your place and do your part in the re-construction work which must be done at the close of this great conflict? The demand for men and women trained along practical lines will be far greater than the supply. We here all believe in preparedness. If you do, then enter the

MICHIGAN AGRICULTURAL COLLEGE

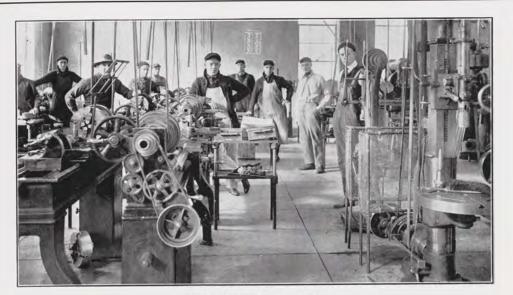
next fall and thus take the first step toward preparing for your future work.

You will find here splendid facilities and equipment for training along just the lines of work which now is, and will continue to be, most essential— Agriculture, Engineering, Home Economics, Forestry, and Veterinary Medicine. It is necessary that we have men and many of them in the thick of the fight, but our efficiency in the great war, as well as our standing as a nation after it is over, will depend on the way our affairs are handled by the men and women at home.



Studying the Cream Separator - M. A. C. Dairy

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Interior Machine Shop - M. A. C.

Teachers of Agriculture and Home Economics

Under a recent act of Congress, government money is available for the support of teachers of agriculture and home economics in the high schools of the state. Only persons who are graduates of certain colleges, of which M. A. C. is one, giving four years of work in either agriculture or home economics, are eligible for employment as teachers under this act, hence the advisability of entering at once upon this work if you are interested in teaching.

College year opens October 7, 1918. Summer Session of six weeks beginning June 24 Short winter courses in agriculture beginning about January 1, each year

Write for catalog and information

FRANK S. KEDZIE, PRESIDENT, EAST LANSING, MICHIGAN



Domestic Science Laboratory-M. A. C.

Kindly mention the Wolverine when dealing with advertisers 309

BURR PATTERSON & CO.

Makers of the High Grade

SOCIETY PINS for M. A. C.

Write for our "Book for Modern Greeks" showing Rings, Novelties, etc., which can be mounted with your Coat of Arms

BURR PATTERSON & CO.

FRATERNITY JEWELERS

DETROIT

791 Woodward Avenue

MICHIGAN

Giving Satisfaction is a "B P" Attraction

Asbestos Shingles the Everlasting Roof

S. P. CONKLING

Steam Pipe and Boiler Covering Rooting Asbestos Paper Millboard Packings

If it's made of Asbestos I have it!

68 Jefferson Avenue DETROIT :: MICHIGAN

A GIRL'S GEOGRAPHY OF LIFE

Cape Flattery—Age 16. Point Defiance—Age 18. Cape Lookout—Age 20. Cape Hope—Age 25. Cape Disappointment—Age 30. Cape Fear—Age 35. Cape Farewell—Age 40.

* * * * *

EXPERIENCE

I had my money And my friend, I lent my money To my friend, I asked my money Of my friend, I lost my money And my friend. DOWNHEARTED

* * * * *

"That's a fast-looking car of Prof. King's, what kind is it?"

"They call it a phonograph — it's a record breaker."



JOHN HERRMANN'S SONS Tailors

218 N. WASHINGTON AVE.

:-:

LANSING, MICH.

SPROWL BROS. Everywoman's Store

CLOAKS, SUITS, WAISTS, FURS, SKIRTS

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119 N. WASHINGTON AVE.

LANSING, MICH.

Everything in the Line of INSURANCE BONDS, ETC. Aetna-izing a Specialty

THE DYER-JENISON-BARRY COMPANY, Ltd.

LANSING INSURANCE AGENCY, Inc.

Bell 228 Citizens 2225 208 Capital National Bank Building A SENIOR— Deep wisdom; swelled head; Brain fever—he's dead.

- A JUNIOR— Fair one; hope fled; Heart busted—he's dead.
- A Soph.— Played football; 'nuf sed; Neck broken—he's dead.
- A FRESH.— Went fussin'—'tis said; Floor hit him—he's dead.

JOHN F. CROTTY BOOKS and STATIONERY

new address 110 East Allegan St.



MAGAZINES AS WE READ THEM AT M. A. C.

The Country Gentleman—"Irish" Ramsey. Literary Digest—Professor Johnson's English classes.

Everybody's-Marion Smith. Ladies' World-"Coop." Sunset-Farm Lane. Woman's Home Companion-Keith Kruger. Adventure-Freshmen on Campus. Travel-"Spike," Hespy House, "Coop." Review of Reviews-Before Finals. Good Housekeeping-"Coop." Youths' Companion-Geraldine Curtis. Art-de-la-Mode-Marion Morse. Vogue-"Tics" (Larry inc.) Century-Registration or Lecture Periods. Short Stories-He and She, Library, "F." Smart Set-Seniors. Life-Everywhere at M. A. C. Etude-Sissie Anderson. Little Folks-Marjory Cook and ?. Judge-Pres. Kedzie.

KEEP BEES

Orchard, Garden, Poultry or Farm specialists will find the production of honey profitable and interesting.

We furnish complete equipment either with or without bees. Send for general catalog together with booklet "The Bee Keeper and the Fruit Grower."

General Agents in Michigan for Root's Bee Supplies.

M.H.Hunt & Son

510 North Cedar St. Lansing - Michigan

Help UNCLE SAM win the war

HH

by using

PAPEC ENSILAGE CUTTERS

and

AVERY GAS TRACTORS

so as to get Maximum Capacity from the farm

The BANTING MACHINE COMPANY

HH

Distributors TOLEDO OHIO Catalogs furnished upon request

Established 1844

Incorporated 1904

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Sharp & Smith

W. N. SHARP, Pres.

Makers and Importers of Surgical and Veterinary Instruments Hospital and Invalid Supplies

Elastic Stockings and Supporters Artificial Limbs, Trusses Deformity Apparatus Optical and Electrical Goods Manicure and Pedicure Instruments

155-157 N. Michigan Blvd. CHICAGO ILLINOIS Two Doors North of Randolph St.

Kindly mention the Wolverine when dealing with advertisers 314

H

An Invitation

Members of the M.A.C. faculty and students have always been welcome at the Hugh Lyons factory, and are invited to inspect our plant at any time.

Our wood-working departments are of particular interest to forestry students.



DECIDED

There are meters iambic and meters trocaic, There are meters in musical tone, But — the meter That's sweeter And neater Completer Is to meet her At the P. O.—alone. X?!!

* * * * *

SH! - SH! -

The parlor door was open wide, Mary Ann, dear, by his side— Mary Ann and Hank. Then Mary Ann heard a fuss, And—later found them sitting thus—

and Hank.

* * * * *

Mary Ann

EVOLUTIONS OF A STUDENT

Freshman—Louie Smith. Sophomore—Louis Smith. Junior—Louis A. Smithe. Senior—Arthur Louis Smythe. Bring your building troubles to us. Estimates cheerfully given

The Largest Retail Lumber Dealers in Central Michigan

•

Rikerd Lumber Co.

"The Home of Quality"

Lansing, Mich.

Dependable Power For Farmers!

Thoroughly reliable, simple, perfectly balanced and compact, Olds Engines are giving dependable, economical, neverfaltering service in all sections of the country.

A Better Engine at a Lower Price

The Olds today-the product of 40 years' experience-is better than ever. And our guarantee-three times as strong as heretofore

whereby you are to be sole judge as to whether a part is defective or not, is your sure protection. Write for full particulars about this hopper cooled, frost proof engine which is equipped with the Webster Tri-Polar Oscillating Magneto, when so desired.

LANSING

11/2 to 15 Horsepower

Sizes

MICHIGAN

RELIANCE ENGINEERING CO. Over 150,000 Satisfied Users

The Empress Theatre

> Vaudeville and Motion Pictures

OUTLINE OF SHORT STORY

- F-ierce lessons.
- L-ate hours.
- U-nexpected committee meeting.

* * * * *

N-othing prepared.

K-nocked out.

Freshman-Irresponsible. Sophomore-Irrepressible. Junior-Irresistible. Senior-Irreproachable.

OLD, BUT EVER TRUE

A Freshman was wrecked on an African shore, Where a cannibal tribe held sway;

The Freshman was served up on slices of toast The eve of that very same day.

But the vengeance of heaven followed straight on the act.

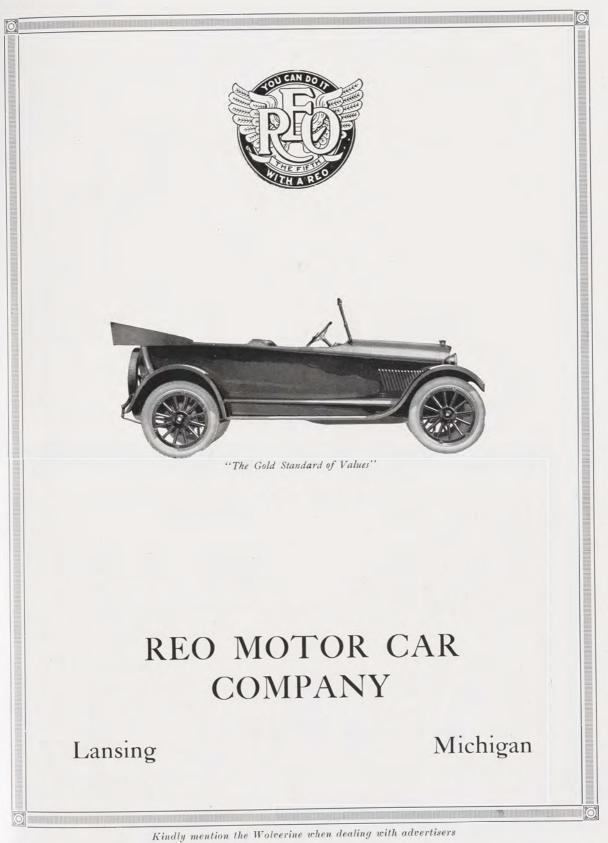
For e'er the next morning was seen,

By cholera morbus the tribe was attacked-The Freshman was awfully green. 1111

"Quality" Steel Filing Cabinets Desks and Tables

STEEL OFFICE EQUIPMENT OF ALL KINDS

The CANTON ART METALCO. "Quality Products" CANTON OHIO



<image>

We Sell...

ADAM SCHAAF PIANOS and PLAYER PIANOS Columbia Grafonolas Aeolian Vocalions and WHITE Sewing Machines (All sold on easy terms)

We also carry a complete line of *Columbia* double disc records. Yes, they will play on your machine.

Budd's Music House

LANSING :: MICHIGAN



The power sprayer with ten exclusive features. You can't afford to buy without investigating this sprayer and the rest of our line.

It's for spraying fruit but will spray beans.

Bean Spray Pump Co.



Abbey & Walters MEN'S DUDS 213 South Washington Avenue

KEEPING BOOKS ON BOSSIE

One can't milk cows blindfolded any more than he can plow corn blindfolded. Without the Babcock Test and Records, you do it blindly. Let us send you our book "Dairy Figures," a catalog and book of interesting facts combined. College people tell us it is worth reading because it throws light on this subject.

Blanke Mfg. & Supply Co. 214 Washington Ave. ST. LOUIS



EAT Banquet Cream Bread and Bran Bread

Made by

WM. BARRATT Wholesale

Baker

Lansing, Mich.

Corner Kerr and Kalamazoo Sts.

To those who appreciate

Good Laundry PROMPT ATTENTION

QUICK SERVICE

We Darn Your Socks and Mend Your Clothes

55 55 55

We Invite You to Give Us a Trial

The Lansing Laundry Co.

THE AVIATOR AND MILKY WAY

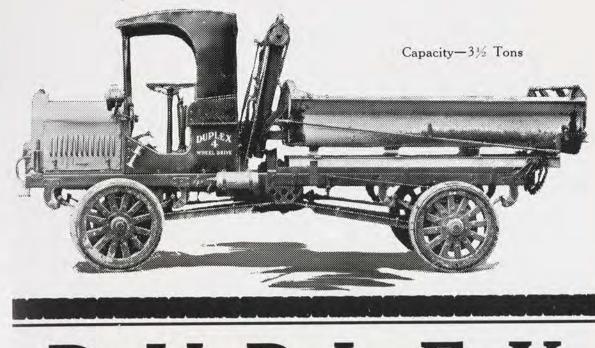
Along the milky way An airship man went flopping; He found to his dismay, His craft was nearly stopping.

He couldn't place the fault Until a kind star-dweller Advised that he should halt And look at the propeller.

And then the man was heard Some naughty things to utter, His plight was quite absurd, The shaft was clogged with butter.

HOME TALENT

Prex: "Do vou drink?" Soph (quite huffy): "That's my business." Prex: "Do you have any other business?"



Wheel a Driver Every



All energy, all power generated by the Duplex motor is evenly distributed to all four wheels.

The Duplex utilizes its motor power with double effect, and power wastage is eliminated.

Use of its motor power with twice the efficiency possible in rear-wheel drive trucks accounts for the titanic haulage tasks performed by the Duplex.

Because the Duplex 4-wheel drive principle prevents power wastage, the Duplex has tremendous reserve power. It hauls capacity loads through mud and sand and up embankments and steep hills. It is equal to any emergency.

Let us give you a practical demonstration of this super-strength truckthe truck that goes anywhere.

DUPLEX SALES AGENCY A. M. GRIFFITH, Manager

Washington Ave. and Shiawassee St.

LOCAL DISTRIBUTORS

DUPLEX TRUCK COMPANY - Lansing, Michigan

LARRABEE'S SPORT SHOP

Once more renews its allegiance to old M. A. C. and as for twenty-five years past is still endeavoring to merit the patronage of the students in all our lines. We are Lansing agents for Spalding's Athletic Goods and sell outfits for almost every sport you may desire to indulge in. At the same old stand but with perennially renewed energy for your service with a big "S."

325 South Washington Ave.

LANSING, MICH.

Mr. FARME



You are one of the producers of the nation's wealth, because **the farm** is a foundation of wealth. The portion of this wealth to which you are entitled depends on how you manage your farm; what assistance you give nature by using good seed, by providing a proper seed bed, by distributing the seed in the correct proportion by use of accurate seeding machinery, and by carefully cultivating and harvesting.

Good judgment combined with good tools will get good results.

We have made a careful, scientific study of agriculture in all its branches We offer you the product of these years of study and experience in the John Deere Full Line of Agricultural Implements.

Write us for "Better Farm Implements and How to Use Them." Let us help you win your share of success in the agricultural world.

John Deere Plow Co. of Moline Lansing, Michigan

The Dream

I slept on a hill, and I dreamed a dream In the checkered gloom of a lone tree's shade; While the winding stream with its silvery gleam, Moating the hill with a long, slow curve, Wended its way across the glade.

I dreamed a dream that is old as life, A vision of death as I wished it to be. A screaming fife in the battle's strife, The clarion bugle, the rolling drum; All these are not the calls for me.

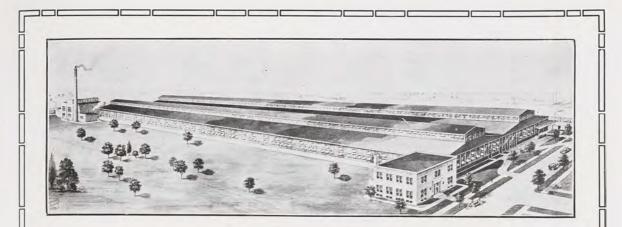
I wished to hear at the close of day, A soft, low voice like the call of a bird That drifts its way like a sprite at play Through the lazy air when the sun is low; A voice that I alone had heard.

I wished to die in day's waning light While Evening brings Night's sable cloak, And the faint starlight greets my fading sight; Such was my dream before I woke.

А. Ј. Ратсн, '17

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The New Daylight Factory of

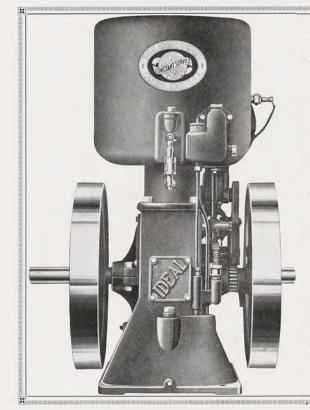
The Gier Pressed Steel Co. Lansing, Mich.

Manufacturers of

Pressed Steel Parts







IDEAL POWER

Built to run with a minimum of care and attention, Ideal Engines are demonstrating their reliability in all lines of construction work.

CONSTANT SERVICE

Ideal Engines are furnishing dependable power for concrete mixers, power loaders and hoisting and pumping outfits—giving neverfaltering, care-free service.

IDEAL ENGINE COMPANY

R. E. OLDS, Chairman

MICHIGAN

FRESHMAN AMBITION

He failed in physics, Flunked in math; They heard him softly hiss: "I'd like to find the guy that said That 'ignorance is bliss.'"

Larry—"How's everything?"

Bill Coulter-"Oh, she's all right."

Mary HAD a little lamb, Observe the tense, we pray; For with the prices that prevail, It couldn't be today.

"Check-Club C"

* * * * *

A woodpecker sat on a Freshie's head, And settled down to drill; He bored away for half a day, And finally broke his bill.



The Campus Press

PRINTERS-ENGRAVERS STATIONERS



A modern, up-to-date Printing Plant located under the East Lansing State Bank, for the convenience of M. A. C. Men, Women, Classes, Clubs, Societies, Fraternities and allied organizations.

W. S. KELLOGG, Manager

Automatic Phone 2243 "Particular Printing for Particular People"

LE CLEAR

PHOTOGRAPHER

again contributes to the success of the Wolverine by producing its photographs

> By reason of our years of experience in doing the college work, as well as our spacious and most approved studio, we are Lansing's only photographers capable of giving the high-grade photographical work demanded by M. A. C. men and women.

Equal satisfaction and the same careful attention given in both individual sittings and groupings.

Seniors, particularly, in their graduating photographs enjoy the satisfaction of having a perfect portrait to give to their friends.

Studios: Lansing—Capital National Bank Building Jackson—Carter Block

Old Pard

I turned my back on the grime and the black, Of the cities that swarm hot and mad, When I felt the clean air of the mountains, why there

I settled contented and glad.

And I'm up with the sun like a new life begun, With the strength of a youth's desire. I sing to the sun when my lone meal is done While the eagle soars higher and higher.

Oh, it's far from the way where worry holds sway, Dull care is no master of mine. For my board bill I charge to Dame Nature at

large,

And my bed is the soft-needled pine.

Some day when I'm old and my few days are told. When my rifle is rust at my side, I'll saddle my jack and hitch on my pack, And shag on across the Divide.

I'll half hate to go, for the way I don't know, The trails are too faint for to follow, But I'll just trust to Him, when my old eyes are dim.

While He leads me through upland and hollow.

I know on that side of the last great Divide, Will be mountains whose feet are caressed, By a lake cool and deep that reflects half asleep The snow-covered peaks in its breast.

There I'll camp on its shore when my roaming is o'er,

When I come home forever, for then I'll know that He'll see that an old fellow like me, Must live in the mountains again.

DAVID L. PEPPARD, '17

* * * * *

FRESH FROM THE COOP

"Did you wash that fish before you baked it?" Smart Omicron Nu: "No; what's the use? It has lived in water all its life."

* * * * *

Victim: "Confound your dog, madam. It's bitten a piece out of my leg."

Owner: "I'm truly sorry, sir. Naughty, little Daphne! After all my attempts to make Wednesday your meatless day."

* * * *

Future Father-in-Law: "But how can you support my daughter? Twenty dollars a week won't pay the rent."

Senior: "You don't mean to say you'll charge Helen and me rent, do you?"



NOVO POWER

For every purpose where dependable service and long life are necessary, you will find the Novo Engine. A compact, self contained Engine, simple in construction, with few working parts. Very simple to operate.

Novo outfits built on the same Standard for reliability that has made the Novo Engine famous, include: Deep Well Pumping outfit, Force Pumping outfits, Diaphragm Pumping outfits, Hoists in forty sizes and types, Saw Rigs, Air Compressors, etc.

Novo Engines run 80% of the gasoline driven concrete mixers as well as all gasoline driven back fillers.

A Novo Engine on your spray rig means excellent service, as operating on side hills or over rough ground has no effect on it.

Our book "Reliable Power" will give you further information.



The Unusual Popularity of



is unquestionably due to the *Quality* of Our Product, maintained through many seasons by careful selection of raw materials, scientific methods, and sanitary factories.

C. A. CONNOR ICE CREAM COMPANY, Inc. Lansing owosso Ann Arbor

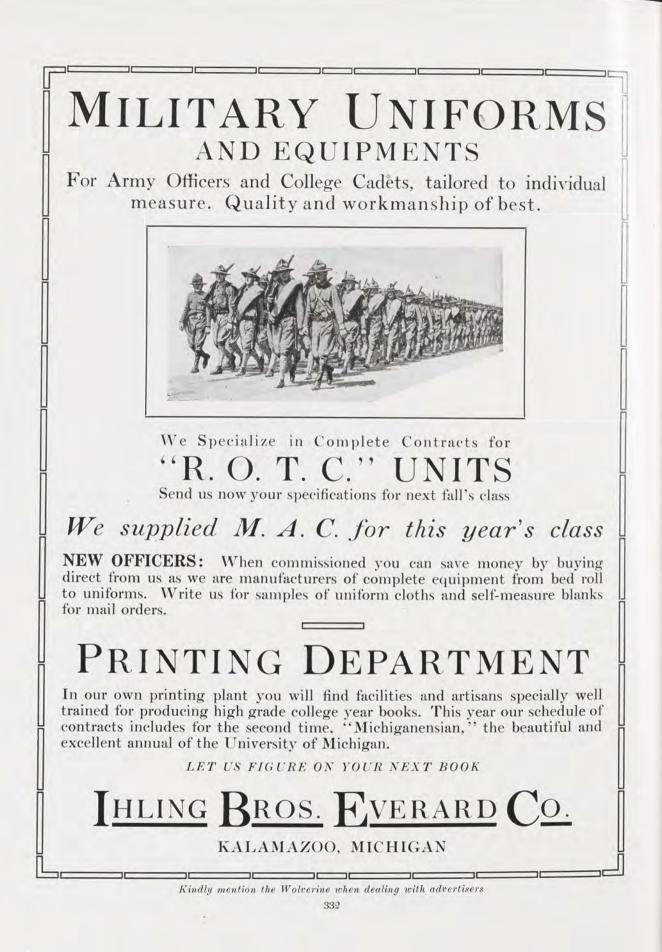
Our Service Flag

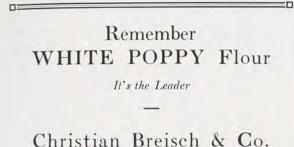
has been hanging out for thirty years but it has taken on a new meaning this year. Fall will find a new crew to welcome those of you who come back, but no matter who is here you will be welcomed at—

Mifflin's









Lansing - - Michigan

DEFINITIONS OF A FRESHMAN

"Fussing"—A certain something they say I must not do.

"Algebra"—It has brown and black, sometimes vellow stripes; seen at circuses. ! ! !

"Hash"—A certain dish served on meatless days.

"Pig"—A hog's little boy.

D=

"Flunk"-What they say I'll get in math.

"Indigestion"—Result of failure to adjust a square meal to a round stomach.

"Gentleman Farmers"—Those farmers who seldom raise anything but their hats.

"Needles"-Things used to make the Victrola play-aw!

* * * * *

SISTERLY ADVICE

Mechanic— Carpenter Tools

> We can give you what you want

> > Norton Hardware Co. 212 S. Washington Ave.

"Everything for the Shop"

- -

- 11

Our new store with a floor space of 100,000 sq. ft., enables us to carry a very large stock of Metal-working and Wood-working Machinery, Tools of all Kinds, and Factory and Mill Supplies.

Our service is good. Give us a trial

THE CHAS. A. STRELINGER CO. 43-51 E. Larned St. DETROIT

The Pessimist-

Examination Much perspiration No recreation Nervous prostration All flunkeration Humiliation.

THE OPTIMIST-

Examination Anticipation No preparation Some blufferation Realization.

* * * * *

HEARD AROUND THE CAMPUS

Barbara: "Nonsense, Kathleen! How do you know that the prunes at Club C are old?"

Kathleen: "I tell you I could see the wrinkles in them."

J. W. Edmonds' Sons

Trunks

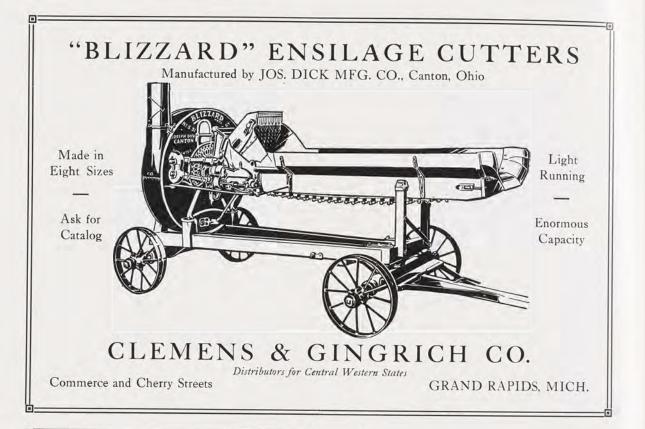
Travelers' Supplies-Novelties

107 S. Wash. Ave. Established 64 Years

Kindly mention the Wolverine when dealing with advertisers

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Michigan Butter and Egg Company

Home of "Palmas Altas"

Wholesale Eggs, Butter, Apples and Cheese

LANSING, MICHIGAN

Three inmates of Wells were telling of their strange experiences and how they had been mistaken for great men. "Would you believe it?" says Borgman, "I was mistaken for Theodore Roosevelt."

"Peace be with you," chimed in Vaughn, "but I have been mistaken for President Wilson."

"Huh," said Virshup, "I vas standing on the street corner the other day and a cop comes along and says to me, "Holy Moses, are you here again?"

Teacher: "Can anyone give me a sentence with the term 'weather-beaten'?"

Boy: "Me old man roots for the Giants whether beaten or not." * * * * *

ALONG FARM LANE

She: "My, these cows look so dejected lately." He: "Yes, and haven't you noticed how blue the milk is we've been getting?"

* * * * *

Gossip No. 1—"Gee, she's crazy over the men." Gossip No. 2—"Why do you know she even uses 'Mennen's Talcum'?"

The Michigan SiloCompany

Manufacturers of the

Smith Interlocking Cement Stave Silo

Lasts a lifetime.

Strength increases with age.

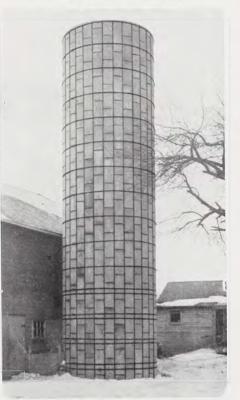
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> complete with Woodwork, Hubs and Rims

PRUDDEN WHEEL COMPANY

Manufacturers of Automobile Wheels Complete LANSING, MICHIGAN

Springtime Brings Memories

Thrice the sun has crossed the line Since I left that home of mine, But vacation time will find me At the old farm on a spree. Where Acer saccharum are but maples, And the malus are plain apples; But the syrup's just as sweet, And marmalade will be a treat.

Oh, I'm going back to where When a boy there was no care. Seems like the most I ever did Was to watch where the brown trout hid; Or to look for a muskrat queen— Shy, retiring, seldom seen; Or through the wood I'd make a trip To find a sweet, wild honey drip.

Three short years have made a change That no time can rearrange. The old world has grown too large; To know it all becomes a charge. Though much one learns, he'll still repent, For knowledge does not bring content. Greed for a scholar's wealth's to blame For a promise that's in vain.

That's why I'm going back to where The fields abound in pure air. Where big, brown buds begin to swell— Springtime is coming, they can tell. Just to forget the world of strife, And live again that boyhood life That knew not of the things so strange, I charge with having brought the change.

E. L. WAITE

He—"Was the car crowded you came out on?" Co-ed: "Not very. I had a strap all to myself."

* * * * *

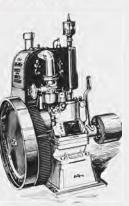
Marie Otis: "Oh, dear, I wish I had a new sailor suit."

Helen Edmunds: "What's the matter, doesn't your sailor suit?"



"GOES AND GOES RIGHT"

For all classes of work where efficiency and economy are wanted. The "New-Way" Engine leads them all.



It has the necessary features to produce entire satisfaction for the operator.

Advanced design consisting of the direct cooling system, enclosed crankcase, splash system of lubrication, light weight, simple, compact, and easy to operate.

A Life Guarantee is Furnished With Every Engine

"New-Way" engines are built in all sizes and types both vertical and horizontal.

The "*New-Way*" binder engine will save your crops and horses and enable you to get your harvesting done in any kind of weather.

Ask for Catalog "Z"

THE NEW-WAY MOTOR COMPANY LANSING. MICHIGAN. U.S.A.

Compliments of

Michigan Screw Company

Manufacturers of Screw Machine Products

Lansing Michigan

Michigan Supply Co.

Lansing, Michigan

Wrought Pipe for Steam, Plumbing and Well Work. Iron and Brass Valves, Fittings, Power Transmission, Belting, Hose, Plumbing and Heating Supplies

All Goods of Quality

Breathes there a maid with soul so dead Who never to her chum hath said: "Is my nose shiny?"

Breathes there a man with soul so dead Who after hours' wait at "Coop" hath not said:

x ! - ! x - ? ! x ? | !

Oswald: "Good heavens, the clock just struck one, and I promised your mother I'd leave at twelve."

Hepatica: "Good, we've eleven hours yet."

* * * * *

A recruiting officer strolled into the dairy barn where a man was milking a cow. "How is it that you are not at the front, young man?"

"Because, sir," answered the dusky milker, "there ain't no milk at that end."

High ideals, energy, purpose, a desire to do all things well, and broad conceptions of all the functions of a merchant govern the conduct of

The MILLS Dry Goods Company

The Heart of Lansing

Silks, Dress Goods, Linens, White Goods, Colored Wash Goods, Underwear, Hosiery, Gloves, Domestics

The Only Store in Lansing that Sells WOOLTEX Suits, Coats, Skirts

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For complete detailed information, prices and advertising, write C. L. SPRINKLE, President UNITED ENGINE COMPANY, Lansing, Michigan, U. S. A.

YOUR 5 and 10c Store

The Customer is Always Right at

> KNOX'S 5 and 10c Store

F. W. Woolworth Co., Successors

The Big Store on the Corner

Sonnet to M. A.C.

To thee, loved College, I my voice upraise; Thou'st given more than knowledge unto me; God, only, knows what wealth I owe to thee Of training needed for life's unknown maze, Of happy hours amid the busy days, Of friendships true that ne'er forgot shall be, Yea, that shall last through all eternity, Of wider view and broader life always. For half a century hast thou lived and grown And blest each youth that did thy welcome claim, For thou an equal chance to each hath shown; Thy sons and daughters are in many a clime; Oh, may we all prove worthy of thy name And Alma Mater honor through all time.

ALICE M. POWELL, '16

* * * * *

Agnes: "Did you notice that good looking fellow who sat back of us on the car^2 "

Verna: "Oh, the handsome young man with the green necktie and the blue shirt, who wore his hair pompadour? No, why?"

YOUR EYES! Are you giving them a Square Deal?

Science plus Accuracy spells Service! Lenses accurately ground. Towle Glasses Will Relieve Your Eyestrain.

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"WHERE THE EYES ARE ALWAYS MOVING"

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The Auto Body Co.

Lansing, Michigan

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Manufacturers of

H H

Corrugated Culverts Steel Bridges and Re-enforcing Bars

Particularly Armco Culverts

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The C. J. Strang Printing Company

Good Printing Quick Service

H H

Automatic Phone 3384 Bell Phone 477 316 East Michigan Avenue Lansing - Michigan

Prize Song

Junior Song-By Ruth Musselman '19

Hail! dear Alma Mater, Beloved of us all; Hail! O cherished spirit That will never fail nor fall. Hail! as on you lead us To fields afar and near For you'll ever give us courage And lend us of your cheer. First in all life's battles, Through loss or victory's gain, You stand amid your rivals With virtues all unstained; Hail! unspotted whiteness and Hail! O green of youth! Fair symbols of thy Honor; Thy loyalty and truth. Silently you're sending Your men so brave and true To turn the wheel of justice And make all nations new; Give to us that spirit With which you cover them, To fight, to die, to conquer For our glorious emblem.

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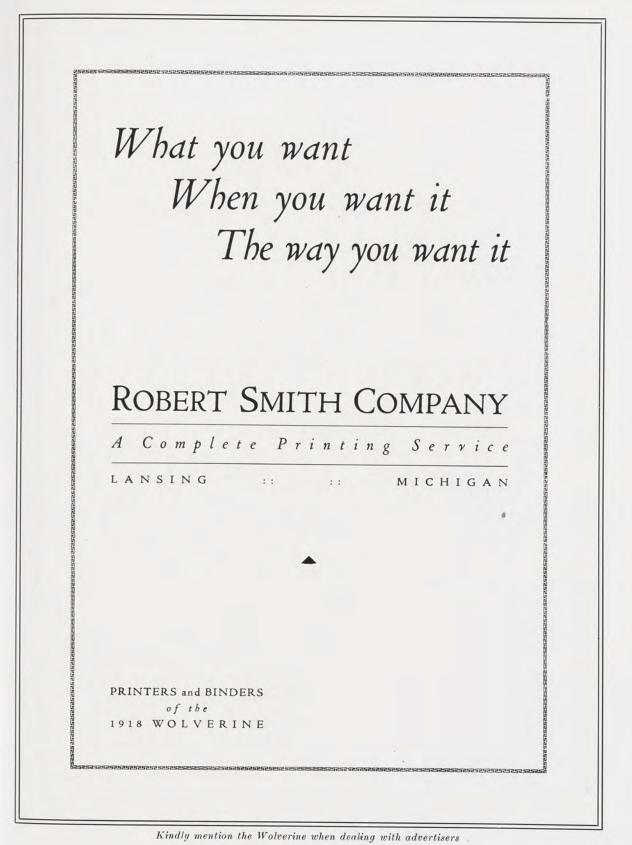
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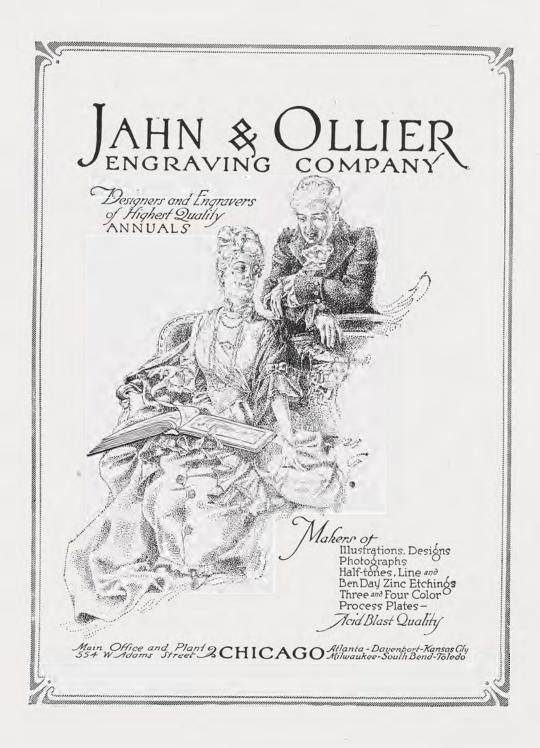
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Read the College News Every Week in Your Own Holcad



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Ice

As essential as the purity of the food you eat, is the purity and the cleanliness of the ice which is used to preserve and keep that food. Our ice is manufactured from filtered distilled water and is guaranteed absolutely pure.

Water

Our water is distilled, filtered and aerated, and is positively free from contamination or disease germs. It is valuable for drinking, for medicinal purposes, for mechanical and scientific uses, for washing delicate fabrics and so forth.

Daily delivery service to every part of the city, and to East Lansing during the summer months

Products of Quality

The Lansing Foundry Company

Lansing, Michigan

HH

Grey Iron Castings Semi Steel Castings Oxy Acetylene Welding Patterns Service for the Public

DURING FARMERS' INSTITUTE

Friend Farmer: "Say, Jenkins, is your son a student?"

Farmer Jenkins: "No, he's an athlete."

* * * * *

AT CLUB C

Co-ed 1: "Here is a nickel I found in the hash." Pleasing Head Table 23: "Yes, I put it there. You've been complaining so much about the lack of change in your meals."

* * * * *

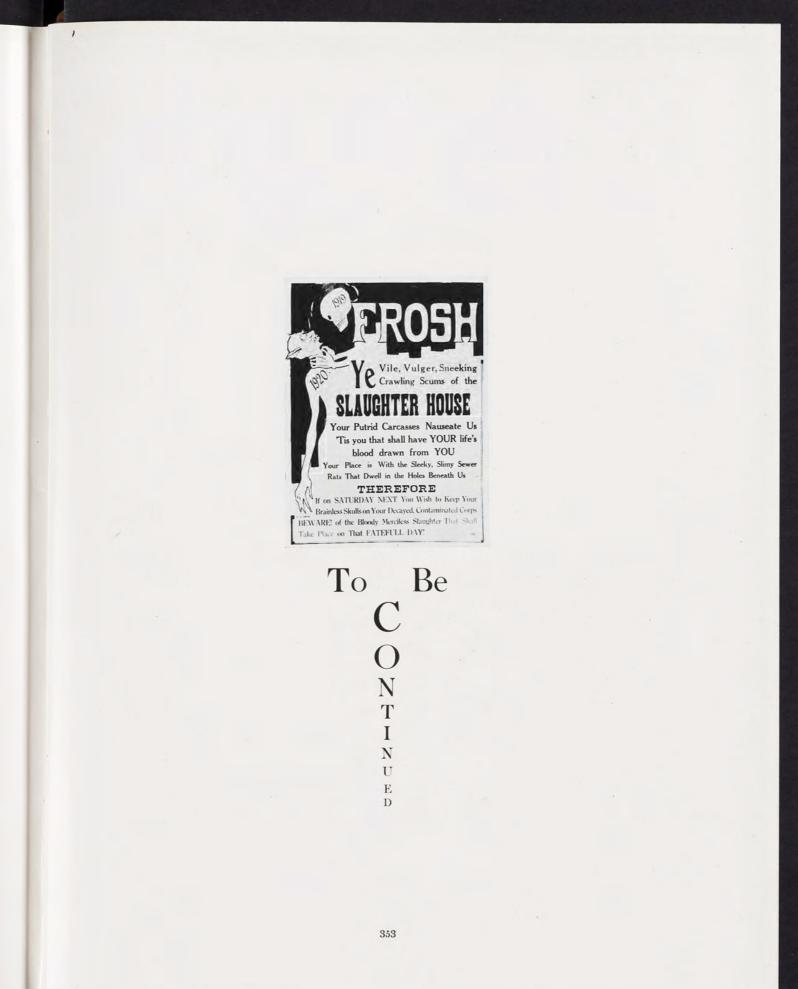
Loafing Senior at SUTTERBY's: "There's a fine girl, but she too has her faults."

Companionable Soph .: "Yes, hair and teeth."

* * * *

A young East Lansing Newlywed remarked that she did not know there was a sugar famine. Beats all how sweet a husband is the first few days.

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