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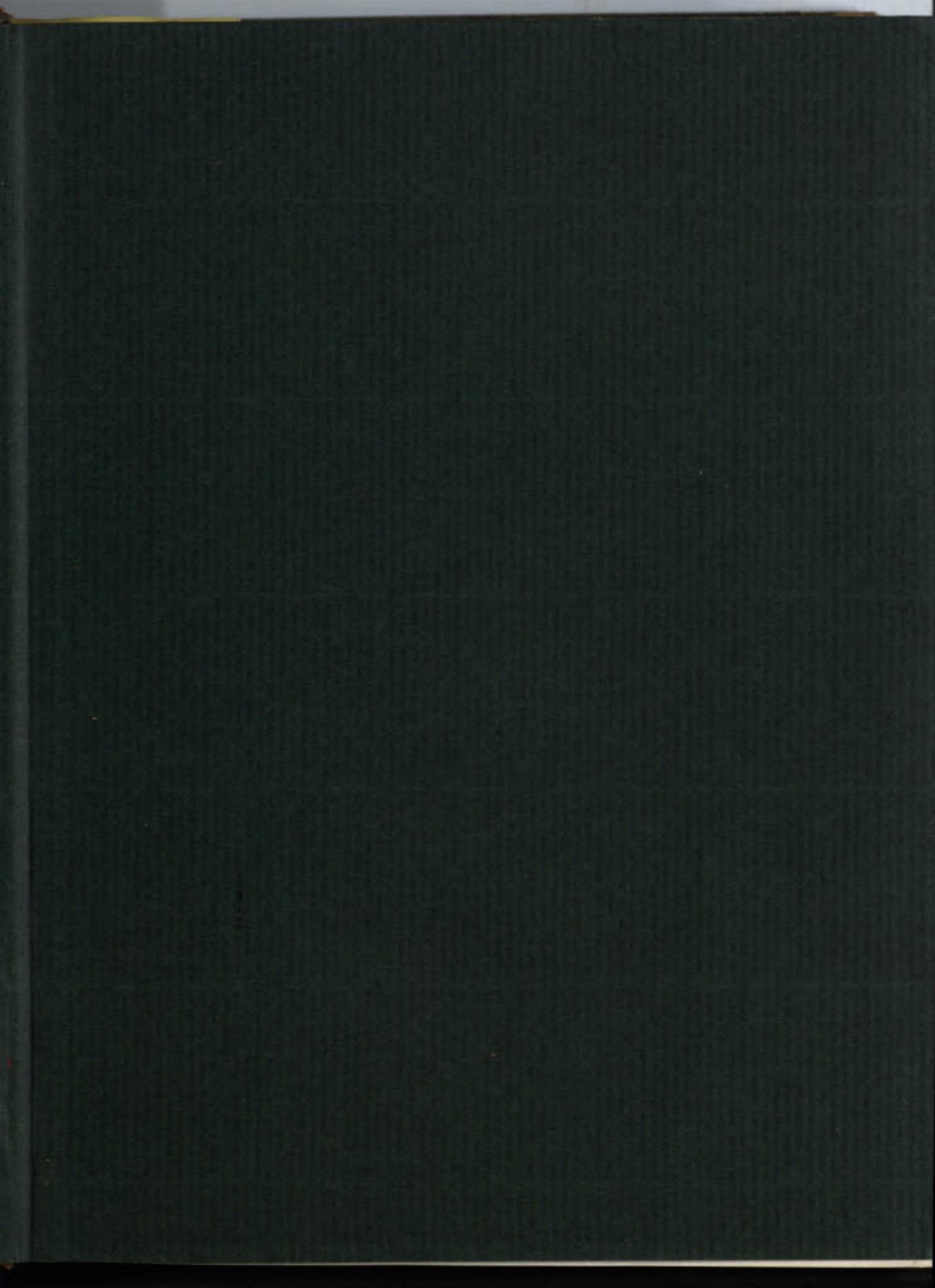
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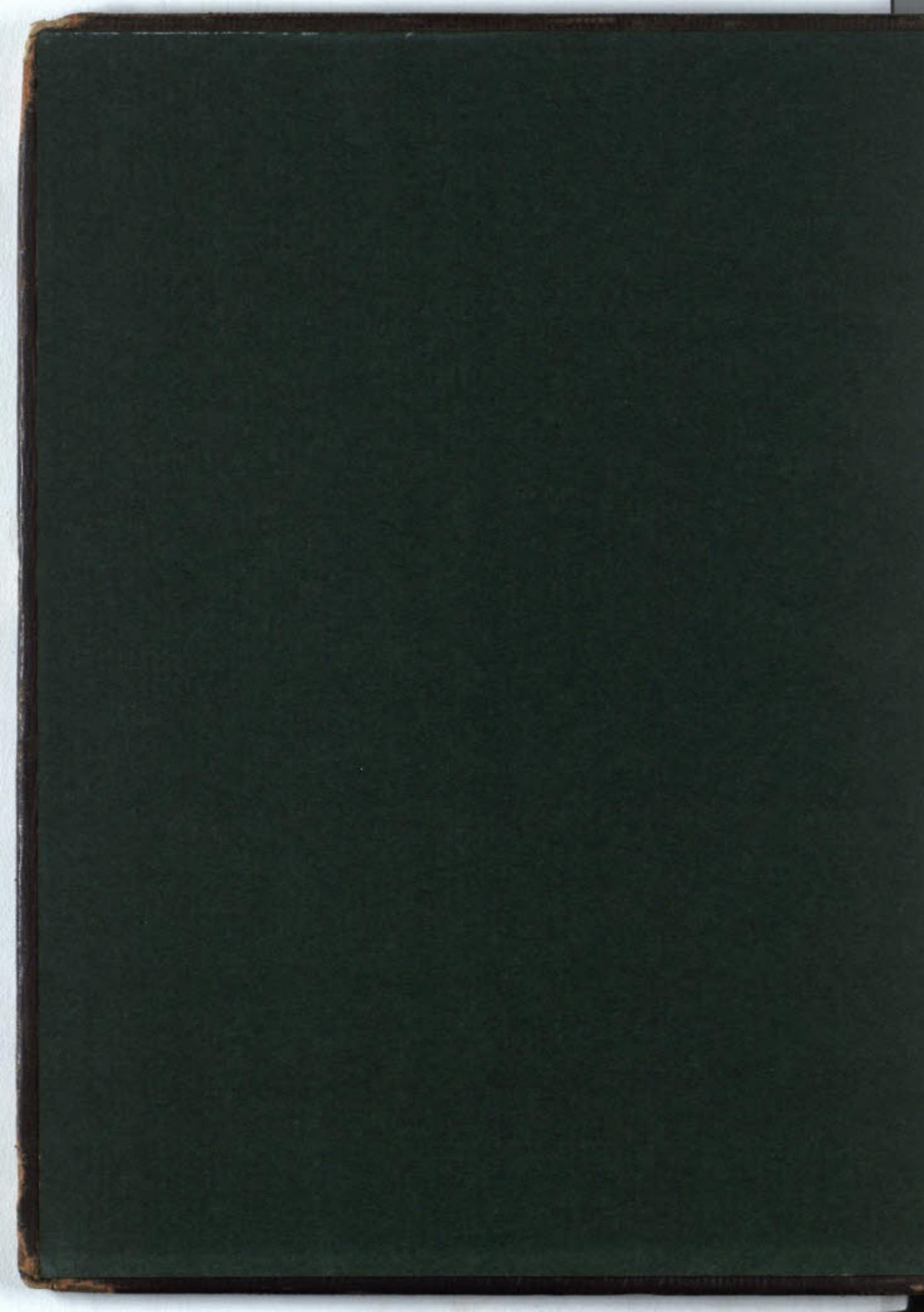
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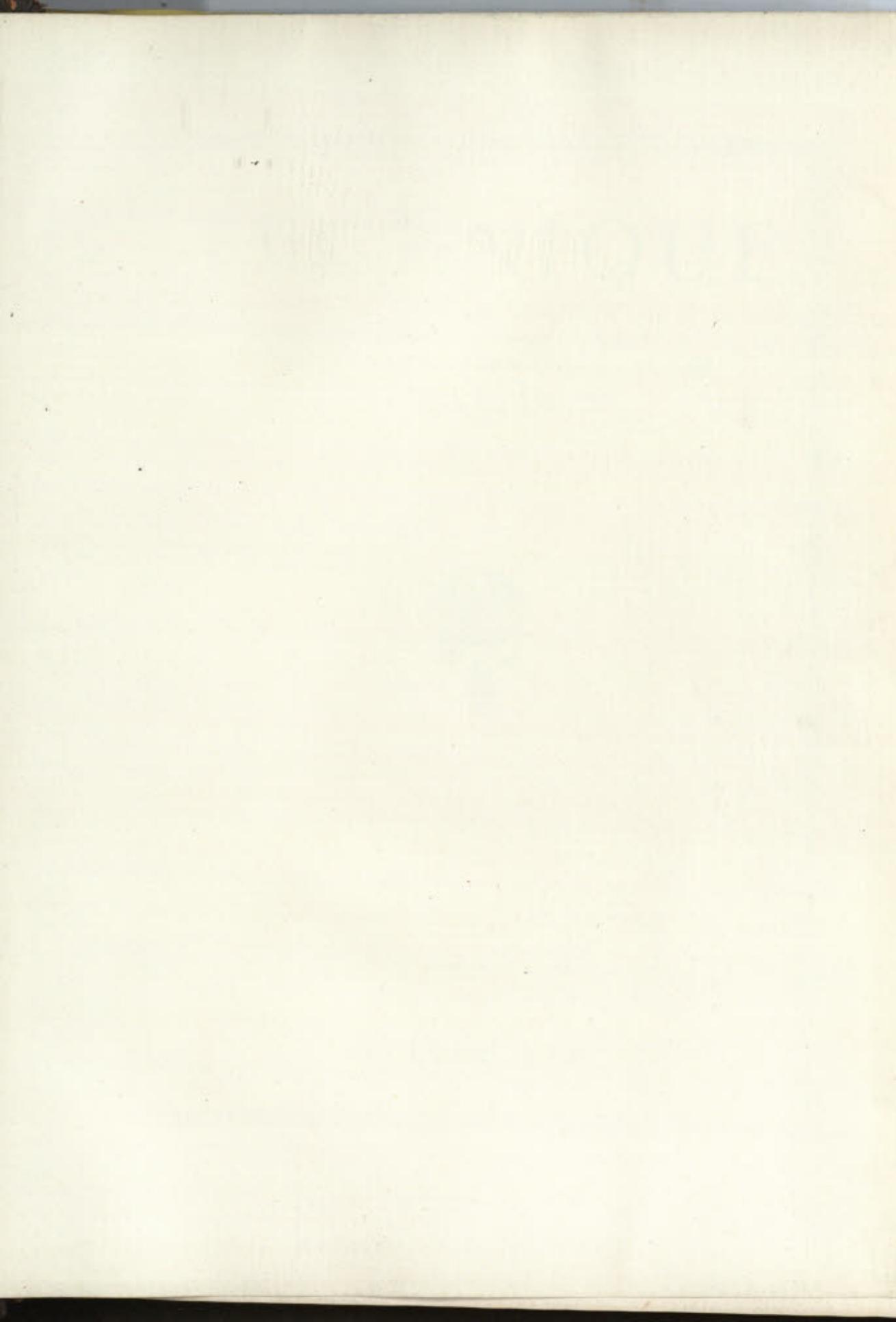


MENS ET MANUS

OTTO WILLIAM HILBERT







THE CHINESE

OF THE



TECHNIQUE

NINETEEN HUNDRED AND
SIXTEEN



VOLUME XXX

TECHNIQUE

MAJOR FRANK HARRISON BRIGGS, '81

TO

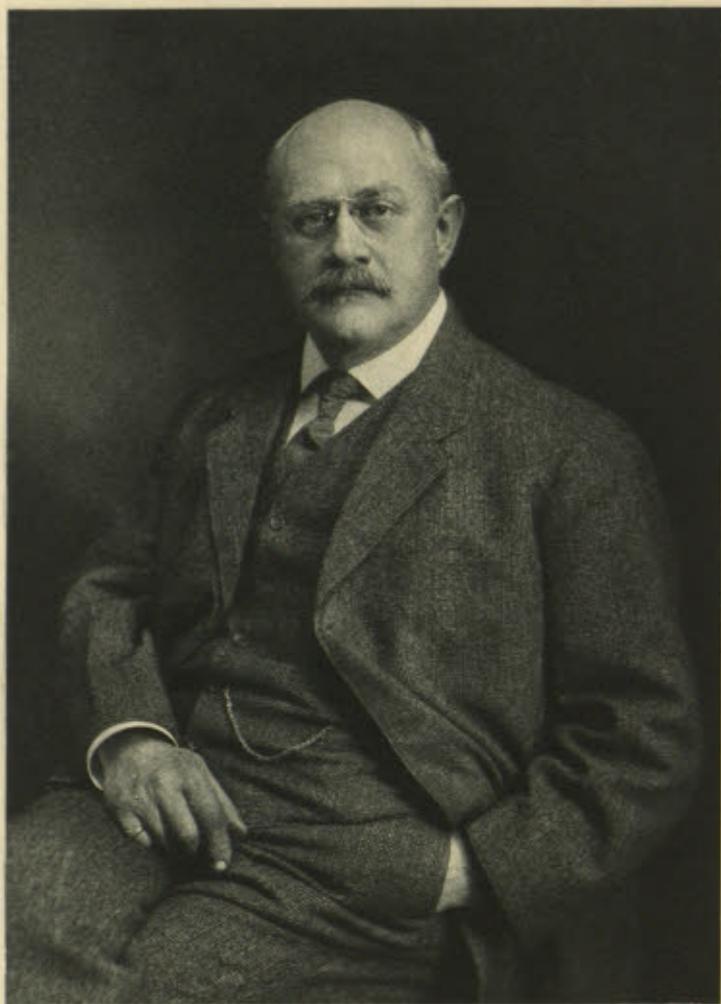
MAJOR FRANK HARRISON BRIGGS, '81

IN ACKNOWLEDGMENT OF THE DEBT TECHNOLOGY OWES HIM
FOR THE STIMULUS HE HAS SO OFTEN IMPARTED TO
ATHLETICS AT THE INSTITUTE

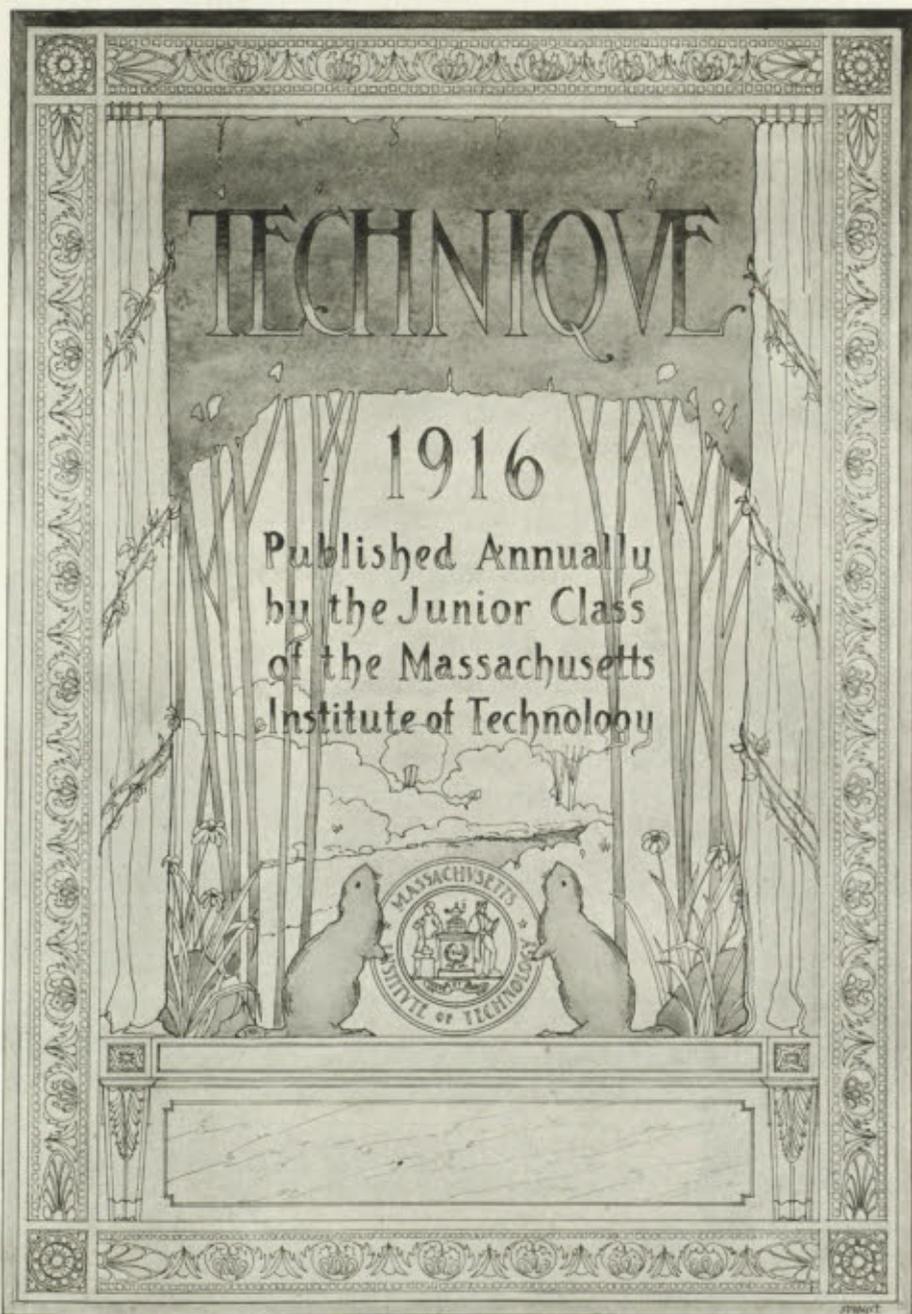
We Dedicate

OUR TECHNIQUE

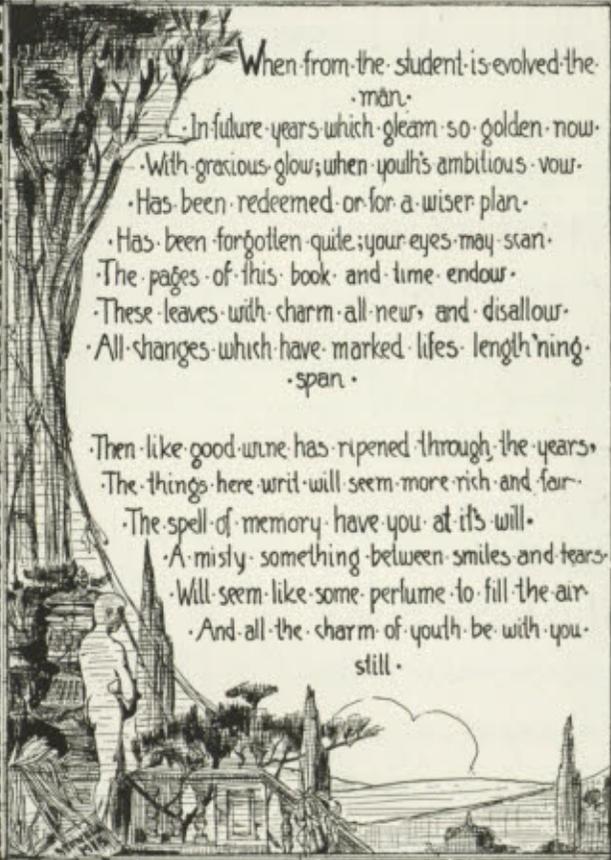
THE HISTORY OF



F. A. Briggs



TECHNIQUE 1916



When from the student is evolved the
man.
In future years which gleam so golden now
With gracious glow; when youth's ambitious vow
Has been redeemed or for a wiser plan
Has been forgotten quite; your eyes may scan
The pages of this book and time endow
These leaves with charm all new and disallow
All changes which have marked life's length'ning
span.

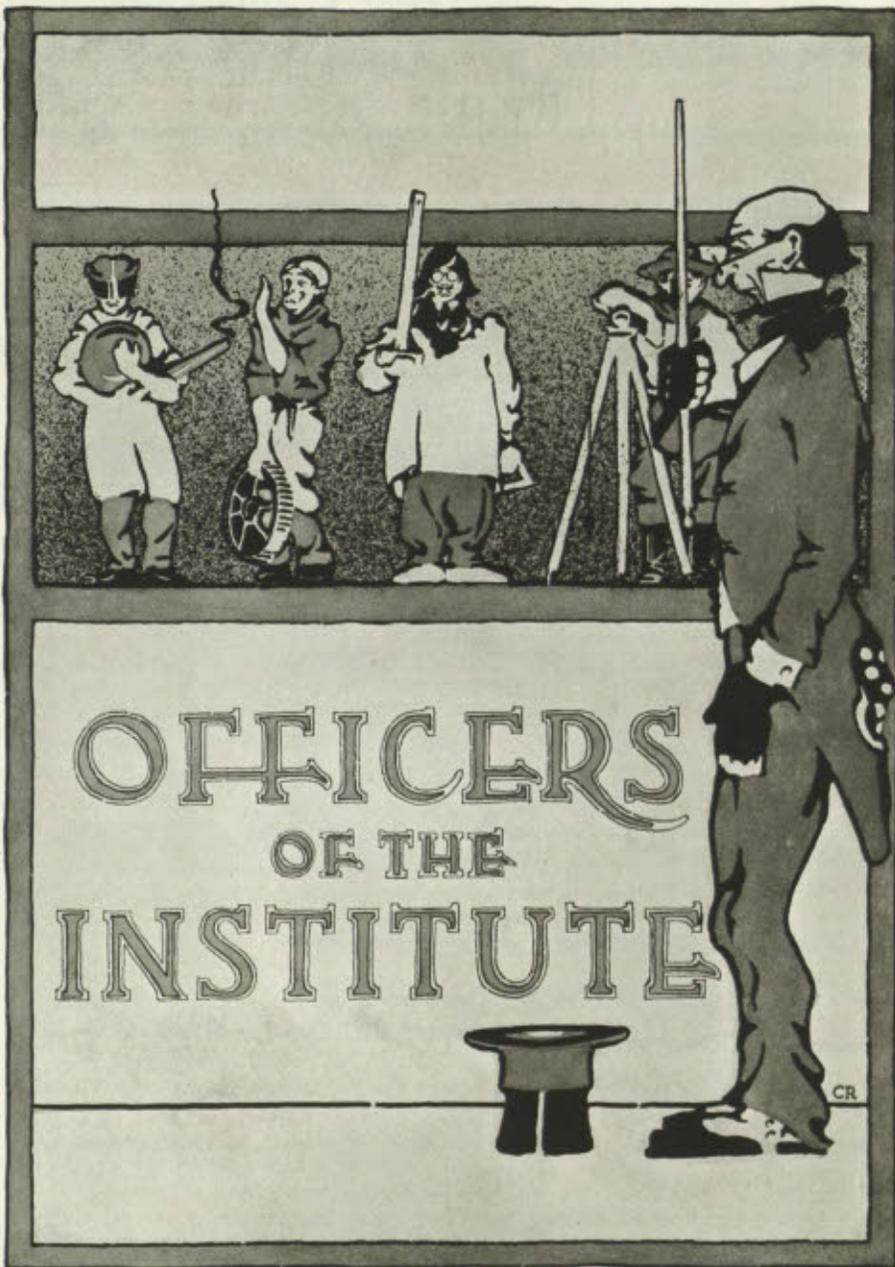
Then like good wine has ripened through the years
The things here writ will seem more rich and fair
The spell of memory have you at its will
A misty something between smiles and tears
Will seem like some perfume to fill the air
And all the charm of youth be with you
still.

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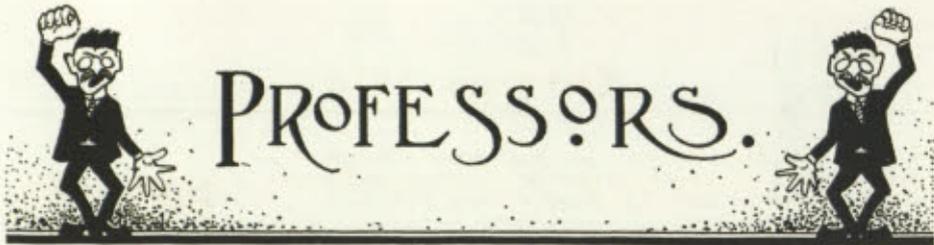
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DEPARTMENT OF CIVIL AND SANITARY ENGINEERING



CHARLES M. SPOFFORD, S.B., *Hayward Professor of Civil Engineering; in charge of the Department of Civil and Sanitary Engineering.*—S.B., M. T. I. 1893, I., A X P.

Graduate Student in Civil Engineering, Massachusetts Institute of Technology, 1894; Assistant in Civil Engineering, Massachusetts Institute of Technology, 1896-97; Instructor, 1897-1903; Assistant Professor, 1903-05; Professor of Civil Engineering, Brooklyn Polytechnic Institute, 1905-09; Professor of Civil Engineering, Massachusetts Institute of Technology, from 1909.

Author of *The Theory of Structures* and various papers on engineering subjects; Member of firm: Spofford, Fay & Thorndike, Consulting Engineers.

Residence: 535 Beacon Street.



GEORGE F. SWAIN, S.B., LL.D., Am. Soc. Civil Eng., Am. Soc. Mech. Eng., Am. Inst. Cons. Eng., Inst. Civil Eng. Gr. Britain, Arch. und Ing. Verein (Hanover, Ger.), Canadian Soc. Civil Eng., Am. Ry. Eng. Assoc., Am. Soc. Test. Mat., Boston Soc. Civil Eng., N. E. Water Works Assoc., Mass. Highway Assoc., Am. Ry. Bridge and Bldg. Assoc., Am. Air Brake Assoc., Am. Forestry Assoc., Soc. Pro. Eng. Educ., Am. Acad. Arts and Sci., Am. Assoc. Adv. Sci.; *Gordon McKay Professor of Civil Engineering.*—S.B., M. I. T., 1877; Royal Poly. Sch., Berlin, 1877-80; LL.D., New York Univ., 1907.

Hydraulic Expert, Tenth U. S. Census, 1880-84; *Hayward Professor of Civil Engineering, Massachusetts Institute of Technology, 1887-1909; Professor of Civil Engineering, Harvard, from 1909; Cons. Engineer, Mass. R.R. Commission, from 1887; Chairman, Boston Transit Commission, from 1913; Gordon McKay Professor of Civil Engineering, Massachusetts Institute of Technology, from 1914.*

Author of *Reports on Water Power* published by Tenth Census; *Notes on Hydraulics; Notes on Theory of Structures;* of a large number of professional papers and discussions in the *Transactions of professional societies;* "Conservation of Water by Storage" (lectures delivered at Yale University, 1914).

Residence: 435 Marlborough Street.



C. FRANK ALLEN, S.B., Am. Soc. Civil Eng.; *Professor of Railroad Engineering.*—S.B., M. I. T. 1872, I.

Assistant Professor, Massachusetts Institute of Technology, 1887-89; Associate Professor, 1889-96; Professor from 1896; Head of the Department of Civil and Sanitary Engineering, 1909-11.

Member of the Committee of Publication of *Technology Review*, 1899-1901; Author of *Railroad Curves and Earthwork*, and other books.

Residence: 88 Montview Street, West Roxbury.

DWIGHT PORTER, Ph.B., Am. Soc. Civil Eng., Berzelius Society; *Professor of Hydraulic and Sanitary Engineering; in charge of the Course in Sanitary Engineering.*—Ph.B., Yale Scientific School, 1880.

Special Agent, Tenth Census United States, Report upon Water Power, 1880-83; Instructor in Mathematics, Massachusetts Institute of Technology, 1883-85; Instructor in Civil Engineering, 1885-87; Assistant Professor, 1887-90; Associate Professor of Hydraulic Engineering, 1890-96; Professor of Hydraulic and Sanitary Engineering from 1896.

Author of Flood Discharge from Small Watersheds, Report upon a Sanitary Inspection of Certain Tenement-house Districts of Boston, Reports upon Water Power, Water Power Streams of Maine, Notes on Stereotomy and Warped Surfaces, Stream Gaging, etc.

Residence: 149 Hawthorne Street, Malden.



ALFRED E. BURTON, Sc.D., Am. Soc. Civil Eng., Am. Acad. Arts and Sci., Am. Geog. Soc., Am. Astrophysical Soc., Soc. Pro. Eng. Educ., Boston Soc. Civil Eng.; *Dean; Professor of Topographical Engineering; in charge of the Department of Drawing and of the Department of Physical Training.*—S.B., Bowdoin, 1878; Δ K E, Φ B K.

Instructor in Topographical Engineering, Massachusetts Institute of Technology, 1882-84; Assistant Professor, 1884-89; Associate Professor, 1889-96; Professor from 1896; Dean from 1902.

Author of several articles in Technology Quarterly and Technology Review. In charge of Scientific Expedition to Umanak, Greenland, 1896; in charge of Eclipse Expedition to Washington, Ga., 1900; in charge of Eclipse Expedition to Sumatra, 1901.

Residence: 32 Webster Court, Newton Center.



LEWIS J. JOHNSON, A.B., C.E., Am. Acad. Arts and Sci., Soc. Pro. Eng. Educ., Am. Soc. Civil Eng., Boston Soc. Civil Eng., Am. Soc. Test. Mat., Am. Concrete Inst.; *Professor of Civil Engineering.*—A.B., Harvard, 1887; C.E., 1888; Federal Polytechnikum, Zürich, 1888-89; École des Ponts et Chaussées, Paris, 1889-90.

Instructor in Civil Engineering, Harvard, 1890-92; Practising Civil Engineer, Chicago, 1892-94; Instructor, Harvard, 1894-96; Assistant Professor, 1896-1906; Professor from 1906; Professor of Civil Engineering, Massachusetts Institute of Technology, from 1914.

Joint designer of the Harvard Stadium; contributor to engineering journals and author of essays on civic and economic topics.

Residence: 90 Raymond Street, Cambridge.

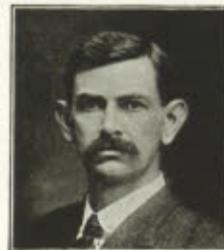


ARTHUR G. ROBBINS, S.B., Am. Geog. Soc., Soc. Pro. Eng. Educ., Boston Soc. Civil Eng.; *Professor of Topographical Engineering.*—S.B., M. I. T. 1886, I.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1886-88; Instructor, 1888-93; Instructor in Highway Engineering, 1893-96; Assistant Professor, 1896-1906; Associate Professor of Topographical Engineering, 1906-09; Professor from 1909.

Author of An Elementary Treatise on Plane Surveying and Navigation, and of various magazine articles.

Residence: 42 Oak Street, Belmont.





GEORGE C. WHIPPLE, S.B., Am. Acad. Arts and Sci., Am. Assoc. Adv. Sci., Am. Soc. Civil Eng., Am. Chem. Soc., Soc. Am. Bact., Am. Public Health Assoc., Am. Soc. Municipal Improv., Soc. Pro. Eng. Educ., Brookline Eng. Club, Boston Eng. Club, Mass. Public Health Council, N. Y. Commission Bldg. Districts and Restrictions; *Gordon McKay Professor of Sanitary Engineering*.—S.B., M. I. T. 1889.

Biologist, Boston Water Works; Director of Mount Prospect Laboratory, Department of Water Supply, Gas, and Electricity, New York City; Professor of Sanitary Engineering, Harvard, from 1911; Member, Administrative Board of the School for Health Officers; Gordon McKay Professor of Sanitary Engineering, Massachusetts Institute of Technology, from 1914.

Author of *Microscopy of Drinking Water, Value of Pure Water, Typhoid Fever*; contributor of various articles on Sanitary Biology, Water Supply, and Sewage.

Residence: 15 Berkeley Place, Cambridge.



CHARLES B. BREED, S.B., Am. Soc. Civil Eng., Am. Ry. Eng. Assoc., Soc. Pro. Eng. Educ., Boston Soc. Civil Eng.; *Professor of Railroad Engineering*.—S.B., M. I. T. 1897, I., $\Phi \Sigma K$.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1898-1900; Instructor, 1901-08; Assistant Professor, 1908-10; Associate Professor, 1910-14; Professor of Railroad Engineering from 1914.

Author of *Principles and Practice of Surveying* (with Professor G. L. Hosmer); Associate Editor, *American Civil Engineers' Pocket Book*. Member of firm: Breed & Barrows, Consulting Engineers.

Residence: 5 George Street, West Lynn.



HECTOR J. HUGHES, A.B., S.B., Am. Soc. Civil Eng., Am. Soc. Test. Mat., Am. Assoc. Adv. Sci., Permanent Internat. Assoc. Navigation Congresses, Soc. Pro. Eng. Educ., Boston Soc. Civil Eng., Am. Soc. Municipal Improv., Am. Highway Assoc.; *Professor of Civil Engineering*.—A.B., Harvard, 1894; S.B., 1889; ΔT .

Assistant, Town Engineer's Office, Brookline, Mass., 1894-97; Student, Lawrence Sci. School, 1897-99; Asst. Engineer, M. of W., C. B. & Q. Ry., Chicago, 1899; Resident Engineer, C. B. & Q. Ry., Iowa, 1900-02; Engineer, Am. Bridge Co., Pittsburgh, 1902; Instructor in Civil Engineering, Harvard, 1902-03; Assistant Professor, 1903-13; Associate Professor, 1913-14; Professor from 1914; Cons. Engineer, Burke & Hughes, 1906-11; Cons. Engineer, Cambridge Water Board, from 1911.

Author of *A Treatise on Hydraulics* (with A. T. Safford), *Roads and Toll Roads* in Enc. Am. Govt.; "Highway Engineering Education" paper at American Road Congress, 1914.

Residence: 6 Clement Circle, Cambridge.



HAROLD K. BARROWS, S.B., Am. Soc. Civil Eng.; *Associate Professor of Hydraulic Engineering*.—S.B., M. I. T. 1895, I.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1895-96; Assistant Professor of Civil Engineering, University of Vermont, 1901-03; Associate Professor, 1903-04. District Engineer, U. S. Geological Survey, 1904-09; Consulting Hydraulic and Sanitary Engineer, 1907-09; Associate Professor of Hydraulic Engineering, Massachusetts Institute of Technology, from 1909.

Member of firm: Breed & Barrows, Consulting Engineers.

Residence: 4 Fairview Terrace, Winchester.

GEORGE E. RUSSELL, S.B., *Associate Professor of Hydraulic Engineering.*—S.B., M. I. T. 1900, I.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1900-01; Draughtsman, American Car Foundry Co., 1901-02; Structural Engineer, 1902-04; Instructor in Civil Engineering, Cornell, 1904-05; Instructor in Civil Engineering, Massachusetts Institute of Technology, 1905-07; Assistant Professor, 1907-13; Associate Professor of Hydraulic Engineering from 1913.

Author of Text Book on Hydraulics.

Residence: 996 South Street, Roslindale.



GEORGE L. HOSMER, Boston Soc. Civil Eng., *Assistant Professor of Civil Engineering.*—M. I. T. 1897, I.

Instructor in Civil Engineering, Massachusetts Institute of Technology, 1897-1907; Assistant Professor from 1907.

Author of Text Book on Practical Astronomy, Principles and Practice of Surveying (with Professor C. B. Breed), and of a Surveyor's Hand Book entitled "Azimuth."

Residence: 350 Salem Street, Woburn.



JOHN W. HOWARD, S.B., Am. Soc. Civil Eng.; *Assistant Professor of Topographical Engineering.*—S.B., M. I. T. 1903, I.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1903-05; Instructor, 1905-13; Assistant Professor of Topographical Engineering from 1913.

Residence: 147 Grampian Way, Dorchester.



COURSE II

DEPARTMENT OF MECHANICAL ENGINEERING, APPLIED MECHANICS AND
MECHANIC ARTS

EDWARD F. MILLER, S.B., Am. Soc. Mech. Eng., Am. Soc. Civil Eng., Am. Soc. Refrig. Eng., M. C. M. A., Am. Acad. Arts and Sci., Boston Soc. Civil Eng., Honorary Mem. N. A. S. E.; *Professor of Steam Engineering; in charge of the Department of Mechanical Engineering.*—S.B., M. I. T. 1886, II.

Assistant in Mechanical Engineering, 1886-88; Instructor, 1888-92; Assistant Professor in Steam Engineering, 1892-99; Associate Professor, 1899-1906; Professor from 1906; in charge of the Department from 1912.

Author of Steam Boilers (with C. H. Peabody), Waste Heat Engines, Foreign Technical Schools, and a number of articles in engineering papers.

Residence: 538 Ward Street, Newton Center.



ALLYNE L. MERRILL, S.B., Am. Soc. Mech. Eng.; *Professor of Mechanism; Secretary of the Faculty.*—S.B., M. I. T. 1885, II.

Assistant, Massachusetts Institute of Technology, 1885-87; Instructor, 1887-91; Assistant Professor of Mechanism, 1891-99; Associate Professor, 1899-1905; Professor from 1905; Acting Dean, 1905-06; Secretary of the Faculty from 1906.

Author of Elements of Mechanism (with Professor Schwamb).

Residence: Payson Park, Belmont.



LIONEL S. MARKS, B.Sc., M.M.E., Am. Soc. Mech. Eng., Am. Acad. Arts and Sci., Am. Assoc. Adv. Sci.; *Professor of Mechanical Engineering.*—Engineering Diploma, Mason College, Birmingham, England, 1892; B.Sc., London University, 1893; M.M.E., Cornell, 1894; $\Sigma \Xi$.

Instructor and Professor of Mechanical Engineering, Harvard, from 1894.

Author of Steam Tables and Diagrams (with H. N. Davis), and of various contributions to the Am. Soc. of Mech. Engineers, Engineering News, and other engineering periodicals.

Residence: 192 Brattle Street, Cambridge.

CHARLES E. FULLER, S.B., Am. Soc. Mech. Eng.; *Professor of Theoretical and Applied Mechanics.*—S.B., M. I. T. 1892, II.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1892-94; Instructor, 1894-1900; Assistant Professor, 1900-06; Associate Professor, 1906-12; Professor from 1912.

Residence: Wellesley.



WILLIAM A. JOHNSON, S.B., Am. Soc. Mech. Eng., Am. Soc. Theoretical Mechanics, Am. Soc. Pro. Eng. Educ., N. E. A.; *Professor of Theoretical and Applied Mechanics.*—S.B., M. I. T. 1892, II.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1892-94; Instructor, 1894-1900; Assistant Professor, 1900-06; Associate Professor, 1906-12; Professor of Theoretical and Applied Mechanics from 1912.

Author of Applied Mechanics (with Professor C. E. Fuller).

Residence: 35 Hillside Terrace, Belmont.



CHARLES F. PARK, S.B., *Professor of Mechanism; Director of the Mechanical Laboratories; Director of the Lowell Institute School for Industrial Foremen.*—S.B., M. I. T. 1892, II; A T Ω.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1892-94; Instructor, 1894-1900; Assistant Professor, 1900-06; Associate Professor, 1906-12; Professor of Mechanism from 1912.

Residence: 21 Prospect Street, Taunton.



GEORGE B. HAVEN, S.B., Am. Soc. Mech. Eng.; *Professor of Machine Design.*—S.B., M. I. T. 1894, II.

Assistant in Mechanical Engineering Drawing, Massachusetts Institute of Technology, 1894-96; Instructor in Mechanical Engineering Laboratory, 1896-99; Instructor in Machine Design and Mill Engineering, 1899-1905; Assistant Professor of Mechanical Engineering, 1905-10; Associate Professor, 1910-13; Professor of Machine Design from 1913.

Residence: 704 Webster Street, Needham.





JOSEPH C. RILEY, S.B., Am. Soc. Mec. Eng., Boston Eng. Club; *Associate Professor of Heat Engineering*.—S.B., M. I. T. 1898, II.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1898-1901; Instructor, 1901-08; Assistant Professor 1908-1913; Associate Professor since 1913.

Residence: 77 Rockview Street, Jamaica Plain.



CHARLES W. BERRY, S.B., *Associate Professor of Heat Engineering*.—S.B., M. I. T. 1895, VI.

Student, Göttingen, 1895-98; Swett Fellow, Göttingen, 1895-97; Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1899-1900; Instructor, 1900-08; Assistant Professor, 1908-12; Associate Professor from 1912.

Author of *Explosive Mixtures at Atmospheric Pressure*, *The Principles of Human Equality*, *Measurement of Air with an Orifice*, *The Temperature Entropy Diagram* (three editions), (joint author) *Problems in Thermodynamics and Heat Engineering*.

Residence: 952 Broadway, West Somerville.



HARRISON W. HAYWARD, S.B., Am. Assoc. Test. Mat., Am. Soc. Civil Eng., Nat. Assoc. Cement Users, Soc. Pro. Eng. Educ.; *Associate Professor of Theoretical and Applied Mechanics*.—S.B., M. I. T. 1896, X.

Assistant in Industrial Chemistry, Massachusetts Institute of Technology, 1896-98; Draughtsman, Universal Loom Works, 1899-1900; Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1900-02; Instructor, 1902-07; Assistant Professor of Theoretical and Applied Mechanics, 1907-12; Associate Professor from 1912.

Residence: 26 Everett Street, Newton Center.



ARTHUR E. NORTON, Ph.B., Am. Soc. Mech. Eng., Am. Soc. Pro. Eng. Educ.; *Assistant Professor of Engineering Drawing*.—Ph.B., Brown. 1900; Harvard, M. I. T.; $\Phi \Delta \Theta$, $\Phi B K$, $\Sigma \Xi$.

Consulting engineer in field of heating and power plants; Member of Teaching Staff of Harvard Engineering School from 1901; Assistant Professor of Engineering Drawing, Massachusetts Institute of Technology, from 1914.

Residence: 39 Centre Avenue, Belmont.

THEODORE H. TAFT, S.B., Am. Soc. Mech. Eng.; *Assistant Professor of Mechanical Engineering.*—S.B., M. I. T. 1902, II.

Draughtsman, Improved Paper Machinery Co., Nashua, N.H.; with W. O. Webber, Consulting Engineer, Boston, 1902-03; Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1903-05; Instructor, 1905-10; Assistant Professor from 1910.

Residence: 1 Avon Place, Cambridge.



WALTER H. JAMES, S.B., *Assistant Professor of Mechanical Engineering Drawing.*—S.B., M. I. T. 1896, II.

Draughtsman, Waltham Bleachery and Dye Works, 1896-1900; Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1900-03; Instructor, 1903-12; Assistant Professor of Mechanical Engineering Drawing from 1912.

Residence: Portsmouth, N.H.



LAWRENCE S. SMITH, S.B., Am. Soc. Test. Mat.; *Assistant Professor of Theoretical and Applied Mechanics.*—S.B., M. I. T. 1900, II.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1900-03; Instructor, 1903-12; Assistant Professor of Theoretical and Applied Mechanics from 1912.

Author of *Stresses in Reinforced-Concrete Beams* (with Professor Emeritus G. Lanza).

Residence: 25 Fisher Avenue, Newton Highlands.



GEORGE W. SWETT, S.B., Soc. Pro. Eng. Educ., Am. Soc. Test. Mat.; *Assistant Professor of Machine Design.*—S.B., M. I. T. 1913, II.

Draughtsman, Fitchburg Machine Works, 1903; Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1903-05; Instructor, 1905-14; Assistant Professor of Machine Design from 1914.

Residence: 11 Henry Avenue, Melrose Highlands.



COURSE III

DEPARTMENT OF MINING AND METALLURGY



HEINRICH O. HOFMAN, E.M., Met.E., Ph.D., Am. Inst. Mining Eng., Mining and Metallurgical Soc. of Am., Am. Inst. of Metals, English Inst. of Metals, Australian Inst. Mining Eng., German Mining and Metallurgical Soc.; *Professor of Metallurgy; Acting Head of the Department of Mining and Metallurgy.*—E.M., Met.E., Prussian School of Mines, 1877; Ph.D., Ohio University, 1889.

Practising Metallurgist, 1877-87; Private Assistant to Professor R. H. Richards and Lecturer on Metallurgy, Massachusetts Institute of Technology, 1887-88; Assistant Professor of Mining and Metallurgy, 1889-91; Associate Professor, 1891-98; Professor of Metallurgy from 1898; Acting Head of the Department from 1914.

Author of several books on Metallurgy.

Residence: 88 Robinwood Avenue, Jamaica Plain.



HENRY L. SMYTH, A.B., C.E., Am. Acad. Arts and Sci., Am. Mining and Metallurgical Soc., Am. Inst. Mining Eng., Lake Superior Mining Inst.; *Professor of Mining and Metallurgy.*—A.B., Harvard, 1883; C.E., 1885; Δ K E, Z Ψ .

Instructor in Mining and Metallurgy, Harvard, 1893-95; Assistant Professor, 1895-1900; Professor from 1900; Professor of Mining and Metallurgy, Massachusetts Institute of Technology, from 1914.

Author of *Magnetic Observations in Geological Mapping, Magnetic Observations in Geological and Economic Work, The Marquette Iron-bearing District of Michigan, The Crystal Falls Iron-bearing District of Michigan, Notes on the Practice in Mining, The Cost of Mining* (with J. R. Finlay).

Residence: Belmont Street, Watertown.



ALBERT SAUVEUR, S.B., Am. Acad. Arts and Sci., Nat. Inst. Social Sci., Am. Inst. Mining Eng., Iron and Steel Inst. (England), Internat. Assoc. Test. Mat., Am. Soc. Test. Mat., English Inst. Metals; *Professor of Metallurgy and Metallography.*—S.B., M. I. T. 1889; Officer d'Académie (French Government, 1909); Elliot Cresson Gold Medal, Franklin Institute, 1913.

Chemist and Metallurgist, various iron and steel companies, 1889-97; Manager and Proprietor, Boston Testing Laboratories, 1897-1905; Editor, *The Metallographist*, 1898-1903; Editor, *Iron and Steel Magazine*, 1906; Lecturer on Metallography, Massachusetts Institute of Technology, 1898-1903; Instructor in Metallurgy, Harvard, 1899-1900; Assistant Professor of Metallurgy and Metallography, 1900-05; Professor from 1905.

Author of *The Metallography of Iron and Steel, Laboratory Experiments in Metallurgy* (with H. M. Boylston), and over 100 papers dealing chiefly with the metallurgy and metallography of iron and steel; Senior Member of firm: Sauveur & Boylston, Metallurgical Engineers, Cambridge, from 1909.

Residence: 20 Elmwood Avenue, Cambridge.

EDWARD D. PETERS, M.D., Dr.-Ing., Am. Inst. Mining Eng., Am. Acad. Arts and Sci., Am. Assoc. Adv. Sci.; *Gordon McKay Professor of Metallurgy*.—M.D., Harvard, 1877; Dr.-Ing. (Hon.), Royal School of Mines, Freiberg, 1913.

Territorial Assayer of Colorado, 1871-73; Professor of Metallurgy, Harvard, from 1904.

Author of *Modern Copper Smelting*, *Principles of Copper Smelting*, and of *Practice of Copper Smelting*.

Residence: 38 Percival Street, Dorchester.



GEORGE S. RAYMER, A.B., M.E., Am. Inst. Mining Eng., Col. Sci. Soc.; *Assistant Professor of Mining*.—A.B., Harvard, 1878; M.E., Columbia, 1881.

Practising Mining Engineer, 1881-99; Instructor in Mining, Harvard, 1899-1904; Assistant Professor from 1904; Assistant Professor of Mining, Massachusetts Institute of Technology, from 1914.

Residence: 51 Brattle Street, Cambridge.



CHARLES H. WHITE, S.B., A.M., Am. Inst. Mining Eng., Am. Chem. Soc.; *Assistant Professor of Mining and Metallurgy*.—S.B., University of North Carolina, 1894; S.B., Harvard, 1897; A.M., 1900; $\Phi B K$.

Instructor in Mining and Metallurgy, Harvard, 1899-1905; Assistant Professor from 1905; Assistant Professor of Mining and Metallurgy, Massachusetts Institute of Technology, from 1914.

Author of *Methods in Metallurgical Analysis* and of various scientific papers.

Residence: 1006 Beacon Street, Brookline.



CHARLES E. LOCKE, S.B., *Assistant Professor of Mining Engineering and Metallurgy*.—S.B., M. I. T. 1896, III.

Mine Surveyor near Rock Springs, Wyoming, 1896-97; Private Assistant to Professor R. H. Richards, 1897-1901; Instructor in Mining Engineering and Metallurgy, Massachusetts Institute of Technology, 1901-06; Assistant Professor from 1906.

Residence: 22 Blagden Street.





EDWARD E. BUGBEE, S.B., Am. Inst. Mining Eng.; *Assistant Professor of Mining Engineering and Metallurgy*.—S.B., University of Washington; S.B., M. I. T. 1900, II.; Σ Ξ, Β Θ Π.

Assistant in Mining Engineering and Metallurgy, Massachusetts Institute of Technology, 1901-02; Special Agent U. S. Census (Mining), 1903; Assistant Professor of Mining Engineering and Metallurgy, Iowa State College, 1903-06; Assistant Professor of Assaying and Metallurgy, University of Washington, 1906-07; Assistant Professor of Mining Engineering and Metallurgy, Massachusetts Institute of Technology, from 1907; Assistant Geologist, U. S. Geological Survey, from 1907.

Author of Notes on Fire Assaying.

Residence: 110 Strathmore Road, Brookline.



CARLE R. HAYWARD, S.B., *Assistant Professor of Mining Engineering and Metallurgy*.—S.B., M. I. T. 1904.

Teacher of Science, Bellows Free Academy, Fairfax, Vt., 1904-06; Instructor of Mining Engineering and Metallurgy, Massachusetts Institute of Technology, 1906-12; Assistant Professor from 1912.

Translator of Borchers' "Huttenwesen"; author of several papers in the Transactions of the American Institute of Mining Engineers; abstractor for the American Chemical Society.

Residence: 233 Goffe Street, Quincy.

COURSE IV

DEPARTMENT OF ARCHITECTURE AND ARCHITECTURAL ENGINEERING



RALPH A. CRAM, Litt.D., Am. Inst. Arch., Nat. Acad., Royal Geog. Soc., N. British Acad. Arts; Hon. Corresponding Mem., Royal Inst. British Arch.; *Professor of Architecture; in charge of the Department of Architecture*.—Litt.D., Princeton, 1910.

Lecturer on Architecture, Harvard, from 1885; Vice-President, American Institute of Architects; Consulting Architect, Cathedral of St. John the Divine, New York; President, Boston Society of Architects; Supervising Architect, Princeton; Chairman, Boston City Planning Board; Professor of Architecture, Massachusetts Institute of Technology, from 1914.

Author of Church Building, The Ruined Abbeys of Great Britain, Impressions of Japanese Architecture and Allied Arts, the Gothic Quest, The Ministry of Art; Editor, Mont St. Michel and Chartres by Henry Adams.

Residence: 52 Chestnut Street.

WILLIAM H. LAWRENCE, S.B., *Professor of Architectural Engineering.*—S.B., M. I. T. 1891, IV.

Instructor in Architecture, Massachusetts Institute of Technology, 1891-96; Assistant Professor, 1896-1901; Associate Professor, 1901; Professor from 1909.

Author of *Elements of Shades and Shadows, Principles of Perspective.*

Residence: 34 Sumner Street, Dorchester.



JOHN O. SUMNER, A.B., *Professor of History.*—A.B., Harvard, 1887.

Instructor, Massachusetts Institute of Technology, 1894; Assistant Professor from 1897; Associate Professor, 1903-07; Professor from 1907.

Residence: 225 Marlborough Street.



HARRY W. GARDINER, S.B., *Associate Professor of Architecture.*—S.B., M. I. T. 1894, IV.

Instructor in Architecture, Massachusetts Institute of Technology, 1896-1903; Assistant Professor, 1903-09; Associate Professor from 1909.

Author of the *Shade and Shadow Notes for the American School of Correspondence.*

Residence: 26 Walnut Place, Newtonville.



W. EELTON BROWN, *Assistant Professor of Freehand Drawing.*—Élève Delauncy and Gustave Moreau.

Student in Paris four years: at the Académie Julien under Doucet; at the École des Beaux-Arts under Élève Delauncy, Gustave Moreau, and Duval; Assistant in Freehand Drawing, Massachusetts Institute of Technology, 1894-95; Instructor, 1895-1911; Assistant Professor from 1911.

Residence: 35 Glenwood Street, Roxbury.





EDGAR I. WILLIAMS, S.M., *Assistant Professor of Architecture.*—S.B., M. I. T. 1908; S.M., M. I. T. 1909.

Fellow of the American Academy in Rome, 1909; Instructor in Architecture, Massachusetts Institute of Technology, 1912; Assistant Professor from 1912.

Residence: 48 Massachusetts Avenue, Cambridge.

COURSES V AND X

DEPARTMENT OF CHEMISTRY AND CHEMICAL ENGINEERING

HENRY P. TALBOT, Ph.D., Am. Acad. Arts and Sci., Am. Assoc. Adv. Sci., Am. Chem. Soc., Am. Electro-chem. Soc., Am. Soc. Test. Mat., Soc. Pro. Eng. Educ., Franklin Inst.; *Professor of Inorganic Chemistry; in charge of the Department of Chemistry and Chemical Engineering.*—S.B., M. I. T. 1895, V.; Ph.D., Leipzig, 1890.



Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1885-87; Instructor, 1887-88 and 1890-92; Assistant Professor, 1892-95; Associate Professor, 1895-98; Professor, 1898-1902; Professor of Inorganic and Analytic Chemistry, 1902-12; Professor of Inorganic Chemistry from 1912.

Author of *An Elementary Course of Quantitative Analysis*, *The Electrolytic Dissociation Theory* (with Professor A. A. Blanchard), and numerous papers on chemical or educational topics in current journals.

Residence: 273 Otis Street, West Newton.

ARTHUR A. NOYES, Ph.D., LL.D., Sc.D.; *Professor of Theoretical Chemistry; Director of the Research Laboratory of Physical Chemistry.*—S.B., M. I. T. 1886, V.; S.M., M. I. T. 1887; Ph.D., Leipzig, 1890; Sc.D., Harvard, 1909; Sc.D., Yale, 1913; LL.D., Maine, 1908; LL.D., Clark, 1909.



Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1887-88; Instructor, 1890-94; Assistant Professor of Organic Chemistry, 1894-97; Associate Professor, 1897-99; Professor of Theoretical Chemistry from 1899; Director of the Research Laboratory of Physical Chemistry from 1903; Acting President, 1907-09.

Residence: 97 Hemenway Street.

WILLIAM H. WALKER, Ph.D., *Professor of Chemical Engineering; Director of the Research Laboratory of Applied Chemistry; Head of the Course in Chemical Engineering.*—S.B., Penn. State, 1890; Ph.D., Göttingen, 1892.

Instructor in Chemistry, Pennsylvania State College, 1892-94; Instructor, Massachusetts Institute of Technology, 1894-1900; Associate Professor, 1902-05; Professor of Chemical Engineering from 1905. Member of firm: Little & Walker, Chemical Experts and Engineers, 1900-05.

Author of numerous scientific papers.

Residence: 226 Bay State Road.



HENRY FAY, Ph.D., *Professor of Analytical Chemistry.*—A.B., Lafayette, 1889; Ph.D., Johns Hopkins, 1895.

Instructor in Analytical Chemistry, Massachusetts Institute of Technology, 1895-1900; Assistant Professor, 1900-05; Associate Professor, 1905-07; Professor from 1907.

Author of papers on Metallography, Properties of Steel Rails, and Analytical Chemistry.

Residence: 11 Worthington Road, Brookline.



AUGUSTUS H. GILL, Ph.D., *Professor of Technical Chemical Analysis.*—S.B., M. I. T. 1884, V.; Ph.D., Leipzig, 1890.

Assistant in General and Sanitary Chemistry, Massachusetts Institute of Technology, 1884-86; Instructor, 1886-87; Instructor in Gas Analysis, 1890-94; Assistant Professor, 1894-1903; Assistant Professor of Technical Analysis, 1903-06; Associate Professor, 1906-09; Professor from 1909.

Author of Gas and Fuel Analysis for Engineers, A Short Handbook of Oil Analysis, Engine Room Chemistry, and numerous papers in scientific periodicals; Editor of a Register of Publications of the Institute (1862-93).

Residence: 1334 Washington Street, Canton.



F. JEWETT MOORE, Ph.D., *Professor of Organic Chemistry.*—B.A., Amherst, 1889; Ph.D., Heidelberg, 1893; X Φ.

Assistant in Chemistry, Amherst, 1889-90; Instructor in General Chemistry, Cornell, 1893-94; Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1894-95; Instructor, 1895-1902; Assistant Professor, 1902-04; Assistant Professor of Organic Chemistry, 1904-10; Associate Professor, 1910-12; Professor from 1912.

Author of Outlines of Organic Chemistry, Experiments in Organic Chemistry, and various papers in scientific journals.

Residence: 29 Commonwealth Avenue.





WARREN K. LEWIS, Ph.D., *Professor of Chemical Engineering.*—S.B., M. I. T. 1905, X.; Ph.D., Breslau, 1908.

Assistant in Industrial Chemistry, Massachusetts Institute of Technology, 1905-06; Swett Fellow at Breslau, 1906-08; Research Assistant in Applied Chemistry, 1908-09; Chemist, W. H. McElwain Co., 1909-10; Assistant Professor of Chemical Engineering, Massachusetts Institute of Technology, 1910-12; Associate Professor, 1912-13; Professor from 1913.

Author of various scientific papers.

Residence: 85 Lombard Street, Newton.



WILLIS R. WHITNEY, Ph.D., Am. Chem. Soc., Am. Electro-chem. Soc., Am. Inst. Elec. Eng., Am. Inst. Mining Eng., Am. Soc. Test. Mat., Am. Assoc. Adv. Sci., Am. Acad. Arts and Sci., Am. Phy. Soc., British Inst. Metals; *Non-resident Professor of Chemical Research.*—S.B., M. I. T. 1890; Ph.D., Leipzig, 1895.

Assistant in Sanitary Chemistry, Massachusetts Institute of Technology, 1890-92; Instructor, 1892-94; Instructor in Theoretical Chemistry and Prox. Analysis, 1894-1901; Assistant Professor of Theoretical Chemistry, 1901-04; Non-resident Associate Professor of Theoretical Chemistry, 1904-08; Non-resident Professor of Chemical Research from 1908.

Author of Chemistry of Light, Vacua, Solubility Determinations, Colloids.

Residence: Schenectady, N.Y.



SAMUEL P. MULLIKEN, Ph.D., *Associate Professor of Organic Chemical Research.*—S.B., M. I. T. 1887, V.; Ph.D., Leipzig, 1890.

Assistant in Chemistry, University of Cincinnati, 1887-88; Associate in Chemistry, Bryn Mawr, 1891-92; Instructor in charge of the Department of Chemistry, Clark, 1892-94; Instructor in Organic Chemistry, Massachusetts Institute of Technology, 1895-1905; Assistant Professor of Organic Chemistry, 1905-13; Associate Professor of Organic Chemical Research from 1913.

Residence: 6 Harris Street, Newburyport.



MILES S. SHERRILL, Ph.D., *Associate Professor of Theoretical Chemistry.*—S.B., M. I. T. 1899, V.; Ph.D., Breslau, 1903.

Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1899-1900; Austin Fellow at Leipzig and Breslau, 1900-02; Instructor in Theoretical and Analytical Chemistry, Massachusetts Institute of Technology, 1903-07; Assistant Professor of Theoretical Chemistry, 1907-13; Associate Professor from 1913.

Author of several papers on Chemistry published in various scientific journals.

Residence: 83 Longwood Avenue, Brookline.

ALPHEUS G. WOODMAN, S.B., Am. Chem. Soc., Am. Assoc. Adv. Sci., Assoc. Official Agri. Chem.; *Associate Professor of Food Analysis*.—S.B., M. I. T. 1897, V.

Assistant in Sanitary Chemistry, Massachusetts Institute of Technology, 1897-1900; Instructor, 1900-09; Assistant Professor of Food Analysis, 1909-13; Associate Professor from 1913.

Author of *Air, Water, and Food from a Sanitary Standpoint* (with Professor John Norton), and various papers on the analysis of food and water in scientific journals.

Residence: 367 School Street, Watertown.



ARTHUR A. BLANCHARD, Ph.D., *Associate Professor of Inorganic Chemistry*.—S.B., M. I. T. 1898, V.; Ph.D., Leipzig, 1902.

Private Assistant to Professor A. A. Noyes and Assistant in Theoretical Chemistry, Massachusetts Institute of Technology, 1898-1900; Student at Leipzig, 1900-02; Instructor in Chemistry and Physics, New Hampshire, 1902-03; Instructor in Inorganic Chemistry, Massachusetts Institute of Technology, 1903-08; Assistant Professor, 1908-14; Associate Professor from 1914.

Author of *Electrolytic Dissociation* (with Professor H. P. Talbot), *Synthetic Inorganic Chemistry*, and *Foundations of Chemistry* (with F. B. Wade).

Residence: 72 Crescent Avenue, Newton Center.



FRANK H. THORP, Ph.D., *Assistant Professor of Industrial Chemistry*.—S.B., M. I. T. 1889, V.; Ph.D., Heidelberg, 1893.

Assistant in Industrial Chemistry, Massachusetts Institute of Technology, 1889-91; Instructor, 1894-1900; Assistant Professor from 1900.

Author of *Ueber die Oxime der Substituierten Benzophenone* (1893), *Inorganic Chemical Preparations*, second edition (1906), *Outlines of Industrial Chemistry*, second edition (1907).

Residence: 200 Mt. Vernon Street, West Roxbury.



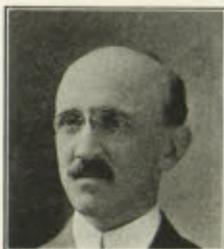
ELLWOOD B. SPEAR, Ph.D., *Assistant Professor of Inorganic Chemistry*.—B.A., Univ. of Manitoba, 1899; Ph.D., Heidelberg, 1906.

Student, University of Toronto, 1899-1902; Heidelberg and Leipzig, 1904-06; Assistant in Research Laboratory of Physical Chemistry, Massachusetts Institute of Technology, 1906-07; Instructor in Qualitative Analysis, 1907-08; Instructor in Inorganic Chemistry, 1908-10; Assistant Professor from 1910.

Author of several papers on chemical subjects.

Residence: 27 Walker Street, Cambridge.





WILLIAM T. HALL, S.B., *Assistant Professor of Analytical Chemistry.*—S.B., M. I. T. 1895, V.; Σ A E.

Assistant in Chemistry, Massachusetts Institute of Technology, 1898–1900; Instructor, 1900–11; Assistant Professor of Analytical Chemistry from 1911.

Author of several translations from the German.

Residence: 37 Pomfret Street, West Roxbury.



ROBERT S. WILLIAMS, Ph.D., *Assistant Professor of Analytical Chemistry.*—S.B., M. I. T. 1902, V.; Ph.D., Göttingen, 1907.

Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1902–05; Austin Fellow at Göttingen, 1905–07; Instructor in Analytical Chemistry, Massachusetts Institute of Technology, 1907–11; Assistant Professor from 1911.

Author of papers on Metallography.

Residence: 158 Magazine Street, Cambridge.



EDWARD MUELLER, Ph.D., *Assistant Professor of Inorganic Chemistry.*—S.B., Purdue, 1902; A.M., 1905, Ph.D., Harvard, 1907; Heidelberg, 1908; T B II.

Assistant in Chemistry, Harvard, 1905–07; Instructor, Washington University Medical School (St. Louis), 1907–10; Instructor, Tufts, 1910–11; Instructor, Massachusetts Institute of Technology, 1911–13; Assistant Professor of Inorganic Chemistry from 1913.

Author of several scientific papers.

Residence: Burton Halls, Dana Street, Cambridge.



JOSEPH W. PHELAN, S.B., Am. Chem. Soc., Am. Leather Chem. Assoc., Internat. Assoc. Leather Traders' Chem.; *Assistant Professor of Inorganic Chemistry.*—S.B., M. I. T. 1894.

Assistant in Chemistry, Massachusetts Institute of Technology, 1894–96; Instructor, 1896–1914; Assistant Professor of Inorganic Chemistry from 1914.

Residence: 60 Brooks Street, West Medford.

JOHN F. NORTON, Ph.D., *Assistant Professor of Chemistry of Sanitation.*—S.B., M. I. T. 1906, V.; Ph.D., University of Chicago, 1911.

Assistant in Organic Chemistry, Massachusetts Institute of Technology, 1906-07; Assistant in Industrial Chemistry, 1907-08; Associate in Chemistry, University High School, Chicago, 1908-10; Assistant in Bacteriology, 1910-11; Instructor in Chemistry of Sanitation, Massachusetts Institute of Technology, 1911-14; Assistant Professor from 1914.

Author of *Air, Water, and Food* (with Professor A. G. Woodman).

Residence: 25 Groveland Street, Auburndale.



COURSE VI

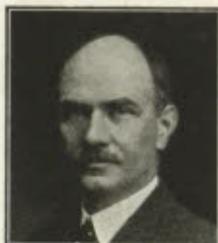
DEPARTMENT OF ELECTRICAL ENGINEERING

DOUGALD C. JACKSON, C.E., Am. Inst. Elec. Eng., Soc. Pro. Eng. Educ., Am. Soc. Elec. Eng., Am. Soc. Mech. Eng., British Inst. Elec. Eng., Société Internationale des Électriciens; *Professor of Electrical Engineering; in charge of the Department.*—S.B., Penn. State, 1885; C.E.; $\Phi K \Sigma$, $\Sigma \Xi$, T B II.

Professor of Electrical Engineering and Head of the Department, Wisconsin, 1891-1906; Professor of Electrical Engineering and Head of the Department, Massachusetts Institute of Technology, from 1906.

Past President of the American Institute of Electrical Engineers, and of the Society for the Promotion of Engineering Education.

Residence: 1223 Beacon Street, Brookline.



ARTHUR E. KENNELLY, S.D., A.M., Am. Inst. Elec. Eng., Ill. Eng. Soc., Inst. Radio Eng., British Assoc. Adv. Sci., Am. Math. Soc., Am. Phy. Soc., Royal Astronomical Soc. Gr. Britain, Astronomical Soc. Pacific, Franklin Inst., Am. Phil. Soc., Am. Acad. Arts and Sci.; *Professor of Electrical Engineering.*—S.D., Pittsburg, 1896; A.M., Harvard, 1906.

Late Principal Electrical Assistant to Thomas A. Edison; Construction Electrical Engineer, Houston & Kennelly, Phila., 1894-1902; Engineer in Charge, laying Mexican Gov't Mex. Gulf Cables, 1902; President, Am. Inst. Elec. Eng., 1898-1900; General Secretary and U. S. Delegate, Internat. Elec. Congress, St. Louis, 1904; Electrical Juror, Expositions—at Philadelphia, 1898, at Buffalo, 1901, at St. Louis, 1904; Professor of Electrical Engineering, Massachusetts Institute of Technology, from 1914.

Author of *Wireless Telegraphy*, *The Interpretations of Mathematical Formule*, and of numerous articles, monographs, and papers in technical and popular publications.

Residence: 1 Kennedy Road, Cambridge.





HARRY E. CLIFFORD, S.B., Am. Acad. Arts and Sci., Am. Inst. Elec. Eng., Nat. Elec. Light Assoc., Ill. Eng. Soc., N. E. St. Ry. Assoc., Am. Asso. Adv. Sci.; *Gordon McKay Professor of Electrical Engineering*.—S.B., M. I. T. 1886, VI.; $\Theta \Xi$.

Assistant in Physics, Massachusetts Institute of Technology, 1886-88; Instructor in Theoretical Physics, 1888-95; Assistant Professor, 1895-1902; Associate Professor of Theoretical Electricity, 1902-04; Professor of Theoretical and Applied Electricity, 1904-09; Gordon McKay Professor of Electrical Engineering.—Harvard from 1909, and Massachusetts Institute of Technology, from 1914.

Contributor to the technical press, both in this country and abroad, to the Proceedings of engineering and scientific societies; author of section on "Power Transmission," Standard Handbook for Electrical Engineers; Editor of the Engineering Series for the McGraw-Hill Company of New York.

Residence: 942 Beacon Street, Newton Center.



COMFORT A. ADAMS, S.B., E.E., Am. Acad. Arts and Sci., Am. Soc., Adv. Sci., Am. Phy. Soc., Am. Inst. Elec. Eng., British Inst. Elec. Eng., Nat. Elec. Light Assoc., Ill. Eng. Soc., Soc. Pro. Eng. Educ., Σ X. Research Soc., Boston Ec. Club, N. Y. Eng. Club; *Abbott and James Lawrence Professor of Engineering*.—S.B., Case, 1890; E.E., 1905; Φ K Ψ .

Assistant in Physics, Case School of Applied Science, 1886-90; Engineer, Brown Hoisting & Conveying Machine Co., 1890; Designing Engineer, Brush Electric Company, 1890-91; Instructor in Electrical Engineering, Harvard, 1891-96; Assistant Professor, 1896-1906; Professor from 1906; Abbott and James Lawrence Professor of Engineering, Massachusetts Institute of Technology, from 1914; Consulting Engineer—American Tool & Machine Co., from 1904; Warner Sugar Refining Co., from 1909; Stone & Webster; Brookline Gas Light Co.; Simplex Cable & Wire Co.; Edison Illuminating Co. of Boston.

Author of papers on Alternator Regulation, the Heyland Compensated Induction Motor, the Induction Motor, Induction Motor Design, Leakage Reactance of Induction Motors, Fractional Pitch Windings for Induction Motors and Alternators, the Synchronous Motor, the E. M. F. Wave Shape of Alternators, the Split Pole Converter, Commutation of D. C. Machines.

Residence: 13 Farrar Street, Cambridge.



FRANK A. LAWS, S.B., *Professor of Electrical Engineering*.—S.B., M. I. T. 1889, VI.

Assistant in Physics, Massachusetts Institute of Technology, 1889-91; Instructor, 1891-93; Instructor in Electrical Measurements, 1893-97; Assistant Professor, 1897-1902; Assistant Professor of Electrical Testing, 1902-06; Associate Professor, 1906-13; Professor of Electrical Engineering from 1913.

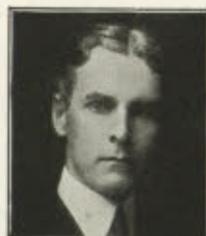
Author of a number of papers on Electrical Measurements.

Residence: 124½ Federal Street, Salem.

RALPH R. LAWRENCE, S.B., *Associate Professor of Electrical Engineering.*
—S.B., M. I. T. 1895, VI.

Assistant in Physics, Massachusetts Institute of Technology, 1896-98; Instructor, 1898-1901; Instructor in Electrical Engineering, 1901-04; Assistant Professor, 1904-06; Associate Professor from 1906.

Residence: 34 Sumner Street, Dorchester.



HARRISON W. SMITH, A.B., S.B., *Associate Professor of Electrical Engineering.*—A.B., Harvard, 1895; S.B., M. I. T. 1897, II.; Δ T.

Assistant in Physics, Massachusetts Institute of Technology, 1898-1901; Instructor in Electrical Engineering, 1901-05; Assistant Professor, 1905-07; Associate Professor from 1907, Absent, 1914-15.

Member of Massachusetts Institute of Technology Eclipse Expedition to Georgia in 1900 and to Sumatra in 1901.

Residence: 188 Woodland Road, Auburndale.



WILLIAM E. WICKENDEN, B.S., Am. Inst. Elec. Eng., Illuminating Eng. Soc., Nat. Elec. Light Assoc.; *Assistant Professor of Electrical Engineering.*—B. S., Denison, 1904; Σ X, Φ B K, Σ Ξ.

Instructor in Applied Electricity, Rochester (N.Y.), Mechanics Institute, 1904-05; Assistant in Physics, Wisconsin, 1905-06; Instructor in Electrical Engineering, 1906-09; Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, from 1909.

Residence: 15 Kirk Street, West Roxbury.



CHARLES W. GREEN, B.S., Am. Inst. Elec. Eng., Soc. Pro. Eng. Educ.; *Assistant Professor of Electrical Engineering.*—B.S., Wisconsin, 1907; T B II.

Assistant and Instructor in Electrical Engineering, Massachusetts Institute of Technology; Assistant Professor from 1914.

Residence: Clifton.



COURSE VII

DEPARTMENT OF BIOLOGY AND PUBLIC HEALTH



WILLIAM T. SEDGWICK, Ph.D., Sc.D., Berzelius Society, Am. Soc. Naturalists, Soc. Am. Bact., N. E. W. Works Assoc., Mass. Civil Ser. Reform Assoc.; *Professor of Biology and Public Health; in charge of the Department; Director of the Sanitary Research Laboratory and Sewage Experiment Station.*—Ph.B., Yale, 1877; 'Ph.D., Johns Hopkins, 1881; Sc.D. (Hon.), Yale, 1909.

Instructor in Physiological Chemistry, Yale (Sheffield Sci. School, 1878-79; Fellow, Assistant, and Associate in Biology, Johns Hopkins, 1879-83; Assistant Professor, Associate Professor, and Professor in Biology, Massachusetts Institute of Technology, since 1883.

Biologist, State Board of Health of Massachusetts, 1888-96; Curator, Lowell Inst., Boston, since 1897; Past President, Am. Soc. Naturalists, Soc. Am. Bacteriologists, N. E. Water Works Assoc., Mass. Civil Service Reform Assoc., etc.; Member, Advisory Board, Hygienic Laboratory, U. S. Public Health and Marine Hospital Service, since 1902.

Residence: 29 Commonwealth Avenue.



SAMUEL C. PRESCOTT, S.B., Am. Soc. Adv. Sci., Am. Acad. Arts and Sci., Am. Chem. Soc., Soc. Chem. Ind., Internat. Assoc. Refrig., Am. Soc. Naturalists, Soc. Am. Bact., Assoc. Bo. Health, Boston Bact. Club; *Professor of Industrial Microbiology.*—S.B., M. I. T. 1894, V.

Private Assistant to Professor Sedgwick, 1894-95; Assistant in Biology, Massachusetts Institute of Technology, 1895-96; Instructor, 1896-1903; Assistant Professor of Industrial Biology, 1903-09; Associate Professor, 1909-14; Professor of Industrial Microbiology from 1914; Vice-President, Soc. Am. Bact., 1903-04; Director, Boston Bio-chemical Laboratory.

Chief author of *Science and Experiment in Canning*, *Elements of Water Bacteriology* (with C. E. A. Winslow), and other works.

Residence: 79 Cypress Street, Brookline.



SELSKAR M. GUNN, S.B., *Associate Professor of Sanitary Biology and Public Health.*—S.B., M. I. T. 1905, VII.; N. E. N.

Bacteriologist, Boston Bio-Chemical Laboratory, 1905-06; Bacteriologist, Iowa State Board of Health, and Lecturer on Hygiene, Medical School, Iowa State University, 1906-08; Health Officer, Orange, N.J., 1908-10; Instructor in Sanitary Biology, Massachusetts Institute of Technology, 1910-11; Assistant Professor, 1911-14; Associate Professor from 1914; Sanitary Expert to Bureau of Economy and Efficiency, Milwaukee, 1911; Assistant Professor of Biology, Simmons College, from 1912; Lecturer in Hygiene, Tufts Medical, from 1911; Assistant Secretary-General, XV. International Congress on Hygiene and Demography, 1912; Managing Editor, *American Journal of Public Health*, from 1912.

Author of various papers on Public Health.

Residence: 16 Irving Street, Watertown.

SIMON C. KEITH, Jr., S.B., *Assistant Professor of Research in Biology.*
—S.B., M. I. T. 1893, VII.

Assistant in Biology, Massachusetts Institute of Technology, 1893-94; Instructor, 1895-1907; Assistant Professor from 1907; Absent—in China, 1913-14.

Residence: 138 Lancaster Terrace, Brookline.



ROBERT P. BIGELOW, Ph.D., Am. Acad. Arts and Sci., Am. Asso. Adv. Sci., Assoc. Am. Anatomists, Am. Soc. Naturalists, Am. Soc. Zoölogists; *Assistant Professor of Zoölogy and Parasitology.*—S.B. Harvard, 1887; Ph.D., Johns Hopkins, 1892, B & II.

Fellow, 1890-91, and Adams T. Bruce Fellow, 1891-93, Johns Hopkins; Director of the Johns Hopkins Zoölogical Expedition to Jamaica, 1893; Instructor in Biology, Massachusetts Institute of Technology, 1893-1912; Librarian from 1895; Secretary of the Society of Arts, 1895-98; Assistant Professor of Zoölogy and Parasitology from 1912.

Editor of the Technology Quarterly, 1895-1908; Editor of the American Naturalist, 1897-98; Author of a number of papers on zoölogical and anatomical subjects; Contributor to the Reference Hand Book of the Medical Sciences.

Residence: 11 Park Street, Brookline.



ROBERT S. WESTON, B.S., A.M., Am. Soc. Civil Eng., Canadian Soc. Civil Eng., Am. Chem. Soc., Boston Soc. Civil Eng., Am. Public Health Assoc., Am. Water Works Assoc., N. E. Water Works Assoc., Boston Bact. Club; *Assistant Professor of Public Health Engineering.*—B.S., Amherst, 1891; A.M., 1904; Δ K E.

Author of articles in professional and technical journals, and of reports for municipalities and corporations.

Residence: 81 Griggs Road, Brookline.



COURSES VIII AND XIV

DEPARTMENT OF PHYSICS AND OF ELECTRO-CHEMISTRY



CHARLES R. CROSS, S.B., Am. Acad. Arts and Sci., Chr. Rumford Com., Am. Assoc. Adv. Sci., Chr. Com. Research Funds, Am. Phys. Soc., Astronomical Soc., Am. Inst. Elec. Eng., British Assoc., Appalachian Mt. Club; *Thayer Professor of Physics; in charge of the Department of Physics; Director of the Rogers Laboratory.*—M. I. T. 1870, Sci. and Lit.

Instructor in Physics, Massachusetts Institute of Technology, 1870-71; Assistant Professor, 1871-75; Professor from 1875; in charge of Department of Physics from 1877; in charge of the Course in Electrical Engineering, 1882-1902.

Author of various papers on Acoustics and Electricity.

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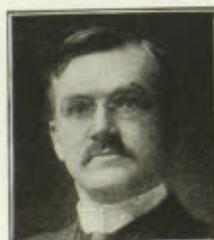


HARRY M. GOODWIN, Ph.D., *Professor of Physics and Electro-chemistry; in charge of the Department of Electro-chemistry.*—S.B., M. I. T. 1890, VIII.; Ph.D., Leipzig, 1893.

Assistant in Physics, Massachusetts Institute of Technology, 1890-92; Instructor, 1892-97; student at Leipzig and Berlin, 1892-94; Assistant Professor of Physics, 1897-1903; Associate Professor, 1903-06; Professor from 1906; in charge of the Department of Electro-chemistry from 1909.

Author of several books on Physical Measurements and numerous scientific papers.

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LOUIS DERR, M.A., S.B., Am. Acad. Arts and Sci., Am. Phy. Soc.; *Professor of Physics.*—B.A., Amherst, 1889; M.A., 1892; S.B., M. I. T. 1892, VI.; Δ T, Φ B K.

Assistant in Physics, Massachusetts Institute of Technology, 1892-93; Instructor, 1893-1900; Assistant Professor, 1900-04; Associate Professor, 1904-09; Professor from 1909; in charge of instruction in Physics, Boston Normal School of Gymnastics, 1894-1908; Instructor in Physics, Boston University, 1895-1905.

Editor of *Cyclopedia of Engineering*; Author of *Notes on Methods of Telegraphy*, *Notes on Dynamo Design*, *Photography for Students of Physics and Chemistry*, and a number of papers in various technical publications.

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CHARLES L. NORTON, S.B., Am. Assoc. Adv. Sci., Am. Acad. Arts and Sci., Am. Soc. Mech. Eng.; *Professor of Heat Measurements*.—S.B., M. I. T. 1893, VI.

Assistant in Physics, Massachusetts Institute of Technology, 1893-95; Instructor, 1895-99; Instructor in Heat Measurements, 1899-1900; Assistant Professor, 1900-05; Associate Professor, 1905-09; Professor from 1909.

Author of papers on Heat Measurement and Fire Protection.

Residence: 39 Chestnut Street.



WILLIAM J. DRISKO, S.B., *Associate Professor of Physics*.—S.B., M. I. T. 1895, VIII.

Assistant in Physics, Massachusetts Institute of Technology, 1895-96; Instructor, 1896-99; Professor of Physics, Colby, 1899-1900; Instructor in Physics, Massachusetts Institute of Technology, 1901-05; Assistant Professor, 1905-09; Associate Professor from 1909.

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MAURICE DEK. THOMPSON, Ph.D., Am. Electro-chem. Soc., Deutsche Bunsen Gesellschaft, Am. Acad. Arts and Sci.; *Associate Professor of Electro-chemistry*.—M. I. T. 1898, VIII.; Δ K E.

Assistant in Physics, Massachusetts Institute of Technology, 1898-1901; Non-resident Instructor in Electro-chemistry, 1901-03; Resident Instructor, 1903-07; Assistant Professor, 1907-13; Associate Professor from 1913.

Author of a text-book on Applied Electro-chemistry and a number of scientific papers.

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DANIEL F. COMSTOCK, Ph.D., Am. Chem. Soc., Am. Electro-chem. Soc., Am. Acad. Arts and Sci., Am. Assoc. Adv. Sci., Am. Phys. Soc.; *Assistant Professor of Theoretical Physics*.—S.B., M. I. T. 1904; Ph.D., Basel, 1906.

Assistant in Physics, Massachusetts Institute of Technology, 1904-05; Non-resident Instructor in Theoretical Physics, 1905-07; Instructor, 1907-10; Assistant Professor from 1910.

Author of *The Relation of Mass to Energy* and a number of other papers.

Residence: 1477 Beacon Street, Brookline.





NEWELL C. PAGE, S.B., *Assistant Professor of Physics*.—M. I. T. 1902, VI.

Assistant in Physics, Massachusetts Institute of Technology, 1902-04; Instructor, 1904-12; Assistant Professor from 1912.

Author of *Physical Laboratory Notes on Electrical Measurements*.

Residence: 28 Maxwell Road, Winchester.

COURSE IX

GENERAL SCIENCE



CHARLES F. A. CURRIER, A.M., *Chairman of the Course of General Science; Professor of History and Political Science; in charge of the Department of History and Political Science*.—A.B., Harvard, 1887; A.M., 1888; Fellow of Harvard University at Berlin and Paris, 1889-91; Φ B K.

Instructor of History and Political Science, Massachusetts Institute of Technology, 1891-93; Assistant Professor of History, 1893-95; Associate Professor, 1895-1901; Professor from 1901.

Residence: 1 Webster Street, Winchester.

COURSE XII

DEPARTMENT OF GEOLOGY



WALDEMAR LINDGREN, M.E., *William Barton Rogers Professor of Economic Geology; in charge of the Department*.—M.E., Freiberg.

Assistant in Transcontinental Survey, 1883; Assayer, Gregory and Anaconda Smelters, Montana, 1884; Assistant Geologist, U. S. Geological Survey, 1884; Geologist, 1895; Chief of Metalliferous Section, 1907; Chief Geologist, 1911; Associate Professor, Leland Stanford, 1898; Lecturer, Massachusetts Institute of Technology, 1908-12; Professor of Economic Geology from 1913.

Residence: 1897 Beacon Street, Brookline.

THOMAS A. JAGGAR, Jr., Ph.D., Am. Acad. Arts and Sci., Boston Soc. Nat. Hist.; *Professor of Geology; Director of the Hawaiian Volcano Observatory.*—A.B., Harvard, 1893; A.M., 1894; Ph.D., 1897.

Assistant in Petrography, Harvard, 1894; Instructor in Geology, 1895; Assistant Professor, 1903; Professor of Geology, Massachusetts Institute of Technology, 1904; Assistant Geologist, U. S. Geological Survey, 1893-1903.

Residence: Volcano House, Hawaii.



LOUIS C. GRATON, S.B., Am. Inst. Mining Eng., Am. Mining and Metallurgical Soc., Wash. Geol. Soc., Wash. Acad. Sci., Am. Acad. Arts and Sci., Am. Geol. Soc.; *Professor of Mining Geology.*—S.B., Cornell, 1900; $\Sigma \Xi$.

Assistant in Chemistry, McGill, 1900-02; Geologist, with exploring expedition Ontario Crownlands Department and Bureau of Mines, 1902-03; Fellow in Geology, Cornell, 1903-04; Member, Geological Staff, U. S. Geological Survey, 1903-09; Secretary, Copper Producers' Association, N.Y., from 1909; Member, Teaching Staff in Geology, Harvard, from 1909; Professor of Mining Geology, Massachusetts Institute of Technology, from 1914.

Author of reports on ore deposits and mining districts, published mainly by the U. S. Geological Survey.

Residence: 10 Buckingham Place, Cambridge.



CHARLES H. WARREN, Ph.D., Am. Geol. Soc., Am. Acad. Arts and Sci.; *Professor of Mineralogy.*—Ph.B., Yale, 1896; Ph.D., 1899; $\Sigma \Xi$.

Assistant in Chemistry, Sheffield Scientific School, 1896-97; Assistant in Mineralogy, 1897-99; Instructor in Mineralogy, 1899-1900; Instructor in Mineralogy, Massachusetts Institute of Technology, 1900-04; Assistant Professor, 1904-09; Associate Professor, 1909-12; Professor since 1912.

Author of various papers on crystallographic, chemico-mineralogical, and petrographic subjects.

Residence: 239 Woodland Road, Auburndale.



HERVEY W. SHIMER, Ph.D., Am. Geol. Soc., Am. Acad. Arts and Sci.; *Associate Professor of Paleontology.*—A.B., Lafayette, 1899; A.M., 1901; Ph.D., Columbia, 1904; $\Sigma \Xi$.

Tutor in Modern Languages, Lafayette, 1899-1901; Assistant in Paleontology, Columbia, 1901-03; Instructor in Stratigraphic Geology, Massachusetts Institute of Technology, 1903-08; Assistant Professor of Paleontology, 1908-12; Associate Professor from 1912; Lecturer on Historic Geology and Physiography, Yale Summer School, 1906.

Residence: 15 Appleton Terrace, Watertown.





FREDERIC H. LAHEE, Ph.D., Am. Assoc. Adv. Sci., Boston Ec. Club; *Assistant Professor of Geology*.—A.B., Harvard, 1907; A.M., 1908; Ph.D., 1911; Φ B K.

Assistant in Geology, Harvard, 1906-08; Head Assistant, 1908-09; Instructor, 1909-12; Instructor, Wellesley, 1911-14; Instructor, Massachusetts Institute of Technology, 1912-14; Assistant Professor from 1914; Geologic Aid, U. S. Geological Survey, from 1912.

Author of an Outline of Lectures in Dynamical Geology and of numerous papers in the Bulletin of the American Geographical Society, the American Journal of Science, and the Journal of Biology.

Residence: 120 Greenville Avenue, Allston.

COURSE XIII

DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING

CECIL H. PEABODY, S.B., *Professor of Naval Architecture and Marine Engineering; in charge of the Department*.—S.B., M. I. T. 1877, II.



Professor of Mathematics and Engineering, Imperial Agricultural College, Japan, 1878-80; Assistant Professor of Mechanical Engineering, University of Illinois, 1881-83; Instructor, Massachusetts Institute of Technology, 1883-84; Assistant Professor of Steam Engineering, 1884-89; Associate Professor, 1889-93; Professor of Naval Architecture and Marine Engineering from 1893.

Author of Thermodynamics of the Steam Engine, Tables of the Properties of Saturated Steam, Valve Gears for Steam Engines, Steam Boilers (with Professor E. F. Miller), Manual of the Steam Engine Indicator, Naval Architecture, Thermodynamics of the Steam Turbine, Steam and Entropy Tables, Propellers, Computations for Marine Engines.

Residence: 293 Commonwealth Avenue.

WILLIAM HOVGAARD, Inst. Naval Arch., Am. Soc. Naval Arch. and Mar. Eng.; *Professor of Naval Design and Construction*.—Naval Academy, Copenhagen, 1879, and Royal Naval College, Greenwich, 1886.



Lieutenant of Danish Navy, 1879-97; Commander from 1897; Member of the Technical Staff of the Copenhagen Navy Yard, 1886-89; Managing Director of the Shipyard of Burmeister & Wains Ship and Engine Company, Copenhagen, 1895-97.

Member of the Board of Trustees of the American Scandinavian Foundation.

Residence: 14 Strathmore Road, Brookline.

HAROLD A. EVERETT, S.B., *Assistant Professor of Naval Architecture.*—S.B., M. I. T. 1902, XIII.

With Fore River Ship and Engine Building Co., 1902-03; with N. Y. Ship Building Company, Scientific Department, 1903-04; Assistant in Naval Architecture, Massachusetts Institute of Technology, 1904-05; Instructor in Marine Engineering, 1905-11; with Wm. Denny & Bros., shipbuilders, Dumbarton, Scotland, 1905; Assistant Professor of Naval Architecture, Massachusetts Institute of Technology, from 1911.

Author of several papers for the Society of Naval Architects and Marine Engineers and for various scientific periodicals; Official Yacht Measurer for Eastern, Boston, Corinthian Yacht Clubs and others.

Residence: Linden Street, Wellesley Hills.



HENRY H. W. KEITH, S.B., Am. Soc. Naval Eng.; *Assistant Professor of Naval Architecture.*—S.B., M. I. T. 1905.

Employee: U. S. Experimental Model Basin, Washington, D.C., 1905-10; Fore River Ship Bldg. Corp., 1910-12; U. S. Navy Yard, Boston, 1914; Department of Naval Architecture, Massachusetts Institute of Technology, 1910-14; Assistant Professor of Naval Architecture, Massachusetts Institute of Technology, from 1914.

Residence: 53 Garden Street, Allston.



COURSE XV

ENGINEERING ADMINISTRATION

DAVIS R. DEWEY, Ph.D., LL.D., Am. Ec. Assoc., Am. Acad. Arts and Sci.; *Chairman of the Course of Engineering Administration; Professor of Economics and Statistics; in charge of the Department of Economics and Statistics.*—A.B., University of Vermont, 1879; Ph.D., Johns Hopkins, 1886; LL.D., University of Vermont, 1910; ΔΨ, ΦΒΚ.

Teacher, Underhill, Vt., 1879-81; Student and Fellow at Johns Hopkins, 1883-86; Instructor in Economics, Massachusetts Institute of Technology, 1887-88; Assistant Professor, 1888-89; Associate Professor, 1889-92; Professor of Economics and Statistics from 1892.

President, Am. Ec. Assoc., 1909; Trustee, Massachusetts Agricultural College, from 1909; Managing Editor, Am. Ec. Review, 1911.

Residence: 2 Berkeley Street, Cambridge.





CARROLL W. DOTEN, A.M., Am. Statistical Assoc., Am. Assoc. Labor Legislation, Am. Ec. Assoc.; *Associate Professor of Economics*.—Ph.D., University of Vermont, 1895; A.M., 1899; A.M., Harvard, 1902; $\Phi \Delta \Theta$, $\Phi \beta \kappa$.

Instructor, University of Vermont, 1895–1903; Secretary, University of Vermont, 1896–1903; Instructor in Economics, Massachusetts Institute of Technology, 1903–05; Assistant Professor, 1905–13; Associate Professor from 1913.

Secretary, Am. Statistical Assoc., from 1906; President, Mass. Branch Am. Assoc. Labor Legislation.

Residence: 58 Garfield Street, Cambridge.

DEPARTMENT OF DRAWING AND DESCRIPTIVE GEOMETRY



ERVIN KENISON, S.B., Soc. Pro. Eng. Educ.; *Associate Professor of Drawing and Descriptive Geometry*.—S.B., M. I. T. 1893.

Assistant in Mechanical Drawing and Descriptive Geometry, Massachusetts Institute of Technology, 1893–95; Instructor, 1895–1908; Assistant Professor, 1908–13; Associate Professor from 1913.

Author of two works on Mechanical Drawing; Lecturer in the Co-operative Engineering School of the Y. M. C. A.

Residence: 45 Parker Street, Lexington.



HARRY C. BRADLEY, S.B., *Assistant Professor of Drawing and Descriptive Geometry*.—S.B., M. I. T. 1891.

Civil and Mill Engineer, 1891–96; Instructor in Drawing and Descriptive Geometry, Massachusetts Institute of Technology, 1897–1908; Assistant Professor from 1908.

Residence: 23 Brookview Street, Dorchester Center.

DEPARTMENT OF ENGLISH

ARLO BATES, A.M., Litt.D., *Professor of English; in charge of the Department.*—Bowdoin, 1876; Α Δ Φ, Φ Β Κ.

Editor of *Broadside*, 1878-79; Editor of *Boston Courier*, 1880-93; Correspondent of *Providence Journal*, *Chicago Tribune*, *Book Buyer*, etc., 1880-83; Professor of English, Massachusetts Institute of Technology, from 1893.

Author of *A Wheel of Fire*, *The Diary of a Saint*, *The Puritans*, *Talks on Writing English*, *Talks on the Study of Literature*, *Sonnets in Shadow*, *Told in the Gate*, *Under the Beech Tree*, etc.

Residence: 4 Otis Place.



HENRY G. PEARSON, A.M., *Associate Professor of English.*—A.B., Harvard, 1893; A.M., 1914; Θ Ξ, Φ Β Κ.

Instructor in English, Massachusetts Institute of Technology, 1893-98; Assistant Professor, 1898-1907; Associate Professor from 1907.

Author of the *Principles of Composition*.

Residence: Dudley Road, Newton Center.



ARCHER T. ROBINSON, A.B., *Associate Professor of English.*—A.B., Harvard, 1896.

Instructor in English, Massachusetts Institute of Technology, 1896-1906; Assistant Professor, 1906-13; Associate Professor from 1913.

Residence: Woodcliff Road, Newton Highlands.

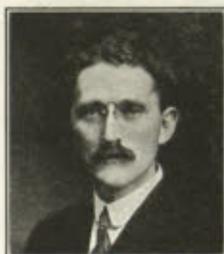


HENRY L. SEAVER, A.M., Soc. Pro. Eng. Educ., N. E. Assoc. Teachers of English, N. E. Assoc. Colleges and Prep. Schools; *Assistant Professor of English.*—A.B., Harvard, 1900; A.M., 1914; Φ Β Κ.

Instructor in English, Massachusetts Institute of Technology, 1901-07; Assistant Professor from 1907.

Member of Organization Committee of *Cosmopolitan Club of Technology*, and of the *Walker Club*.

Residence: Merriam Street, Lexington.



DEPARTMENT OF MATHEMATICS



HARRY W. TYLER, Ph.D., *Walker Professor of Mathematics; in charge of the Department; Chairman of the Faculty.*—S.B., M. I. T. 1884, V.; Ph.D., Erlangen, 1889.

Assistant in Mathematics, Massachusetts Institute of Technology, 1884-86; Instructor, 1886-90; Assistant Professor, 1890-92; Associate Professor, 1892-93; Secretary of the Faculty, 1889-90 and 1891-1906; Professor of Mathematics from 1893.

Residence: 39 Gray Cliff Road, Newton Center.

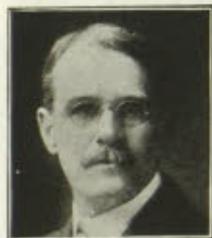


DANA P. BARTLETT, S.B., *Professor of Mathematics.*—S.B., M. I. T. 1886, VI.; University of Munich, 1903-04.

Assistant in Mathematics, Massachusetts Institute of Technology, 1886-87; Assistant in Observatory of Harvard College, 1887; Instructor in Mathematics, Massachusetts Institute of Technology, 1888-91; Assistant Professor, 1891-98; Associate Professor, 1898-1905; Professor from 1905; Acting Secretary of the Institute, 1906-08.

Author of *General Principles of Method of Least Squares.*

Residence: 89 Exeter Street.



FREDERICK S. WOODS, Ph.D., Am. Math. Soc., Am. Assoc. Adv. Sci., *Société Mathématique de France*, Am. Acad. Arts and Sci.; *Professor of Mathematics.*—A.B., Wesleyan, 1885; A.M., 1888; Ph.D., Göttingen, 1894; Ψ T, Φ B K.

Assistant in Physics and Astronomy at Wesleyan, 1885-86; Teacher in Mathematics, Genesee Wesleyan Seminary, 1886-90; Instructor in Mathematics, Massachusetts Institute of Technology, 1890-95; Assistant Professor, 1895-1903; Lecturer, Harvard, 1898-99; Associate Professor, 1903-06; Professor from 1906.

Author of *Plane and Solid Analytic Geometry* (with Professor F. H. Bailey), *A Course in Mathematics* (with Professor F. H. Bailey), *Space of Constant Curvature*, *Forms of Non-Euclidean Space*, *Non-Euclidean Geometry*, etc.

Residence: 123 Sumner Street, Newton Center.

FREDERICK H. BAILEY, A.M., Am. Math. Soc.; *Professor of Mathematics*.—A.B., Harvard, 1887; A.M., Harvard, 1889; Φ B K.

Assistant in Mathematics, Harvard, 1889-91; Instructor in Mathematics, Massachusetts Institute of Technology, 1891-93; Assistant Professor, 1893-1904; Associate Professor, 1904-07; Professor from 1907.

Author of *Plane and Solid Analytic Geometry* (with Professor F. S. Woods), *A Course in Mathematics* (with Professor F. S. Woods).

Residence: 12 Idlewild Street, Allston.



EDWIN B. WILSON, Ph.D., *Professor of Mathematics*.—A.B., Harvard, 1899; Ph.D., Yale, 1901; L'École Normale Supérieure, Collège de France, and La Sorbonne, 1902-03; Σ Z, Φ B K.

Instructor in Mathematics, Yale, 1900-06; Assistant Professor, Yale, 1906-07; Associate Professor of Mathematics, Massachusetts Institute of Technology, 1907-11; Professor from 1911.

Author of (Gibbs's) *Vector Analysis*, *Advanced Calculus*, and numerous scientific papers.

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NATHAN RICHARD GEORGE, Jr., A.M., *Associate Professor of Mathematics*.—A.B., Harvard, 1890; A.M., 1891; Θ Δ X, Φ B K.

Instructor in Mathematics, Massachusetts Institute of Technology, 1891-1906; Assistant Professor, 1906-13; Associate Professor from 1913.

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Assistant in Mathematics, Johns Hopkins, 1889-92; Instructor in Mathematics, Massachusetts Institute of Technology, 1892-1907; Assistant Professor from 1907.

Author of *A History of Maryland*, *Stories from Maryland History*, etc.

Residence: 20 Beacon Street, Winchester.





CLARENCE L. E. MOORE, Ph.D., *Assistant Professor of Mathematics*.—B.Sc., Ohio State, 1901; A.M., Cornell, 1902; Ph.D., 1904.

Assistant in Mathematics, Ohio State University, 1900-01; Scholar in Mathematics, Cornell, 1901-02; Fellow, 1902-03; Assistant, 1903-04; Instructor in Mathematics, Massachusetts Institute of Technology, 1904-09; Assistant Professor from 1909.

Residence: 7 Sutherland Road, Brookline.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS



EDWIN T. COLE, Major, U. S. Army, Retired, *Professor of Military Science and Tactics*.—Graduate United States Military Academy, 1889; 2d Lieutenant 8th Infantry, 1889; 1st Lieutenant 6th Infantry, 1896; Captain 11th Infantry, 1899; transferred to 6th Infantry, 1900; and to 18th Infantry, 1909; detailed August, 1911.

Major and retired from active service on account of disability in line of duty, 1911.

Major 45th U. S. Volunteer Infantry, August, 1899, and honorably mustered out June, 1901.

Residence: Hotel Buckminster, 645 Beacon Street.

DEPARTMENT OF MODERN LANGUAGES



FRANK VOGEL, A.M., *Professor of Modern Languages; in charge of the Department*.—A.B., Harvard, 1887; A.M., 1892; ΔT .

Instructor in Modern Languages, Massachusetts Institute of Technology, 1888-92; Assistant Professor, 1892-1900; Associate Professor, 1900-04; Professor from 1904; Member of Boston School Committee, 1901-04; Instructor in German, Simmons College, 1902.

Editor and annotator of various modern language text-books and other publications.

Residence: 95 Robinhood Avenue, Jamaica Plain.

ERNEST F. LANGLEY, Ph.D., *Professor of French*.—B.A., Toronto, 1894; A. M., Harvard, 1900; Ph.D., 1909.

Student at Leipzig and Heidelberg Universities, 1895-96; Paris, 1898 and 1906; Instituto di Superior, 1905-06; Instructor of French, Dartmouth, 1896-1900; Instructor of French and Italian, 1900-02; Assistant Professor of Romance Languages, 1902-10; Professor of French, Massachusetts Institute of Technology, from 1910.

Residence: 11 Whittier Street, Cambridge.



HERMAN R. KURRELMAYER, Ph.D., *Assistant Professor of German*.—A.B., Johns Hopkins, 1899; Hopkins Scholarship, 1899; Departmental Scholarship (German), 1900; Fellowship, 1901; Ph.D., 1902.

Instructor, Massachusetts Institute of Technology, 1902-12; Assistant Professor from 1912.

Residence: 206 Beech Street, Roslindale.





ARCHITECTURE

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ALEXANDER S. JENNEY	Weston

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CHEMISTRY AND CHEMICAL ENGINEERING

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WILLIAM F. ODOM, M.Sc.	22 Prescott Street, Cambridge

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CHARLES R. GOW, B.S.	166 Devonshire Street



DRAWING AND DESCRIPTIVE GEOMETRY

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MARTIN J. SHUGRUE, A.B.	172 Huntington Avenue
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HARRY F. THOMPSON, B.S. (Absent)	457 Audubon Road
NATHANIEL S. MARSTON, S.B.	67 Manthorne Road, West Roxbury
OTTO R. SCHURIG A.B., S.B.	316 Huntington Avenue
NORMAN OSANN, B.S.	336 Harvard Street, Cambridge

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CLINTON H. COLLESTER, A.M.	100 Charles Street
DAVID CARB, A.B.	3 Spruce Street
HERBERT W. SMITH, A.M.	105 Hammond Street, Cambridge
ROBERT E. ROGERS, M.A.	3 Spruce Street

GEOLOGY

JOHN D. MACKENZIE, S.B.	19 Beal Street, Brookline
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MATHEMATICS

HENRY B. PHILLIPS, Ph.D.	63 Spring Park Avenue
JOSEPH LIPKA, Ph.D.	1867 Beacon Street, Brookline
FRANK L. HITCHCOCK, Ph.D.	33 Tower Street, Jamaica Plain
EDWARD KIRCHER, Ph.D.	358 Harvard Street, Cambridge



MECHANICAL ENGINEERING

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CHARLES E. LITTLEFIELD	North Wilmington
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MYRON W. DOLE, S.B.	21 St. Botolph Street
ADDISON F. HOLMES, S.B.	7 Holborn Street, Roxbury
WALTER HUMPHREYS, S.B.	249 Clinton Road, Brookline
IRVING H. COWDREY, S.B.	722 Webster Street, Needham
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JEREMIAH F. O'NEIL	8 Florence Street, Natick
JESSE J. EAMES, S.B.	Swampscott
WILLIAM H. JONES, S.B.	50 Peterborough Street
FRANK A. BROWN	49 Conant Street, Beverly
DEAN PEABODY, Jr., S.B.	85 Bartlett Street, Somerville
WILLIAM H. WENGERT, B.S., S.B.	R. F. D., Hudson
RALPH G. ADAMS, S.B.	43 Dedham Avenue, Needham
DEWITT M. TAYLOR, S.B.	99 South Central Avenue, Wollaston

MINING ENGINEERING AND METALLURGY

RUFUS C. REED, S.B.	55 Lime Street, Newburyport
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MODERN LANGUAGES

JOSEPH BLACHSTEIN	691 Parker Street, Roxbury
JUSTUS ERHARDT	431 Marlborough Street
GEORGE R. B. MEISTER	38 St. Botolph Street
PAUL R. LIEDER, A.M.	6 Holyoke House, Cambridge

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HERBERT P. HOLLNAGEL, Ph.D.	21 Berkeley Street, West Newton
GORDON B. WILKES, S.B.	219 Harvard Street, Brookline
WILLIAM R. BARSS, A.B., Ph.D.	25 Milton Street, Arlington
GEORGE E. WASHBURN, Ph.D.	36 Forest Street, Lexington

PHYSICAL TRAINING

FRANK M. KANALY	26 Park Road, Belmont
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CHEMISTRY AND CHEMICAL ENGINEERING

RUTH M. THOMAS, S.B.	W. H. McADAMS, M.S.	ROGER WILLIAMS, S.B.
FREDERICK W. LANE, S.B.	PERCY G. SAVAGE, B.S.	RICHARD O. BAILEY, B.A.
CHARLES S. VENABLE, A.M.	WILLIAM A. SIMPSON, S.B.	ROBERT T. GOOKIN, S.B.
ALDEN B. CHAMBERLAIN	ROBERT V. TOWNEND, S.B.	PEI HWANG HSU, S.B.
BERTRAND H. HALE, S.B.	HIRAM Y. WATERHOUSE,	HENRY M. WYLDE, S.B.
LEICESTER F. HAMILTON, S.B.	Ph.C.	

CIVIL ENGINEERING

EDMOND W. BOWLER, S.B.	WALTER C. EBERHARD, S.B.	ESTUS H. MAGOON, M.S.
THOMAS F. COMBER, Jr., S.B.	EDWIN D. HAYWARD, S.B.	JOHN C. MORSE, S.B.

DRAWING AND DESCRIPTIVE GEOMETRY

JOHN E. BIRD	FREDERICK H. KENNEDY, S.B.
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ELECTRICAL ENGINEERING

Research Assistants

DAVID J. McGRATH, S.B.	FRANCIS H. ACHARD, S.B.	PAUL H. PIERCE, S.B.
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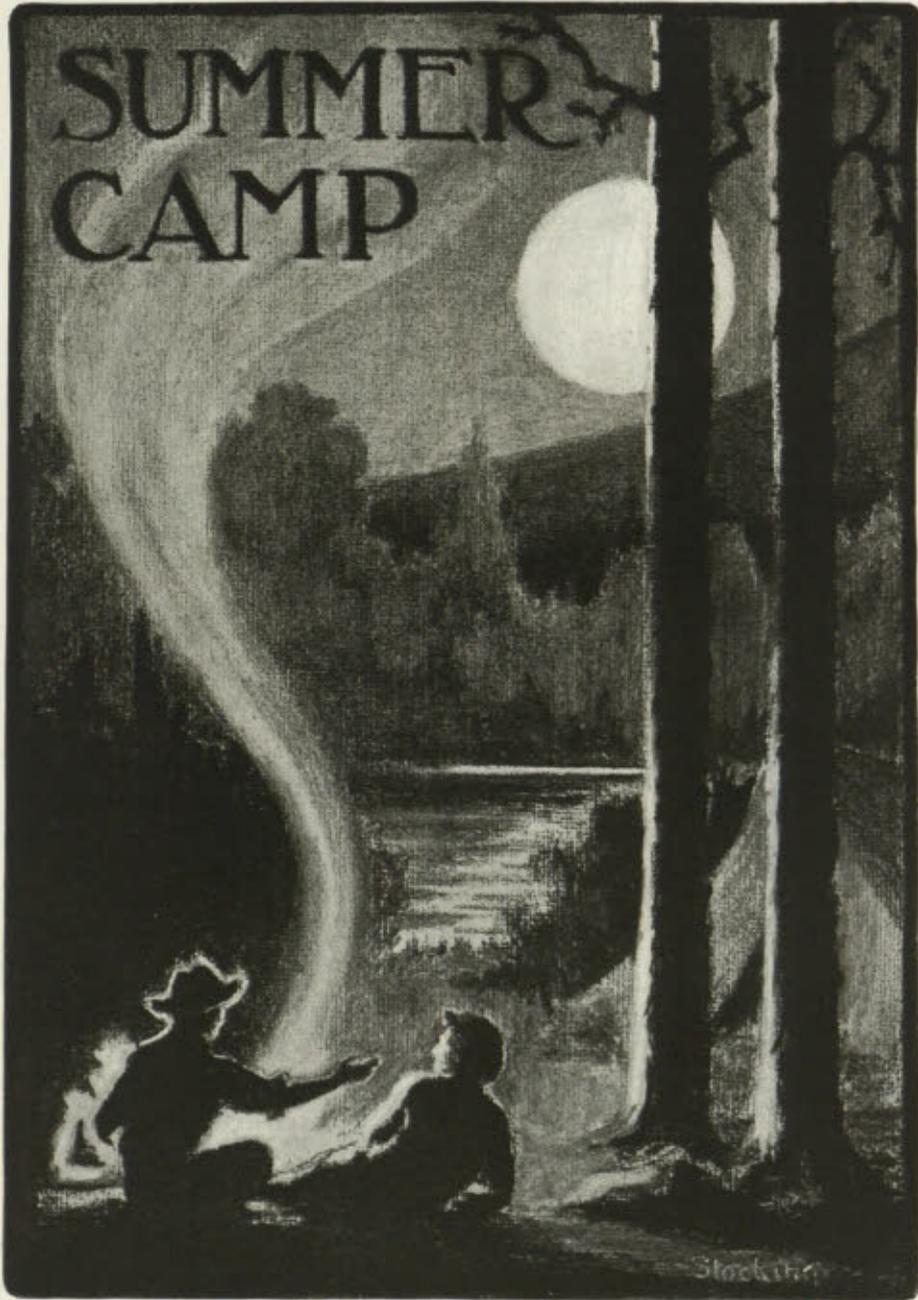
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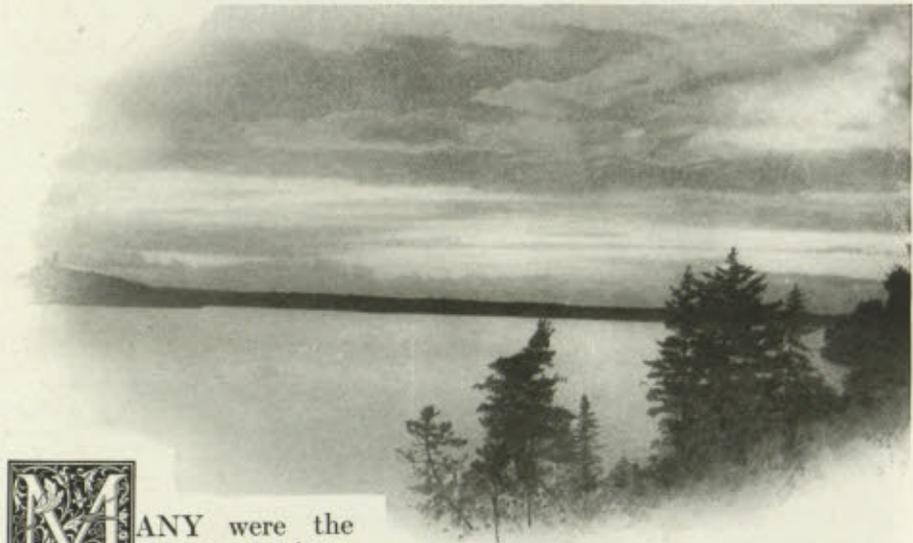
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ANY were the lamentations heard from the

Civil, Sanitary, and Mining Engineers of the 1916 class in the spring of last year, as they toiled over the treacherous "Mine Problem," or sought to trace out the "Land of Silas Coleman" in their surveying course. They were looking forward to spending half of their precious summer vacation at just such work, and the prospect was not bright. All their fond hopes for Atlantic City or Newport seemed blasted by the spectre of Summer Camp, and they had also the dark prospect of leaving the joys of Revere Beach. The camp seemed like a special invention of the Faculty to get even more work from their slaves. Obie Pyle, usually so gay, was grumbling over the idea of leaving dear old Baltimore in the middle of the season.

Such was the opinion of the majority, but there were some few of the wiser ones who preferred to postpone their tears until there was real cause for despair. Their wisdom became apparent in the fall, when the fickle majority were making plans to go up next year, and when some were planning to flunk Stream Gaging, in the hope that Professor Russell would make them repeat the course in 1915.





Ralph Bennett was so delighted with East Machias that he was heard to declare, "If the Institute were all like that, I might change some of my many C's into FF's, so as to take another year."

What caused such a change? The truth seems to be that no one can appreciate Summer Camp without going to it. The glowing accounts brought back by one class do not seem to penetrate to the next, and they learn only by experience. We had a hard time to tear ourselves away from dances, auto



trips, and such things at the beginning of August, and some of us were resolved to take no pleasure at all in camp life, but such feelings were soon forgotten.

The work was not nearly as bad as had been feared by some of the less industrious. Of course the assistants called all the fellows bone-heads but out of hours the men could get plenty of revenge. Jack Morse, the severest disciplinarian, was absolutely powerless when Charlie McCarthy or Tom McSweeney started in to get even for some call-down that had been given during the day. There were also occasions when an experienced loafer, like Eddie Clarkson, could manage to be sent off in a boat to do some special work, and so get a good rest. The evening studying was the hardest trial, but fortune came to our aid occasionally. One night when two hours' work was in order, a house about a half mile from the camp conveniently caught fire. The Dean, who had forgotten about the studying, was of the opinion that we ought to go out as volunteers and save the house. Professor Robbins remembered the work, and thought the house was past saving. The students voted in favor of saving the house, and only waited for a half-hearted consent from the Professor to start off by land and sea, on foot and in canoes. George Kittredge was caught



in a swamp on the way, and many suffered through loss of breath, but everybody got there in time to see the chimney fall, and to sing songs around the embers. The work was never made up.

Out of working hours there was plenty to do. East Machias would not strike one as a good place for fussing, but that was no drawback to the ladies' men. Jack Burbank and Dave Patten, the great social lights, seemed to find something doing every evening and Sundays, so that Captain Bent, of the camp yacht, was kept busy ferrying them back and forth across the lake to and from the village. Not so much was heard of Bob DeMerritt, but that was probably because he had a pull with the captain, and so could make his trips when no one was looking. Frank Hastie was something of a fusser, too; but he had the misfortune to be indiscreet, and allowed his picture to be taken under suspicious circumstances, so that he has received perhaps more notoriety than he really deserves.

Hunting was enjoyed by the bolder campers, but it was found to be dangerous, and so was rather limited. George Roper captured a ferocious porcupine, and got his coat stuck full of quills. Dip MacClure and MR. Morse killed a snake which was easily twelve inches long. Some really fine fish were caught in the lake, and one stude reported that he had seen some moose tracks. The last daring deed is credited to Ray Walters. He is now having the head mounted to hang in his room.



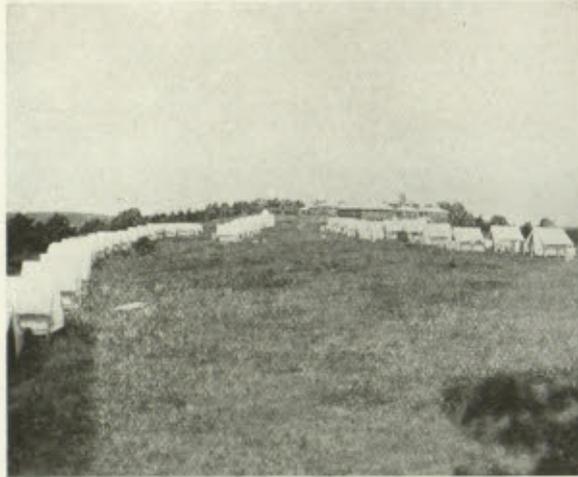
Don't say anything more about Rusty White and his bear. Rusty and Dave Patten and Mace Garfield went off on a tramp, and some



one said that Obie Pyle growled so much like a bear that the trampers were scared blue, but there is not a bit of truth in it. The fellows had forgotten their axe, and happened to be starting back to camp for it when they heard Obie. Then they hurried a little.

Rusty's adventure did not frighten the boys very much, and they still dared to go off on tramps and camping trips over the week-ends. The Institute Camp, with its dining and draughting rooms, its running water and other luxuries, did not seem quite wild and rough enough, so some went off up the lake in canoes, to enjoy real camping, not disdaining, however, to take some of Steward Colton's well-filled lunch-baskets along, in case the fish should not be as plentiful as usual. The fish were rather uncertain for most of the anglers, only Bill Farthing succeeding in making good catches at all times.

The biggest event of the season was probably the Minstrel Show that was given at the Town Hall in East Machias under the direction



of Rusty White, Charley Carpenter, Ralph Fletcher, and Charlie Lawrence. All society was present, represented by Eugene Lucas in the front row, and the two Jacks, Morse and Steere, further toward the rear, accompanied by friends. There was a corps of six end men, and more chorus than could be accommodated on the stage,

with other dazzling talent. All kinds of entertainment were provided, from jokes on Professor Bates, who is a native of East Machias, up to grand opera, produced by Saladrigas, and including heavy tragedy,



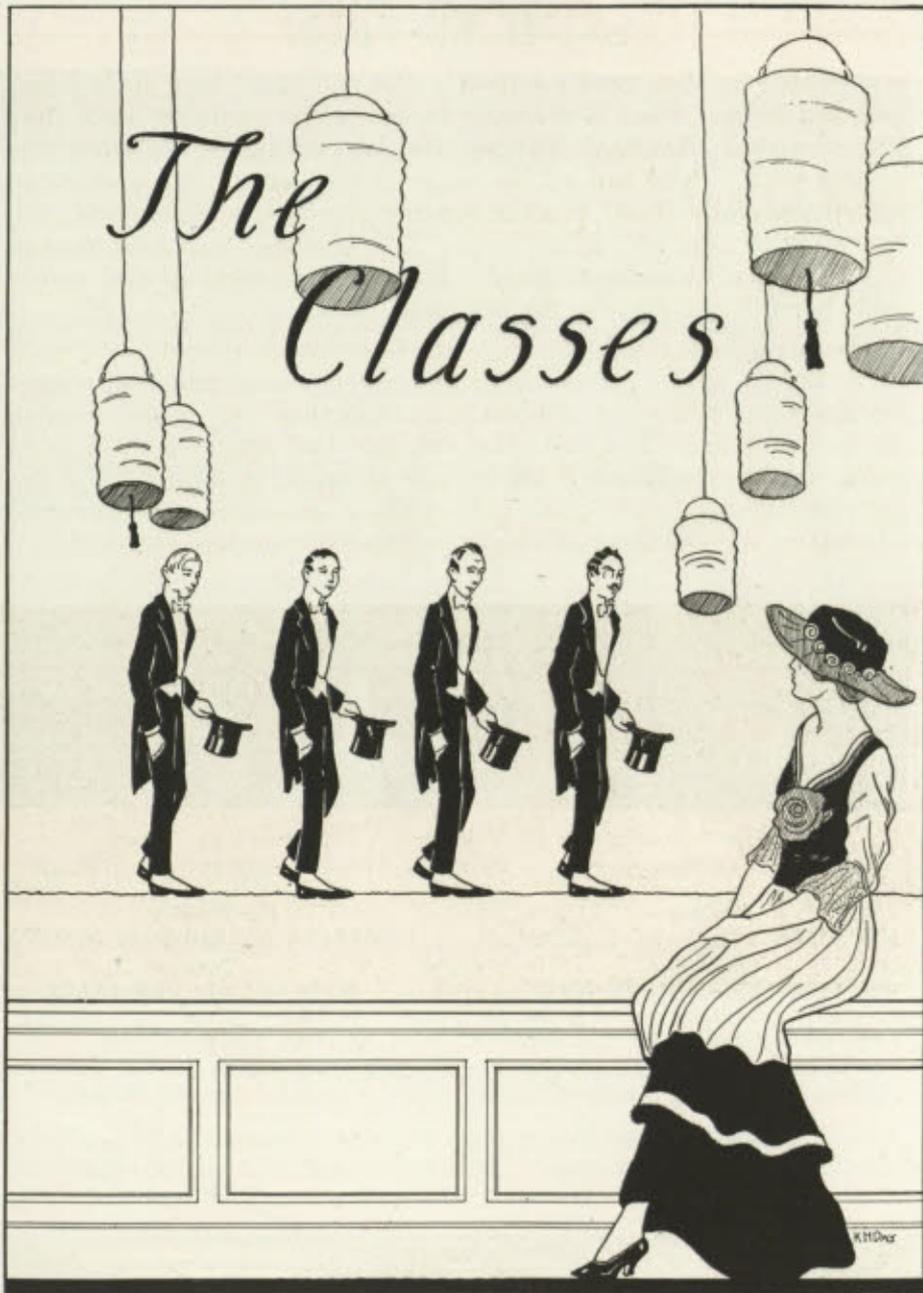


represented by Paul Duff's oration. The end men forgot their jokes, and had to get Tom McSweeney to amuse the audience while they argued with J. Bradford Stetson, the interlocutor, as to what was coming next. Brad had all the dope on the back of a fan which he waved gracefully about, but the lighting system didn't illuminate the fan, so Brad was all up in the air. The audience was kind enough not to notice these little details, however. Everybody was happy and cheerfully said it was the best show ever.

With all these things to occupy the time the seven weeks were soon over, and as nearly every one had learned considerable surveying, especially in the line of railroad work, together with some valuable medical knowledge from Dr. Howard, and had acquired not a little extra weight (see Ralph Bennett) and strength, it seemed as if the summer had been well spent, even without considering the immense advantage in class elections which the Summer Campers acquired!



The Classes



CLASS OF NINETEEN HUNDRED AND FIFTEEN



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SPEAR	SCULLY	DALTON	SPENCER	PLACE	

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MARSHALL BERTRAND DALTON

Vice-President
CHARLES GRANDERSON NORTON

Secretary
WILLIAM BENJAMIN SPENCER

Treasurer
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Executive Committee: THEODORE FRANKLIN SPEAR, JAMES ALNER TOBEY
Athletic Association: THOMAS HENRY HUFF, CHARLES LESTER MORSE

CLASS DINNER: Held at Hotel Westminster, December 3, 1914

Toastmaster: M. B. DALTON. *Speakers:* Dean ALFRED E. BURTON
 Dr. DAVIS R. DEWEY, Professor ARCHER T. ROBINSON



CLASS OF NINETEEN HUNDRED AND SIXTEEN



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PYLE		C. REED	SULLY	FREEMAN		W. REED

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CLASS DINNER: Held at the Union, February 16, 1915

Toastmaster: KENNETH M. SULLY

Speakers: Professor HARRISON W. HAYWARD, Dean ALFRED E. BURTON,
 Professor CHARLES L. NORTON, Dr. DAVIS R. DEWEY, Mr. JOSEPH
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Athletic Association

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ALBERT CARL LIEBER, JR.



In Memoriam

HARVEY FIELD DEWSON, 1916

1894—1914

VICE-PRESIDENT OF THE CLASS, CAPTAIN OF THE 1916 BASKET-BALL TEAM, MEMBER OF THE 1916 FOOTBALL, BASEBALL AND TUG-OF-WAR TEAMS, AND AT THE TIME OF HIS DEATH A NOMINEE FOR THE OFFICE OF EDITOR-IN-CHIEF OF TECHNIQUE 1916.

A REMARKABLE STUDENT AND A LOVABLE COMRADE.





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Bennett, Horace Ralph, I	Ekdahl, Edwin Albert, VI	Hewins, Edward Foster, XIII
Berger, Richard George, V	Ellicott, Valcoulton LeMoine, VII	Hickey, John James, XI
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Black, Charles Miller, I	Evans, James Morrison, II	Holbrook, Frederick Cabot, A.B., I Special
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Boulton, Berthoud Clifford, I	Fehr, Gordon, XI	Homan, John, II
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Brandegge, Morris Marius, A.B., X	Fisher, David Kirkpatrick Este, Jr., Litt.B., IV Special	Hopkins, Spencer Drummond, A.B., II
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Cellarius, Charles Frederick, A.B., IV	Giles, Wesley Marshall, VI	Keith, Stewart, I
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Chand, Diwan Nanak, VI	Glann, Charles, A.B., VI	Kerstein, Benjamin Hoffman, I
Chandler, Frank Davenport, VI	Goldstein, Edwin Jacob, X	Kleinert, Albert Emanuel, Jr., I
Chapman, Kenneth Blackstone, VI	Gooding, Percy Poole, X	Knieszner, William Tobias, VI
Christensen, Abbey Winch, A.B., IV Special	Gordon, Barnett David, X	Knowland, Richardson Grant, X
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Comiskey, Daniel Louis, I	Gray, Harold Parker, II	Larner, Harold, XIII
Connolly, Joel Irving, XI	Green, Howard Whipple, A.B., XI	Lawrance, Charles William, VII
Crandall, Willard Raymond, V	Gross, Charles Frederick, XIII	Lawrason, Levering, II
Crosby, Robert Addison, II	Gruber, Rudolf Edward, X	Leach, William Butler, Jr., B.S., X
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	Guptill, Arthur Leighton, IV Special	
	Guss, Maynard Cameron, I	
	Hafner, Victor Leonard Simon, IV Special	

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Littlefield, Walter Berry, A.B., VI	Polley, Ernest Edward, VI	Steese, George Morris, A.B., I
Loo, Ping Yok, II	Pratt, Lewis Howe, IV	Stetson, Bradford, I
Loomis, Charles Wheeler, XI	Pratt, Leonard Sims, II	Stewart, Arthur Knowles, II
Lord, Charles Rogers, II	Prentiss, John Herbert, VI	Stewart, Walter Scott, II
Lord, Frances, VII Special	Proctor, Harold Eugene, VI	Stickney, George Horton, B.S., II
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Lucas, Eugene Willett Van Court, Jr., I	Raymond, Thomas Emmons, II	Stone, Leonard, II
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McDonald, Kenneth Madison, B.S., VI	Reid, Geoffrey Laurence, II	Sully, Kenneth Murchison, III
McDonald, William Cantwell, IV	Rennie, Roswell Miller, II	Sutermeister, Frederick, II
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McKown, Frederick Whittlesey, B.A., VI	Richardson, Chester Northup, XIV	Swain, Winthrop Chester, A.B., X
McRae, Donald Marion, III	Richmond, Isidor, IV Special	Sweet, George Albert, X
McRae, Nelson, II	Richmond, Kenneth Calvin, II	Tai, Shiu Tao, II
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Marquez, Miguel, Jr., I	Rockett, Francis Haynes, VI	Thompson, Norman Julien, XIV
Martin, Alexander, B.S., VI	Rogers, Allison Cross, VII	Townshend, Bailey, VIII
Mason, Lovell Waldo, A.B., V	Rood, Melville Halstead, A.B., X	Tuttle, George Woodbury, II
Maverick, George Madison, X	Rood, Marshall Jewell, B.S., II	Uhlinger, James Philip, IV
Meigs, Joseph Vincent, V	Roper, George, Jr., III	Ullian, Hyman Benjamin, I
Mellen, Earl Rufus, VI	Rosenberg, Benjamin Robert, I	Upton, Frederick Pattangall, VIII
Mendelsohn, Herbert, B.A., X	Ross, Frank Douglas, IV	Vile, Norman Judd, II
Merritt, James Charles, VI	Ross, William Byron, B.S., X	Vose, Lewis Scott, II
Metz, Charles Walter, II	Rowllett, Richard Stewart, II	Wall, Francis James, V
Miller, Arthur Merkel, I	Rubin, Jesse Abraham, I	Wallis, Charles Parker, IV
Miller, Robert Anderson, Jr., A.B., X	Russell, Harold, II	Walter, Ray Bobb, I
Millis, Ralph, I	Rutherford, Henry Goddard, I	Warshaw, Nathaniel, II
Mills, Ralph Harold, VI	Saladrigas, Gustavo A., I	Wasgatt, Helen Stuart, IV
Monroe, Merriek Atherton, XI	Sanders, Morris Blackman, A.B., VII Special	Waymouth, George William, II
Morrison, Phillip Garrison, VI	Sandlas, William Henry, B.S., I	Webber, Porter Clifton, XI
Morse, Henry Gardner, II	Sarti, Eduardo Emilio, IV	Webster, Donald Blake, X
Murdough, James Harold, I	Saunders, Harold Eugene, U.S.N.A., XIII A	Weissbach, Edward Adolf, II
Naumburg, Robert Elkan, B.A., II	Savage, Wallace, A.B., V	Wellington, Marshall Symmes, XI
Neave, Arthur Stuart, A.B., X	Sawyer, Howard Martin, Litt.B., V Special	Wellman, Harvey Elijah, B.A., V
Neilson, Halbert Hale, B.S., VI	Schabacker, Henry Eric, XIV	Wells, Arthur Kendrick, II
Neiman, Joseph, X	Schur, Milton Oscar, X	Wells, Howard Hawley, IV
Nelson, Francis Oscar, III	Sebbin, Edward Baker, X	Wentworth, Wallace Edward, XIV
Newcombe, Garfield Merton, II	Seecombe, Percy, IV	White, Harold Eaton, II
Ober, Shatswell, XIII	Shakespeare, William MacIntyre, XI	White, Russell Hubbard, I
Ogden, William Lardner, A.B., II	Shedd, Clifford Ernest, II	Whiting, Edmund Alden, II
Osborn, Charles Marcus, 3d, IV	Shedden, John Bruce, VI Special	Williamson, Herbert Charles, IV
Ousler, George Walter, VI	Shepard, Henry Bradbury, II	Wilson, Leroy Earing, IV
Owen, Knight Barry, II	Shuey, Arthur Ferguson, A.B., XI	Wilson, Robert Erastus, Ph.B., X
Owler, Duncan Stewart, VI	Simmons, Albert, IV	Wolfe, Walter John, XIV
Pace, Ernest Milton, Jr., U.S.N.A., XIII A	Simpson, Stephen Gersham, V	Wolk, Moses, VI
Page, Arvin, II	Sindler, Jacob, X	Wood, Carl Wilbur, I
Panettiere, Vincent, II	Skolfield, George Lincoln, Jr., A.B., I	Woodbridge, Donald Eliot, VI
Parsons, Edmund Selinger, II	Sloan, William James, IV	Woodruff, Benjamin Hicks, Jr., VI
Parsons, Frank Enos, II	Small, Frank Sylvester, III	Woods, John Edgar, XIV
Parsons, Theodore Dillaway, II	Smeltzer, Louis Plitt, Ph.B., VI	Woythaler, Max Isaac, V
Pattee, Elizabeth Greenleaf, IV	Smith, Harry Bennett, XIV	Wu, Hsien, V
Patten, David Longfellow, I	Smith, Howard Francis, I	Wyld, Alfred Arthur, X
Peters, David Brooks, A.B., VI	Smith, Howard Merrick, Jr., XIII	Wyman, Alfred Theodore, IV
	Snyder, Ralph Moser, II	Wyman, George Whitcomb, VI
	Sommer, Henry Oscar, VI	Yeaton, Philip Osborne, B.S., II
		Young, Vertrees, B.S., II
		Zeigler, Samuel Jacob, Jr., U.S.N.A., XIII A
		Zilliacus, Laurin, X
		Zinderstein, Norton Morris, II

WEARERS OF THE NUMERALS



Football

ROBERT McCLANAHAN ALLEN
PAUL HENRY BUXTON
EDWARD HALE CLARKSON, Jr.
WILLIAM WOLFTONE DRUMMEY
PAUL HARRINGTON DUFF
LUCIUS TUTTLE HILL
THEODORE CARTER JEWETT
EDGAR LOUIS KAULA

ANSELMO KRIGGER
GEORGE MONTGOMERY LOVEJOY, Jr.
HOWARD GROVER MANN
ARTHUR MERKEL MILLER
ALVAH EDGAR MOODY
GEORGE HUBERT PETIT
STEPHEN GERSHAM SIMPSON
RAYMOND MILES STOWELL

Track

WILLIAM ERNEST ADAMS
RAYMOND GROUT BROWN
HOWARD PAUL CLAUSSEN
DANIEL LOUIS COMISKEY
KEMERTON DEAN
EDWIN JACOB GOLDSTEIN
CARL THEODORE GUETHING
TREDICK KITTREDGE HINE
GEORGE DAVIS KITTREDGE

SAMUEL LAPHAM, Jr.
LEVERING LAWRASON
ALBERT CARL LIEBER, Jr.
CHARLES WHEELER LOOMIS
DONALD MARION McRAE
ARVIN PAGE
CHARLES SUMNER REED
GEOFFREY LAWRENCE REID
JAMES PHILIP UHLINGER

Cross Country

HARVEY SUMNER BENSON
MURRAY GENSEL GRAFF

HAROLD PARKER GRAY
JAMES HAROLD MURDOUGH

Basket-Ball

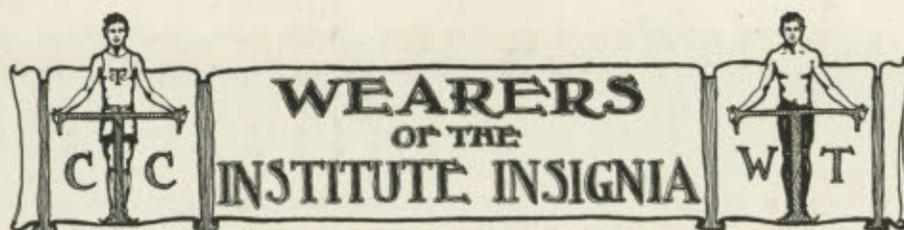
JOHN EDGAR DEMERRIT
JAMES CHARLES MERRITT

ARTHUR MERKEL MILLER
WILFRED ARTHUR WYLDE

Crew

PAUL HARRINGTON DUFF
EUGENE WILLETT VAN COURT LUCAS, Jr.





Wearers of ATA

HARVEY SUMNER BENSON	CARL THEODORE GUETHING
RAYMOND GROUT BROWN	LEVERING LAWRASON
KEMERTON DEAN	CHARLES WHEELER LOOMIS
MURRAY GENSEL GRAFF	CHARLES SUMNER REED
DONALD BLAKE WEBSTER	

Wearers of cTc

HARVEY SUMNER BENSON	MURRAY GENSEL GRAFF
RAYMOND GROUT BROWN	ALLYNE CUSHING LITCHFIELD

Wearers of wTt

HENRY GARDNER MORSE
PING YOK LOO

Wearers of T

HARVEY SUMNER BENSON	LEVERING LAWRASON
CARL THEODORE GUETHING	PING YOK LOO
CHARLES SUMNER REED	





Statistics

In the Class of 1916 who is

MOST POPULAR?

It is still customary to name the Junior President. We won't detract from Ken's glory by mentioning the others who had a look-in.

MOST LIKELY TO SUCCEED?

Bill Shakespeare seems to be the favorite candidate for the position of millionaire. Frank Hastie's energy and industry give him a place close to the top.

LEAST LIKELY TO SUCCEED?

Fat Graves gives such a good impersonation of a loafer that we don't think he will get ahead as an engineer. He might do well as an office boy. Paul Harrington Duff is chosen for second, but Paul ought to make a name as a politician if he gets fired from the survey party.

HANDSOMEST?

Kem Dean is a beauty show all by himself. Lev Lawrason tries to be, but his face is against him. However, his manly bearing makes a good first impression.

THE BIGGEST GRIND?

Boulton's intelligent questions in class mark him as our best student, but Barney B. Levy has him beaten in Polycon. When Ben Murdough gets to work he has to have an assistant pour water on his slide rule to keep it cool.





JIM



MAC



CY



CEL
and MACE



PAUL



HICKEY



GORGEOUS



HSI



OBIE

In the Class of 1916 who is

THE GREATEST SMOKER?

You say you thought Moose Jewett had the barber singe his mustache. Sorry, old man, but you are all wrong! That is simply the result of too great indulgence in the weed. Said overindulgence may also be responsible for part of his grouch. P. C. Webber and Bud Storm also emit considerable vapor.

BEST NATURED?

Obie Pyle is noted for cheerfulness, except when he is teased.

GROUCHIEST?

Obie must have a fickle and inconstant nature. He gets this event too.

BEST DRESSED?

At Summer Camp George Kittredge used to run the level in a dress suit. That gives him a slight edge over the runner-up, Caruthers Askew Coleman. However, they both show rotten taste in the way they wear hair on their faces.

THE GREATEST EATER?

We regret that Summer Camp politics have again been noticeable. Ralph Bennett has every one else tied to the post, just because he gained twenty pounds up in Maine.

MOST NOTORIOUS?

Rusty White admits it.—It is his ideal.

LAZIEST?

The class suspects that Webber, Graves, and Burford have some sort of a drag with the powers, or they would have been among the missing long ago.





NICK



1916 CREW



WINDY



MOOSE



STEVE



KEWPIE



KEN



OMAR

In the Class of 1916 who is

NERVIEST?

P(oor) N(ut) Brooks isn't afraid to ask the professors any kind of a question, no matter how often he has been told the answer. Nor is our old friend, Bob DeMerritt, cursed with bashfulness.

MOST CONVINCING TALKER?

Had you heard Rusty White's campaign speech at Summer Camp, on "We, who are going to run the Junior Class," there would not be a doubt in your mind. We are also informed that around election time Paul Duff is some little orator himself.

MOST HUMOROUS?

Dip McClure was the chief scream but is now among the missing. One stude remarked that he had never seen anything funnier than P. H. D.

THE BEST ATHLETE?

Cy Guething resembles Hercules more than any of the rest of us (which isn't saying a great deal). He is also there on the Mexican stuff. They maintain that P. Yok Loo is the only Chinaman that ever won a straight college letter in this country.

THE WORST ATHLETE?

Al Lieber wins in a walk. If he isn't a good track man, we can at least say he is a winner at "throwing the bull." Shatswell Ober appears in the "also rans."

THE GREATEST FUSSER?

Just drop in some afternoon at "234" when they are having one of their sweet little teas, and pick one out for yourself. All the leaders will be there.





KEM



BETTY



JIMMY
and KNIGHT



LUCIUS



JUST NUTS



RUSTY



DINAH



FRANK



TOM

In the Class of 1916 who is

THE CLASS GOAT?

Bickford will sell tickets for anything under the sun. The Terrible Turk, Joe Farhi, is also the butt for a lot of near humor.

MOST POETICAL?

We may have a rather poor sense of humor, but we're not in the same class with the crowd that tried to wish this onto Bill Shakespeare. Really, you disappointed us.

Who is the best Professor?

The palm goes to Professor Miller, with so many other strong candidates that we are not able to print all the names.

Who is the easiest Professor to bluff?

Contrary to expectations, Professor Breed is chosen for the softest. We suspect a little playful irony on the part of the Railroad students.

What is your favorite expletive?

Our sense of propriety prevents an answer. We take this opportunity to inform you that for once you have a clean Technique.

Do you favor the Germans or the Allies?

The class seemed to be divided between its consciences and love for imported beer, but the beer won out by one vote.

Do you favor prohibiting the Summer Camp crowd from voting in class elections?

As usual, the Summer Camp bunch was full of "pep," and polled enough votes to prevent being disfranchised. One student asks, "Who in hell is going to pay the class dues?" while another, evidently somewhat sore, says, "Throw the rummies out, I also ran."





LEVE



ROGER



CHARLIE



TOM



RAY



MAC



DICKIE



CARP



GEORGE AND FAT

Who considers himself most likely to succeed?

Paul Harrington Duff just broke the tape, and there is no one else in sight. We don't wonder, considering how many chances he has to make good. From rowing down to dancing and soulful declamation, he covers all the range of human activities.

What is your height?

It seems to average about 5 feet 10.5 inches, and we find that if all the members of the Junior Class were put end to end they would extend from the New Technology to Radcliffe College! But who wants to go to Radcliffe anyway?

How often do you visit Wellesley?

This is ingeniously evaded by saying, "I never saw the place." Probably it was dark when Claussen called.

Are you taking a general study, or did you elect current public problems?

The class seems to prefer reading the daily papers, hence the popularity of Professor Currier's course.

Do you belong to Andy Mac's Co-operative Society?

Most of the class admitted getting stung the first year, but none of them seems to have repeated. We had no idea Andy was so unpopular.

How many times did you take Precision?

They tell us we have our tenses mixed, that the question should read, "How many more times do you expect to take Precision?"

Who has the most class spirit?

Duff again! This time he has a rival in Bob Allen, who is reported to be occasionally full of spirits.





BILL



MAC



LUKE



PINK



RAEF
AND STEW



PING



RALPH

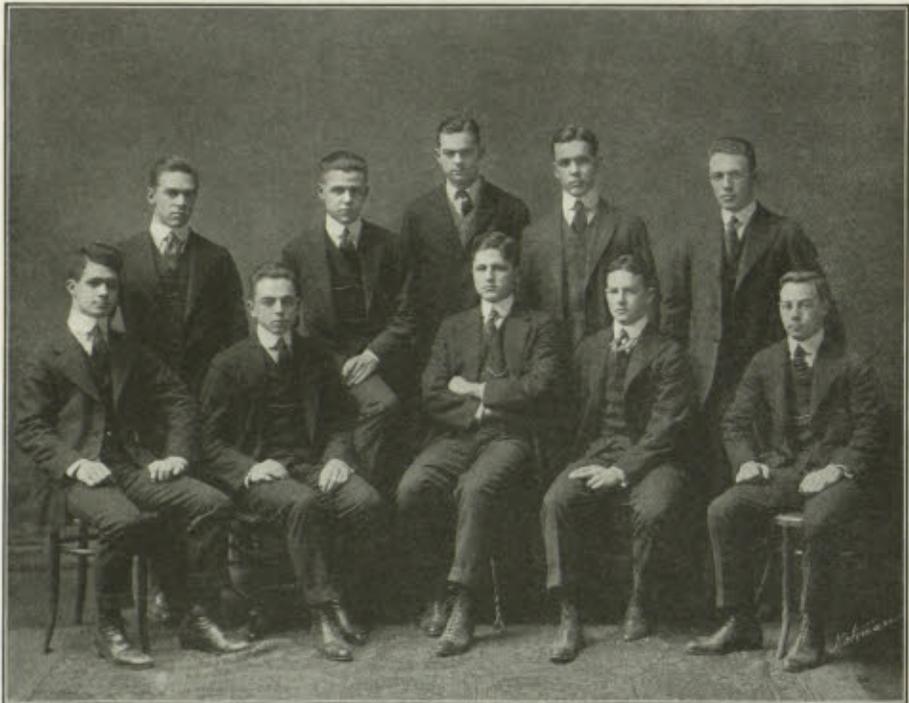


PARSON



BUCK

CLASS OF NINETEEN HUNDRED AND SEVENTEEN



W. C. WOOD WHITNEY DAY DUNNING DUNHAM
 W. A. WOOD BELL HARRINGTON FARNSWORTH HUNT

WALTER HARRINGTON, *President* AUGUSTUS PAGE FARNSWORTH, *Vice-President*
 RICHARDSON THOMPSON WHITNEY, *Sec'y* DUDLEY EDWARDS BELL, *Treas.*

Institute Committee: STANLEY COVERT DUNNING, PHILIP LINSOTT HUNT

Executive Committee: ATWOOD PACKARD DUNHAM, WALTER ALBERT WOOD

Athletic Association: KIRKLAND HART DAY, WALTER CROMWELL WOOD

CLASS DINNER: Held at the Union, February 17, 1915

Toastmaster: WALTER HARRINGTON

Speakers: Dean ALFRED E. BURTON, Major EDWIN T. COLE, Mr. FRANK
M. KANALY, Mr. JOSEPH BLACKSTEIN



CLASS OF NINETEEN HUNDRED AND EIGHTEEN



BRADLEY HERFURTH REID BARRETT
 BLODGETT WALLACE WALKER LORENZ BRUCHHAUSER, JR CLARKSON

OTTO CARL LORENZ, *President*
 SIBYL WALKER, *Secretary*

STUART GILBERT WALLACE, *Vice-President*
 KENNETH REID, *Treasurer*

Institute Committee: LEO STANISLAUS BLODGETT, WAYNE DEEGAN BRADLEY

Executive Committee: WALTER ROBERT HERFURTH, WILLIAM KURTZ
 BRUCHHAUSER, JR.

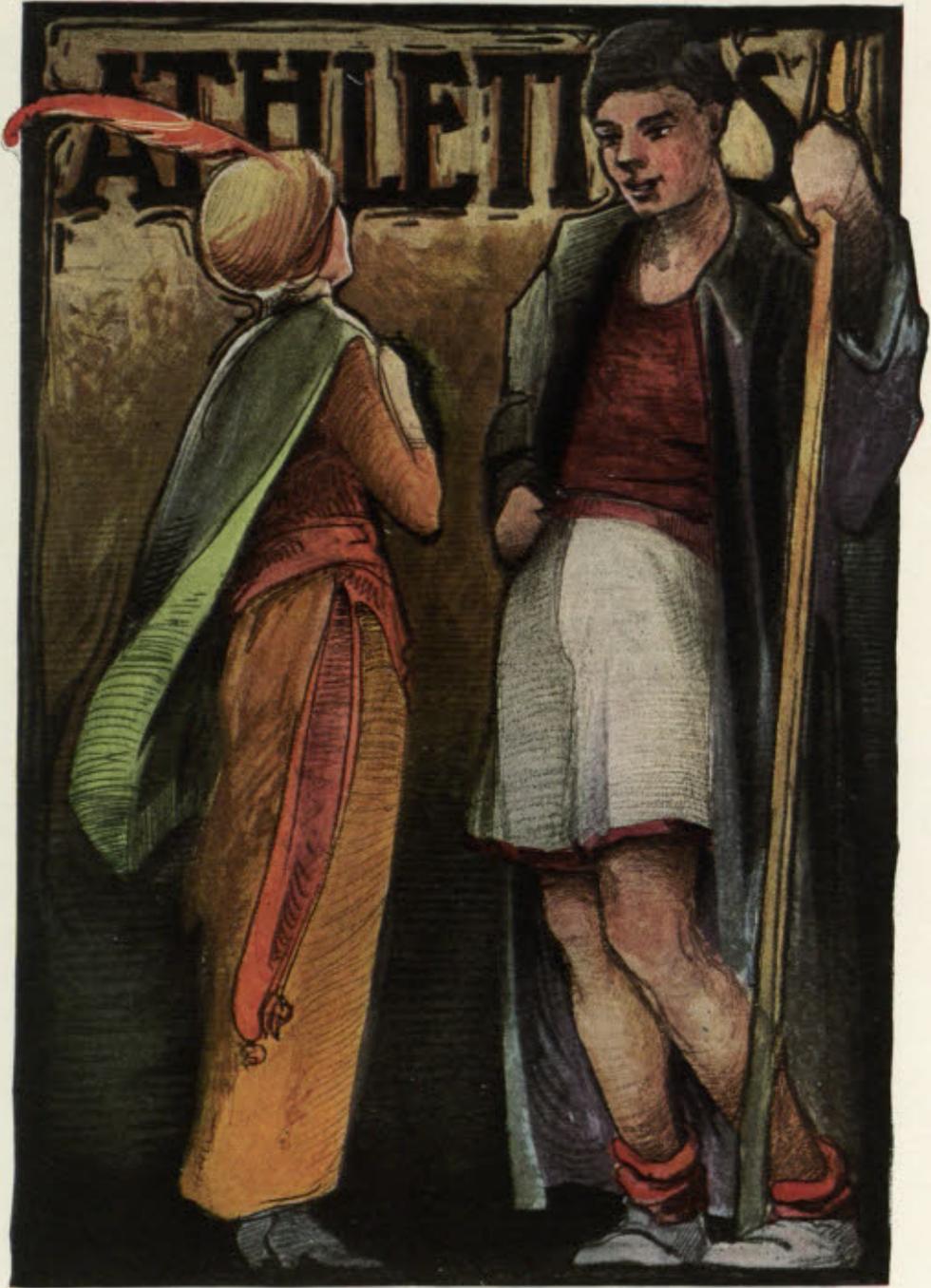
Athletic Association: HERBERT WILLIAM BARRETT, JOHN WHEELER
 CLARKSON





THE 1916 "CLASS BABY"

Like most of the up-to-date and wide-awake classes at Tech, 1916 possesses a "Class Baby," Malcolm Dinsmore Kemp. The child was born the middle of 1916's Freshman year, on February 12, 1913, and is the son of Emory L. Kemp. Kemp prepared for the Institute at Exeter and Chauncy Hall School, and was married the year before he entered. The baby was formally presented to the class at the class dinner on January 2, 1914.



ADVISORY COUNCIL ON ATHLETICS



COOLEY HUFF ROWE WORCESTER WEBSTER
 ROCKWELL GRAM FLETCHER

Chairman

J. ARNOLD ROCKWELL, 1896

Secretary

ALLEN W. ROWE, 1901

Treasurer

HENRY E. WORCESTER, 1897

Representatives from the Alumni

LLOYD C. COOLEY, 1911

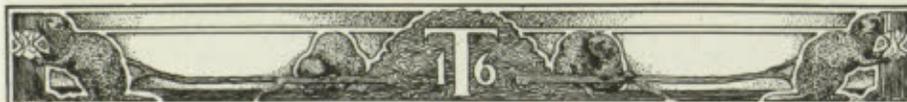
CARL W. GRAM, 1909

Representatives from the Athletic Association

THOMAS H. HUFF, 1915

DONALD B. WEBSTER, 1916

R. LESLIE FLETCHER, 1915

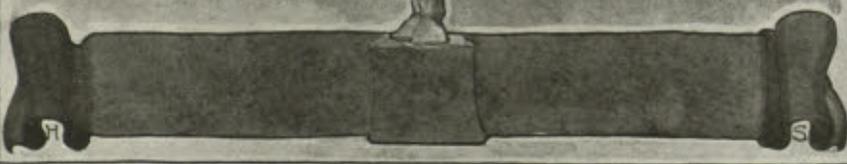


WEARERS

OF THE



WILLIAM A. SULLIVAN	HENRY S. BENSON
CARL T. GUETHING	ERCELL A. TEESON
ALFRED F. NYE	THOMAS A. HUFF
PING YOK LOO	CHARLES S. REED
FRED L. COOK	WALLACE S. THOMAS
FRANCIS P. O'HARA	LEVERING LAWRASON
ΠΟΠΟΠΟΠΟΠΟ	WILLIAM B. COLLEARY





RECORDS

I. C. A. A. A.

9 4-5 sec.
B. J. WEFERS
 Georgetown
R. C. CRAIGE
 Michigan

21 1-5 sec.
B. J. WEFERS
 Georgetown
R. C. CRAIGE
 Michigan

48 sec.
C. D. REIDPATH
 Syracuse

1 min. 53 2-5 sec.
D. S. CALDWELL
 Cornell

4 min. 14 2-5 sec.
J. P. JONES
 Cornell

9 min. 23 4-5 sec.
J. S. HOFFMIRE
 Cornell

N. E. I. A. A.

100 Yards
 10 sec.
A. CURTENIUS
 Amherst
H. H. CLOUDMAN
 Bowdoin
G. L. SWASEY
 Dartmouth

220 Yards
 22 sec.
C. W. GRAM
 Technology
A. C. RICE
 Maine

440 Yards
 49 3-5 sec.
J. D. LESTER
 Williams

880 Yards
 1 min. 55 3-5 sec.
N. S. TABER
 Brown

One Mile
 4 min. 18 3-5 sec.
N. S. TABER
 Brown

Two Miles
 9 min. 35 3-5 sec.
R. W. ATWATER
 Tufts

M. I. T. A. A.

10 1-5 sec.
R. S. FRANKLIN
 1903

22 sec.
C. W. GRAM
 1909

50 4-5 sec.
T. H. GUETHING
 1914

1 min. 58 sec.
P. D. WHITE
 1911

4 min. 30 sec.
H. S. BAKER
 1903

9 min. 37 4-5 sec.
F. L. COOK
 1915



I. C. A. A. A. A.

15 1-5 sec.
A. B. SHAW
Dartmouth

23 3-5 sec.
A. C. KRAENZLEIN
Pennsylvania

48 ft. 10 3-4 in.
R. L. BEATTY
Columbia

164 ft. 10 in.
J. R. DEWITT
Princeton

6 ft. 3 1-4 in.
T. MOFFIT
Pennsylvania

24 ft. 4 1-2 in.
A. C. KRAENZLEIN
Pennsylvania

13 ft. 1 in.
R. A. GARDNER
Yale

N. E. I. A. A.

120-Yard High Hurdles

15 2-5 sec.
A. B. SHAW
Dartmouth

220-Yard Low Hurdles

24 3-5 sec.
A. L. GUTTERSON
Vermont

Shot Put

46 ft. 3 1-8 in.
L. A. WHITNEY
Dartmouth

Hammer Throw

164 ft. 8 1-4 in.
H. P. BAILEY
Maine

Discus Throw

135 ft. 5 9-10 in.
L. A. WHITNEY
Dartmouth

High Jump

6 ft. 7-16 in.
P. W. DALRYMPLE
Technology
H. B. ENRIGHT
Dartmouth

Broad Jump

23.45 ft.
A. L. GUTTERSON
Vermont

Pole Vault

12 ft. 6 1-4 in.
M. S. WRIGHT
Dartmouth

M. I. T. A. A.

16 2-5 sec.
E. L. OVINGTON
1904

25 4-5 sec.
G. P. BURCH
1899

42 ft. 1 1-4 in.
F. H. LESLIE
1914

130 ft. 10 in.
L. G. METCALF
1912

121 ft. 5 1-8 in.
O. V. CHAMBERLIN
1911

6 ft. 1 1-2 in.
C. D. HEYWOOD
1893

22 ft. 1 1-2 in.
G. W. GROSVENOR
1899

11 ft. 7 in.
W. C. SALISBURY
1911





Pres. HUFF

President
THOMAS HENRI HUFF, 1915

Vice-President
HENRY PALMER PINKHAM, 1916

Secretary
KIRKLAND HART DAY, 1917

Treasurer
KEMERTON DEAN, 1916



Vice-Pres. PINKHAM

Members

Senior

THOMAS HENRI HUFF
CHARLES LESTER MORSE

Junior

HENRY PALMER PINKHAM
CHARLES SUMNER REED

Sophomore

WALTER CROMWELL WOOD
KIRKLAND HART DAY

Freshman

JOHN WHEELER CLARKSON
WALTER ROBERT HERFURTH

Ex-Officio Members

Track and Cross-country Teams

FRED LYSLE COOK, 1915, Captain
DONALD BLAKE WEBSTER, 1916, Manager

Hockey Team

RALPH LESEIL FLETCHER, 1915, Captain
NELSON MACRAE, 1916, Manager

Wrestling Team

HAROLD RYDER CROWELL, 1915, Captain
HENRY GARDNER MORSE, 1916, Manager

Basket-ball Team

CHARLES LESTER MORSE, 1915, Captain
WILLIAM WARREN RAUSCH, 1917, Manager

Gymnasium Team

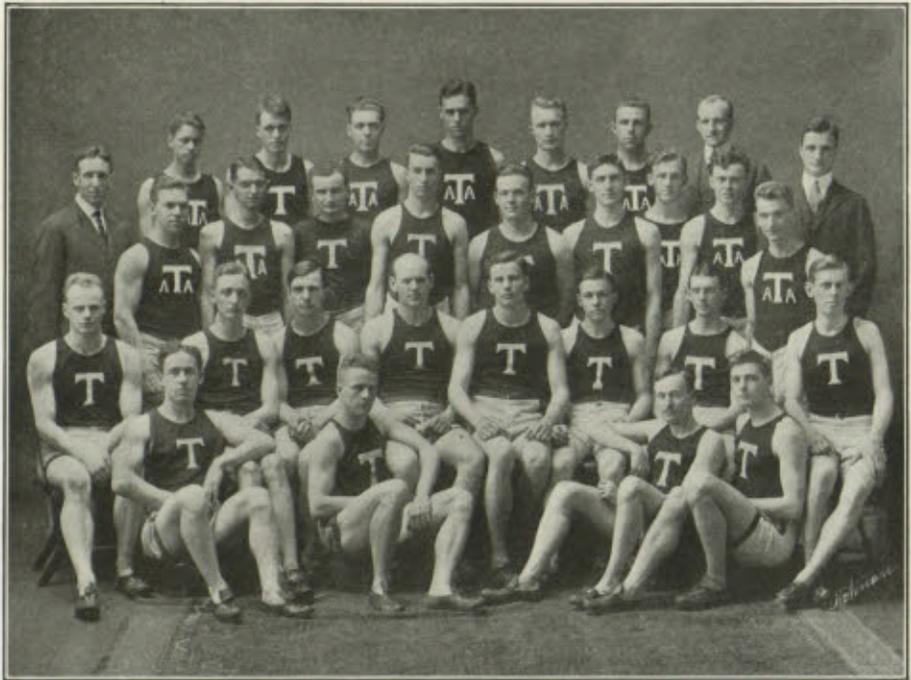
RALPH WALDO MENDELSON, 1915, Captain
PHILIP LINSOTT HUNT, 1917, Manager

Swimming Team

WILLIAM CHAPMAN FOSTER, 1918, Captain
WILLIAM LEE GRAVES, 1916, Manager



TRACK TEAM



GRAFF BROWN DEAN SEWELL LOOMIS DONNALLY WEBSTER (Asst.)
 KANALY (Coach) THOMAS (Mgr.)
 WOOD HALL SULLIVAN C. GUETHING MILLER TEESON FOSTER BROCK ATWOOD
 FOX PEASLEE WILSON LESLIE T. GUETHING COOK HUFF BENSON
 (Capt.)
 WILKINS LAWRASON NYE READ

Captain
 T. H. GUETHING

Manager
 W. S. THOMAS

Coach
 F. M. KANALY





Captain GUETHING



HE opening of the 1914 track season found the team with the best of prospects, but still inclined to be somewhat pessimistic. The previous season, although it had started just as auspiciously, had ended in a complete failure at the climax of the season, the New England Intercollegiates, and Tech, usually



Manager THOMAS

among the first three, had to be content with sixth place. With this to look back upon and with the firm desire to make up for the disgrace, the squad turned out the latter part of March for the last track season on the old Tech Field.

The first event of importance was the Spring Interclass meet, which for the first time was held during the Junior week holidays and was made a regular part of the celebrations. Interest had been stimulated by the announcement of a four-team relay race, over the same distance as the Field Day classic, for which many former Field Day stars turned out. The Freshmen team succeeded in winning the race, but were defeated by the Seniors in the meet as a whole.

A few weeks later the team journeyed down to Brunswick, Me., for a meet with Bowdoin, and had no trouble in winning by a very one-sided score. With the exception of the weight events the team showed signs of



TAKEN IN AT THE GATE



great strength, but in these Doc Leslie was the only man to score. The following Saturday Holy Cross was entertained at Tech Field and again the Tech athletes had but little trouble in winning. The meet furnished better competition than the one with Bowdoin, largely because Holy Cross was even weaker in the field events than Tech was, but the score of the meet was even more one-sided.

The last big event of the season was the N. E. I. A. A. meet at the Stadium, where, in spite of multitudes of hard luck, Tech lost second place only by fractions of a point. Tommy Huff tripped in the high hurdles, and with the fall went a sure two points. Loomis pulled a tendon in the preliminary heats of the hundred after qualifying in the two-twenty, when he looked sure of a place in both. "Spig" Guething failed to place in the quarter because of a mix-up with Lee of Holy Cross on the turn, for which Lee was disqualified, and Fox, who had been a consistent winner all spring, slumped badly just at the wrong time and did not even qualify. To make up for this hard luck Freddy Cook came through a big field in the two mile and won easily in splendid time, O'Hara took second in both sprints, Charlie Reed surprised every one by capturing second place in the broad jump, and several other men picked up points here and there. Dartmouth, the winner of the meet, was distinctly out of her class, and with Maine only a fraction of a point ahead, Tech, in view of the accidents to her men, may be said to have virtually won the meet, a fitting ending for any track season.





BOWDOIN MEET



WHITTIER FIELD

APRIL 25, 1914

<i>Event</i>	<i>Place</i>	<i>College</i>	<i>Time, Height, or Distance</i>
100 Yards	L. A. WILSON	Technology	10 2-5 sec.
	C. W. LOOMIS	Technology	
	H. S. WILKINS	Technology	
220 Yards	C. W. LOOMIS	Technology	22 2-5 sec.
	L. A. WILSON	Technology	
	E. M. BALFE	Bowdoin	
440 Yards	T. H. GUETHING	Technology	52 2-5 sec.
	A. F. PEASLEE	Technology	
	G. A. MCWILLIAMS	Bowdoin	
880 Yards	H. S. THOMPSON	Technology	2 min. 6 2-5 sec.
	J. J. DONNELLY	Technology	
	M. C. BROCK	Technology	
One Mile	H. S. BENSON	Technology	4 min. 34 sec.
	C. T. GUETHING	Technology	
	E. H. CROSBY	Bowdoin	
Two Miles	F. L. COOK	Technology	9 min. 55 3-5 sec.
	M. G. GRAFF	Technology	
	A. C. LITCHFIELD	Technology	
120-Yard Hurdles	T. H. HUFF	Technology	16 2-5 sec.
	N. L. FOSTER	Technology	
	E. D. SEWELL	Technology	
220-Yard Hurdles	T. H. HUFF	Technology	26 4-5 sec.
	N. L. FOSTER	Technology	
	F. C. ATWOOD	Technology	
Shot Put	F. H. LESLIE	Technology	42 ft. 1 1-4 in.
	L. W. LEADBETTER	Bowdoin	
	H. A. LEWIS	Bowdoin	
Hammer Throw	L. W. LEADBETTER	Bowdoin	138 ft.
	H. A. LEWIS	Bowdoin	
	G. E. COLBATH	Bowdoin	
High Jump	W. A. SULLIVAN	Technology	5 ft. 5 7-8 in.
	E. A. TEESON	Technology	
	L. S. HALL	Technology	
	P. L. WHITE	Bowdoin	
Broad Jump	C. E. FOX	Technology	20 ft. 7 in.
	L. P. FLOYD	Bowdoin	
	P. S. SMITH	Bowdoin	

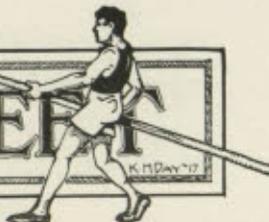


<i>Event</i>	<i>Place</i>	<i>College</i>	<i>Time, Height, or Distance</i>
Discus Throw	T. B. MOULTON	Bowdoin	109 ft. 9 in.
	L. W. LEADBETTER	Bowdoin	
	H. A. LEWIS	Bowdoin	
Pole Vault	L. LAWRASON	} Tied Technology Bowdoin Bowdoin	10 ft. 7 in.
	F. P. MCKENNEY		
	H. H. SAMPSON		

<i>Events</i>	<i>Summary of Points</i>	
	<i>Technology</i>	<i>Bowdoin</i>
100 Yards	9	
220 Yards	8	1
440 Yards	8	1
880 Yards	9	
One Mile	8	1
Two Miles	9	
120-Yard Hurdles	9	
220-Yard Hurdles	9	
Shot Put	5	4
Hammer Throw		9
High Jump	6 $\frac{3}{4}$	2 $\frac{1}{4}$
Broad Jump	5	4
Discus Throw		9
Pole Vault	4	5
Total	89$\frac{3}{4}$	36$\frac{1}{4}$



HOLY-CROSS MEET



TECHNOLOGY FIELD

MAY 2, 1914

<i>Event</i>	<i>Place</i>	<i>College</i>	<i>Time, Height, or Distance</i>
100 Yards	F. P. O'HARA	Technology	10 2-5 sec.
	C. W. LOOMIS	Technology	
	L. A. WILSON	Technology	
220 Yards	F. P. O'HARA	Technology	22 3-5 sec.
	C. W. LOOMIS	Technology	
	A. B. KELLY	Holy Cross	
440 Yards	B. F. LEE	Holy Cross	51 sec.
	T. H. GUETHING	Technology	
	A. F. PEASLEE	Technology	
880 Yards	C. T. GUETHING	Technology	2 min. 2 2-5 sec
	H. S. THOMPSON	Technology	
	J. T. HIGGENS	Holy Cross	
One Mile	H. S. BENSON	Technology	4 min. 34 2-5 sec.
	R. G. BROWN	Technology	
	M. G. GRAFF	Technology	
Two Miles	F. L. COOK	Technology	9 min. 49 sec.
	A. C. LITCHFIELD	Technology	
	F. J. WALL	Technology	
120-Yard Hurdles	T. H. HUFF	Technology	16 2-5 sec.
	F. A. GRADY	Holy Cross	
	E. D. SEWELL	Technology	
220-Yard Hurdles	T. H. HUFF	Technology	26 4-5 sec.
	R. A. MOONEY	Holy Cross	
	F. C. ATWOOD	Technology	
Shot Put	F. H. LESLIE	Technology	40 ft. 6 in.
	E. M. BRAWLEY	Holy Cross	
	E. F. CONWAY	Technology	
Hammer Throw	H. A. MILLER	Technology	105 ft. 9 in.
	E. F. CONWAY	Technology	
	G. R. STEVENS	Technology	
High Jump	W. A. SULLIVAN	Technology	5 ft. 6¾ in.
	E. A. TRESON	Technology	
	L. S. HALL	Technology	
	F. A. GRADY	Holy Cross	
Broad Jump	C. E. FOX	Technology	20 ft. 9½ in.
	W. E. TRAWELL	Holy Cross	
	C. S. REED	Technology	



Event	Place	College	Time, Height, or Distance
Discus Throw	E. M. BRAWLEY	Holy Cross	101 ft.
	G. A. BEACH	Technology	
	F. M. DOLAND	Holy Cross	
Pole Vault	L. LAWRASON	Technology	10 ft. 8 in.
	H. A. KNAPP	Technology	
	W. C. WOOD	Technology	
	F. A. GRADY	Holy Cross	

Events	Summary of Points	Technology	Holy Cross
100 Yards	9	
220 Yards	8	1
440 Yards	4	5
880 Yards	8	1
One Mile	9	
Two Miles	9	
120-Yard Hurdles	6	3
220-Yard Hurdles	6	3
Shot Put	6	3
Hammer Throw	9	
High Jump	8½	½
Broad Jump	6	3
Discus Throw	3	6
Pole Vault	7½	1½
Total	99½	26½





NEIAA MEET

HARVARD STADIUM

MAY 22, 23, 1914

<i>Event</i>	<i>Place</i>	<i>College</i>	<i>Time, Height, or Distance</i>
100 Yards	C. A. RICE	Maine	10 sec.
	F. P. O'HARA	Technology	
	A. S. LLEWELLYN	Dartmouth	
220 Yards	C. O. OLSON	Dartmouth	22 sec.
	A. C. RICE	Maine	
	F. P. O'HARA	Technology	
440 Yards	C. O. OLSON	Dartmouth	51 2-5 sec.
	A. S. LLEWELLYN	Dartmouth	
	C. W. F. O'CONNOR	Dartmouth	
880 Yards	E. C. RILEY	Dartmouth	1 min. 58 sec.
	A. F. PEASLEE	Technology	
	I. MERRILL	Colby	
One Mile	W. R. R. GRANGER, Jr.	Dartmouth	4 min. 28 sec.
	R. W. BELL	Maine	
	J. T. HIGGINS	Holy Cross	
Two Miles	C. T. GUETHING	Technology	9 min. 37 4-5 sec.
	F. R. MARCEAU	Dartmouth	
	M. THOMPSON	Colby	
120-Yard Hurdles	H. S. BENSON	Technology	16 sec.
	S. S. SALTMARSH	Dartmouth	
	F. L. COOK	Technology	
220-Yard Hurdles	S. S. SALTMARSH	Dartmouth	26 min. 2 1-5 sec.
	F. PRETI	Maine	
	A. N. COOK	Brown	
Shot Put	G. A. BRAUN	Dartmouth	46 ft. 2 3-4 in.
	K. ROYAL	Colby	
	E. M. HAY	Williams	
Hammer Throw	F. A. FRENCH	Maine	164 ft. 8 1-2 in.
	K. ROYAL	Colby	
	J. C. HUDSON	Trinity	
High Jump	T. H. HUFF	Technology	5 ft. 9 in.
	E. M. HAY	Williams	
	L. A. WHITNEY	Dartmouth	
Hammer Throw	A. E. BARTLETT	Brown	164 ft. 8 1-2 in.
	E. M. BRAWLEY	Holy Cross	
	F. H. LESLIE	Technology	
High Jump	H. P. BAILEY	Maine	5 ft. 9 in.
	L. MURCHIE	Colby	
	L. W. LEADBETTER	Bowdoin	
High Jump	J. C. HUDSON	Trinity	5 ft. 9 in.
	G. C. PALMER	Maine	
	W. A. SULLIVAN	Technology	
High Jump	H. L. SMITH	Dartmouth	5 ft. 9 in.
	E. A. TEESON	Technology	
	L. HUTHSTIENER	Amherst	
High Jump	I. C. WHITE	Brown	5 ft. 9 in.



Event	Place	College	Time, Height, or Distance	
Broad Jump	P. G. NORDELL	Dartmouth	23 ft.	
	C. S. REED	Technology		
	J. P. WARREN	Dartmouth		
Discus Throw	F. A. FRENCH	Maine	126 ft. 6 1-2 in.	
	A. E. BARTLETT	Brown		
	L. A. WHITNEY	Dartmouth		
	L. W. LEADBETTER	Bowdoin		
	H. P. BAILEY	Maine		
Pole Vault	C. E. BUCK	Dartmouth	11 ft. 4 in.	
	L. LAWASON	Technology		
	F. P. MCKENNEY	} Tied		Bowdoin
	G. KING			Williams

Summary of Points

	Dartmouth	Maine	Technology	Colby	Brown	Bowdoin	Williams	Trinity	Holy Cross	Amherst
100 Yards	3	5	3	-	-	-	-	-	-	-
220 Yards	3	5	3	-	-	-	-	-	-	-
440 Yards	8	-	2	1	-	-	-	-	-	-
880 Yards	5	3	1	-	-	-	-	-	2	-
One Mile	6	-	2	3	-	-	-	-	-	-
Two Miles	3	2	5	-	1	-	-	-	-	-
High Hurdles	5	1	-	3	-	-	2	-	-	-
Low Hurdles	-	-	2	5	-	-	1	3	-	-
Shot Put	7	-	1	-	3	-	-	-	-	-
Hammer Throw	-	5	-	3	-	2	-	1	-	-
High Jump	2½	5	2½	-	½	-	-	-	-	½
Broad Jump	7	1	3	-	-	-	-	-	-	-
Discus Throw	3	1	-	-	5	2	-	-	-	-
Pole Vault	5	-	2	-	-	2	2	-	-	-
Totals	57½	28	26½	15	9½	6	5	4	2	½



RELAY TEAMS



KANALY REED COLLEARY O'HARA GUETHING BROCK WEBSTER



KANALY ALLEN HAMILTON BROCK COOK WEBSTER

RELAY TEAMS

THE relay season just finished has marked another big step forward for Tech athletics, thanks to an efficient management that succeeded in arranging a much improved schedule, a coach who could turn out the fastest relay team that has ever represented the Institute, and a squad of candidates that made such a record possible.

The first two meets of the season both resulted in defeats, the short distance team losing to Harvard and Holy Cross at the C. A. C. meet and the Irish American games. Neither of these could be considered in any way disgraceful, for Harvard won only by inches, and in the Holy Cross meet Guething did not run. Both served to put the team on edge for their annual race with Dartmouth at the B. A. A. games, and here they proved their claim to fame; for they not only won their race, but did it in the fastest time that a Tech team has ever made.

Two weeks after the B. A. A. meet, the team went to Hartford and Providence. At Hartford the short distance relay defeated Georgetown, while the two mile race was lost to Dartmouth. The last race of the season was at the I. C. A. A. A. meet in New York, where a four mile team was entered. With Cornell conceded first place, the real contest was for runner up, and in this Tech came out on top, defeating Penn and Princeton in easy fashion.

ONE MILE TEAM

COAST ARTILLERY MEET, Boston, Mass.	January 23, 1915
Opponent, Harvard. Won by Harvard. Time, 2 min. 34 3-5 sec.	
IRISH-AMERICAN MEET, Boston, Mass.	January 30, 1915
Opponent, Holy Cross. Won by Holy Cross. Time, 3 min. 11 sec.	



FOUR MILE TEAM



COOK BROWN GUETHING ALLAN WEBSTER

ONE MILE TEAM

- B. A. A. GAMES, Boston February 6, 1915
 Opponent, Dartmouth. Won by Technology. Time,* 3 min. 8 1-5 sec.
- HARTFORD MEET, Hartford, Conn. February 19, 1915
 Opponent, Georgetown. Won by Technology. Time, 3 min. 38 1-5 sec.

TWO MILE TEAM

- PROVIDENCE A. A. GAMES, Providence, R.I. February 20, 1915
 Opponent, Dartmouth. Won by Dartmouth. Time, 6 min. 13 4-5 sec.

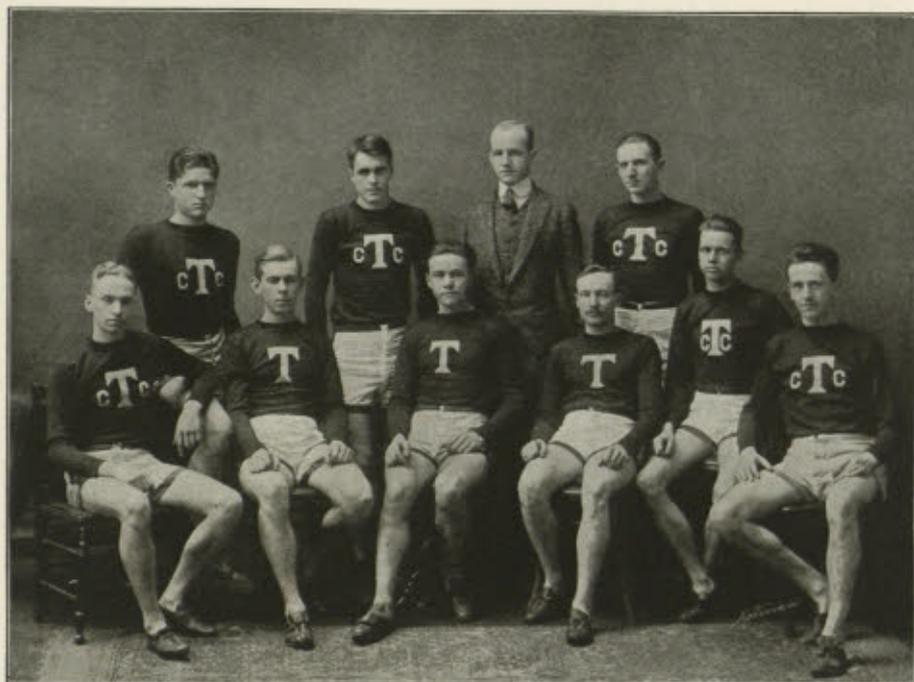
FOUR MILE TEAM

- I. C. A. A. A., at New York March 6, 1915
 Won by Cornell. Time, 21 min. 15 3-5 sec. Technology, second. Pennsylvania, third.

* New record.



CROSS-COUNTRY TEAM



HARRINGTON BROWN WEBSTER LITCHFIELD
BRADLEY BENSON COOK NYE GRAFF WALL

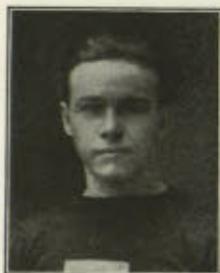
Captain

FRED LYSLE COOK

Manager

DONALD BLAKE WEBSTER





Captain COOK



THE 1914 Cross-country season was one which even surpassed the high records maintained during the past few years. The work was made somewhat simpler by the return of practically all of the last year's men, and with the development of some new material by Frank's systematic coaching, a fast, well-balanced team was turned out.



Manager WEBSTER

After the usual number of practice meets, the team was ready for its first opponent, Holy Cross. This race, although held on the Holy Cross course, was even more of a walkaway for Technology than it had been the preceding year, and resulted in a twenty-one to eighty-one victory, the entire Tech squad finishing before the first Holy Cross runner. The next race was the N. E. I. A. A., held on the Franklin Field course, and was the first real test for the team. Contrary to Tech's hopes, Maine was the winner with



sixty-six points, Technology a close second with sixty-nine points, and Dartmouth third with seventy-four, the illness of Brown, Tech's star, being undoubtedly responsible for Maine's victory. The



improvement of the team was clearly shown by coming up two places over the year before.

The last and hardest run of the season was I. C. A. A. A. A., at New Haven. With most of the colleges making a better showing than they had done the year preceding, the competition afforded by this race was particularly keen. Cornell duplicated her last year's performance, winning easily, and Harvard, Yale and Technology came in the order named. Cook was the first to finish for Technology, with the other members of the team finishing in well-balanced order.

All the men on the team have run well throughout the season; Brown in particular showing wonderful improvement over last year. The places secured in the two large intercollegiate runs show clearly the high position which Technology now holds in Cross-country, and with Capt. Freddy Cook the only star lost by graduation, next year's team may be expected to go even higher.

ANNUAL HANDICAP CROSS-COUNTRY RUN

OCTOBER 12, 1914

WAKEFIELD COURSE

Distance, 7½ miles

<i>Order of Finish</i>	<i>Handicap</i>	<i>Elapsed Time</i>	<i>Actual Time</i>
MURRAY GENSEL GRAFF, 1916	5¾ min.	47 min. 41 sec.	41 min. 56 sec.
RAYMOND GROUT BROWN, 1916	6¼ min.	49 min. 21 sec.	43 min. 6 sec.
ALLYNE CUSHING LITCHFIELD, 1917	6 min.	49 min. 35 sec.	43 min. 35 sec.
DONALD GEORGE BRADLEY, 1918	4¾ min.	49 min. 38 sec.	44 min. 53 sec.
BARNETT FRED DODGE, 1917	5¼ min.	49 min. 39 sec.	44 min. 24 sec.

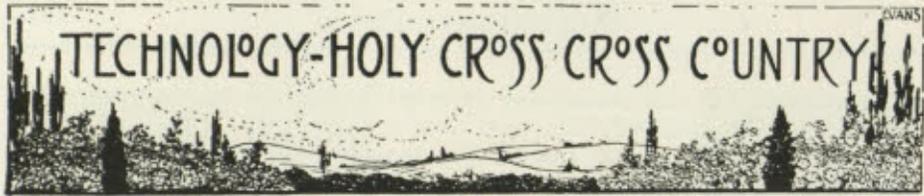
Record for Wakefield Course, 41 min. 36 sec. Held by A. F. NYE, 1914

Record for West Roxbury Course, 46 min. 23 sec. Held by H. H. HOWLAND, 1909

Winners of Cups

First Prize	MURRAY G. GRAFF, 1916
Second Prize	RAYMOND G. BROWN, 1916
Time Prize	ALLYNE C. LITCHFIELD, 1917





NOVEMBER 6, 1914

HOLY CROSS COURSE

Distance, 4½ miles

Time, 26 min. 12 2-5 sec.

Team Scores

TECHNOLOGY	1	2	3	4	5	6	21
HOLY CROSS	11	12	13	14	15	16	81

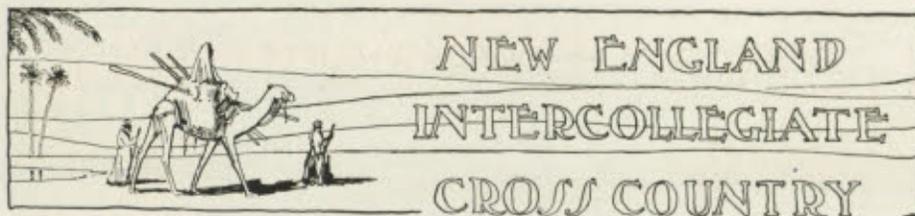
Individual Winners

1. R. G. BROWN	Technology
2. F. L. COOK	Technology
3. H. S. BENSON	Technology
4. D. G. BRADLEY	Technology

Order of Finish of Technology Team

1. RAYMOND GROUT BROWN, 1916
2. FRED LYSLE COOK, 1915
3. HENRY SUMNER BENSON, 1916
4. DONALD GEORGE BRADLEY, 1918
5. FRANCIS JAMES WALL, 1915
6. MURRAY GENSEL GRAFF, 1916





UNDER THE AUSPICES OF THE N. E. I. A. A.

NOVEMBER 14, 1914

FRANKLIN FIELD COURSE

Distance, 4½ miles

Time, 25 min. 15 3-5 sec.

Summary of Points of the First Five Teams

<i>College</i>	<i>Positions</i>					<i>Score</i>
MAINE	1	3	7	21	34	66
TECHNOLOGY	4	9	17	19	20	69
DARTMOUTH	10	11	14	16	23	74
M. A. C.	6	8	26	33	42	115
WILLIAMS	2	27	29	37	41	136

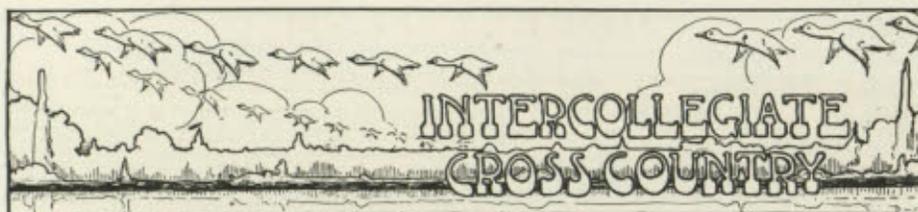
Individual Winners

- | | | | |
|--------------------------|----------|-------------------------|------------|
| 1. F. P. PRETI | Maine | 3. W. BELL | Maine |
| 2. A. SHRIVER | Williams | 4. F. L. COOK | Technology |

Order of Finish of Technology Team

- 4. FRED LYSLE COOK, 1915
- 9. RAYMOND GROUT BROWN, 1916
- 17. DONALD GEORGE BRADLEY, 1918
- 19. HENRY SUMNER BENSON, 1916
- 20. FRANCIS JAMES WALL, 1915





UNDER THE AUSPICES OF THE I. C. A. A. A.

NOVEMBER 21, 1914.

NEW HAVEN

Distance, 6 miles

Time, 34 3-5 sec.

Summary of Points

<i>College</i>	<i>Positions</i>					<i>Score</i>
CORNELL	1	5	8	9	12	35
HARVARD	6	13	15	19	24	77
YALE	4	10	20	27	30	91
TECHNOLOGY	11	14	18	34	36	113
PENNSYLVANIA	7	16	25	29	37	114
PRINCETON	2	23	26	35	43	129
COLBY	3	22	38	42	45	150
DARTMOUTH	28	31	32	39	41	171
BROWN	21	33	40	49	52	195
COLUMBIA	17	46	48	50	53	214
C. C. N. Y.	44	47	51	54	55	251

Individual Winners

1. D. F. POTTER, Jr.	Cornell	3. E. WENZ	Colby
2. G. MORRISON	Princeton	4. J. W. OVERTON	Yale

Order of Finish of Technology Team

11. F. L. COOK, 1915	18. H. S. BENSON, 1916
14. R. G. BROWN, 1916	34. F. J. WALL, 1916
36. A. C. LITCHFIELD, 1916	



HOCKEY TEAM



JOHNSON COWARD MACRAE TUTEIN YOUNG
 TOYE WOODWARD WINTON FLETCHER COCHRANE GOULD

RALPH LESLIE FLETCHER, 1915, *Captain*

NELSON MACRAE, 1916, *Manager*

Team

RALPH LESLIE FLETCHER, 1915	Right Wing
RAYMOND STEWART COWARD, 1918	Left Wing
CLARENCE COCHRANE, 1917	Rover
CLIFFORD DILLAWAY WINTON, 1917	Centre
PRESCOTT WILDER GOULD, 1918	Cover Point
JOHN BLOSSOM WOODWARD, 1918	Point
GARDNER ENDICOTT JOHNSON, 1918	Goal

Substitutes

HAROLD YOUNG KEELER, 1917

KENNETH BERTRUM TOYE, 1917

CHESTER ROBINSON TUTEIN, 1918





Captain FLETCHER



If the number of games won is used as the basis of judgment on the past hockey season, it cannot be said to have been very successful; but when the facts that the teams played were the strongest in New England, that the team had to climb out of the rut in which the previous disastrous season had placed it, are taken into consider-



Manager MACRAE

ation, the season can well be termed a fairly satisfactory one. The Athletic Association, for the first time, agreed to help the team financially, and it was decided to secure a coach. This, however, was not possible until after the opening of the season.

The first game was with Harvard after only five days of practice, and resulted in a 6-2 defeat. This game showed that there was some good material in the squad, and that only practice and training were necessary for the development of a first-class team. After the Harvard game, Denesha was secured as coach, and his experience and ability as such soon made a marked improvement in the playing of the team.

In the game with Yale the team showed the best form of the season, and it seemed as if a victory for Technology was certain; but Yale scored a goal in the last few minutes of play, evening up the score and necessitating a ten-minute overtime period in which Yale scored twice, making the final score 5-3 in their favor.

The next game, with the Amherst Aggies, was played on poor ice and without the services of Winton, one of Technology's strongest forwards. The result was a 2-0 victory for the Aggies. This game was the last before the mid-winter trip, planned to include Williams, Providence Hockey Club, Springfield Training School, New Haven Arena, West Point, and Dartmouth. Owing to bad ice and lack of time after the examinations, all of these games had to be cancelled except the ones with Dartmouth and the New Haven Arena.

In the game with New Haven the Technology team was completely outclassed, and defeated 8-0, only the good work of Johnson, the Technology goal, preventing a larger score. The next day, Feb-



ruary 4, the team played Dartmouth at Hanover, and as Dartmouth seemed to have a championship team, another bad trimming was looked for. Technology, however, played well, and had it not been for the excellent work of the Dartmouth goal, a very close game would have resulted, the final score being only 4-1 in Dartmouth's favor.

The last game was with Williams at Williamstown, and again Technology was handicapped by the loss of some of her best players and poor ice, losing the game by the score of 3-0.

The spirit of the team during the past season is to be highly commended, and although no games were won, a good showing was made in all of the games where hockey conditions were favorable. Much credit is due Captain Fletcher and Manager MacRae for their work, and the various other stars of the team, but it is in the marked improvement in team play that the Institute should find cause for satisfaction. One or two more such seasons, and Technology may expect to see her hockey team on an equal footing with any of the leaders.

Schedule of Games

		<i>Technology</i>		<i>Opponents</i>
Dec. 16, 1914	Harvard at the Boston Arena	2		6
*Jan. 15, 1915	Yale at New Haven	3		5
Jan. 16, 1915	M. A. C. at Amherst	0		2
Feb. 3, 1915	New Haven Arena at New Haven	0		8
Feb. 4, 1915	Dartmouth at Hanover	1		4
Feb. 20, 1915	Williams at Williamstown	0		3

Points for the Season

Technology, 6

Opponents, 28

Games won, 0; games lost, 6

* Ten-minute extra period.





Captain CROWELL



HE wrestling season of 1914-15 started early in September with about twenty-five men as candidates, this squad being increased after Field Day by the addition of thirty-five Freshmen. The absence of Kelly, last year's captain, was keenly felt, but the men went at their work in a systematic and untiring way, consequently a good team resulted.



Manager MORSE

The first meet of the season was with the Beverly Y. M. C. A. at Beverly, and Technology succeeded in winning by the score of 5-3. On December 19th the Beverly team was again defeated at the Technology Gymnasium, taking only one bout out of the seven. The first 1915 opponent was the Clapp Memorial Association at East Weymouth. In this meet Technology took six out of eight bouts, winning an easy victory.

Brown University was the first college team encountered and gave a good opportunity to compare the team with that of last year, for Brown presented practically the same team, while Technology had only three of last year's men. The bouts were closely contested, but Technology was a complete victory, scoring 30 points to Brown's 0.

After a rather disastrous encounter with a skin disease which necessitated the abandonment of the mid-year trip, the Salem Y. M. C. A. were taken on, and a 4-3 victory secured.

The Harvard meet was set for March 3, and as only one member of their last year's team was back, a very close match was looked for. Technology was successful in getting more falls, but by receiving a great enough number of decisions Harvard managed to come out the winner by only one point. After this meet the team met the Springfield Y. M. C. A. at Springfield and was defeated by the score of 13-8, these two defeats being the only flaws in an otherwise three years' string of victories.

<i>Schedule</i>		<i>Technology</i>	<i>Opponents</i>
Nov. 28, 1914	Beverly Y. M. C. A. at Beverly	5	3
Dec. 19, 1914	Beverly Y. M. C. A. at Boston	6	1
Jan. 2, 1915	Clapp Memorial at East Weymouth	6	2
Jan. 16, 1915	Brown University at Boston	30	0
Feb. 27, 1915	Salem Y. M. C. A. at Salem	4	3
Mar. 3, 1915	Harvard University at Boston	2	3
Mar. 6, 1915	Springfield Y. M. C. A. at Springfield	8	13

Points of the Season

Technology, 61. Meets won, 5. Opponents, 25. Meets lost, 2.



President and Manager

FREDERICK LEWIS HURLBUTT, 1915

Vice-President

JASPER BLANCHARD CARR, 1916

Secretary and Treasurer

GERALD WALTER BLAKELEY, 1914

MEMBERS

GERALD WALTER BLAKELEY, 1914	FREDERICK LEWIS HURLBUTT, 1915
JASPER BLANCHARD CARR, 1916	ERNEST EDWARD POLLEY, 1916
HAROLD VAN VECHTEN FAY, 1914	HOWARD RAITT STEWART, 1916
EDWARD ROLLINS GOODWIN, Jr., 1914	ROBERT ATHERTON WARREN, 1915
WILLIAM BERNARD HARRIS, 1914	DONALD ELIOT WOODBRIDGE, 1916

Spring Tournament, 1914

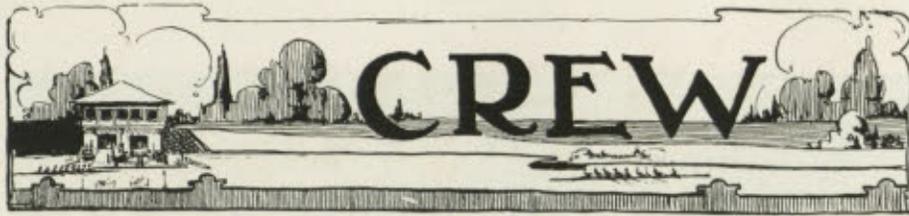
May 9, 1914	{ Technology v. Tufts at Medford } Won by Technology
May 13, 1914	{ Harvard v. Technology at Cambridge } Won by Harvard
May 21, 1914	{ Harvard v. Technology at Cambridge } Won by Harvard
May 2, 1914	{ Holy Cross v. Technology at Boston } Won by Technology

Fall Tournament, 1914

Doubles won by { ERNEST EDWARD POLLEY, 1916
} ROBERT ATHERTON WARREN, 1915

Singles tie between { ROBERT ATHERTON WARREN, 1915
} HOWARD RAITT STEWART, 1916





CREW

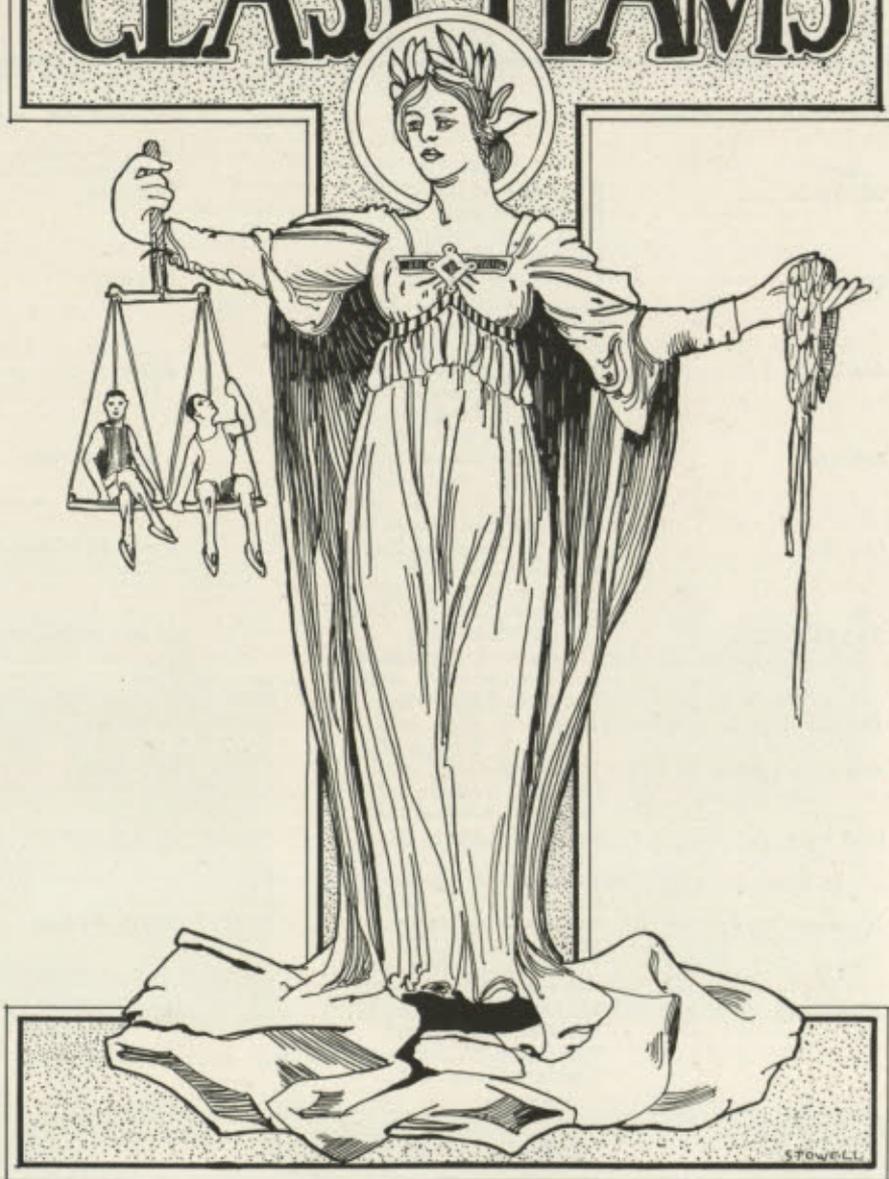


TOYE McDONALD DUNNING BROOKS CANBY

<i>Name</i>	1914	<i>Position</i>	<i>Name</i>	1916	<i>Position</i>
ARTHUR LOVEJOY TODT		Bow	PAUL HARRINGTON DUFF		Bow
OSBORN RICKER FREEMAN		2	L'ROCHE GEORGE BOUSQUET		2
HERMAN ANDREW AFFEL		3	HAROLD CHIPMAN FULLER		3
EDWIN OSGOOD UPHAM		Stroke	STEVEN ROSS BERKOWITZ		Stroke
FREDERICK PHILLIP KARNS		Cox.	JAMES PHILIP UHLINGER		Cox.
1915			1917		
WILLIAM SOMMER		Bow	KENNETH BERTRUM TOYE		Bow
JOHN SMALLBROOK		2	STANLEY COVERT DUNNING		2
CLIFFORD EDWARD SIPTON		3	RALPH FREDERICK F. BROOKS		3
NICHOLAS VAN SLYCK MUMFORD		Stroke	HAROLD JOSEPH McDONALD		Stroke
HERBERT WALFRED ANDERSON		Cox.	ALBERT THRESHER CANBY		Cox.



CLASS TEAMS





TECHNOLOGY FIELD

APRIL 17, 1914

<i>Event</i>	<i>Place</i>	<i>Time, Height, or Distance</i>
100 Yards	FRANCIS P. O'HARA, 1917 LOUIS A. WILSON, 1914 CHARLES W. LOOMIS, 1916 HAROLD S. WILKINS, 1914	10 2-5 sec.
220 Yards	CHARLES W. LOOMIS, 1916 FRANCIS P. O'HARA, 1917 LOUIS A. WILSON, 1914 HAROLD S. WILKINS, 1914	22 3-5 sec.
440 Yards	THEODORE H. GUETHING, 1914 ARTHUR F. PEASLEE, 1914 HOWARD S. THOMPSON, 1917 KEMERTON DEAN, 1916	53 sec.
880 Yards	JOHN J. DONNELLY, 1917 MALCOLM C. BROCK, 1917 STUART W. GURNEY, 1915 REGINALD F. POLLARD, 1915	2 min. 7 3-5 sec.
One Mile	CARL T. GUETHING, 1916 FRED L. COOK, 1915 HENRY S. BENSON, 1916 RAYMOND G. BROWN, 1916	4 min. 37 2-5 sec.
Two Miles	FRED L. COOK, 1915 ARTHUR C. LITCHFIELD, 1917 MURRAY G. GRAFF, 1916 FRANK J. WALL, 1915	10 min. 20 2-5 sec.
120-Yard Hurdles	THOMAS H. HUFF, 1915 NEWELL L. FOSTER, 1915	16 3-5 sec.
220-Yard Hurdles	THOMAS H. HUFF, 1915 FRANK C. ATWOOD, 1914 ALBERT C. LIEBER, 1916	27 2-5 sec.
Shot Put	FRANK H. LESLIE, 1914 NORMAN D. McLEOD, 1914 RICHARD J. FAVORITE, 1914 CHARLES E. FOX, 1914	37 ft.
Hammer Throw	NORMAN D. McLEOD, 1914 LEO B. MILLER, 1915 EUGENE F. CONWAY, 1915 GEORGE R. STEVENS, 1917	100 ft. 8 1-2 in.
High Jump	WILLIAM A. SULLIVAN, 1917 NOAH W. GOKEY, 1917 FREDERICK W. CHILDS, 1916 LESLIE S. HALL, 1914	5 ft. 6 in.



Event	Place	Time, Height, or Distance
Broad Jump	WILLIAM B. COLLEARY, 1917 CHARLES E. FOX, 1914 NORMAN D. MCLEOD, 1914 GEOFFREY L. REID, 1916	21 ft. 2½ in.
Discus Throw	NORMAN D. MCLEOD, 1914 GEORGE A. BEACH, 1914 LEO B. MILLER, 1915 NOAH W. GOKEY, 1917	115 ft. 1 in.
Pole Vault	LEVERING LAWRASON, 1916 WALTER C. WOOD, 1917 } Tie HAROLD A. KNAPP, 1917 } WILLIAM B. COLLEARY, 1917	10 ft.

Summary of Points

1914 . . . 49 1915 . . . 34 1916 . . . 28 1917 . . . 39

Hurd Cup—High Hurdles
THOMAS H. HUFF

Batchelder Cup—One Mile
CARL T. GUETHING

Rockwell Cup—440 Yards
THEODORE H. GUETHING

Inter-Class Relay Race. Won by 1917

Alumni Council Cup

Second, 1916. Third, 1914. Fourth, 1915

Distance, 1½ miles

Time, 4 min. 56 3-5 sec.



"Cy" GUETHING WINNING THE MILE

1917 Team

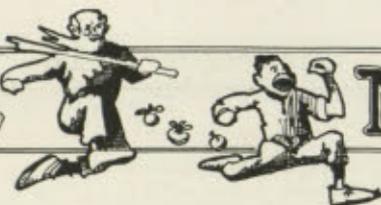
- WILLIAM A. SULLIVAN,
Captain
- FRANCIS V. DU PONT,
Manager
- MALCOLM C. BROCK
- JOHN J. DONNELLY
- JAMES W. DOON
- ROBERT C. ERB
- FRANCIS P. O'HARA
- FRANK E. PEACOCK
- HAROLD J. QUILHOT
- RALPH H. ROSS
- THOMAS W. RYAN
- WILLIAM A. SULLIVAN
- HOWARD S. THOMPSON
- LESTER A. WILLIAMS



PART OF THE CROWD



FALL MEET



NEW TECHNOLOGY FIELD

NOVEMBER 7, 1914.

<i>Event</i>	<i>Place</i>	<i>Handicap</i>	<i>Time, Height, or Distance</i>
100 Yards	GEOFFREY L. REID, 1916	3 yds.	11 sec.
	STUART G. WALLACE, 1918	7 yds.	
	WILLIAM A. SULLIVAN, 1917	Scratch	
	HAROLD J. QUILHOT, 1917	4 yds.	
220 Yards	RAYMOND S. COWARD, 1918	7 yds.	24 2-5 sec.
	WILLIAM A. SULLIVAN, 1917	Scratch	
	STUART G. WALLACE, 1918	12 yds.	
	KARL L. FORD, 1918	7 yds.	
440 Yards	HENRY P. PINKHAM, 1916	25 yds.	52 3-5 sec.
	RAYMOND S. COWARD, 1918	18 yds.	
	CARL T. GUETHING, 1916	Scratch	
	RALSTON B. SMYTH, 1918	32 yds.	
880 Yards	ERNEST C. GAGNON, 1916	35 yds.	2 min. 2 4-5 sec.
	MALCOLM C. BROCK, 1917	40 yds.	
	DEAN H. PARKER, 1917	55 yds.	
	EDWIN J. GOLDSTEIN, 1916	65 yds.	
One Mile	HAMISH ALLEN, 1917	12 sec.	4 min. 38 4-5 sec.
	RAYMOND G. BROWN, 1916	Scratch	
	FRED L. COOK, 1915	3 sec.	
	LOUIS H. ZEPFLER, 1915	21 sec.	
Two Miles	CHARLES W. LIPPET, 1918	58 sec.	10 min. 2 sec.
	MALCOLM C. BROCK, 1917	25 sec.	
	DONALD G. BRADLEY, 1918	58 sec.	
	WALTER HARRINGTON, 1917	30 sec.	
120-Yard Hurdles	THOMAS H. HUFF, 1915	Scratch	16 3-5 sec.
	EDWARD D. SEWELL, 1917	6 yds.	
220-Yard Hurdles	THOMAS H. HUFF, 1915	Scratch	29 sec.
	EDWARD D. SEWELL, 1917	6 yds.	
Shot Put	GEORGE R. STEVENS, 1917	4 in.	36 ft. 5 in.
	WINTHROP C. SWAIN, 1916	Scratch	
	CARL T. GUETHING, 1916	5 in.	
	WILLIAM B. COLLEARY, 1917	6 in.	



<i>Event</i>	<i>Place</i>	<i>Handicap</i>	<i>Time, Height, or Distance</i>
High Jump	RAYMOND D. GLADDING, 1915	6 in.	5 ft. 10 in.
	WILLIAM A. SULLIVAN, 1917	2 in.	
	JOHN H. MACKINNON, 1915	Scratch	
	STUART G. WALLACE, 1918	3 in.	
Broad Jump	JULIAN M. AVERY, 1918	9 in.	21 ft. 7 in.
	CHARLES S. REED, 1916	8 in.	
	WILLIAM B. COLLEARY, 1917	Scratch	
	NOAH W. GOKEY, 1917	10 in.	
Pole Vault	DOUGLAS R. BUCHANAN, 1918	14 in.	10 ft. 3 in.
	EDWARD D. SEWELL, 1917	15 in.	
	LEVERING LAWRASON, 1916	Scratch	

Summary of Points

1915	22	1917	37
1916	33	1918	33



INDOOR MEET



TECHNOLOGY GYMNASIUM

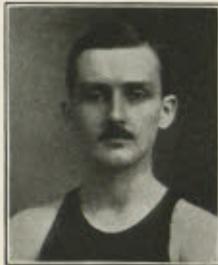
JANUARY 9, 1915

<i>Event</i>	<i>Place</i>	<i>Time, Height, or Distance</i>
35 Yards	FRANCIS P. O'HARA, 1917 CHARLES W. LOOMIS, 1916 WILLIAM E. ADAMS, 1917 WILLIAM B. COLLEARY, 1917	4 1-5 sec.
440 Yards	CHARLES S. REED, 1916 WILLIAM B. COLLEARY, 1917 } Tie	58 sec.
880 Yards	CARL T. GUETHING, 1916 MALCOLM C. BROCK, 1917 HAMISH ALLAN, 1917 ALFRED F. NYE, 1915	2 min. 10 4-5 sec.
40-Yard Hurdles	THOMAS H. HUFF, 1915 NEWELL L. FOSTER, 1915 EDWARD D. SEWELL, 1917 ROBERT W. VAN KIRK, 1918	5 3-5 sec.
One Mile	FRED L. COOK, 1915 BARNETT F. DODGE, 1917 DEAN H. PARKER, 1917 HENRY C. STEPHENS, 1918	4 min. 48 2-5 sec.
High Jump	CARL E. BUCK, 1915 ERCELL A. TEESON, 1915 WILLIAM A. SULLIVAN, 1917 NEWELL L. FOSTER, 1915	5 ft. 7 in.
Shot Put	WINTHROP C. SWAIN, 1916 EDWARD D. SEWELL, 1917 DONALD M. STEVENS, 1917 DONALD M. MACRAE, 1916	35 ft. 9 3-4 in.
Pole Vault	CARL E. BUCK, 1915 LEVERING LAWRASON, 1916 DOUGLAS R. BUCHANAN, 1918 EDWARD D. SEWELL, 1917	11 ft.

Summary of Points

1915 . . . 28 1916 . . . 22½ 1917 . . . 33½ 1918 . . . 4





Captain BEST

Chase Captain

LEONARD ERNEST BEST, 1915

Assistant Chase Captain

HAROLD PARKER GRAY, 1916



Asst. Capt. GRAY

Members

HENRY SUMNER BENSON, 1916
 LEONARD ERNEST BEST, 1915
 FRANKLIN ANDREWS GERMINGHAM, 1918
 JACOB JOSEPH BOLOYIN, 1918
 MALCOLM CAMERON BROCK, 1917
 RAYMOND GROUT BROWN, 1916
 DONALD GEORGE BRADLEY, 1918
 TRISTRAM JOSEPH CAMPBELL, 1918
 FRED LYSLE COOK, 1915
 WILLIAM HENRY COSTELLOE, 1918
 BARNETT FRED DODGE, 1917
 ERNEST CAMILLE GAGNON, 1916
 HAROLD PARKER GRAY, 1916
 MURRAY GENSEL GRAFF, 1916
 CARL THEODORE GUETHING, 1916

EDWIN JACOB GOLDSTEIN, 1916
 BENJAMIN MORRILL GREELEY, 1918
 WALTER HARRINGTON, 1917
 WILLIAM JENNINGS, 1915
 CLIVE WOODBURY LACY, 1915
 RALPH STANLEY LEONARD, 1918
 STEPHEN SPAULDING MASON, 1917
 LANSING McVICKAR, 1918
 JAMES HAROLD MURDOUGH, 1916
 DEAN HUNTINGTON PARKER, 1917
 REGINALD FLINT POLLARD, 1915
 ALLYNE CUSHING LITCHFIELD, 1917
 ALFRED FRANCIS NYE, 1915
 WILLIAM BENJAMIN SPENSER, 1915
 CHARLES WHITMORE WHITEHALL, 1915

Schedule of Hare and Hounds Runs

Wellesley	March 14, 1914
Newton	March 21, 1914
Tech Course	March 28, 1914
Tech Course	April 4, 1914
Newton	October 3, 1914
Wakefield	October 10, 1914
Tech Course	October 14, 1914
Wakefield	October 17, 1914
Tech Course	October 21, 1914
Wakefield	October 31, 1914





FRESHMAN-SOPH

1916-1917

TECHNOLOGY FIELD

APRIL 11, 1914

<i>Event</i>	<i>Place</i>	<i>Time, Height, or Distance</i>
100 Yards	FRANCIS P. O'HARA, 1917 CHARLES W. LOOMIS, 1916 ROBERT C. ERB, 1917	10 3-5 sec.
220 Yards	CHARLES W. LOOMIS, 1916 FRANCIS P. O'HARA, 1917 ROBERT C. ERB, 1917	23 4-5 sec.
440 Yards	HOWARD S. THOMPSON, 1917 KEMERTON DEAN, 1916 LESTER A. WILLIAMS, 1917	54 sec.
880 Yards	CARL T. GUETHING, 1916 JOHN J. DONNELLY, 1917 MALCOLM C. BROCK, 1917	2 min. 6 3-5 sec.
One Mile	RAYMOND G. BROWN, 1916 LAWRENCE J. ALLEN, 1917 WALTER HARRINGTON, 1917	4 min. 54 2-5 sec.
Two Miles	HENRY S. BENSON, 1916 MURRAY G. GRAFF, 1916 ALLYNE C. LITCHFIELD, 1917	10 min. 16 2-5 sec.
120-Yard Hurdles	EDWARD D. SEWELL, 1917 EDWARD H. CLARKSON, 1916	19 3-5 sec.
220-Yard Hurdles	ALBERT C. LIEBER, 1916 EDWARD D. SEWELL, 1917 ODEN B. PYLE, 1916	29 3-5 sec.
Shot Put	EDWARD D. SEWELL, 1917 WILLIAM H. SEYMOUR, 1917 NELSON McRAE, 1916	35 ft. 7 in.
Hammer Throw	GEORGE R. STEVENS, 1917 WILLIAM H. SEYMOUR, 1917 HENRY P. PINKHAM, 1916	86 ft.
High Jump	WILLIAM A. SULLIVAN, 1917 SHATSWELL OBER, 1916 NOAH W. GOKEY, 1917	5 ft. 6 in.
Broad Jump	FREDERICK W. CHILDS, 1916 CHARLES S. REED, 1916 THOMAS W. RYAN, 1917	19 ft. 4 in.
Discus Throw	LOWELL CADY, 1917 EDWARD D. SEWELL, 1917 NOAH W. GOKEY, 1917	86 ft. 6 in.
Pole Vault	RICHARD O. LOWENGARD, 1917 LEVERING LAWRASON, 1916 HAROLD A. KNAPP, 1917 WALTER A. WOOD, 1917 } Tied WALTER C. WOOD, 1917 }	10 ft.

Summary of Points

1916 54 1-2

1917 70 1-2



MORE MEETS

1917—1918

TECHNOLOGY GYMNASIUM

MARCH 3, 1915

<i>Event</i>	<i>Winners</i>	<i>Time, Height, or Distance</i>
85 Yards	FRANCIS P. O'HARA, 1917 SUNG S. KWAN, 1918 JAMES W. DOON, 1917	4 2-5 sec.
40-Yard Hurdles	EDWARD D. SEWELL, 1917 DUDLEY E. BELL, 1917 ARTHUR J. GIURANOVICH, Jr., 1918	6 1-5 sec.
440 Yards	MALCOLM C. BROCK, 1917 JULIAN M. AVERY, 1918 WILLIAM A. SULLIVAN, 1917	59 3-5 sec.
880 Yards	MALCOLM C. BROCK, 1917 NORMAN R. HAMILTON, 1918 RAYMOND S. COWARD, 1918	216 1-5 sec.
One Mile	ARTHUR C. LITCHFIELD, 1917 JOHN H. EARL, 1918 } Tied DEAN H. PARKER, 1917 }	4 min. 59 4-5 sec.
High Jump	WILLIAM A. SULLIVAN, 1917 JAMES W. DOON, 1917 } Tied NOAH W. GOKEY, 1917 }	5 ft. 3 in.
Pole Vault	HAROLD A. KNAPP, 1917 DOUGLAS R. BUCHANAN, 1918 EDWARD D. SEWELL, 1917	9 ft.

Summary of Points

1917	47
1918	16



FRESHMAN-SOPHOMORE (ROSS) COUNTRY



DODGE DE MARS BROCK LITCHFIELD ALLAN PARKER HAVILAND





Captains

1916

HENRY SUMNER BENSON

1917

ALLYNE CUSHING LITCHFIELD



Capt. LITCHFIELD

Coach KANALY

Teams

1916

HENRY SUMNER BENSON
 CARL THEODORE GUETHING
 RAYMOND GROUT BROWN
 MURRAY GENSEL GRAFF
 HAROLD PARKER GRAY
 EDWIN JACOB GOLDSTEIN

1917

ALLYNE CUSHING LITCHFIELD
 JOHN JAMES DONNELLY
 WALTER HARRINGTON
 DEAN HUNTINGTON PARKER
 PAUL ALVIN DE MARS
 LAWRENCE JAMES ALLEN

APRIL 4, 1914

TECHNOLOGY COURSE

Distance, 4½ miles

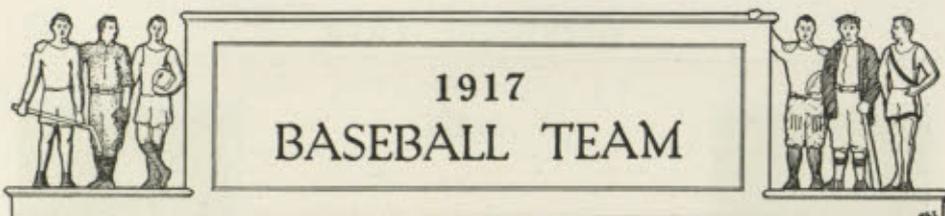
Score, 1917, 38; 1916, 42

Order of Finish

Time

HENRY SUMNER BENSON, 1916	24 min. 26 sec.
ALLYNE CUSHING LITCHFIELD, 1917	24 min. 48 sec.
CARL THEODORE GUETHING, 1916	25 min. 45 sec.
JOHN JAMES DONNELLY, 1917	
WALTER HARRINGTON, 1917	
RAYMOND GROUT BROWN, 1916	
MURRAY GENSEL GRAFF, 1916	
DEAN HUNTINGTON PARKER, 1917	
PAUL ALVIN DE MARS, 1917	
LAWRENCE JAMES ALLEN, 1917	
HAROLD PARKER GRAY, 1916	
BARNETT FRED DODGE, 1917	
THEODORE Z HAVILAND, 1917	
EDWIN JACOB GOLDSTEIN, 1916	





1917
BASEBALL TEAM



STAGG	HENDERSON	MEDDING	GARDINER	CADY
SIMPSON				LOWENGARD
FARNSWORTH	STEVENS	BELL	STORY	NEWELL McQUAID





Captain BELL

Captains

FRANK DOUGLAS ROSS, 1916
DUDLEY EDWARDS BELL, 1917



Manager STEVENS

Managers

GEORGE HOSE SMART, 1916
GEORGE RADCLIFF STEVENS, 1917

1916 Team

GEORGE HOSE SMART }
GEORGE MONTGOMERY LOVEJOY, Jr. }
JAMES HAROLD MURDOUGH }
JOHN ROBINSON POTEAT }
JOHN EDGAR DEMERITT }
GEORGE HUBERT PETIT }
JAMES CHARLES MERRITT }
ARTHUR GREELY REYCROFT }
ANSELMO KRIGGER }
FRANK DOUGLAS ROSS }

Pitcher
Catcher
First Base
Second Base
Third Base
Short Stop
Right Field
Centre Field
Left Field

1917 Team

GEORGE WINSLOW HENDERSON
RICHARD JOSEPH McLAUGHLIN
JACOB STORY
GEORGE RADCLIFF STEVENS
HOWARD STAFFORD McQUAID
HARTLEY BURTON GARDNER
CHARLES FRANCIS SIMPSON
LOWELL CADY
DUDLEY EDWARDS BELL

Substitutes

JAMES MORRISON EVANS
ARTHUR MERHLE MILLER
HOWARD RAITT STEWART
WARREN LEONARD TAPLEY

Substitutes

ARTHUR KINDRED ATKINS
AUGUSTUS PAGE FARNSWORTH
JOSEPH ALOYSIUS GARGAN
DONALD SARGENT KENDALL

Schedule

	1916	Opponents
Dorchester	8	10
Technology 1917	8	7
Powder Point	5	7
Technology 1917	9	10
Technology 1917	5	15
Lowell Textile	2	3
Wellesley	9	3
Cushing Academy	1	3
Totals	47	58

Games won, 2; lost, 6

Schedule

	1917	Opponents
Gloucester	8	7
Brookline	1	8
Technology 1916	7	8
Newton	1	8
Technology 1916	10	9
Technology 1916	15	5
Totals	42	45

Games won, 3; lost, 3





FIELD DAY



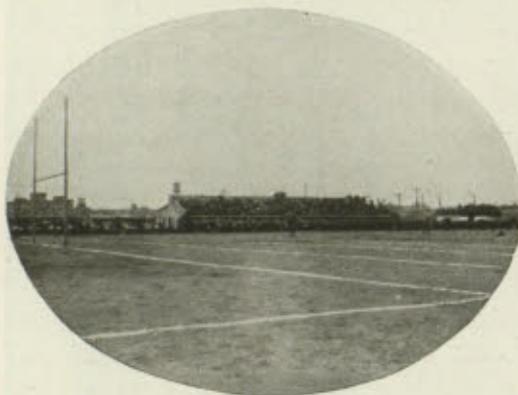
FIELD DAY



FIT DEDICATION of Tech's new athletic field occurred on the 6th of November, 1914, when, after weeks of hard practice, the Freshmen-Sophomore teams lined up for their annual Field Day struggle.

The idea of attending the first Field Day at the new site aroused even more enthusiasm than had been shown in former years, and by one o'clock a large crowd of loyal rooters had assembled on Rogers Steps. After much cheering, the parade, headed by a band of great volume, was started, with the Seniors first, and the rest of the classes in order. The crowd finally marched into the new field, and the first official move across the river had been accomplished.

The appearance of the Tug-o'-War teams announced the start of the great contest. The Sophomores, heavy favorites at the



start, soon found that the Freshmen were worthy opponents, for after two minutes and seven seconds of intense excitement the Sophomore flag was pulled across the line, and the judge's gun announced first blood for 1918.

The football game was begun at once by a kick-off to the Freshmen, who, for the time being, seemed to have things very much their own way. After carrying the ball to within eight yards of '17's goal, Johnson went over for the first touchdown and Gleason kicked the goal. During the rest of the

The football game was begun at once by a kick-off to the Freshmen, who, for the time being, seemed to



quarter the two teams showed equal ability at ground gaining, but 1917 made many costly fumbles. In the second quarter Poteat, who proved to be the star of the Sophomore team, made large gains through the Freshmen line and after two successful forward passes the Sophomores lined up on 1918's six-yard line and Farnsworth scored. The attempt at goal after this touchdown failed, leaving the score 7-6 in favor of the Freshmen at the end of the first half.



The relay race was the next event, and for the first time in the history of Field Day the Freshmen were conceded an even chance of winning. They were confident and expected to break the long-standing tradition that a Freshmen relay team could not win. To this end they were well started by Kwan, running first for the Freshmen, who opened up a lead of four yards, which was increased gradually until Cady, '17, cut it down to two yards. Justheim and McDonald had trouble in passing, and by dropping the flag lost all chance of a victory for '18 and prevented what promised to be a sensational finish. Colleary gained thirty yards for the Sophomores at this point, and Captain Sullivan finished with a lead of approximately the same distance.

The second half of the football game was anxiously awaited by the Sophomores, for a victory here would settle Field Day. Poteat again proved the star, and the ball was soon on '18's twenty-yard line. Here 1918 took it on downs, easily forced the Sophomores back to the centre of the field, where after a few plays the period ended. The fourth quarter started with the Freshmen in good



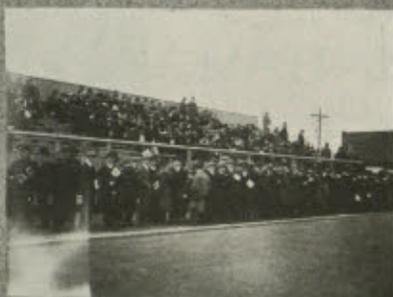
condition and showing good team work, while the Sophomore line seemed to be weakening to a very noticeable extent. 1918 soon had the ball near their opponents' goal line, and after several line plunges, made chiefly by Gleason, the Freshmen were within two yards of the line. 1917 was unable to hold them at such a short distance, and Gleason went through for a touchdown. The try for a goal from this touchdown failed. With only a short time to play, the attempts of the played-out Sophomores to overcome '18's lead were of no avail, and the game ended with the Freshmen victorious by a score of 13-6.

The most exciting and really most important event of Field Day was the Tug-o'-War, which was not decided until after four pulls had taken place. In the first pull victory had come rather unexpectedly to the Freshmen. During the second the Sophomores braced up and by heroic effort managed to get a tie. The third pull was even for a while, and then the Freshmen, who by this time were the favorites, weakened and lost in one minute and four seconds. This left still one more chance for 1917 to win a Field Day, and as the two teams lined up for the deciding pull every spectator was on his feet and the excitement was intense. Back and forth went the flag, now an inch this way, now the other. For a while it looked as if another tie would result, but after one minute and fifty-



six seconds of this heartbreaking struggle the Freshmen seemed to take a new grip and literally walked their opponents across the line, pulling a 6-3 Field Day victory along with them.





1917
FOOTBALL TEAM



STORY TUTTLE DEXTER O'BRIEN POTEAT POWERS SADA
 WATSON WELCOME FARNSWORTH SIMPSON BELL GRAY DUNHAM
 WOOD HUNT STROUT





Captain SIMPSON

Captain
CHARLES FRANCIS SIMPSON



Manager HUNT

Manager

PHILIP LINSOTT HUNT

Team

DUDLEY EDWARDS BELL	Left End
FRANKLIN CLOSSOM DEXTER	Left Tackle
HAROLD FREDERICK POWERS	Left Guard
WILLIAM FLETCHER TUTTLE	Centre
SANTOS SOTO	Right Guard
JAMES SHERRY O'BRIEN	Right Tackle
ATWOOD PACKARD DUNHAM	Right End
AUGUSTUS PAGE FARNSWORTH	Quarter Back
JOHN ROBINSON POTEAT	Left Half Back
GILBERT AGNEW HUNT	Full Back
CHARLES FRANCIS SIMPSON	Right Half Back

Substitutes

WALTER CROMWELL WOOD
 ALVAH EDGAR MOODY

HERBERT EUGENE WELLCOME
 WILLIAM AYRES GRAY

Schedule of Games

		1917	Opponents
October 10, 1914	Westboro High School	0	0
October 17, 1914	Boston College High	35	7
October 22, 1914	Hyde Park School, at Hyde Park	63	7
October 28, 1914	Somerville High School, at Somerville	19	0
November 6, 1914	Technology 1918, at New Technology Field	6	13

Points for the Season

Technology 1917, 123

Opponents, 27



1917
RELAY TEAM



ROSS COLLEARY BROCK GARDNER
 CADY HULBURD ERB SULLIVAN DEAN QUILHOT RYAN
 DONOVAN DOON





Captain SULLIVAN

Captains

WILLIAM ALOYSIUS SULLIVAN, 1917

OTTO CARL LORENZE, 1918



Manager GARDNER

Manager

LAWRENCE HUGO FLETT, 1918

Teams

1917

ROBERT CURTIS ERB
 CARLTON MILES DEAN
 THOMAS WILLIAM RYAN, Jr.
 KIRKLAND HART DAY
 HARTLEY BURTON GARDNER
 HAROLD QUILHOT
 JAMES WILLIAM DOON
 LOWELL CADY
 RALPH HERSEY ROSS
 WILLIAM BARTHOLOMEW COLLEARY
 WILLIAM ALOYSIUS SULLIVAN

1918

SUNG SING KWAN
 OTTO CARL LORENZ
 STUART MCLEOD BOYD
 RAISTON BLACKBURN SMYTH
 RAYMOND STEWART COWARD
 NORMAN RAY HAMILTON
 MAHLON MILTON READ
 KARL LEONARD FORD
 ALBERT RUSSELL MUMFORD
 WILLIAM FRANCIS McDONALD
 CLARENCE IRVING JUSTHEIM

Substitutes

GEORGE WILLIAM DONOVAN
 MALCOLM CAMERON BROCK
 BENTLEY ALMERIN G. MERRICK
 ROBERT WOODS VAN KIRK

RELAY RACE

New Technology Field

November 6, 1914

Distance, 1 1-2 miles

Won by 1917

Time, 4 min. 56 4-5 sec.

Record for the race, 4 min. 50 2-5 sec.

Held by 1916



1918
TUG-O'-WAR TEAM



KIMBALL PINKHAM LEONARD KINGSBURY GROHE PARKER

WHITE HERFURTH TUTEIN BICKFORD TURNER BRAISLIN MARSH WOODWARD

WIRT BLODGETT RICKETTS BURTON MAHONEY HENRY GOODWIN REID

GRAY ELY

WOOTEN

MILFORD





Captain BURTON

Captains

HAMILTON LANSDOWNE WOOD, 1917
 OLIVER DONN BURTON, 1918

Managers

STANLEY COVERT DUNNING, 1917
 JAMES LAWS RICKETTS, 1918



Manager RICKETTS

Teams

1917

ALFRED KUTZ ALTHOUSE
 WILLARD EUGENE ATKINS
 JACOB JUSTIN BASCH
 FRANCIS PUTNAM BILL
 RALPH FREDERICK F. BROOKS
 GORDON EUGENE CROSBY
 STANLEY COVERT DUNNING
 FREDERIC DEARBORN FOSS
 NOAH WEBSTER GOKEY
 WALTER CHRISTIAN F. GARTNER
 THOMAS ERWIN HANNAH
 WILLIAM FRANK JOHNSON
 DONALD SARGENT KENDALL
 RICHARD OTTO LOWENGARD
 OTTO ELIAS NIELSON
 OSCAR RUDOLPH PETERSON
 JOHN CHENY PLATT
 JOHN RAYMOND RAMSBOTTOM
 LUCAS ELMENDORF SCHOONMAKER
 WILLIAM HENRY SEYMOUR
 RAYMOND SLACK SMITH
 GEORGE RADCLIFF STEVENS
 ALAN PORTER SULLIVAN
 HAMILTON LANSDOWNE WOOD
 LOUIS ERNEST WYMAN

1918

LEO STANISLAUS BLODGETT
 JOHN CAMERON BRASLIN
 WILLIAM KURTZ BRUCHHAUSER, Jr.
 OLIVER DONN BURTON
 THOMAS LAWRENCE GOODWIN, Jr.
 GARDNER SEABURY GOULD
 ROBERT FERDINAND GROKE
 WALTER JOSEPH HENRY
 WALTER ROBERT HERFURTH
 THOMAS PATRICK KELLY
 RUSSELL GERY KIMBALL
 CHESTER LYMAN KINGSBURY
 JULIAN TOBY LEONARD
 LEONARD ISAAC LEVINE
 ARTHUR JAMES MARSH
 THOMAS FRY MILFORD
 MEREDITH FRANCIS PARKER
 BERNARD ORVILLE PINKHAM
 KENNETH REID
 WILLIAM HUGH TURNER
 CHESTER ROBINSON TUTEIN
 WILLIAM FREDERICK WHITE, Jr.
 HARRISON LORING WIRT
 JOHN BLOSSOM WOODWARD
 JAMES COUNCILL WOOTEN, 2d

Substitutes

PAUL GILBERT WOODWARD
 BENJAMIN TAYLOR HALL

DINSMORE ELY
 CHARLES HARRY GRAY

Counter

ARTHUR RAYMOND BROOKS

RALPH GERARD MAHONY

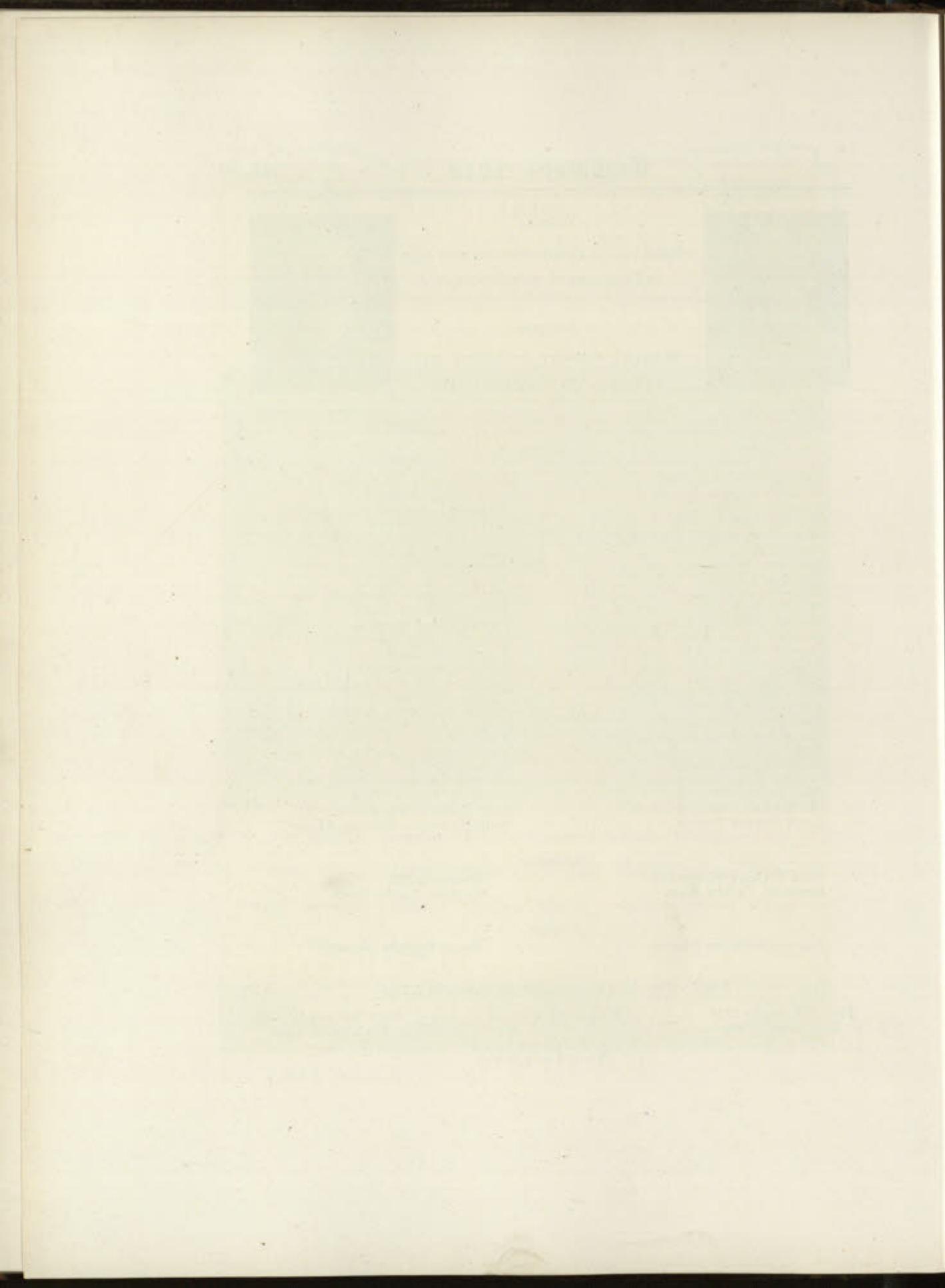
Tug-o'-War: New Technology Field, November 6, 1914

First Pull won by 1918
 Time, 2 min. 7 sec.

Second Pull a Draw

Third Pull won by 1917
 Time, 1 min. 4 sec.

Fourth Pull won by 1918
 Time, 1 min. 56 sec.





THE GREEK LETTER FRATERNITIES
at the Massachusetts Institute of Technology
arranged in the order of their final establishment

SIGMA CHI

THETA XI

DELTA PSI

CHI PHI

DELTA KAPPA EPSILON

PHI BETA EPSILON

DELTA UPSILON

SIGMA ALPHA EPSILON

DELTA TAU DELTA

PHI GAMMA DELTA

PHI SIGMA KAPPA

THETA CHI

PHI KAPPA SIGMA

ALPHA TAU OMEGA

THETA DELTA CHI

LAMBDA PHI

LAMBDA CHI ALPHA

BETA THETA PI

KAPPA SIGMA

SIGMA CHI

CHAPTER ROLL

1855	Alpha	Miami University	Oxford, Ohio
1855	Gamma	Ohio Wesleyan University	Delaware, Ohio
1872	Delta	University of Georgia	Athens, Ga.
1864	Epsilon	George Washington University	Washington, D.C.
1866	Zeta	Washington and Lee University	Lexington, Va.
1863	Theta	Pennsylvania College	Gettysburg, Pa.
1864	Kappa	Bucknell University	Lewisburg, Pa.
1858	Lambda	Indiana University	Bloomington, Ind.
1868	Mu	Denison University	Granville, Ohio
1859	Xi	De Pauw University	Greencastle, Ind.
1859	Omicron	Dickinson College	Carlisle, Pa.
1866	Rho	Butler College	Indianapolis, Ind.
1867	Phi	Lafayette College	Easton, Pa.
1871	Chi	Hanover College	Hanover, Ind.
1860	Psi	University of Virginia	Charlottesville, Va.
1869	Omega	Northwestern University	Evanston, Ill.
1892	Alpha Alpha	Hobart College	Geneva, N.Y.
1886	Alpha Beta	University of California	Berkeley, Cal.
1882	Alpha Gamma	Ohio State University	Columbus, Ohio
1883	Alpha Epsilon	University of Nebraska	Lincoln, Neb.
1882	Alpha Zeta	Beloit College	Beloit, Wis.
1881	Alpha Eta	Iowa University	Iowa City, Ia.
1882	Alpha Theta	Massachusetts Institute of Technology	Boston, Mass.
1883	Alpha Iota	Illinois Wesleyan University	Bloomington, Ill.
1884	Alpha Lambda	University of Wisconsin	Madison, Wis.
1884	Alpha Nu	University of Texas	Austin, Tex.
1884	Alpha Xi	University of Kansas	Lawrence, Kan.
1886	Alpha Omicron	Tulane University	New Orleans, La.
1886	Alpha Pi	Albion College	Albion, Mich.
1893	Alpha Rho	Lehigh University	S. Bethlehem, Pa.
1888	Alpha Sigma	University of Minnesota	Minneapolis, Minn.
1889	Alpha Upsilon	University of Southern California	Los Angeles, Cal.
1890	Alpha Phi	Cornell University	Ithaca, N.Y.
1891	Alpha Chi	Pennsylvania State College	State College, Pa.
1891	Alpha Omega	Leland Stanford Junior University	Stanford University, Cal.
1891	Alpha Psi	Vanderbilt University	Nashville, Tenn.
1905	Beta Gamma	Colorado College	Colorado Springs, Col.
1907	Beta Delta	University of Montana	Missoula, Mont.
1876	Delta Delta	Purdue University	Lafayette, Ind.
1876	Zeta Zeta	Central University	Danville, Ky.
1882	Zeta Psi	University of Cincinnati	Cincinnati, Ohio
1893	Eta Eta	Dartmouth College	Hanover, N.H.
1897	Theta Theta	University of Michigan	Ann Arbor, Mich.
1891	Kappa Kappa	University of Illinois	Champaign, Ill.
1893	Lambda Lambda	Kentucky State College	Lexington, Ky.
1895	Mu Mu	West Virginia University	Morgantown, W. Va.
1894	Nu Nu	Columbia University	New York, N.Y.
1896	Xi Xi	University of Missouri	Columbia, Mo.
1897	Omicron Omicron	University of Chicago	Chicago, Ill.
1902	Rho Rho	University of Maine	Orono, Me.
1903	Tau Tau	Washington University	St. Louis, Mo.
1896	Phi Phi	University of Pennsylvania	Philadelphia, Pa.
1904	Psi Psi	Syracuse University	Syracuse, N.Y.
1905	Omega Omega	University of Arkansas	Fayetteville, Ark.
1908	Beta Epsilon	University of Utah	Salt Lake City, Utah
1909	Beta Zeta	University of North Dakota	Grand Forks, N.D.
1880	Delta Chi	Wabash University	Crawfordsville, Ind.
1909	Beta Eta	Case School of Applied Science	Cleveland, Ohio

1909	Beta Theta . . .	Pittsburg University	Pittsburgh, Pa.
1910	Beta Iota	University of Oregon	Eugene, Ore.
1912	Beta Kappa . . .	University of Oklahoma	Norman, Okla.
1912	Beta Lambda . . .	Trinity College	Durham, N.C.
1914	Beta Mu	University of Colorado	Boulder, Col.
1914	Beta Nu	Brown University	Providence, R.I.
1914	Iota Iota	University of Alabama	University, Ala.

SIGMA CHI

Alpha Theta Chapter

Established 1882

Frater in Facultate

WILLIAM ELGIN WICKENDEN

Fratres

Post Graduate

JOHN ALDEN ROOT

1915

HORATIO WHITEMORE BROWN
RUSH BOYD CADY

VIKING ENEBUSKE
WILLIAM JENNINGS

OLIVER GORE NORTON

1916

ROBERT McCLANAHAN ALLEN
EDWARD HALE CLARKSON, Jr.
MURRAY GENSEL GRAFF

FRANK BOWMAN HASTIE
MARK LEMMON
KENNETH MURCHISON SULLY

1917

LEONARD BESLEY
ALBERT WALTER BURFORD
ALBERT THRESHER CANBY

CHARLES EWAN
PAUL COOLIDGE LEONARD
LEON LEMPERT McGRADY

HAMILTON LANSDOWNE WOOD

1918

CYRIL MATTHEW ANGELL
CARLETON SPRAGUE AYER
OLIVER DONN BURTON
JOHN WHEELER CLARKSON

RALPH HARVEY COTTRELL
HERBERT FOSTER JERMAN
DONALD HUGH MONTGOMERY
BRINARD ALDEN THRESHER

LLOYD BRITTON VAN DA LINDA

Special

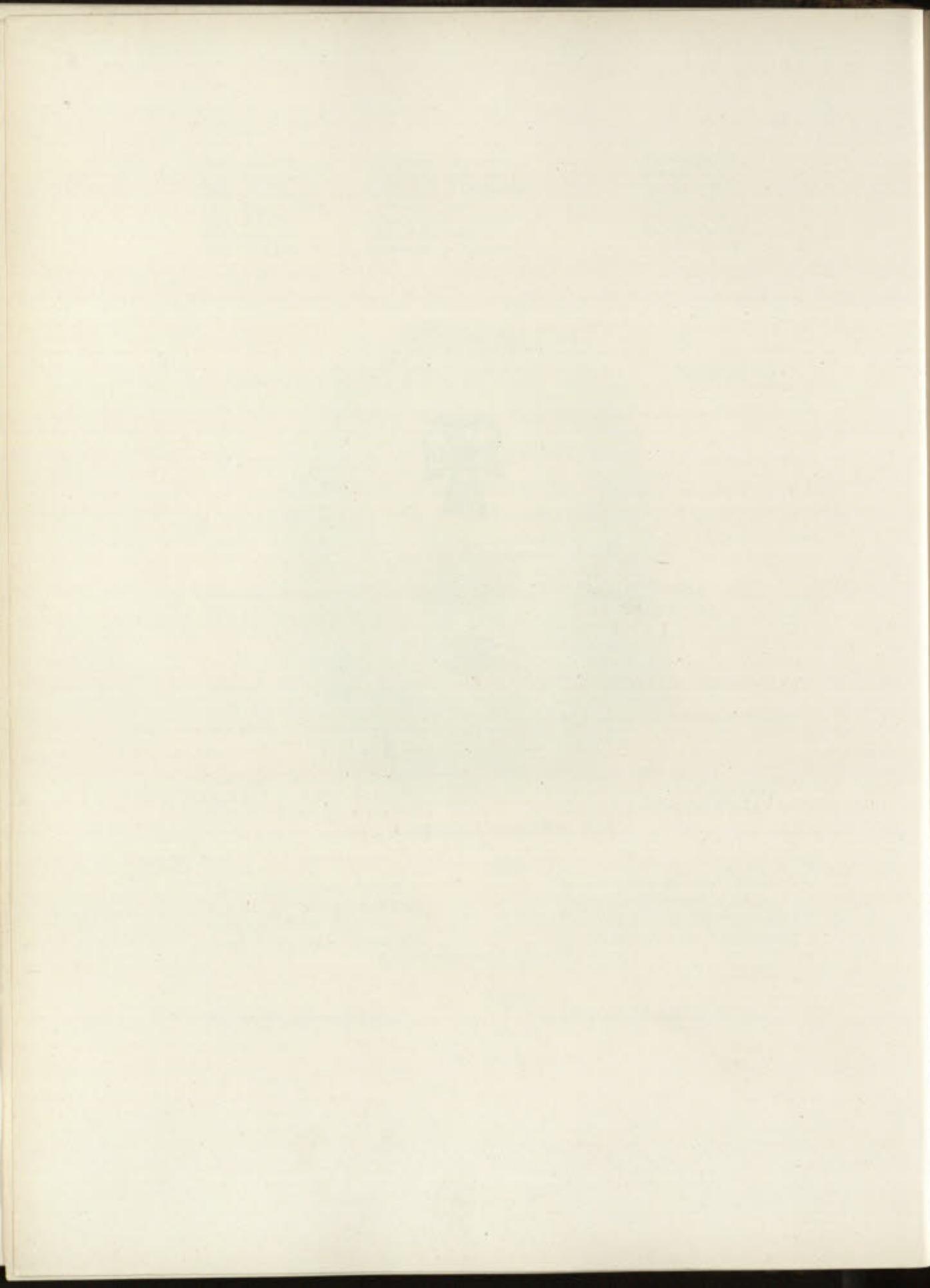
FRED FLIEDNER GLEN

GEORGE MAURICE HOHL

1067 Beacon Street



CAMBRIDGE
1871



THETA XI

CHAPTER ROLL

A	Rensselaer Polytechnic Institute	Troy, N.Y.
B	Sheffield Scientific School	New Haven, Conn.
Γ	Stevens Institute of Technology	Hoboken, N.J.
Δ	Massachusetts Institute of Technology	Boston, Mass.
E	Columbia University	New York, N.Y.
Z	Cornell University	Ithaca, N.Y.
H	Lehigh University	S. Bethlehem, Pa.
Θ	Purdue University	Lafayette, Ind.
I	Washington University	St. Louis, Mo.
K	Rose Polytechnic Institute	Terre Haute, Ind.
A	Pennsylvania State College	State College, Pa.
M	Iowa State College	Ames, Ia.
N	University of California	Berkeley, Cal.
Ξ	State University of Iowa	Iowa City, Ia.
O	University of Pennsylvania	Philadelphia, Pa.
Π	Carnegie Technical Institute	Pittsburgh, Pa.
P	University of Texas	Austin, Tex.
	Graduate Club	New York, N.Y.
	Graduate Club	Chicago, Ill.
	Graduate Club	Pittsburgh, Pa.
	Graduate Club	Baltimore, Md.
	Graduate Club	San Francisco, Cal.

THETA XI

Delta Chapter

Established 1885

Fratres in Facultate

HARRY ELLSWORTH CLIFFORD
HARRISON WASHBURN HAYWARD

HENRY GREENLEAF PEARSON
JOHN ARNOLD ROCKWELL

Fratres

Post Graduate

ROBERT VOSE TOWNEND

1915

WALTER SCOTT AIKEN
ELBRIDGE JOHNSON CASSELMAN
CHARLES JEFFERSON DAVIS, Jr.
LAURENCE PATTEN GEER
JOHN HOMAN

1916

PAUL HARRINGTON DUFF
HOWARD TASKER EVANS
TREDICK KITTREDGE HINE
ALBERT HOLMES
ALBERT CARL LIEBER, Jr.
WILLIAM CANTWELL McDONALD
JAMES GREENWOOD McDUGALL
GEORGE ALBERT SWEET
CHARLES HILDRETH WOOLLEY

1917

JAMES WILLIAM ANDERSON
RUSSELL FURNESS FIELDS
WALTER CHRISTIAN FREDERICK GÄRTNER
HAROLD EVERETT MORSE
DAVID EVERETT WAITE

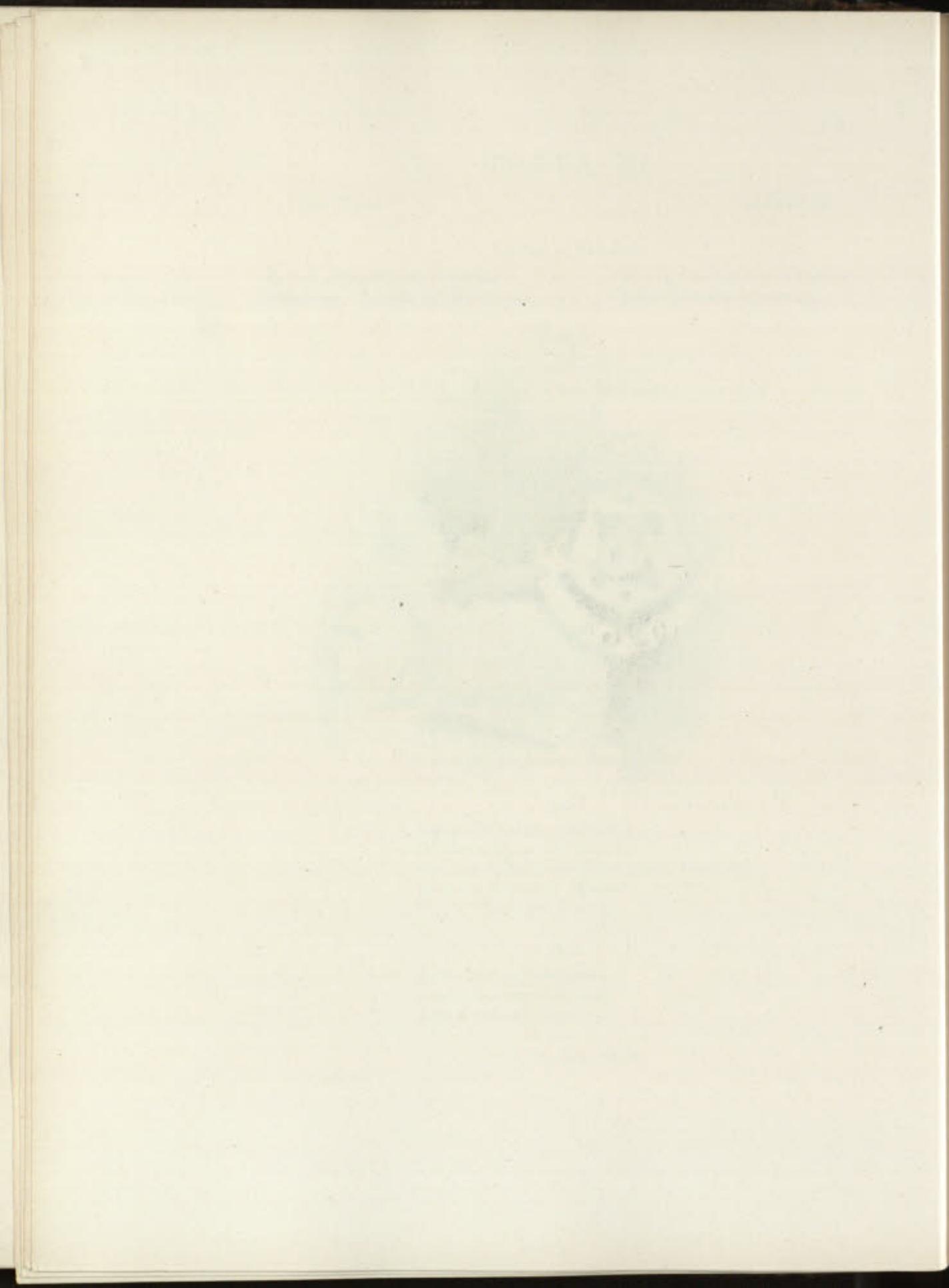
1918

JOHN MILLS PHILLIPS
DEAN SHERIDAN SIBLEY
JAMES SIDNEY STEWART

283 Newbury Street



EXHIBIT 1911A
1911



DELTA PSI

CHAPTER ROLL

Alpha	Columbia University
Delta	University of Pennsylvania
Epsilon	Trinity College
Lambda	Williams College
Sigma	Sheffield Scientific School, Yale
Upsilon	University of Virginia
Tau	Massachusetts Institute of Technology

DELTA PSI

Tau Chapter

Established 1889

Fratres

1915

GEORGE GREVILLE ALEXANDER HASLAM
HENRY JAMES GRAY RUDOLF
JOHN RICARDS LONG SANTOS

1916

JAMES ARCHER BURBANK
GARLAND FULTON
EDWARD REYNOLDS HALL

1917

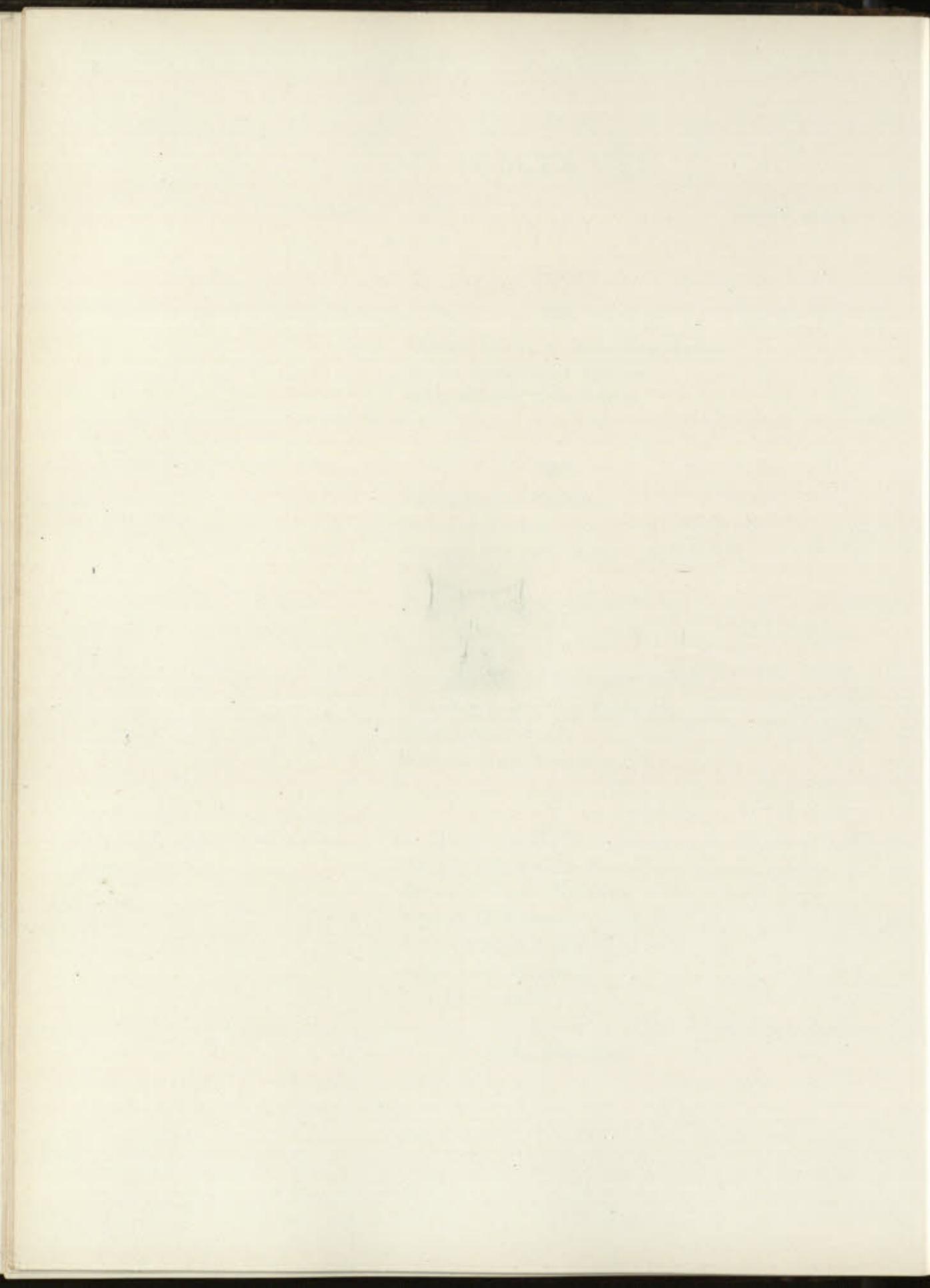
DAVID ATWATER
JOSEPH TALMAGE WOODRUFF BATTIS
WOLFRAM ALEXANDER FÜTTERER
JOHN CHENEY PLATT
RUSSELL WIRT ROBINSON

1918

GEORGE BELCHER CUTTS
RICHMOND PARRY KENNARD
LANSING McVICKAR
JOHN COLEMAN PURVES
JAMES LAWS RICKETTS
HAROLD STERNER

Charles River Road





CHI PHI

CHAPTER ROLL

A	University of Virginia	Charlottesville, Va.
B	Massachusetts Institute of Technology	Boston, Mass.
Γ	Emory College	Oxford, Ga.
Δ	Rutgers College	New Brunswick, N.J.
E	Hampden-Sidney College	Hampden-Sidney, Va.
Z	Franklin and Marshall College	Lancaster, Pa.
H	University of Georgia	Athens, Ga.
Θ	Rensselaer Polytechnic Institute	Troy, N.Y.
I	Ohio State University	Columbus, Ohio
Λ	University of California	Berkeley, Cal.
M	Stevens Institute of Technology	Hoboken, N.J.
N	University of Texas	Austin, Texas
Ξ	Cornell University	Ithaca, N.Y.
O	Sheffield Scientific School, Yale University	New Haven, Conn.
P	Lafayette College	Easton, Pa.
Σ	University of Illinois	Champaign, Ill.
Φ	Amherst College	Amherst, Mass.
X	Dartmouth College	Hanover, N.H.
Ψ	Lehigh University	S. Bethlehem, Pa.
Ω	Georgia School of Technology	Atlanta, Ga.
AX	Ohio Wesleyan University	Delaware, Ohio

CHI PHI

Beta Chapter

Established 1890

Fratres

1915

ARTHUR HAZARD BOND
ALFRED VICTOR COLEMAN
THOMAS AMORY DEBLOIS FESSENDEN
FRANCIS CHANDLER FOOTE
THEODORE HERVEY GUETHING
CHARLES BOOTH MALONE
GEORGE JACKSON MEAD
GEORGE EDWARD WHITWELL

1916

THOMAS D'ARCY BROPHY
CARL THEODORE GUETHING
THEODORE CARTER JEWETT
EUGENE WILLETT VAN COURT LUCAS, Jr.
NELSON MACRAE
DONALD MARION McRAE
GEORGE ROPER, Jr.
SAMUEL JACOB ZIEGLER

1917

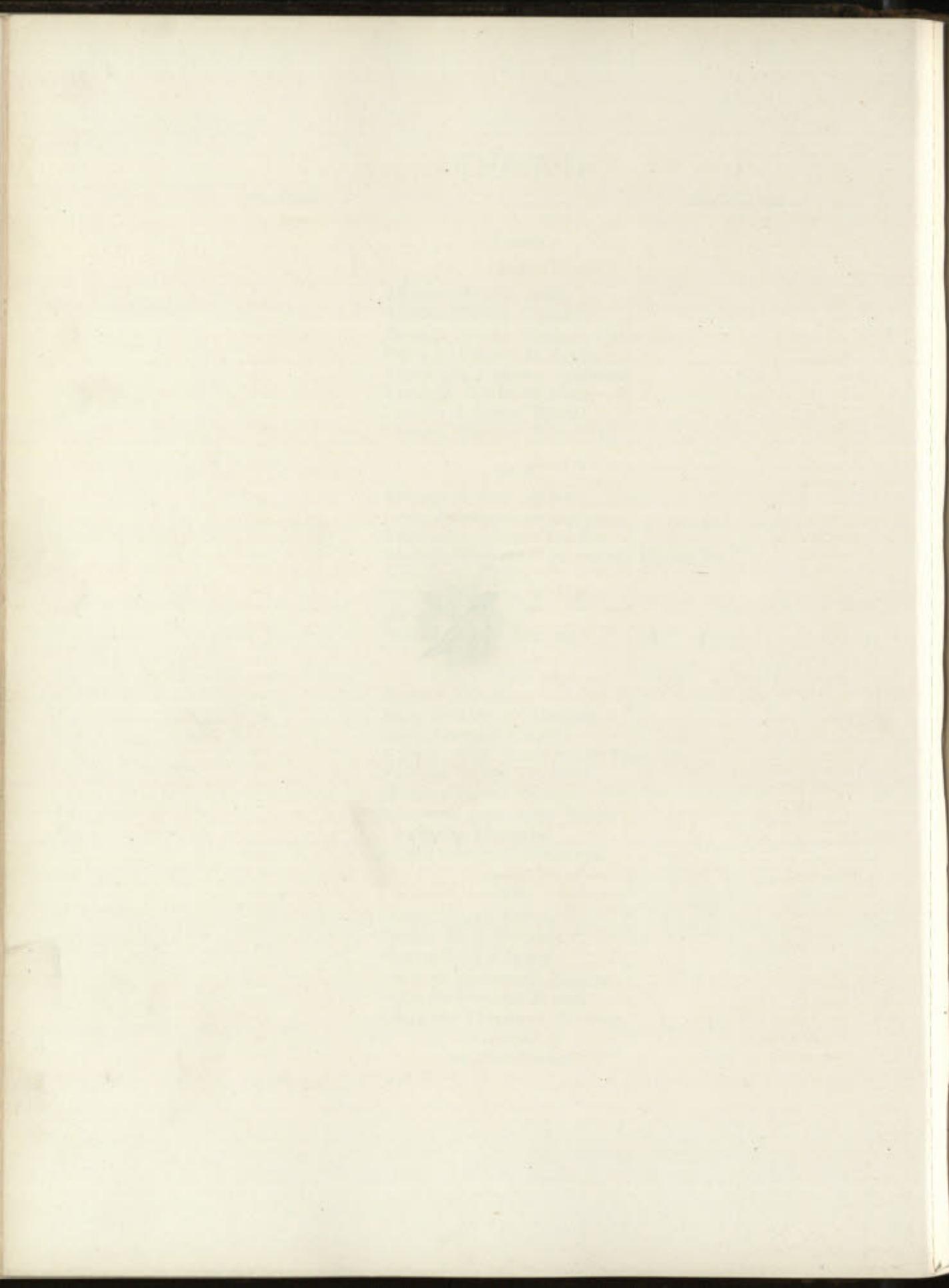
HAMISH ALLAN
RICHARD HENRY CATLETT
JOHN TIMOTHY CRONIN
KINSLEY VAN RENSSELAER DEY
FRANCIS VICTOR DU PONT
HAROLD YOUNG KEELER
FRANKLIN LATTIMORE KLINE
CHAMBERS MEHAFFY
JULIUS LOUIS WETTLAUER

1918

JAMES LOMAX CLARK
PHILIP MOSS DINKINS
ELMER EARLE LEGGE
GEORGE RAINSFORD MARTIN
JORIS McDONALD WHITE
CLIFFORD DILLAWAY WINTON

44 *The Fenway*





DELTA KAPPA EPSILON

Established 1844

Yale University

CHAPTER ROLL

Phi	Yale University	1844
Theta	Bowdoin College	1844
Xi	Colby University	1845
Sigma	Amherst College	1846
Gamma	Vanderbilt University	1847
Psi	University of Alabama	1847
Upsilon	Brown University	1850
Beta	University of North Carolina	1851
Eta	University of Virginia	1852
Kappa	Miami University	1852
Lambda	Kenyon College	1852
Pi	Dartmouth College	1853
Iota	Central University of Kentucky	1854
Alpha Alpha	Middlebury College	1854
Omicron	University of Michigan	1855
Epsilon	Williams College	1855
Rho	Lafayette College	1855
Tau	Hamilton College	1856
Mu	Colgate University	1856
Nu	College of the City of New York	1856
Beta Phi	University of Rochester	1856
Phi Chi	Rutgers College	1861
Psi Phi	De Pauw University	1866
Gamma Phi	Wesleyan University	1867
Psi Omega	Rensselaer Polytechnic Institute	1867
Beta Chi	Adelbert College	1868
Delta Chi	Cornell University	1870
Delta Delta	Chicago University	1870
Phi Gamma	Syracuse University	1871
Gamma Beta	Columbia College	1874
Theta Zeta	University of California	1876
Alpha Chi	Trinity College	1879
Phi Epsilon	University of Minnesota	1889
Sigma Tau	Massachusetts Institute of Technology	1890
Tau Lambda	Tulane University	1898
Alpha Phi	University of Toronto	1898
Delta Kappa	University of Pennsylvania	1899
Tau Alpha	McGill University	1901
Sigma Rho	Leland Stanford Junior University	1902
Delta Pi	University of Illinois	1904
Rho Delta	University of Wisconsin	1907
Kappa Epsilon	University of Washington	1910
Omega Chi	University of Texas	1913

DELTA KAPPA EPSILON

Sigma Tau Chapter

Established 1890

Fratres in Facultate

ALFRED EDGAR BURTON

MAURICE DEKAY THOMPSON, Jr.

WALTER HUMPHREYS

Fratres

1915

HAROLD RYDER CROWELL

MARVIN JAMES DODD

DEAN ABNER FALES

EDWIN BURPEE GOODELL, Jr.

ARTHUR WARREN MUDGE, Jr.

WALLACE SENTENY THOMAS

1916

HOVEY THOMAS FREEMAN

JOHN RIPLEY FREEMAN, Jr.

CHARLES ROGERS LORD

JAMES WINN McCLURE

KNIGHT BARRY OWEN

GEORGE LINCOLN SKOLFIELD, Jr.

CHARLES PARKER WALLIS

HOWARD HAWLEY WELLS

JOHN WENTWORTH

1917

FRANCIS PATRICK O'HARA

LEE HALL JONES

WARREN LEONARD TAPLEY

DONALD GREENE TAPLEY

1918

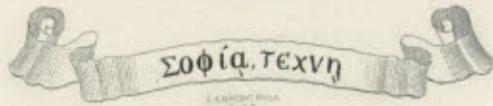
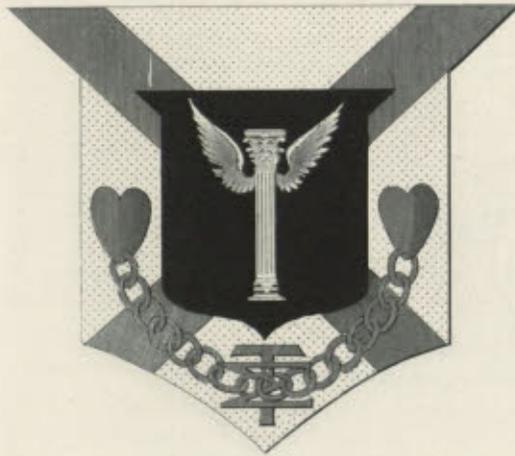
DONALD BERTHOLD PARKINSON

RALPH SARGENT

MAYNARD LONG SMITH

ROBERT HAWLEY WELLS

215 Newbury Street



ΕΛΛΗΝΙΚΗ ΠΑΝΕΠΙΣΤΗΜΙΟΝ



PLATE 1

PHI BETA EPSILON

Local at Technology

ESTABLISHED 1890

ALUMNI ASSOCIATIONS

BOSTON
CHICAGO

CALIFORNIA

NEW YORK
NORTHERN OHIO

PHI BETA EPSILON

Fratres

1915

RICHARD BELMONT CATTON
WILLIAM ARNOLD HOUSER
TERENCE ROY JOHNSTON
GERALD MARCY KEITH
JOSEPH MASON LIVERMORE
FORREST GRANVILLE PURINTON
DAVID PEARSON ROGERS
ARTHUR ROLLIN STUBBS

1916

JASPER BLANCHARD CARR
GEORGE ROOT DURYEA
GUY AUGUSTUS GRAY
EDWARD FOSTER HEWINS
EDGAR LOUIS KAULA
RALPH MILLIS
WILLIAM LARDNER OGDEN
LUTHER SAVAGE PHILLIPS
DONALD BLAKE WEBSTER
PERCIVAL McCENEY WERLICH

1917

MILES ELIJAH DEMOND
HOWARD GROVER MANN
LOUIS ERNST WYMAN

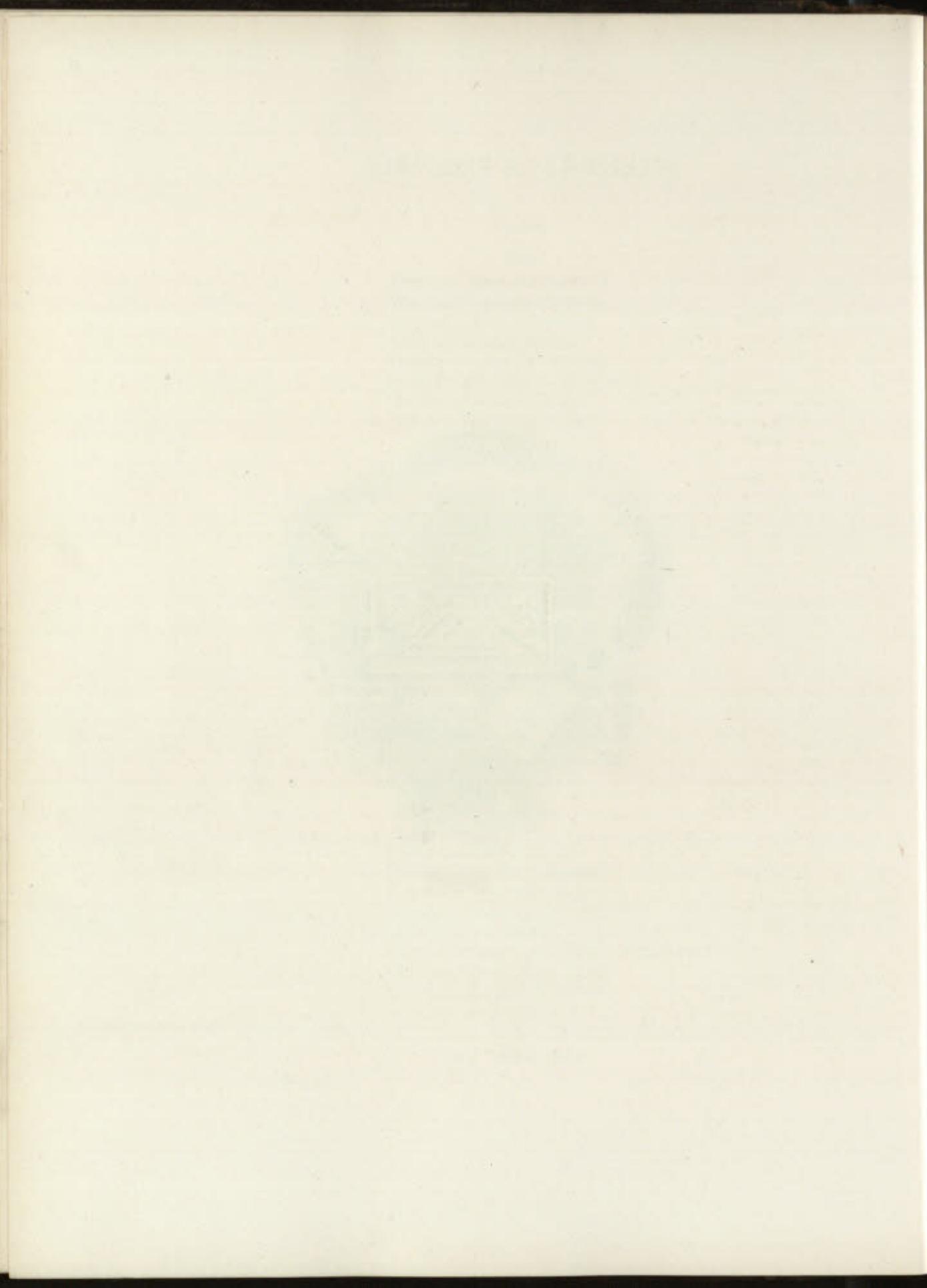
1918

CHESTER COLY BEACH
DANIEL BRADFORD DEMOND
PRESCOTT WILDER GOULD
CHARLES WARREN LIPPITT, Jr.
OTTO CARL LORENZ
HANS FRIEDRICH BERNHARD ROESSLER
ROBERT WOODS VAN KIRK
RICHARD ALFRED WILKINS
ALFREDO DE ZUBIRIA S.

237 Beacon Street



EXPOSITIO
1798



DELTA UPSILON

Established 1854

Williams College

CHAPTER ROLL

1834	Williams	Williamstown, Mass.
1838	Union	Schenectady, N.Y.
1847	Hamilton	Clinton, N.Y.
1847	Amherst	Amherst, Mass.
1847	Western Reserve	Cleveland, Ohio
1852	Colby	Waterville, Me.
1852	Rochester	Rochester, N.Y.
1856	Middlebury	Middlebury, Vt.
1857	Bowdoin	Brunswick, Me.
1858	Rutgers	New Brunswick, N.J.
1860	Brown	Providence, R.I.
1865	Colgate	Hamilton, N.Y.
1865	New York	New York City
1868	Miami	Oxford, Ohio
1869	Cornell	Ithaca, N.Y.
1870	Marietta	Marietta, Ohio
1873	Syracuse	Syracuse, N.Y.
1876	Michigan	Ann Arbor, Mich.
1880	Northwestern	Evanston, Ill.
1880	Harvard	Cambridge, Mass.
1885	Wisconsin	Madison, Wis.
1885	Lafayette	Easton, Pa.
1885	Columbia	New York City
1885	Lehigh	South Bethlehem, Pa.
1886	Tufts	Tufts College, Mass.
1887	De Pauw	Greencastle, Ind.
1888	Pennsylvania	Philadelphia, Pa.
1890	Minnesota	Minneapolis, Minn.
1891	Technology	Boston, Mass.
1893	Swarthmore	Swarthmore, Pa.
1896	California	Berkeley, Cal.
1896	Leland Stanford Junior	Stanford University, Cal.
1898	Nebraska	Lincoln, Neb.
1898	McGill	Montreal, Can.
1899	Toronto	Toronto, Can.
1901	Chicago	Chicago, Ill.
1904	Ohio State	Columbus, Ohio
1905	Illinois	Champaign, Ill.
1910	Washington	Seattle, Wash.
1911	Pennsylvania State	State College, Pa.
1913	Iowa State	Ames, Ia.
1914	Purdue	Lafayette, Ind.

DELTA UPSILON

Technology Chapter

Established 1892

LOUIS DERR

Fratres in Facultate

FRANK VOGEL

PAUL ROBERT LIEDER

Fratres

1915

FREDERICK AUGUSTUS WILLIAM DAVIS
JOHN SEARS GALLAGHER
SIGURD TRYGVE HELSETH
EDWARD JOSLIN KINGSBURY
ARTHUR TAPLEY MUNYAN
KENNETH WARREN ROY
GALE COLBURN SHEDD

1916

FRANCIS FISHER FULTON
GEORGE MADISON MAVERICK
CHARLES SUMNER REED
EDGAR STEEL ROBINSON
WILLIAM MACINTYRE SHAKESPEARE
CARLTON JERNEGAN SPEAR
JOHN WESLEY STAFFORD
ALFRED THEODORE WYMAN

1917

WALTER JAY BEADLE
FREDERICK BERNARD
FRANCIS PUTNAM BILL
EDWARD PENNELL BROOKS
ARTHUR EDWARD DOWELL
RICHARD HARDWICK
RICHARD VOSE LOWE
RICHARD JOSEPH McLAUGHLIN
CLAUDIUS HENRY MARTIN ROBERTS

1918

HOWARD BRIGHAM ALLEN
GARDNER SEABURY GOULD
RAY WENZELL HARRIS
CHESTER LYMAN KINGSBURY

1069 Beacon Street





SIGMA ALPHA EPSILON

Founded in 1856 at the University of Alabama, Tuscaloosa, Ala.

CHAPTER ROLL

PROVINCE ALPHA

Maine Alpha	University of Maine	Orono, Me.
Massachusetts Iota Tau	Massachusetts Institute of Technology	Boston, Mass.
Massachusetts Beta Upsilon	Boston University	Boston, Mass.
Massachusetts Gamma	Harvard University	Cambridge, Mass.
Massachusetts Delta	Worcester Polytechnic Institute	Worcester, Mass.
New Hampshire Alpha	Dartmouth College	Hanover, N.H.

PROVINCE BETA

New York Alpha	Cornell University	Ithaca, N.Y.
New York Mu	Columbia University	New York, N.Y.
New York Sigma Phi	St. Stephen's College	Annandale, N.Y.
New York Delta	Syracuse University	Syracuse, N.Y.
Pennsylvania Omega	Allegheny College	Meadville, Pa.
Pennsylvania Sigma Phi	Dickinson College	Carlisle, Pa.
Pennsylvania Alpha Zeta	Pennsylvania State College	State College, Pa.
Pennsylvania Zeta	Bucknell University	Lewisburg, Pa.
Pennsylvania Delta	Pennsylvania College	Gettysburg, Pa.
Pennsylvania Theta	University of Pennsylvania	Philadelphia, Pa.
Pennsylvania Chi Omicron	University of Pittsburgh	Pittsburg, Pa.

PROVINCE GAMMA

Virginia Omicron	University of Virginia	University, Va.
Virginia Sigma	Washington and Lee University	Lexington, Va.
Washington City Rho	George Washington University	Washington, D.C.
North Carolina Xi	University of North Carolina	Chapel Hill, N.C.
North Carolina Theta	Davidson College	Davidson, N.C.

PROVINCE DELTA

Michigan Iota Beta	University of Michigan	Ann Arbor, Mich.
Michigan Alpha	Adrian College	Adrian, Mich.
Ohio Sigma	Mt. Union University	Alliance, Ohio
Ohio Delta	Ohio Wesleyan University	Delaware, Ohio
Ohio Epsilon	University of Cincinnati	Cincinnati, Ohio
Ohio Theta	Ohio State University	Columbus, Ohio
Ohio Rho	Case School of Applied Science	Cleveland, Ohio
Indiana Alpha	Franklin College	Columbus, Ind.
Indiana Beta	Purdue University	Lafayette, Ind.
Indiana Gamma	University of Indiana	Bloomington, Ind.
Illinois Psi Omega	Northwestern University	Evanston, Ill.
Illinois Beta	University of Illinois	Champaign, Ill.
Illinois Theta	University of Chicago	Chicago, Ill.
Illinois Delta	Millikin University	Decatur, Ill.
Minnesota Alpha	University of Minnesota	Minneapolis, Minn.
Wisconsin, Alpha	University of Wisconsin	Madison, Wis.

PROVINCE EPSILON

Georgia Beta	University of Georgia	Athens, Ga.
Georgia Psi	Mercer University	Macon, Ga.
Georgia Epsilon	Emory College	Oxford, Ga.
Alabama Iota	Southern University	Greenboro, Ala.
Alabama Mu	University of Alabama	Tuscaloosa, Ala.
Alabama Alpha Mu	Alabama Polytechnic Institute	Auburn, Ala.

PROVINCE ZETA

Missouri Alpha	University of Missouri	Columbia, Mo.
Missouri Beta	Washington University	St. Louis, Mo.
Nebraska Lambda Pi	University of Nebraska	Lincoln, Neb.
Arkansas Alpha Upsilon	University of Arkansas	Fayetteville, Ark.
Kansas Alpha	University of Kansas	Lawrence, Kan.
Kansas Beta	Kansas State College	Manhattan, Kan.
Iowa Beta	University of Iowa	Iowa City, Ia.
Iowa Gamma	Iowa State College	Eames, Ia.
South Dakota Sigma	University of South Dakota	Vermilion, S. Dak.

PROVINCE ETA

Colorado Chi	University of Colorado	Boulder, Col.
Colorado Zeta	University of Denver	Denver, Col.
Colorado Lambda	Colorado School of Mines	Golden, Col.

PROVINCE THETA		
Louisiana Epsilon	Louisiana State University	Baton Rouge, La.
Louisiana Tau Upsilon	Tulane University	New Orleans, La.
Texas Rho	University of Texas	Austin, Tex.
Oklahoma Kappa	University of Oklahoma	Norman, Okla.

PROVINCE IOTA		
Kentucky Kappa	Central University	Danville, Ky.
Kentucky Iota	Bethel College	Russellville, Ky.
Kentucky Epsilon	Kentucky State University	Lexington, Ky.
Tennessee Zeta	Southwestern Presbyterian University	Clarksville, Tenn.
Tennessee Lambda	Cumberland University	Lebanon, Tenn.
Tennessee Nu	Vanderbilt University	Nashville, Tenn.
Tennessee Kappa	University of Tennessee	Knoxville, Tenn.
Tennessee Omega	University of the South	Sewanee, Tenn.
Tennessee Eta	Union University	Jackson, Tenn.

PROVINCE KAPPA		
California Alpha	Leland Stanford University	Stanford, Cal.
California Beta	University of California	Berkeley, Cal.
Washington Alpha	University of Washington	Seattle, Wash.

SIGMA ALPHA EPSILON

Massachusetts Iota Tau Chapter

Established 1892

Frater in Facultate

WILLIAM THOMAS HALL

Fratres

1915

WALTER MURRAY AFRICA	THOMAS HENRI HUFF
LESTER ELMER ARMSTRONG	GORDON ROGERS JAMESON
RALPH LESLIE FLETCHER	JOHN FANZ STAUB
ROBERT RAMSEY HARPER	GEORGE URQUHART
RALPH DOUGLAS WATERMAN	

1916

JOHN NICHOLAS BURFORD	FRANK SIMMONS HUBBARD
KEMERTON DEAN	LEVERING LAWRASON
ALLSTON EVERETT STORM	

1917

DUDLEY EDWARDS BELL	LELAND MUNGER MEANS
ROY JENNINGS COOK	CHARLES FRANCIS SIMPSON
WILLIAM STANLEY FREETHY	LEROY AMOS SWAN
THEODORE Z HAVILAND	WALTER ALBERT WOOD
PHILIP LINSOTT HUNT	WALTER CROMWELL WOOD

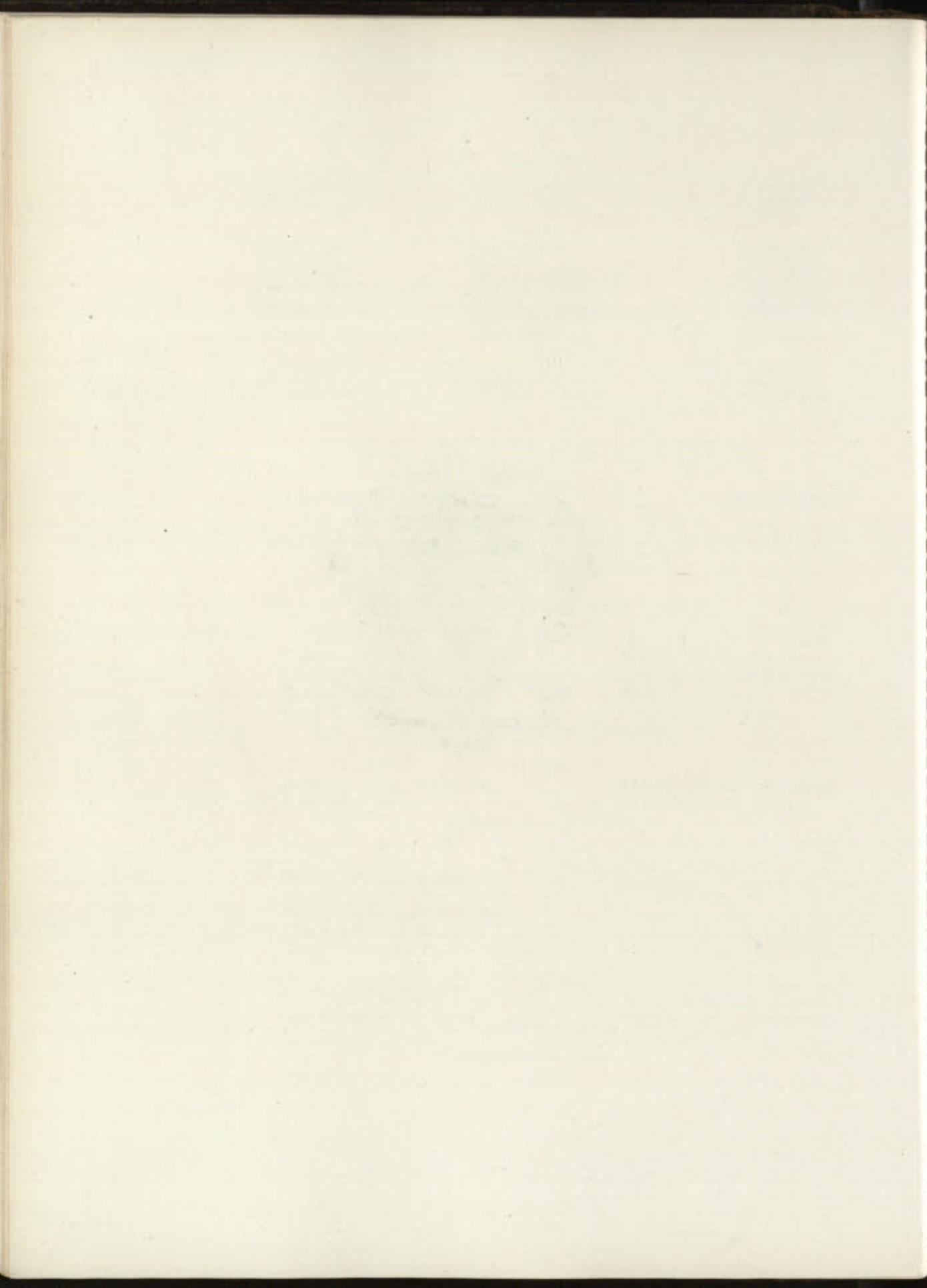
1918

JOHN HOWARD EARL	HERBERT RHODES POLLEYS
JULIAN TOBEY LEONARD	JOHN BLOSSOM WOODWARD

1004 Beacon Street



ΕΛΛΗΝΙΚΗ
1940



DELTA TAU DELTA

Established at Bethany College, 1859

CHAPTER ROLL

Southern Division

Lambda	Vanderbilt University
Phi	Washington and Lee University
Beta Delta	University of Georgia
Beta Epsilon	Emory College
Beta Theta	University of the South
Beta Iota	University of Virginia
Beta Xi	Tulane University
Gamma Eta	George Washington University
Gamma Iota	University of Texas

Western Division

Omicron	University of Iowa
Beta Gamma	University of Wisconsin
Beta Eta	University of Minnesota
Beta Kappa	University of Colorado
Beta Pi	Northwestern University
Beta Rho	Leland Stanford Jr. University
Beta Tau	University of Nebraska
Beta Upsilon	University of Illinois
Beta Omega	University of California
Gamma Alpha	University of Chicago
Gamma Beta	Armour Institute of Technology
Gamma Theta	Baker University
Gamma Kappa	University of Missouri
Gamma Mu	University of Washington
Gamma Pi	Iowa State College
Gamma Rho	University of Oregon
Gamma Tau	University of Kansas

Northern Division

Beta	Ohio University
Delta	University of Michigan
Epsilon	Albion College
Zeta	Western Reserve University
Kappa	Hillsdale College
Mu	Ohio Wesleyan University
Chi	Kenyon College
Psi	Wooster University
Beta Alpha	Indiana University
Beta Beta	De Pauw University
Beta Zeta	University of Indianapolis
Beta Phi	Ohio State University
Beta Psi	Wabash College
Gamma Delta	West Virginia University
Gamma Lambda	Purdue University
Gamma Xi	University of Cincinnati

Eastern Division

Alpha	Allegheny College
Gamma	Washington and Jefferson College
Nu	Lafayette College
Rho	Stevens Institute of Technology
Upsilon	Rensselaer Polytechnic Institute
Omega	University of Pennsylvania
Beta Lambda	Lehigh University
Beta Mu	Tufts College
Beta Nu	Massachusetts Institute of Technology
Beta Omicron	Cornell University
Beta Chi	Brown University
Gamma Gamma	Dartmouth College
Gamma Epsilon	Columbia University
Gamma Zeta	Wesleyan University
Gamma Nu	University of Maine
Gamma Omicron	Syracuse University
Tau	Pennsylvania State College
Gamma Sigma	University of Pittsburgh

DELTA TAU DELTA

Beta Nu Chapter

Established 1889

Fratres

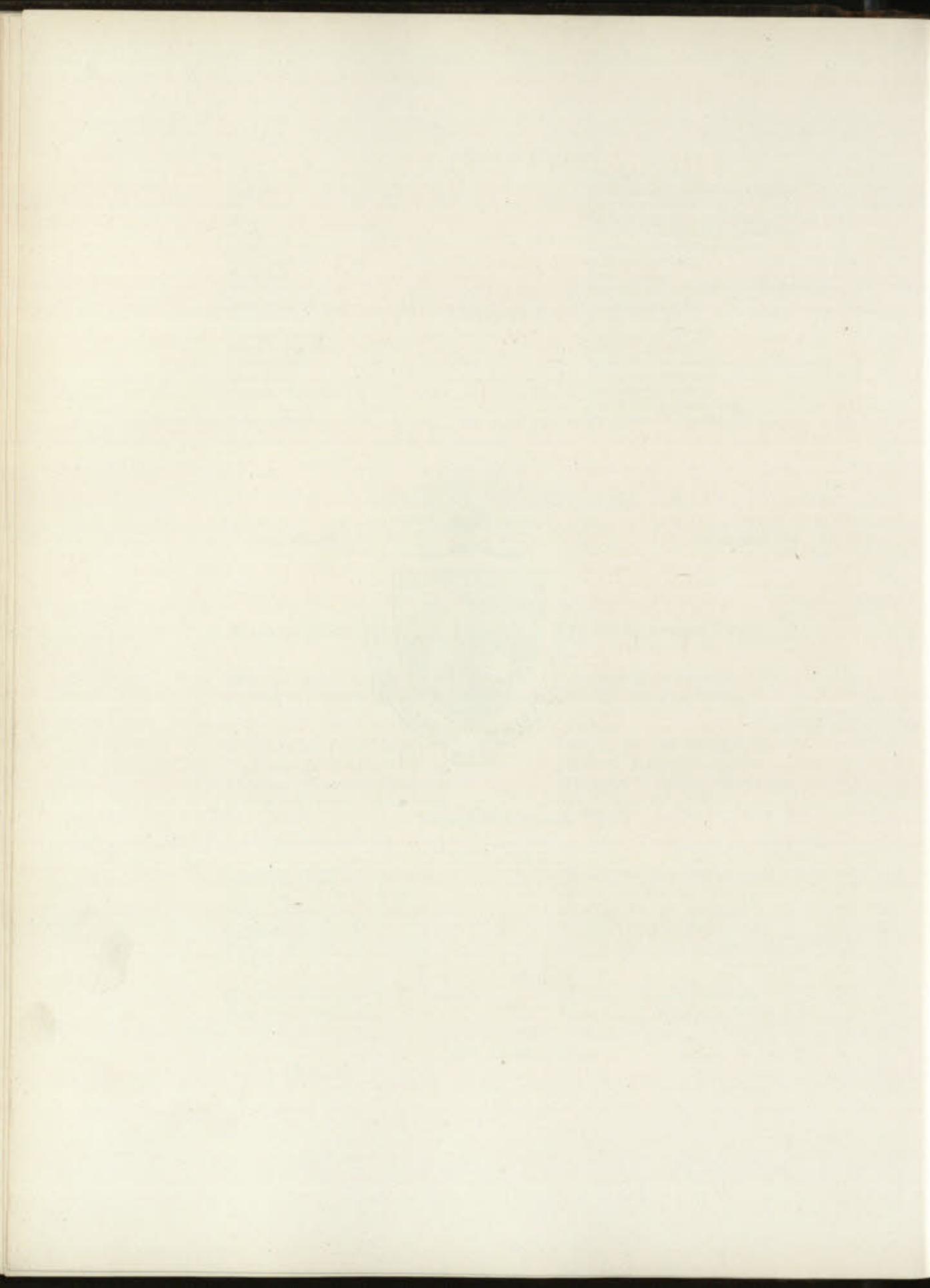
	1914	
WILLIAM HENRY PRICE, Jr.		FRANK LIVINGOOD SURLS
	1915	
DONALD RICHARD DES GRANGES		WALTER BEN RIVERS
KENNETH THEODORE KING		HENRY PALMER SABIN
	1916	
EDWARD HEARSEY BARRY		IRVING BARRY McDANIEL
CARUTHERS ASKEW COLEMAN		ERNEST EDWARD POLLEY
WILLIAM HAROLD FLEMING		RICHARD STEWART ROWLETT
GEORGE DAVIS KITTREDGE		RAY BOBB WALTER
		RUSSELL HUBBARD WHITE
	1917	
ARTHUR DEWINT BAKER		FRANK STANLEY KRUG, Jr.
BRIAN CUTLER CURTIS		LINWOOD IRVING NOYES
EDWARD SEGUIN COUCH		CARLOS STONE ROOD
LAWRENCE DAVIS		JOSEPH HENRY STAGG, Jr.
PHILIP EDWIN HULBURD		EDWIN MORTIMER WOODWARD
	1918	
GEORGE EDWARD McLAUGHLIN		MARVIN MARK STETLER
BENJAMIN NIELSON		FREDERICK WILLIAM WHITE, Jr.

234 Newbury Street



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1908

Drexel, Phila.



PHI GAMMA DELTA

Established 1848

CHAPTER ROLL

Alpha	Washington and Jefferson College	Washington, Pa.
Lambda	De Pauw University	Greencastle, Ind.
Omicron	University of Virginia	Charlottesville, Va.
Xi	Gettysburg College	Gettysburg, Pa.
Pi	Allegheny College	Meadville, Pa.
Tau	Hanover College	Hanover, Ind.
Psi	Wabash College	Crawfordsville, Ind.
Omega	Columbia University	New York, N.Y.
Alpha Deuteron	Illinois Wesleyan University	Bloomington, Ill.
Gamma Deuteron	Knox College	Galesburg, Ill.
Zeta Deuteron	Washington and Lee University	Lexington, Va.
Theta Deuteron	Ohio Wesleyan University	Delaware, Ohio
Zeta	Indiana State University	Bloomington, Ind.
Nu Deuteron	Yale University	New Haven, Conn.
Omicron Deuteron	Ohio State University	Columbus, Ohio
Beta	University of Pennsylvania	Philadelphia, Pa.
Pi Deuteron	University of Kansas	Lawrence, Kan.
Delta	Bucknell College	Lewisburg, Pa.
Lambda Deuteron	Denison University	Granville, Ohio
Rho Deuteron	Wooster University	Wooster, Ohio
Sigma Deuteron	Lafayette College	Easton, Pa.
Sigma	Wittenberg College	Springfield, Ohio
Zeta Phi	William Jewell	Liberty, Mo.
Delta Xi	University of California	Berkeley, Cal.
Theta Psi	Colgate University	Hamilton, N.Y.
Beta Chi	Lehigh University	S. Bethlehem, Pa.
Gamma Phi	Pennsylvania State College	State College, Pa.
Iota Mu	Massachusetts Institute of Technology	Boston, Mass.
Kappa Nu	Cornell University	Ithaca, N.Y.
Mu Sigma	University of Minnesota	Minneapolis, Minn.
Rho Chi	Richmond College	Richmond, Va.
Beta Mu	Johns Hopkins	Baltimore, Md.
Kappa Tau	University of Tennessee	Knoxville, Tenn.
Pi Iota	Worcester Polytechnic Institute	Worcester, Mass.
Nu Epsilon	New York University	University Heights, N.Y.
Alpha Chi	Amherst College	Amherst, Mass.
Tau Alpha	Trinity College	Hartford, Conn.
Chi	Union College	Schenectady, N.Y.
Mu	University of Wisconsin	Madison, Wis.
Chi Iota	University of Illinois	Champaign, Ill.
Lambda Nu	University of Nebraska	Lincoln, Neb.
Chi Mu	University of Missouri	Columbia, Mo.
Omega Mu	University of Maine	Orono, Me.
Sigma Tau	University of Washington	Seattle, Wash.
Delta Nu	Dartmouth College	Hanover, N.H.
Sigma Nu	University of Syracuse	Syracuse, N.Y.
Theta	University of Alabama	Tuscaloosa, Ala.
Tau Deuteron	University of Texas	Austin, Tex.

Xi Deuteron	Adelbert College	Cleveland, Ohio
Lambda Iota	Purdue University	La Fayette, Ind.
Pi Rho	Brown University	Providence, R.I.
Chi Upsilon	Chicago University	Chicago, Ill.
Alpha Phi	University of Michigan	Ann Arbor, Mich.
Lambda Sigma	Leland Stanford Junior University	Stanford University, Cal.
Alpha Iota	Iowa State College	Ames, Ia.
Chi Sigma	Colorado College	Colorado Springs, Col.
Epsilon Omicron	University of Oregon	Eugene, Ore.
Beta Kappa	University of Colorado	Boulder, Col.
Iota	Williams College	Williamstown, Mass.

PHI GAMMA DELTA

Iota Mu Chapter

Established 1889

Frater in Facultate

HENRY PAUL TALBOT

Fratres

1915

MARSHALL BERTRAND DALTON	ARCHIBALD STONE MORRISON
GABE BOUCK HILTON	EASTMAN ATKINS WEAVER
EDMUND ALDEN	WHITING

1916

HOWARD PAUL CLAUSSEN	CHARLES SALISBURY MAKEPEACE
HORACE EDWARD HALL	DAVID LONGFELLOW PATTEN
CHARLES WILLIAM LAWRENCE	HENRY BRADBURY SHEPARD
GEORGE HORTON	STICKNEY

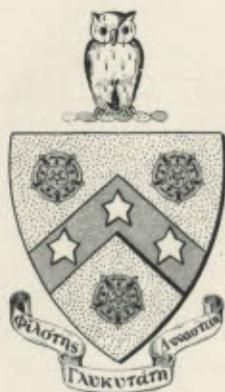
1917

FRANK LINTON BUTTERWORTH	HARRISON PRESCOTT EDDY, Jr.
LAURENCE HASSELL DELABARRE	WALTER HARRINGTON
ATWOOD PACKARD DUNHAM	ADOLPHE HELCK WENZEL
STANLEY COVERT DUNNING	RICHARD THOMPSON WHITNEY

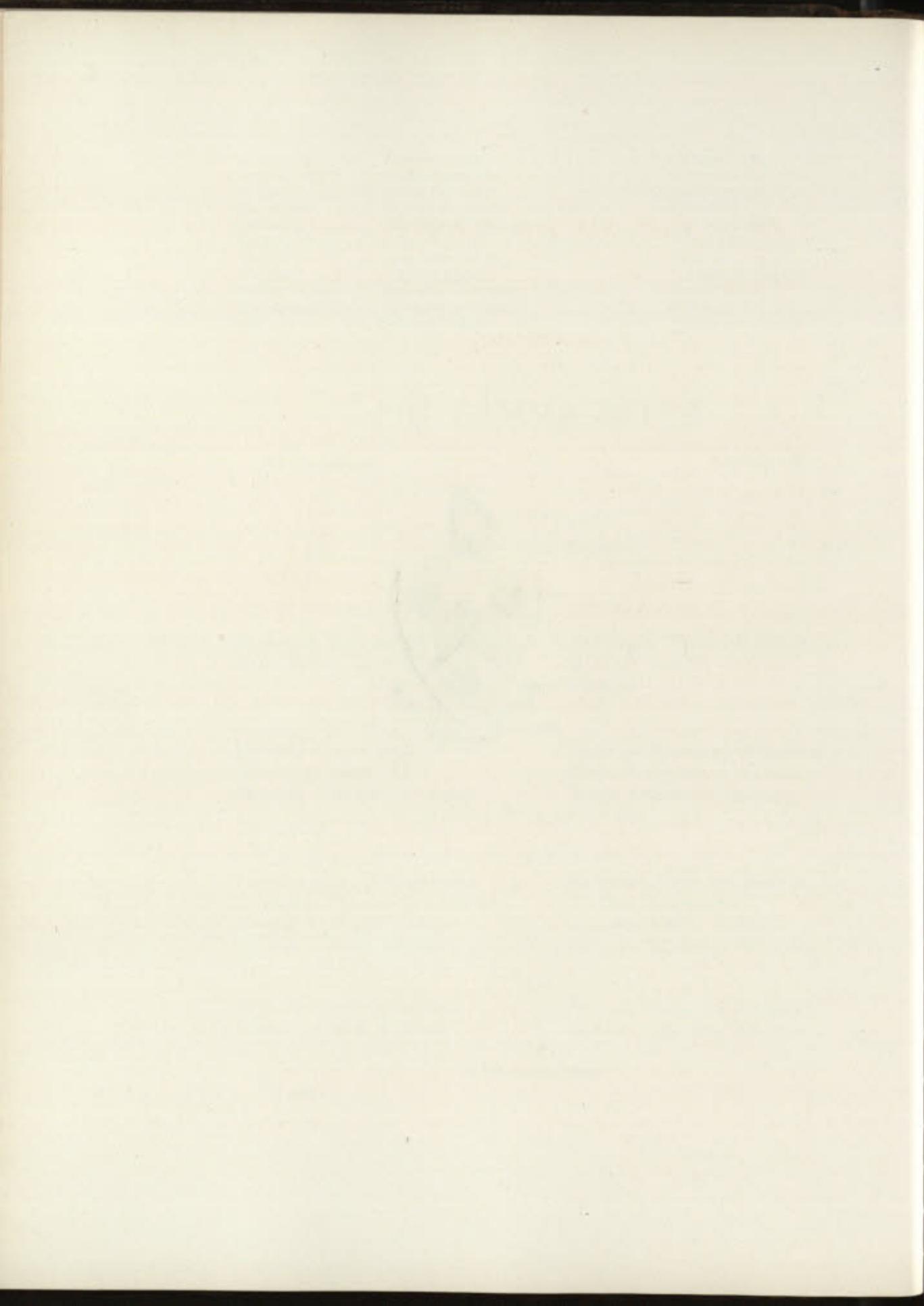
1918

DONALD GEORGE BRADLEY	SAXTON WOODBURY FLETCHER
KENNEY ALBERT BURGESS	EDWARD WHITTIER HELIER

12 Newbury Street



E. A. Payne, 1910
1856



PHI SIGMA KAPPA

Established 1873

Massachusetts Agricultural College

CHAPTER ROLL

A	Massachusetts Agricultural College	Amherst, Mass.
B	Union University	Albany, N.Y.
Γ	Cornell University	Ithaca, N.Y.
Δ	University of West Virginia	Morgantown, W. Va.
E	Yale University	New Haven, Conn.
Z	College of the City of New York	New York City
H	University of Maryland	Baltimore, Md.
Θ	Columbia University	New York City
I	Stevens Institute of Technology	Hoboken, N.J.
K	Pennsylvania State College	State College, Pa.
Λ	George Washington University	Washington, D.C.
M	University of Pennsylvania	Philadelphia, Pa.
N	Lehigh University	South Bethlehem, Pa.
Ξ	St. Lawrence University	Canton, N.Y.
O	Massachusetts Institute of Technology	Boston, Mass.
Π	Franklin and Marshall College	Lancaster, Pa.
Σ	St. John's College	Annapolis, Md.
T	Dartmouth College	Hanover, N.H.
Υ	Brown University	Providence, R.I.
Φ	Swarthmore College	Swarthmore, Pa.
X	Williams College	Williamstown, Mass.
Ψ	University of Virginia	Charlottesville, Va.
Ω	University of California	Berkeley, Cal.
A Δ	University of Illinois	Champaign, Ill.
B Δ	University of Minnesota	Minneapolis, Minn.
Γ Δ	Iowa State College	Ames, Ia.
Δ Δ	University of Michigan	Ann Arbor, Mich.

PHI SIGMA KAPPA

Omicron Chapter

Established 1902

Frater in Facultate

CHARLES BLANEY BREED

Fratres

1915

HAROLD REUBEN BASSETT
EMILE LANDRU
LEWIS WILLIAM PRESCOTT
ROSWELL MILLER RENNIE
HERBERT DYER SWIFT
HERBERT HARTWELL WHITCOMB

1916

MORGAN PUTNAM CURTIS
JAMES MORRISON EVANS
JESSE FLETCHER
HAROLD CHIPMAN FULLER
GILBERT HERMAN GAUS
MERRIL CLIFFORD LIEBENSBURGER
GEORGE MONTGOMERY LOVEJOY, Jr.
JAMES MUIR RALSTON
AUSTIN BRYANT REEVES
GEORGE WILLIAMS REPETTI
LOUIS WALDO STEVENS
HARVY ELIJAH WELLMAN

1917

SAMUEL HARRISON CHAMBERLAIN, Jr.
KINGSLEY ALEXANDER GILLESPIE
ELMER CLARKE MATTHEWS
WALTER LYMAN MEDDING
CHARLES DIX PROCTOR
WALTER BURROUGHS STRONG

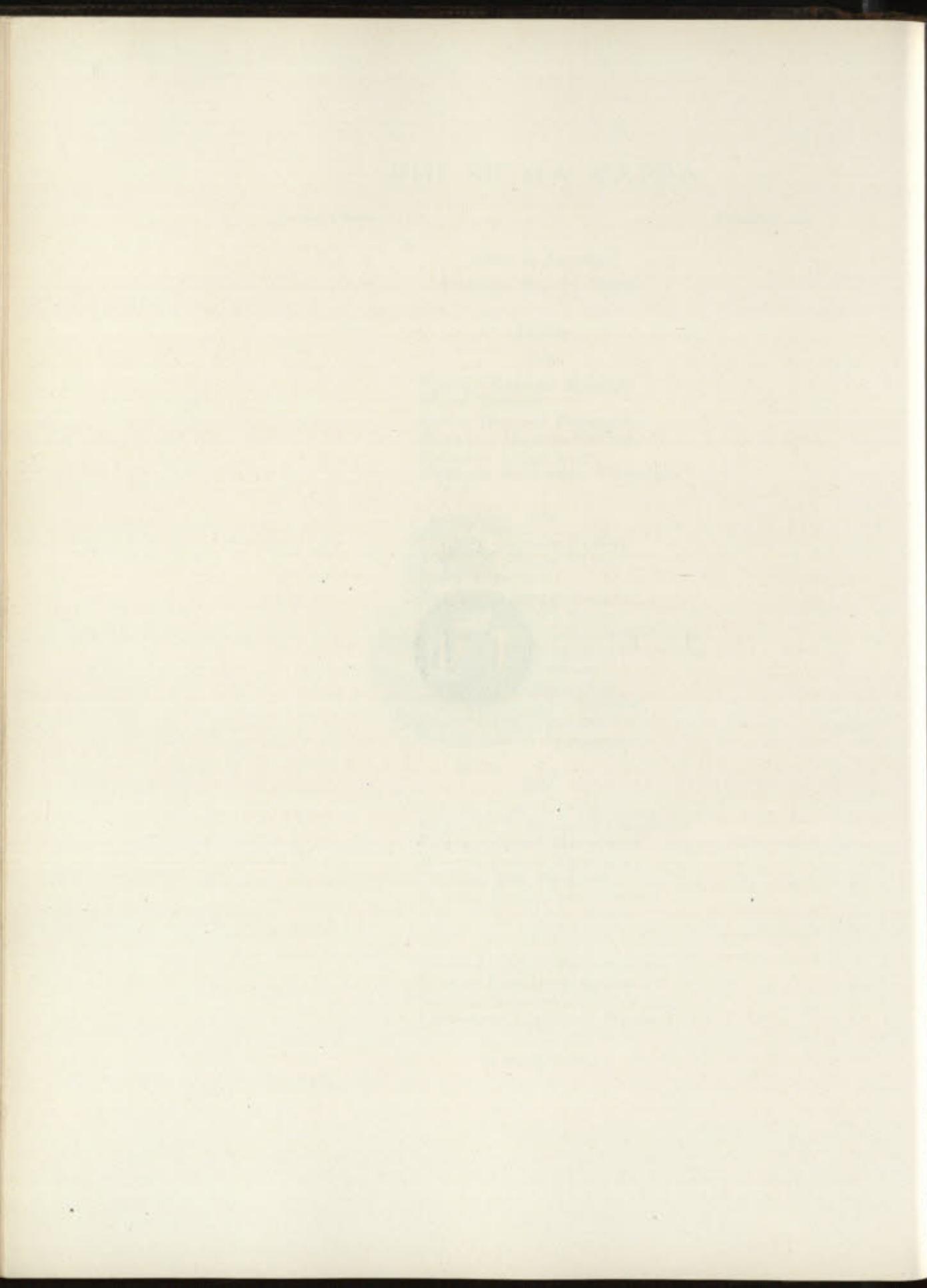
1918

WILLIAM KURTZ BRUCHHAUSER
ALFRED RADCLIFFE EVANS
GEORGE BRADFIELD HUTCHINGS
FREDERICK LAURENCE WARNER

16 *Exeter Street*



GENEVE
S. 46



THETA CHI

Established at Norwich University, 1856

CHAPTER ROLL

Alpha	Norwich University	Northfield, Vt.
Beta	Massachusetts Institute of Technology	Boston, Mass.
Gamma	University of Maine	Orono, Me.
Delta	Rensselaer Polytechnic Institute	Troy, N.Y.
Epsilon	Worcester Polytechnic Institute	Worcester, Mass.
Zeta	New Hampshire State College	Durham, N.H.
Eta	Rhode Island State College	Kingston, R.I.
Theta	Massachusetts Agricultural College	Amherst, Mass.
Iota	Colgate University	Hamilton, N.Y.
Kappa	University of Pennsylvania	Philadelphia, Pa.
Lambda	Cornell University	Ithaca, N.Y.
Mu	University of California	Berkeley, Cal.
Nu	Hampden-Sidney College	Hampden-Sidney, Va.
Xi	University of Virginia	Charlottesville, Va.

Boston Alumni Chapter	Boston, Mass.
New York Alumni Chapter	New York City
Western Vermont Alumni Chapter	Burlington, Vt.
Providence Alumni Chapter	Providence, R.I.
Pittsburg Alumni Chapter	Pittsburgh, Pa.
Worcester Alumni Chapter	Worcester, Mass.
Philadelphia Alumni Chapter	Philadelphia, Pa.
Hartford Alumni Chapter	Hartford, Conn.

THETA CHI

Beta Chapter

Established 1902

Fratres

Post Graduate

CHARLES SHEPARD LEE

1915

DONALD BELCHER
RAYMOND DANIEL GLADDING
GEORGE FREDERIC NIXON
ALFRED FRANCIS NYE
CHESTER MORRILL RUNELS
WILLIAM TALLMAN
RALPH VOSBURG TIFFANY
JAMES ALNER TOBEY
HERBERT NEWTON TURRELL
GEORGE HAROLD WARFIELD
WARREN CLIFFORD WHITMAN
CHARLES HOWARD WILKINS

1916

CHARLES MILLER BLACK
WILLIAM WOLFTONE DRUMMEY
HAROLD LARNER
BURKETT DUNLAP NEWTON
EDWARD BROOKS PETERS

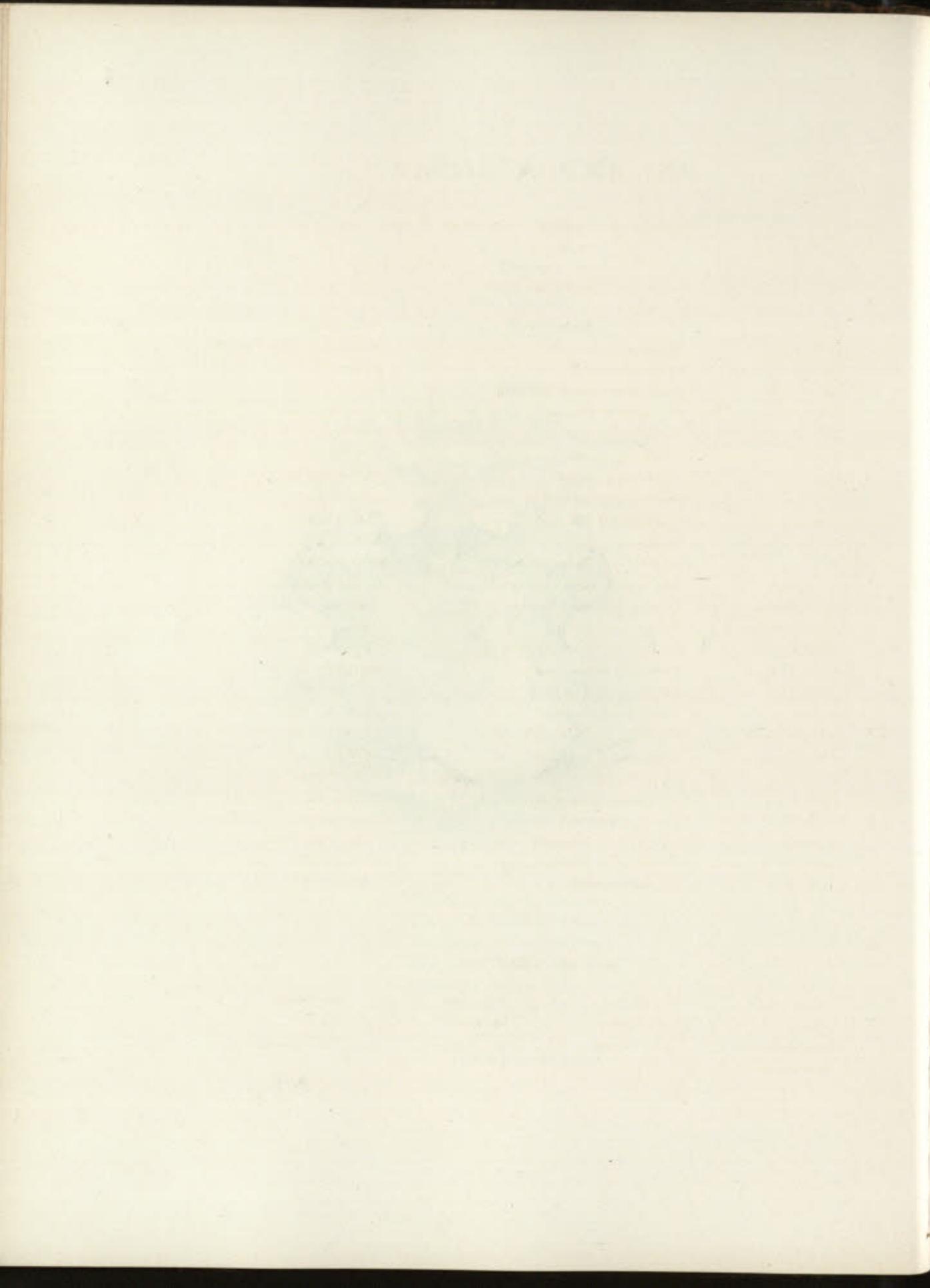
1917

WILLIAM MACK ANGAS
CHARLES OSGOOD DRAYTON
FREDERICK LESLIE FORD
WENDELL BRADFORD FORD
STEPHEN MEAD LEE
JOSEPH BENTON WIRT

1049 *Beacon Street*



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2790



PHI KAPPA SIGMA

Founded at the University of Pennsylvania in 1850

CHAPTER ROLL

Alpha	University of Pennsylvania	Philadelphia, Pa.
Delta	Washington and Jefferson College	Washington, Pa.
Epsilon	Dickinson College	Carlisle, Pa.
Zeta	Franklin and Marshall College	Lancaster, Pa.
Eta	University of Virginia	University, Va.
Iota	Columbia University	New York, N. Y.
Mu	Tulane University	New Orleans, La.
Rho	University of Illinois	Champaign, Ill.
Tau	Randolph-Macon College	Ashland, Va.
Upsilon	Northwestern University	Evanston, Ill.
Phi	Richmond College	Richmond, Va.
Psi	Pennsylvania State College	State College, Pa.
Alpha Alpha	Washington and Lee University	Lexington, Va.
Alpha Gamma	University of West Virginia	Morgantown, W. Va.
Alpha Delta	University of Maine	Orono, Me.
Alpha Epsilon	Armour Institute of Technology	Chicago, Ill.
Alpha Zeta	University of Maryland	Baltimore, Md.
Alpha Theta	University of Wisconsin	Madison, Wis.
Alpha Iota	Vanderbilt University	Nashville, Tenn.
Alpha Kappa	University of Alabama	University, Ala.
Alpha Lambda	University of California	Berkeley, Cal.
Alpha Mu	Massachusetts Institute of Technology	Boston, Mass.
Alpha Nu	Georgia Institute of Technology	Atlanta, Ga.
Alpha Xi	Purdue University	Lafayette, Ind.
Alpha Omicron	University of Michigan	Ann Arbor, Mich.
Alpha Pi	University of Chicago	Chicago, Ill.
Alpha Rho	Cornell University	Ithaca, N. Y.

ALUMNI CHAPTERS

Philadelphia	Atlanta	New York	Harrisburg
Chicago	Evanston	Baltimore	Detroit
Pittsburgh	Richmond	Los Angeles	San Francisco
New Orleans			

PHI KAPPA SIGMA

Alpha Mu Chapter

Established 1903

Fratres in Facultate

DUGALD C. JACKSON
WILLIAM H. WALKER

1915

WILLIAM HENRY BRACKETT
THEODORE GATES BROWN
PAUL CONNOR
NEWELL LATHROP FOSTER
CHARLES WILBUR FRY
CARLETON WOODWARD LOVELL
DONALD WISE PERIN
ROBERT ANTOINE SCHMUCKER
PAUL HUSE TAYLOR
NATHANIEL PENDLETON WHITE

1916

JOSEPH WARREN BARKER
PAUL HATCH
KENNETH MADISON McDONALD
MILTON WALLACE PETTIBONE
ODEN BOWIE PYLE
WALTER VINAL REED
SUMNER MAURICE SPAULDING
ERLING BRYNJULF STOCKMANN
BAILEY TOWNSHEND
JAMES PHILIP UHLINGER

1917

PHILIP NAHM CRISTAL
WILLIAM FRANKLIN DEAN
JOSHUA FRANK DUNBAR, Jr.
HAROLD JAY QUILHOT
LLOYD BERGEN SALT

1918

NELSON ARTHUR BOND
JULIAN CHEEVER HOWE
BENTLEY ALMERIN GLEED MERRICK

225 Newbury Street



*E. J. Wright, Printer
112 Broadway, New York*



ALPHA TAU OMEGA

Founded at Virginia Military Institute in 1865

CHAPTER ROLL

PROVINCE I

Alabama Alpha Epsilon	Alabama Polytechnic Institute	Auburn, Ala.
Alabama Beta Beta	Southern University	Greensboro, Ala.
Alabama Beta Delta	University of Alabama	Tuscaloosa, Ala.
Florida Alpha Omega	University of Florida	Gainesville, Fla.
Georgia Alpha Beta	University of Georgia	Athens, Ga.
Georgia Alpha Theta	Emory College	Oxford, Ga.
Georgia Alpha Zeta	Mercer University	Macon, Ga.
Georgia Beta Iota	Georgia School of Technology	Atlanta, Ga.
Louisiana Beta Epsilon	Tulane University	New Orleans, La.
Texas Gamma Eta	University of Texas	Austin, Tex.

PROVINCE II

Illinois Gamma Zeta	University of Illinois	Champaign, Ill.
Illinois Gamma Xi	University of Chicago	Chicago, Ill.
Indiana Gamma Gamma	Rose Polytechnic Institute	Terre Haute, Ind.
Indiana Gamma Omicron	Purdue University	Lafayette, Ind.
Michigan Alpha Mu	Adrian College	Adrian, Mich.
Michigan Beta Kappa	Hillsdale College	Hillsdale, Mich.
Michigan Beta Lambda	University of Michigan	Ann Arbor, Mich.
Michigan Beta Omicron	Albion College	Albion, Mich.
Wisconsin Gamma Tau	University of Wisconsin	Madison, Wis.

PROVINCE III

Colorado Gamma Lambda	University of Colorado	Boulder, Col.
Iowa Beta Alpha	Simpson College	Indianola, Ia.
Iowa Gamma Upsilon	Iowa State College	Ames, Ia.
Kansas Gamma Mu	University of Kansas	Lawrence, Kan.
Minnesota Gamma Nu	University of Minnesota	Minneapolis, Minn.
Missouri Gamma Rho	University of Missouri	Columbia, Mo.
Nebraska Gamma Theta	University of Nebraska	Lincoln, Neb.
Wyoming Gamma Psi	University of Wyoming	Laramie, Wyo.

PROVINCE IV

Maine Beta Upsilon	University of Maine	Orono, Me.
Maine Gamma Alpha	Colby College	Waterville, Me.
Massachusetts Beta Gamma	Massachusetts Institute of Technology	Boston, Mass.
Massachusetts Gamma Beta	Tufts College	Tufts College, Mass.
Massachusetts Gamma Sigma	Worcester Polytechnic Institute	Worcester, Mass.
Rhode Island Gamma Delta	Brown University	Providence, R.I.
Vermont Beta Zeta	University of Vermont	Burlington, Vt.

PROVINCE V

New York Alpha Omicron	St. Lawrence University	Canton, N.Y.
New York Beta Theta	Cornell University	Ithaca, N.Y.
Pennsylvania Alpha Iota	Muhlenberg College	Allentown, Pa.
Pennsylvania Alpha Pi	Washington and Jefferson College	Washington, Pa.
Pennsylvania Alpha Rho	Lehigh University	S. Bethlehem, Pa.
Pennsylvania Alpha Upsilon	Pennsylvania College	Gettysburg, Pa.
Pennsylvania Tau	University of Pennsylvania	Philadelphia, Pa.
Pennsylvania Gamma Omega	Pennsylvania State College	State College, Pa.

PROVINCE VI

North Carolina Alpha Delta	University of North Carolina	Chapel Hill, N.C.
North Carolina Xi	Trinity College	Durham, N.C.
South Carolina Beta Xi	College of Charleston	Charleston, S.C.
Virginia Beta	Washington and Lee University	Lexington, Va.
Virginia Delta	University of Virginia	Charlottesville, Va.

PROVINCE VII

Ohio Alpha Nu	Mt. Union College	Alliance, Ohio
Ohio Alpha Psi	Wittenberg College	Springfield, Ohio
Ohio Beta Eta	Ohio Wesleyan University	Delaware, Ohio
Ohio Beta Omega	Ohio State University	Columbus, Ohio
Ohio Gamma Kappa	Western Reserve University	Cleveland, Ohio

PROVINCE VIII

Kentucky Mu Iota	State University of Kentucky	Lexington, Ky.
Tennessee Alpha Tau	Southwestern Presbyterian University	Clarksville, Tenn.
Tennessee Beta Pi	Vanderbilt University	Nashville, Tenn.
Tennessee Beta Tau	Union University	Jackson, Tenn.
Tennessee Omega	University of the South	Sewanee, Tenn.
Tennessee Pi	University of Tennessee	Knoxville, Tenn.

PROVINCE IX

California Beta Psi	Leland Stanford University	Stanford University, Cal.
California Gamma Iota	University of California	Berkeley, Cal.
Oregon Gamma Phi	University of Oregon	Eugene, Ore.
Washington Gamma Chi	Washington State College	Pullman, Wash.
Washington Gamma Pi	University of Washington	Seattle, Wash.

ALPHA TAU OMEGA

Beta Gamma Chapter

Established 1885

Frater in Facultate

CHARLES F. PARK

Fratres

1915

JOSEPH WOODWARD BARNWELL	CLIFFORD EDWARD SIFTON
HERBERT JOSEPH BEIERL	THEODORE FRANKLIN SPEAR
HUBERT STAFFORD JAMES	CARL WILBUR WOOD
ARTHUR LINDSAY NELSON	GEORGE THOMPSON WOOLLEY, Jr.

1916

WILLARD COWLES BROWN	JAMES SIDNEY MARINE
PAUL HENRY BUXTON	ALEXANDER MARTIN
CARY BRECKINRIDGE EASLEY	ALBERT SIMMONS

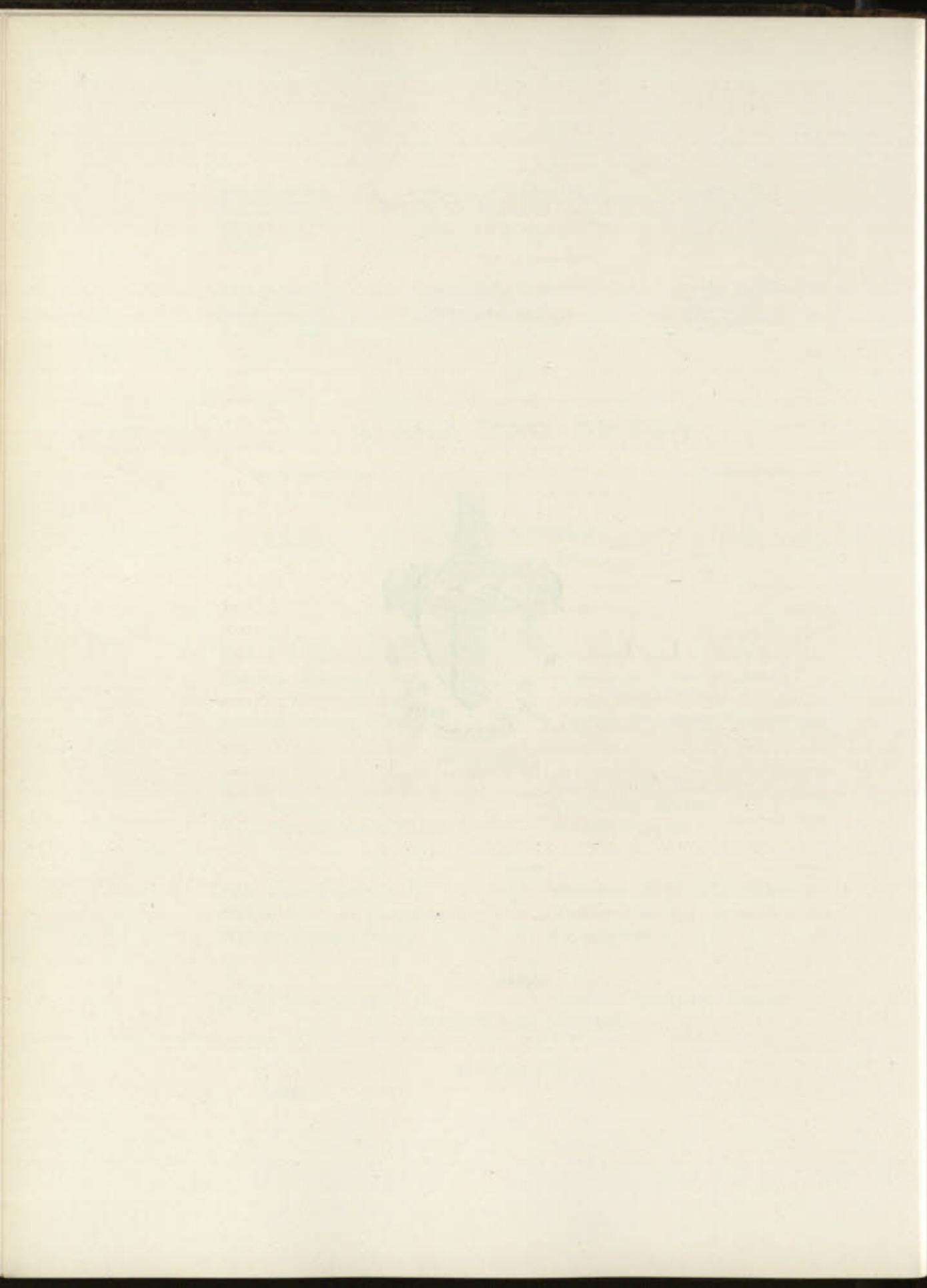
1917

PAUL JENS BERTELSEN	AUGUSTUS PAGE FARNSWORTH
JOSEPH JENNINGS CLARKSON	HARTLEY BURTON GARDNER
WALTER GREENE FARR	JACOB STORY

1918

IRVING GILMORE HALL, Jr.	CARLYLE DARRACOTT FISKE
JAMES ROSCOE MILLIKEN	

30 Newbury Street



THETA DELTA CHI

Established 1848

CHAPTER ROLL

Beta	Cornell University	1870
Gamma Deuteron	University of Michigan	1889
Delta Deuteron	University of California	1900
Epsilon	College of William and Mary	1853
Zeta	Brown University	1853
Zeta Deuteron	McGill University	1901
Eta	Bowdoin College	1854
Eta Deuteron	Leland Stanford Junior University	1903
Theta Deuteron	Massachusetts Institute of Technology	1891
Iota	Harvard University	1856
Iota Deuteron	Williams College	1891
Kappa	Tufts College	1856
Kappa Deuteron	University of Illinois	1908
Mu Deuteron	Amherst College	1885
Nu	University of Virginia	1857
Nu Deuteron	Lehigh University	1884
Xi	Hobart College	1857
Omicron Deuteron	Dartmouth College	1869
Pi Deuteron	College of the City of New York	1881
Rho Deuteron	Columbia University	1883
Sigma Deuteron	University of Wisconsin	1895
Tau Deuteron	University of Minnesota	1895
Phi	Lafayette College	1867
Chi	University of Rochester	1867
Chi Deuteron	George Washington University	1896
Psi	Hamilton College	1863
Lambda Deuteron	University of Toronto	1912
Xi Deuteron	University of Washington	1913

THETA DELTA CHI

Theta Deuteron

Established 1890

Frater in Facultate

NATHAN RICHARD GEORGE, Jr.

Fratres

1915

HAMILTON SCHAEFFER FRAZINE
CLARENCE WILLIAM HALE
ADELBERT DELANO HILLER
HENRY LEONARD MARION
EVERETT EUGENE PLACE
CHARLES WYATT WILLIAMS

1916

HORACE CLEVELAND BURNHAM
ARTHUR KNOWLES STEWART
HOWARD RAITT STEWART
WALTER SCOTT STEWART
WINTHROP GORDON THOMAS

1917

ARTHUR KINDRED ATKINS
CHARLES THOMAS BARNARD
DONALD OSBORNE FRIEND
SERVALL HERBERT
DONALD SARGENT KENDALL
ALVAH EDGAR MOODY
JUDSON CROMWELL RICHARDSON
ROY LE VAN SIDELINGER
EDMOND SPENCER
DEXTER ARTHUR TUTEIN
IRVING WALKER YOUNG, Jr.

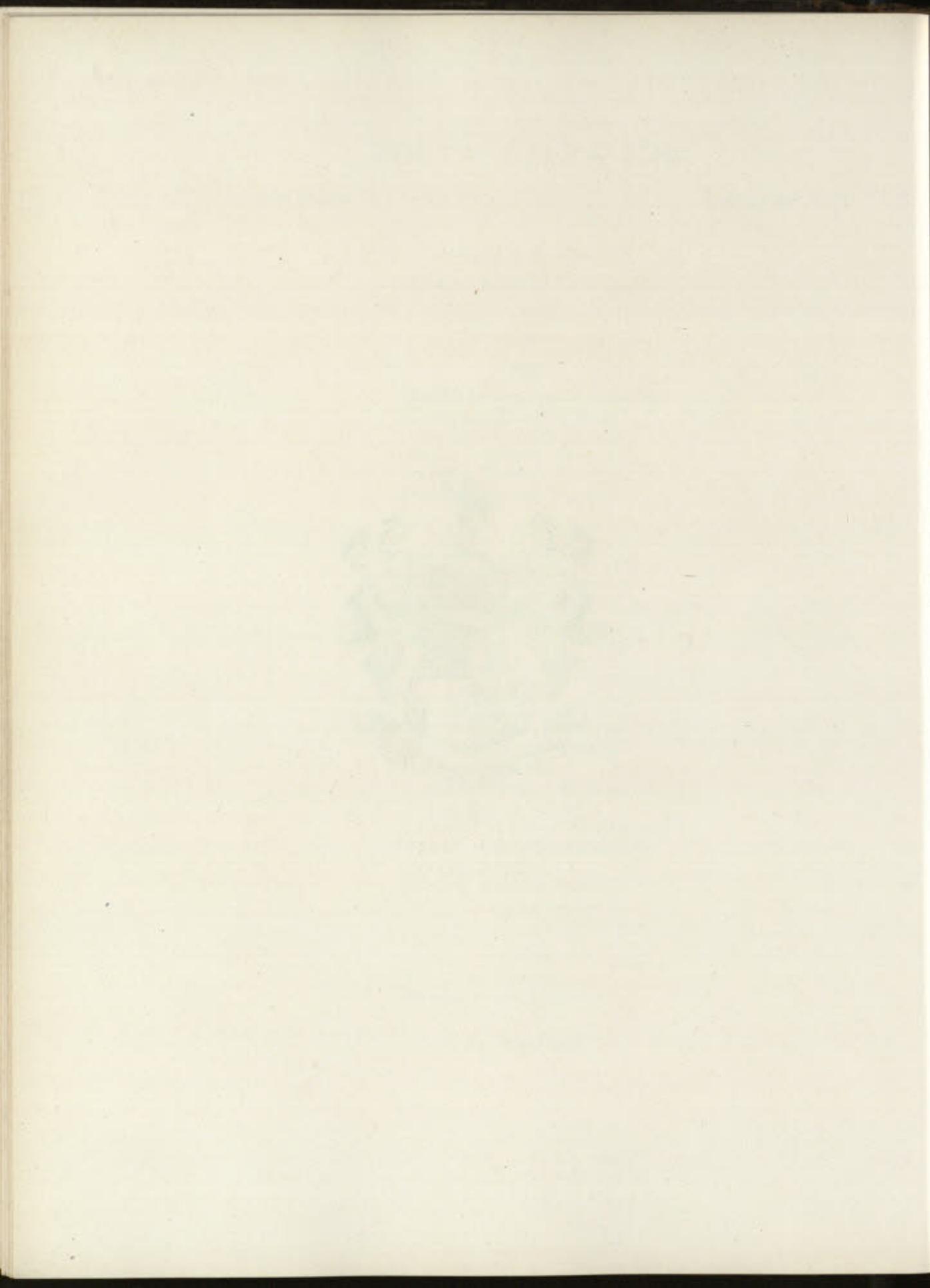
1918

INGRAHAM CURTIS
OTTOMAR GAY HUGO

80 Bay State Road



ΕΠΙΣΤΗΜΟΝΟΝ ΤΟΝ ΕΝΘΡΟΝΟΝ ΕΧΟΥΤΕΣ
ΕΙΣΘΡΟΝΟΝ ΘΕΟΥ ΕΧΟΥΤΕΣ
1837



LAMBDA PHI

Local at Technology

ESTABLISHED 1906

LAMBDA PHI

Frater in Facultate

EDGAR IRVING WILLIAMS

Fratres

1915

LAWRENCE HUMPHREY BAILEY

LEONARD ERNEST BEST

DAVID MULVANE HUGHES

HENRY LORENT LEEB

1916

WILLIAM LEE GRAVES

ALEXANDER ERNST HALBERSTADT

LUCIUS TUTTLE HILL

GEORGE HUBERT PETIT

JOHN BRUCE SHEDDEN

HARRY CHANDLER STEARNS

LEROY WARING WILSON

1917

LUIS JUAN BACARDI

WILLIAM BROWN HUNTER

RALPH HERSEY ROSS

1918

WILLIAM CHAPMAN FOSTER

EDWARD CRIPPEN LAYNG

GRANVILLE BYAM SMITH

258 Newbury Street



CAMBRIDGE
1916



LAMBDA CHI ALPHA

Established at Boston University, 1912

ZETA ROLL

Alpha Zeta	Boston University	Boston, Mass.
Gamma Zeta	Massachusetts Agricultural College	Amherst, Mass.
Epsilon Zeta	University of Pennsylvania	Philadelphia, Pa.
Zeta Zeta	Pennsylvania State College	State College, Pa.
Iota Zeta	Brown University	Providence, R.I.
Lambda Zeta	Massachusetts Institute of Technology	Boston, Mass.
Beta Zeta	University of Maine	Orono, Me.
Sigma Zeta	University of Michigan	Ann Arbor, Mich.
Phi Zeta	Rutgers College	New Brunswick, N.J.
Delta Zeta	Bucknell University	Lewisburg, Pa.
Pi Zeta	Worcester Polytechnic Institute	Worcester, Mass.
Omicron Zeta	Cornell University	Ithaca, N.Y.
Mu Zeta	University of California	Berkeley, Cal.
Tau Zeta	Washington State College	Pullman, Wash.
Eta Zeta	Rhode Island State College	Kingston, R.I.
Theta Zeta	Dartmouth College	Hanover, N.H.
Upsilon Zeta	Louisiana State University	Baton Rouge, La.
Xi Zeta	De Pauw University	Greencastle, Ind.

LAMBDA CHI ALPHA

Lambda Zeta Chapter

Established 1913

Fratres in Facultate

ROBERT DALAND BONNEY
EDWIN TUTTLE COLE

Fratres

1915

GEORGE NATHAN ALTHOUSE
NORRIS EATON KIMBALL
ERNEST MERRILL LOVELAND
CHARLES GRANDERSON NORTON
REGINALD FLINT POLLARD
MAURICE WERTHEIM SALOMONSON
ELLIS SPENCE TISDALE
RAYMOND HAMILTON WALCOTT

1916

JOHN KRETZING HELLER
FRANK ENOS PARSONS

1917

ALFRED KUTZ ALTHOUSE
NOAH WEBSTER GOKEY
BENJAMIN IRESON LEWIS
ALLYNE CUSHING LITCHFIELD
LELAND HOWARD LITTLEFIELD
DEAN HUNTINGTON PARKER
FRANK EDWARD PEACOCK
EDWARD VAUGHN POLLARD
RAYMOND SLACK SMITH

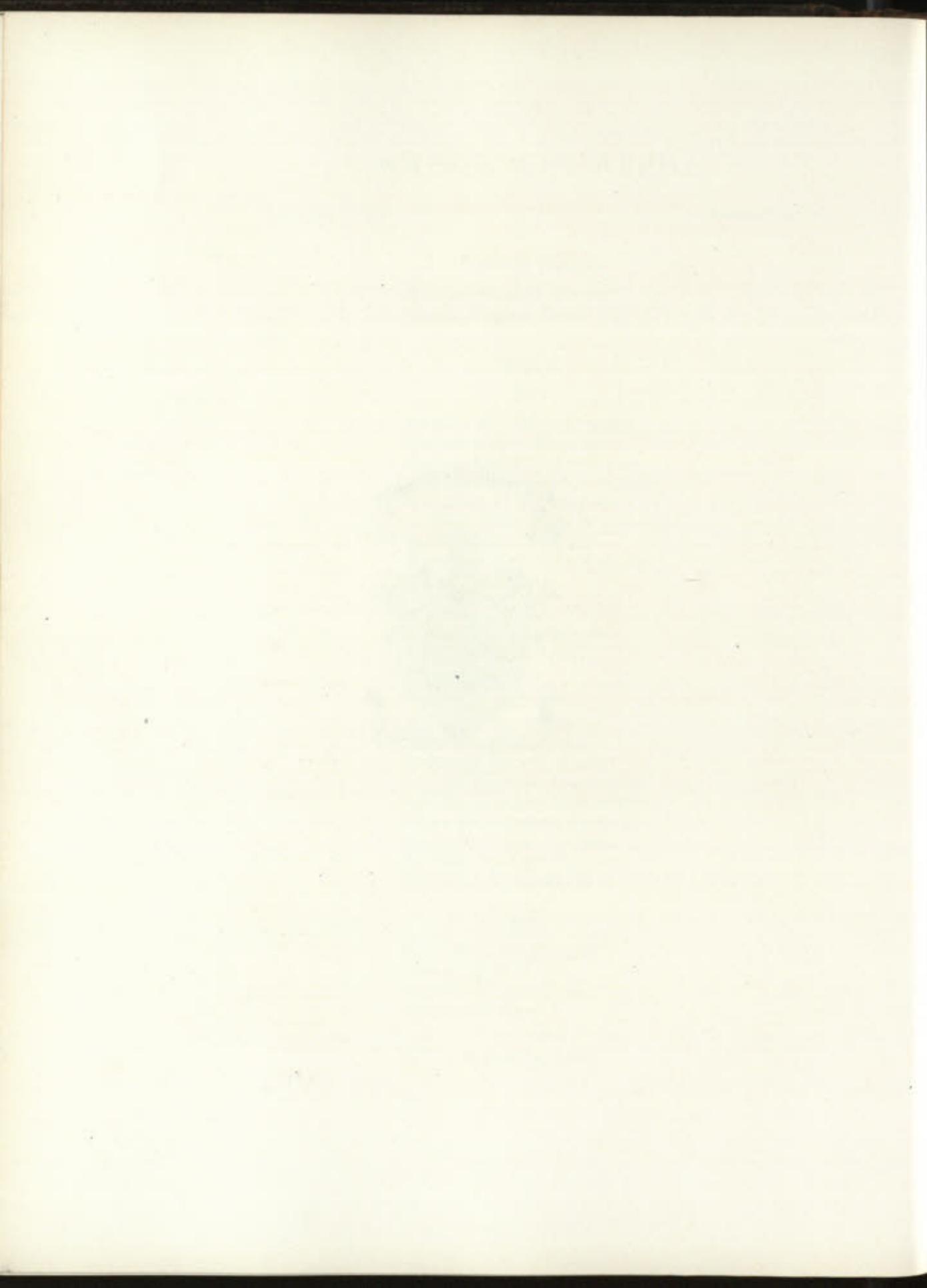
1918

EARL PRESTON COLLINS
DINSMORE ELY
DONALD CHAPIN GOSS
WILLIAM WEBER

535 Newbury Street



DESIGNED BY
MR. CAMERON FOR ALMA MATER
AND BY W. H. WOODS, R.S.A.



BETA THETA PI

Founded in 1839 at Miami University, Oxford, Ohio

CHAPTER ROLL

Alpha	Miami University	Oxford, Ohio
Beta	Western Reserve University	Cleveland, Ohio
Beta Kappa	Ohio University	Athens, Ohio
Gamma	Washington and Jefferson University	Washington, Pa.
Delta	De Pauw University	Greencastle, Ind.
Pi	Indiana University	Bloomington, Ind.
Lambda	University of Michigan	Ann Arbor, Mich.
Tau	Wabash College	Crawfordsville, Ind.
Epsilon	Central University	Danville, Ky.
Kappa	Brown University	Providence, R.I.
Eta Beta	University of North Carolina	Chapel Hill, N.C.
Theta	Ohio Wesleyan University	Delaware, Ohio
Iota	Hanover College	Hanover, Ind.
Xi	Knox College	Galesburg, Ill.
Omicron	University of Virginia	Charlottesville, Va.
Phi Alpha	Davidson College	Davidson, N.C.
Psi	Bethany College	Bethany, W. Va.
Chi	Beloit	Beloit, Wis.
Alpha Beta	University of Iowa	Iowa City, Ia.
Alpha Gamma	Wittenberg College	Springfield, Ohio
Alpha Delta	Westminster College	Fulton, Mo.
Alpha Epsilon	Iowa Wesleyan College	Mt. Pleasant, Ia.
Lambda Rho	University of Chicago	Chicago, Ill.
Alpha Eta	Denison University	Granville, Ohio
Alpha Iota	Washington University	St. Louis, Mo.
Alpha Nu	University of Kansas	Lawrence, Kan.
Alpha Pi	University of Wisconsin	Madison, Wis.
Rho	Northwestern University	Evanston, Ill.
Alpha Sigma	Dickinson College	Carlisle, Pa.
Alpha Chi	Johns Hopkins University	Baltimore, Md.
Omega	University of California	Berkeley, Cal.
Beta Alpha	Kenyon College	Gambier, Ohio
Beta Gamma	Rutgers College	New Brunswick, N.J.
Beta Delta	Cornell University	Ithaca, N.Y.
Sigma	Stevens Institute of Technology	Hoboken, N.J.
Beta Zeta	St. Lawrence University	Canton, N.Y.
Beta Eta	University of Maine	Orono, Me.
Phi	University of Pennsylvania	Philadelphia, Pa.
Beta Theta	Colgate University	Hamilton, N.Y.
Nu	Union University	Schenectady, N.Y.
Alpha Alpha	Columbia University	New York, N.Y.
Beta Iota	Amherst College	Amherst, Mass.
Beta Lambda	Vanderbilt University	Nashville, Tenn.
Beta Omicron	University of Texas	Austin, Tex.
Theta Delta	Ohio State University	Columbus, Ohio
Alpha Tau	University of Nebraska	Lincoln, Neb.
Alpha Upsilon	Pennsylvania State College	State College, Pa.
Alpha Zeta	University of Denver	Denver, Col.
Beta Epsilon	Syracuse University	Syracuse, N.Y.
Alpha Omega	Dartmouth College	Hanover, N.H.
Beta Pi	University of Minnesota	Minneapolis, Minn.
Mu Epsilon	Wesleyan University	Middletown, Conn.
Beta Nu	University of Cincinnati	Cincinnati, Ohio
Zeta Phi	University of Missouri	Columbia, Mo.
Beta Chi	Lehigh University	Bethlehem, Pa.
Phi Chi	Yale University	New Haven, Conn.
Lambda Sigma	Leland Stanford Jr. University	Stanford Univ., Cal.
Beta Psi	University of West Virginia	Morgantown, W. Va.
Beta Tau	University of Colorado	Boulder, Col.
Beta Sigma	Bowdoin College	Brunswick, Me.
Beta Omega	Washington State University	Seattle, Wash.
Sigma Rho	University of Illinois	Champaign, Ill.

Beta Mu	Purdue University	La Fayette, Ind.
Lambda Kappa	Case School of Applied Science	Cleveland, Ohio
Tau Sigma	Iowa State College	Ames, Ia.
Theta Zeta	University of Toronto	Toronto, Ont.
Gamma Phi	University of Oklahoma	Norman, Okla.
Beta Theta	Colorado School of Mines	Golden, Col.
Beta Xi	Tulane University	New Orleans, La.
Beta Rho	University of Oregon	Eugene, Ore.
Gamma Alpha	University of South Dakota	Vermillion, S.D.
Beta Upsilon	Massachusetts Institute of Technology	Boston, Mass.
Gamma Beta	University of Utah	Salt Lake City, Utah
Zeta	Williams College	Williamstown, Mass.
Gamma Gamma	University of Idaho	Moscow, Idaho
Gamma Delta	Colorado College	Colorado Springs, Col.
Gamma Epsilon	Kansas State University	Manhattan, Kan.

BETA THETA PI

Beta Upsilon Chapter

Established 1913

Fratres in Facultate

ROBERT PAINE BIGELOW
EDWARD EVERETT BUGBEE

1915

SIDNEY E CLARK	FISKE REED JONES
LLOYD HAMILTON CHELLEMAN	CLIVE WOODBURY LACY
EVERETT SHARPLES COLDWELL	WILLIAM ROBERT McEWEN
CLARENCE WEARE HOWLETT	WALDO FRANCIS PIKE
KENNETH SHERMAN JOHNSON	FRANCIS PAUL SCULLY
ALDEN HARRY WAITT	

1916

RAFAEL ALFARO	JOHN NEWMAN McDEVITT
STEWART KEITH	HENRY PALMER PINKHAM
CHARLES WHEELER LOOMIS	WILLIAM GRIFFITH SPRAGUE
BRADFORD STETSON	

1917

KIRKLAND HART DAY	FREDERICK WILLIAM DODSON
BARNETT FRED DODGE	NEAL EVERETT TOURTELLOTTE
PAUL GILBERT WOODWARD	

1918

GARDINER ENDICOTT JOHNSON	FRANK RUPERT MOORE
RALPH JOSEPH McFADDEN	GEORGE ROLAND WHITE
JAMES COUNCILL WOOTEN, 2d	

179 Bay State Road



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1754



KAPPA SIGMA

Founded in 1869 at the University of Virginia, Charlottesville, Va.

CHAPTER ROLL

DISTRICT I

Psi	University of Maine	Orono, Me.
Alpha Lambda	University of Vermont	Burlington, Vt.
Alpha Rho	Bowdoin College	Brunswick, Me.
Beta Alpha	Brown University	Providence, R.I.
Beta Kappa	New Hampshire College	Durham, N.H.
Gamma Delta	Massachusetts Agricultural College	Amherst, Mass.
Gamma Epsilon	Dartmouth College	Hanover, N.H.
Gamma Eta	Harvard University	Cambridge, Mass.
Gamma Pi	Massachusetts Institute of Technology	Boston, Mass.

DISTRICT II

Pi	Swarthmore College	Swarthmore, Pa.
Alpha Epsilon	University of Pennsylvania	Philadelphia, Pa.
Alpha Kappa	Cornell University	Ithaca, N.Y.
Beta Iota	Lehigh University	South Bethlehem, Pa.
Gamma Zeta	New York University	New York City, N.Y.
Gamma Iota	Syracuse University	Syracuse, N.Y.

DISTRICT III

Alpha Delta	Pennsylvania State College	State College, Pa.
Alpha Phi	Bucknell University	Lewisburg, Pa.
Beta Delta	Washington and Jefferson College	Washington, Pa.
Beta Pi	Dickinson College	Carlisle, Pa.

DISTRICT IV

Zeta	University of Virginia	Charlottesville, Va.
Eta	Randolph-Macon College	Ashland, Va.
Mu	Washington and Lee University	Lexington, Va.
Nu	William and Mary College	Williamsburg, Va.
Upsilon	Hampden-Sidney College	Hampden-Sidney, Va.
Alpha Alpha	University of Maryland	Baltimore, Md.
Alpha Eta	George Washington University	Washington, D.C.
Beta Beta	Richmond College	Richmond, Va.

DISTRICT V

Delta	Davidson College	Davidson, N.C.
Eta Prime	Trinity College	Durham, N.C.
Alpha Mu	University of North Carolina	Chapel Hill, N.C.
Beta Upsilon	North Carolina Agricultural and Mechanical College	West Raleigh, N.C.

DISTRICT VI

Beta	University of Alabama	Tuscaloosa, Ala.
Alpha Beta	Mercer University	Macon, Ga.
Alpha Tau	Georgia Technical College	Atlanta, Ga.
Beta Eta	Alabama Polytechnic Institute	Auburn, Ala.
Beta Lambda	University of Georgia	Athens, Ga.

DISTRICT VII

Gamma	Louisiana State University	Baton Rouge, La.
Sigma	Tulane University	New Orleans, La.
Alpha Upsilon	Millsaps College	Jackson, Miss.

DISTRICT VIII

Theta	Cumberland University	Lebanon, Tenn.
Kappa	Vanderbilt University	Nashville, Tenn.
Lambda	University of Tennessee	Knoxville, Tenn.
Phi	Southwestern Presbyterian University	Clarksville, Tenn.
Omega	University of the South	Sewanee, Tenn.
Beta Nu	University of Kentucky	Lexington, Ky.

DISTRICT IX

Alpha Zeta	University of Michigan	Ann Arbor, Mich.
Alpha Sigma	Ohio State University	Columbus, Ohio
Beta Phi	Case School of Applied Science	Cleveland, Ohio
Gamma Xi	Denison University	Granville, Ohio

DISTRICT X

Chi	Purdue University	Lafayette, Ind.
Alpha Gamma	University of Illinois	Champaign, Ill.
Alpha Pi	Wabash College	Crawfordsville, Ind.
Alpha Chi	Lake Forest University	Lake Forest, Ill.
Beta Epsilon	University of Wisconsin	Madison, Wis.
Beta Theta	University of Indiana	Bloomington, Ind.
Gamma Beta	University of Chicago	Chicago, Ill.

DISTRICT XI		
Alpha Psi	University of Nebraska	Lincoln, Neb.
Beta Mu	University of Minnesota	Minneapolis, Minn.
Beta Rho	University of Iowa	Iowa City, Ia.
Gamma Lambda	Iowa State College	Ames, Ia.

DISTRICT XII		
Alpha Omega	William Jewell College	Liberty, Mo.
Beta Gamma	University of Missouri	Columbia, Mo.
Beta Sigma	Washington University	St. Louis, Mo.
Beta Tau	Baker University	Baldwin, Kan.
Beta Chi	Missouri School of Mines	Rolla, Mo.
Gamma Nu	Washburn College	Topeka, Kan.
Gamma Omicron	University of Kansas	Lawrence, Kan.

DISTRICTS XIII AND XIV		
Xi	University of Arkansas	Fayetteville, Ark.
Gamma Kappa	University of Oklahoma	Norman, Okla.
Iota	Southwestern University	Georgetown, Tex.
Tau	University of Texas	Austin, Tex.

DISTRICT XV		
Beta Omicron	University of Denver	University Park, Col.
Beta Omega	Colorado College	Colorado Springs, Col.
Gamma Gamma	Colorado School of Mines	Golden, Col.

DISTRICT XVI		
Beta Zeta	Leland Stanford University	Stanford University, Cal.
Beta Xi	University of California	Berkeley, Cal.

DISTRICT XVII		
Beta Psi	University of Washington	Seattle, Wash.
Gamma Alpha	University of Oregon	Eugene, Ore.
Gamma Theta	University of Idaho	Moscow, Ida.
Gamma Mu	Washington State College	Pullman, Wash.

KAPPA SIGMA

Gamma Pi Chapter

Established 1914

Fratres

1915

DOUGLAS BROOKS BAKER
JAMES BRITTAIN CARSON

FRED LYSLE COOK
DONALD ADAMS FOWLE

EDWARD SCHOEPPE

1916

EUGENE JUDSON BARNEY
RAYMOND GROUT BROWN
WILLIAM GOSS BROWN
HAROLD PARKER GRAY

HALBERT HALE NEILSON
OLEN CARTER NORRIS
HENRY ERIC SCHABACKER
HENRY BENNETT SMITH

1917

WILLIAM PORTER BEALER
MALCOLM CAMERON BROCK
FRANK SOMERVILLE CARSON
RAYMOND RICHARD GAUGER
WILLIAM AYRES GRAY, Jr.

KENNETH MORTIMER LANE
RICHARD THOMAS LYONS
EDWARD WADSWORTH ROUNDS
RAYMOND SAWTELL STEVENS
ALAN PORTER SULLIVAN

1918

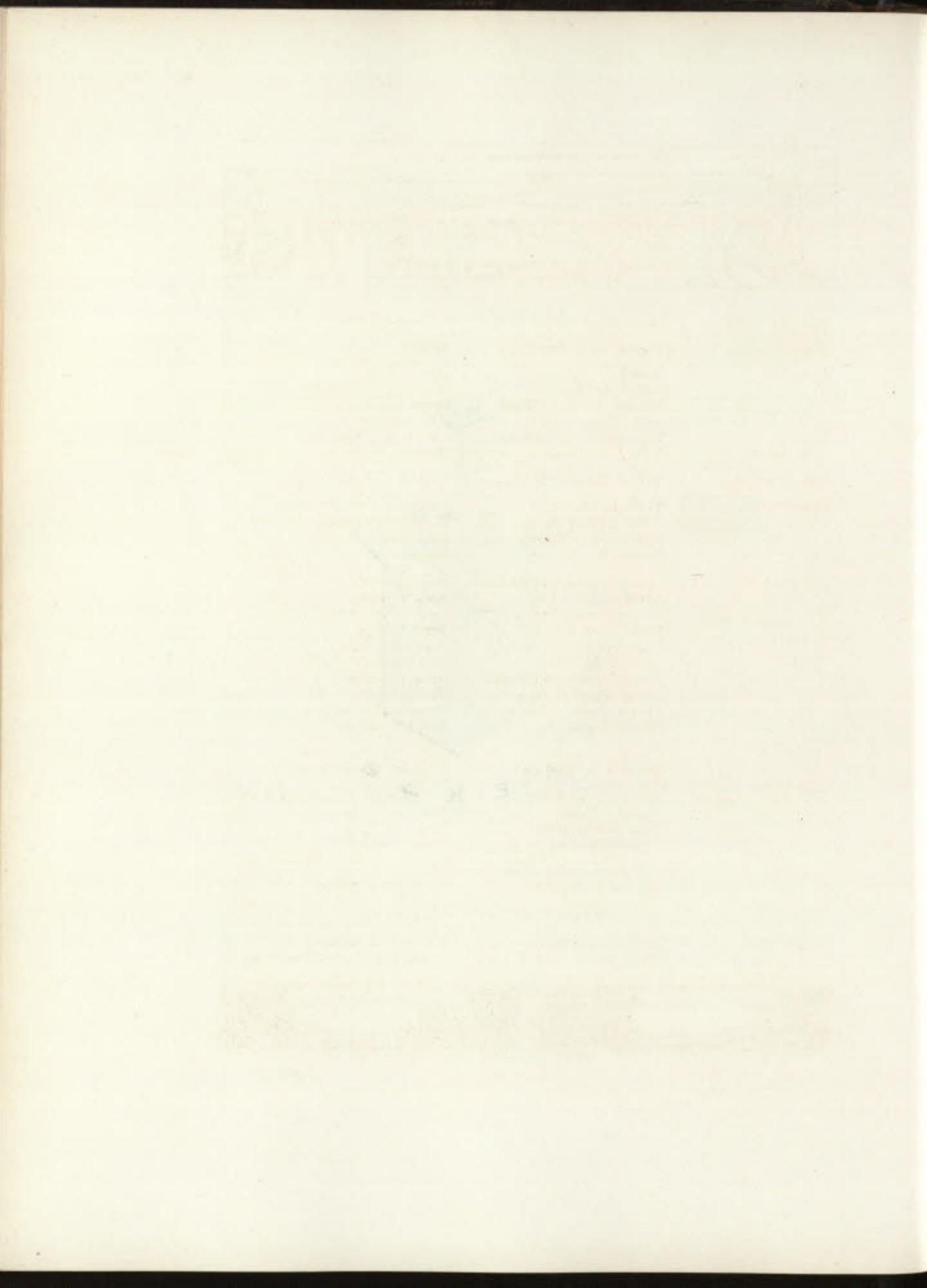
CARLETON WOODMAN BLANCHARD

ALAN BALDWIN MILLER

LAWRENCE HUGO FLETT

261 Newbury Street







<i>Alpha Nu Sigma</i> . . .	Arthur Stuart Neave	University of Cincinnati
<i>Alpha Chi Sigma</i> . . .	Norman David Doane	Allegheny College
<i>Alpha Delta Phi</i> . . .	Russell Edmund Lowe	Union College
	Arthur Merkle Miller	University of Rochester
	Nicholas Van Slyck Mumford	Brown University
	Dexter North	Hamilton College
	Kenneth Calvin Richmond	University of Rochester
	Alden Dodge Wheeler	Wesleyan University
<i>Alpha Sigma Phi</i> . . .	Melville Halstead Rood	Marietta College
<i>Alpha Tau Omega</i> . . .	Alexander Martin	University of Oregon
	Nelson Edward Baxter	Worcester Polytechnic Institute
	John Edgar DeMerritt	Tufts College
	Stephen Roy Holmes	Simpson College
<i>Beta Theta Pi</i>	Charles Frederick Cellarius	Yale University
	Alfred Henry Clark	Amherst College
	Harvey Wheeler Jackson	Colgate University
	Robert Everett Haylett	Beloit College
	John Colburn Holmes	Dartmouth College
	Lovell Waldo Mason	Yale University
	Douglas Howard McMurtie	Bowdoin College
	George Morris Steese	Yale University
	Vernon Theodore Stewart	Syracuse University
Harold Worthington	Yale University	
<i>Chi Psi</i>	Paul Page Austin, Jr.	University of California
	George Priest Igleheart	University of California
<i>Delta Kappa Epsilon</i> . .	Arthur Percy Caldwell	College of the City of New York
	Walter F. Buck	Wesleyan University
	Elmer Burke Haines	Wesleyan College
	Donald Heald White	Colby College
<i>Kappa Alpha</i> (Southern)	Alfred Edward Bannister	Cornell University
	Jackson Baldwin Wells	University of Texas
<i>Kappa Chi</i>	Howard Whipple Green	Clark College
<i>Kappa Sigma</i>	William Jones Farthing	University of Texas
	Clayton Prescott Hawes	Massachusetts Agricultural College

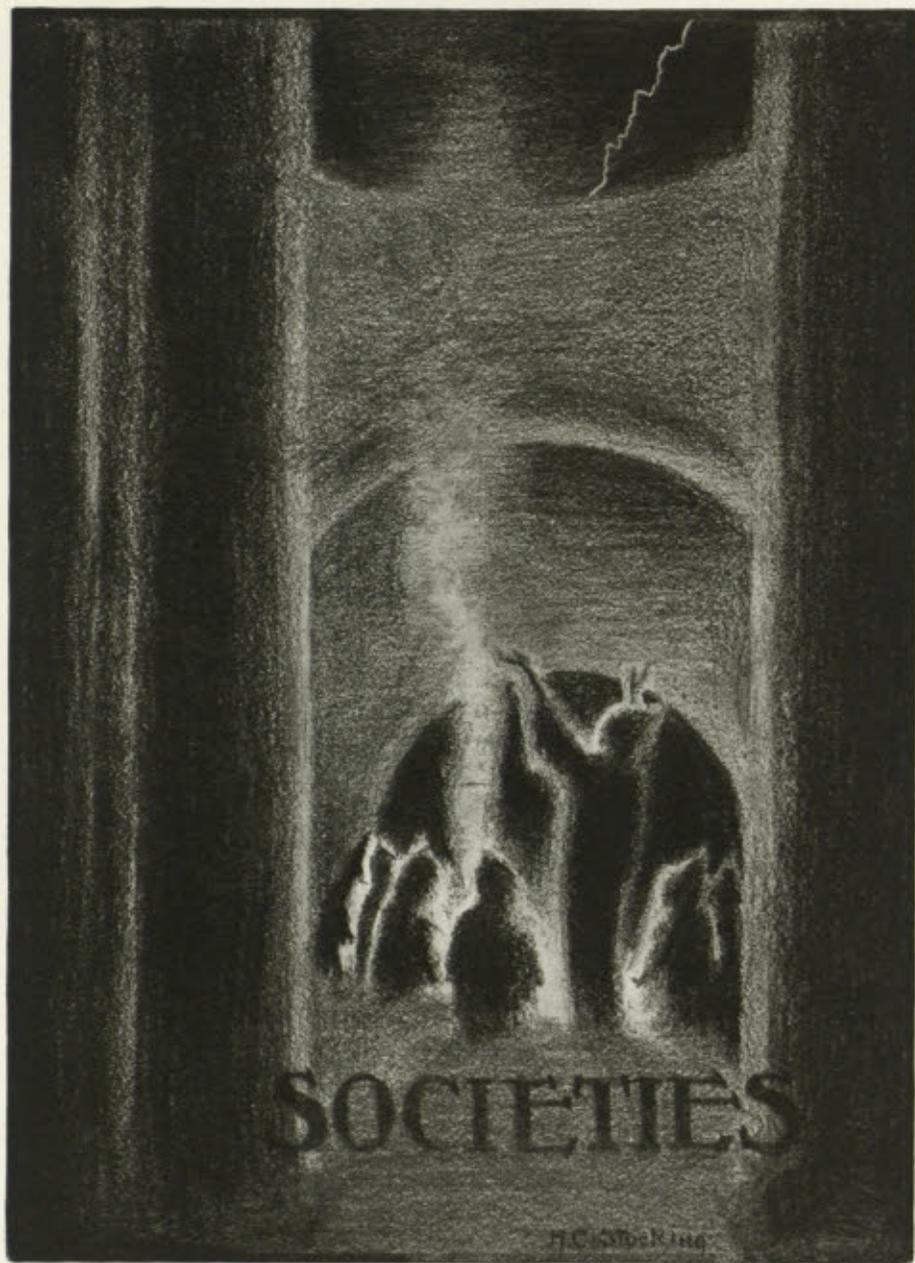


<i>Kappa Xi Alpha</i> . . .	Harold Charles Edgerton . . .	Worcester Polytechnic Institute
	George Louis Roy	Worcester Polytechnic Institute
<i>Phi Delta Theta</i> . . .	Francis Henry Boynton . . .	University of Texas
	Wesley Marshall Giles	Pennsylvania State University
	John Byron Ingle	University of California
	Merrill Edward Pratt	University of Alabama
<i>Phi Gamma Delta</i> . . .	Allen Abrams	Washington and Jefferson College
	Thomas Calvin Atchinson . . .	Williams College
	Freeman Clarkson	Williams College
	Talbot Flanders	Williams College
<i>Phi Kappa Delta</i> . . .	Stanton Leroy Burgess	Norwich University
<i>Phi Kappa Psi</i>	Walter Franklin Pond	Amherst College
	George W. Simons	Beloit College
<i>Sigma Chi</i>	William Scott Hammond	Tulane University
<i>Sigma Nu</i>	Henry Mitchell Hunter	Stevens Institute of Technology
	Thomas Fry Milford	Missouri School of Mines
<i>Sigma Tau Alpha</i> . . .	Charles Frank Ayres	Tufts College
<i>Theta Delta Chi</i>	Alan Standish Dana	Tufts College
<i>Theta Phi</i>	William Henry Sandlas	Pennsylvania College
<i>Zeta Psi</i>	Dudley Furber Holden	Tufts College

FRATERNITY SUMMARY

Sigma Chi	29	Phi Sigma Kappa	28
Theta Xi	23	Theta Chi	24
Delta Psi	17	Phi Kappa Sigma	28
Chi Phi	31	Alpha Tau Omega	23
Delta Kappa Epsilon	24	Theta Delta Chi	24
Phi Beta Epsilon	30	Lambda Phi	18
Delta Upsilon	28	Lambda Chi Alpha	23
Sigma Alpha Epsilon	28	Beta Theta Pi	28
Delta Tau Delta	29	Kappa Sigma	27
Phi Gamma Delta	24	From other colleges	54
		Total	540





SOCIETIES

H.C. STODOLSKA

K₂S

ACTIVE MEMBERS

LESTER ELMER ARMSTRONG	NEWELL LATHROP FOSTER
MAURICE FRANKLAND BRANDT	NORRIS EATON KIMBALL
ELBRIDGE JOHNSON CASSELMAN	RAYMOND HAMILTON WALCOTT
LOUIS ALEXANDER WILSON	

ASSOCIATE MEMBERS

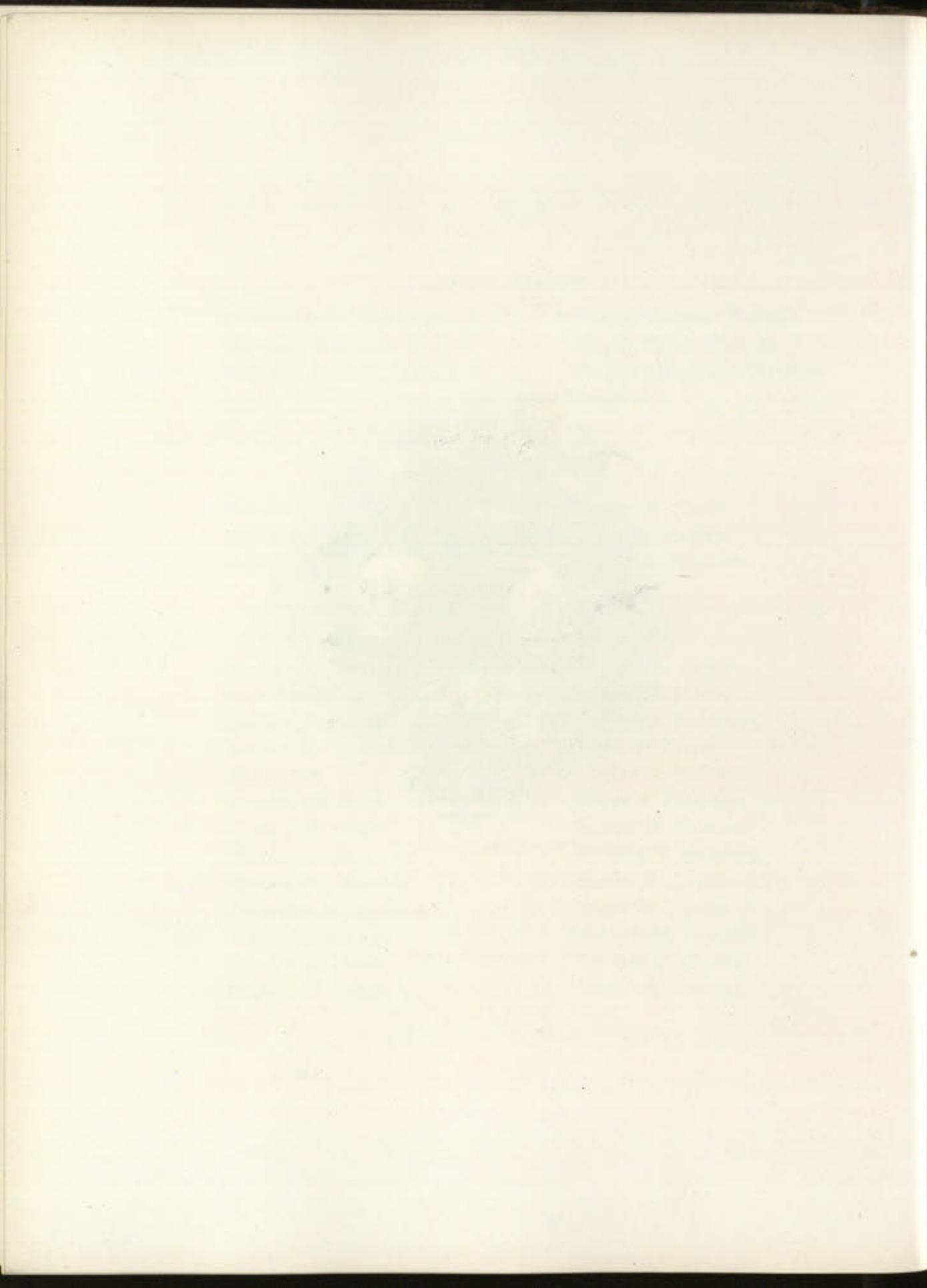
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BERTRAND H. HALE	MILES S. SHERRILL
JOHN F. NORTON	ROBERT S. WILLIAMS

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HEINRICH C. HOFMAN	HENRY P. TALBOT
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PI DELTA EPSILON

Gamma Chapter



ARLO BATES

ISAAC WHITE LITCHFIELD

ARCHER TYLER ROBINSON

HOWARD PAUL CLAUSSEN

FRANCIS CHANDLER FOOTE

EDWARD FOSTER HEWINS

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WILLIAM TOBIAS KNIESZNER

RALPH MILLIS

GUERNSEY AARON PALMER

HOMER ROGERS

ALDEN HARRY WAITT

EASTMAN ATKINS WEAVER

GEORGE WHITCOMBE WYMAN

THETA TAU

A National Engineering Society

FOUNDED 1904

CHAPTER ROLL

Alpha	University of Minnesota	Minneapolis, Minn.
Beta	Michigan School of Mines	Houghton, Mich.
Gamma	Colorado School of Mines	Golden, Col.
Delta	Case School of Applied Science	Cleveland, Ohio.
Epsilon	University of California	Berkeley, Cal.
Zeta	University of Kansas	Lawrence, Kan.
Eta	Massachusetts Institute of Technology	Boston, Mass.
Theta	Columbia University	New York, N.Y.

Eta Chapter

Established 1912

Fratres

1915

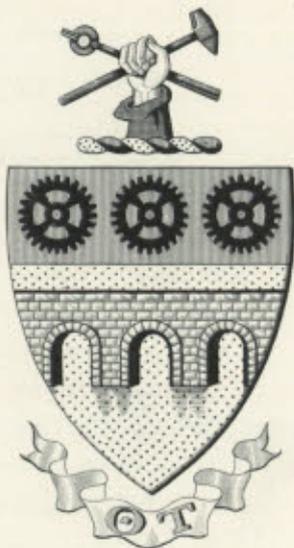
WALTER MURRAY AFRICA	FREDERICK LEWIS HURLBUTT
ALFRED EDWARD BANNISTER	HENRY LORENT LEEB
ORTON PLATT CAMP	ARCHIBALD STONE MORRISON
DONALD DEFREMERY	WALLACE SENTENY THOMAS
RALPH LESLIE FLETCHER	ALBERT ULMAN WALTER
THOMAS HENRI HUFF	ALDEN DODGE WHEELER

HAROLD WORTHINGTON

1916

EDWARD HEARSEY BARRY	GEORGE DAVIS KITTRIDGE
KEMERTON DEAN	LEVERING LAWRASON
ROBERT RAMSEY HARPER	THOMAS WOLCOTT LITTLE
JOHN HEPINSTALL	CHARLES ROGERS LORD
FREDERICK CABOT HOLBROOK	ERNEST EDWARD POLLEY

ARTHUR FERGUSON SHUEY



UNIVERSITY OF
NORTH CAROLINA



VECTORS

THE purpose of this Society shall be to bring together more intimately those men whose interests are not limited to the technical aspects of Electrical Engineering and to develop these interests.

President

ROBERT WELLES

Secretary-Treasurer

HAROLD WORTHINGTON

JOHN THOMAS BAUER
EVERETT SHARPLES COLDWELL
ALFRED VICTOR COLEMAN
THOMAS AMORY DEBLOIS FESSENDEN
DAVID MULVANE HUGHES
CLIVE WOODBURY LACY
HENRY LORENT LEEB
CHARLES BOOTH MALONE
HENRY LEONARD MARION
EVERETT EUGENE PLACE
ROBERT WELLES
ALLISON RIDLEY WILLIAMS
HAROLD WORTHINGTON

OSIRIS



HENRY SMITH PRITCHETT
ALFRED EDGAR BURTON
JAMES PHINNEY MONROE
ISAAC WHITE LITCHFIELD
ARTHUR AMOS NOYES
FRANCIS RUSSELL HART
RICHARD COCKBURN MACLAURIN
DAVIS RICH DEWEY
GEORGE WIGGLESWORTH
EVERETT MORSS
HOWARD LINCOLN COBURN
ALBERT FARWELL BEMIS

HAROLD RYDER CROWELL
MARSHAL BERTRAND DALTON
RALPH LESLIE FLETCHER
OSBORN RICKER FREEMAN
THOMAS HENRI HUFF
DAVID MULVANE HUGHES
KENNETH THEODORE KING

HENRY LORENT LEEB
CHARLES ROGERS LORD
HENRY PALMER SABIN
FRANCIS PAUL SCULLY
THEODORE FRANKLIN SPEAR
WALLACE SENTENY THOMAS
GEORGE URQUHART

EASTMAN ATKINS WEAVER

THE BEAVER

1915

ROBERT McCLANAHAN ALLEN
HAROLD RYDER CROWELL
RALPH LESLIE FLETCHER
EDWIN BURPEE GOODELL, Jr.
GABE BOUCK HILTON
CHARLES ROGERS LORD

ARCHIBALD STONE MORRISON
WALLACE SENTENY THOMAS
GEORGE URQUHART
RALPH DOUGLAS WATERMAN
EDMUND ALDEN WHITING
ARTHUR WARREN MUDGE, Jr.

1916

JOHN NICHOLAS BURFORD
KEMERTON DEAN
LAWRENCE HASSEL DELABARRE
HOVEY THOMAS FREEMAN
LEVERING LAWRASON
CHARLES SALISBURY MAKEPEACE
JAMES NICHOLAS WINN McCLURE

KNIGHT BARRY OWEN
HENRY BRADBURY SHEPARD
ALLSTON EVERETT STORM
HOWARD PAUL CLAUSSEN
JOHN FANZ STAUB
JOHN RIPLEY FREEMAN, Jr.
GEORGE LINCOLN SKOLFIELD

1917

DONALD GREENE TARPLEY
HARRISON PRESCOTT EDDY, Jr.
ATWOOD PACKARD DUNHAM
RICHARD THOMPSON WHITNEY
DUDLEY EDWARDS BELL
CHARLES FRANCIS SIMPSON
WALTER CROMWELL WOOD

AUGUSTUS PAGE FARNSWORTH
PHILIP LINSOTT HUNT
LEROY AMOS SWAN
WALTER ALBERT WOOD
WALTER HARRINGTON
STANLEY COVERT DUNNING
HARTLEY BURTON GARDNER

PHILIP NAHM CRISTAL

MASQUE

EUGENE B. SANGER

DAVID CARB

KENNETH CALEB ROBINSON

EDGAR IRVING WILLIAMS

EVERETT SHARPLES COLDWELL

CARUTHERS ASKEW COLEMAN

JOSEPH PAUL GARDNER

ADELBERT DELANO HILLER

DAVID MULVANE HUGHES

KENNETH THEODORE KING

CHARLES ROGERS LORD

EUGENE WILLETT VAN COURT LUCAS

IRVING BARRY McDANIEL

ARTHUR TAPLEY MUNYAN

ROSWELL MILLER RENNIE

GALE COLBURN SHEDD

FREDERIC HASTINGS SMYTH

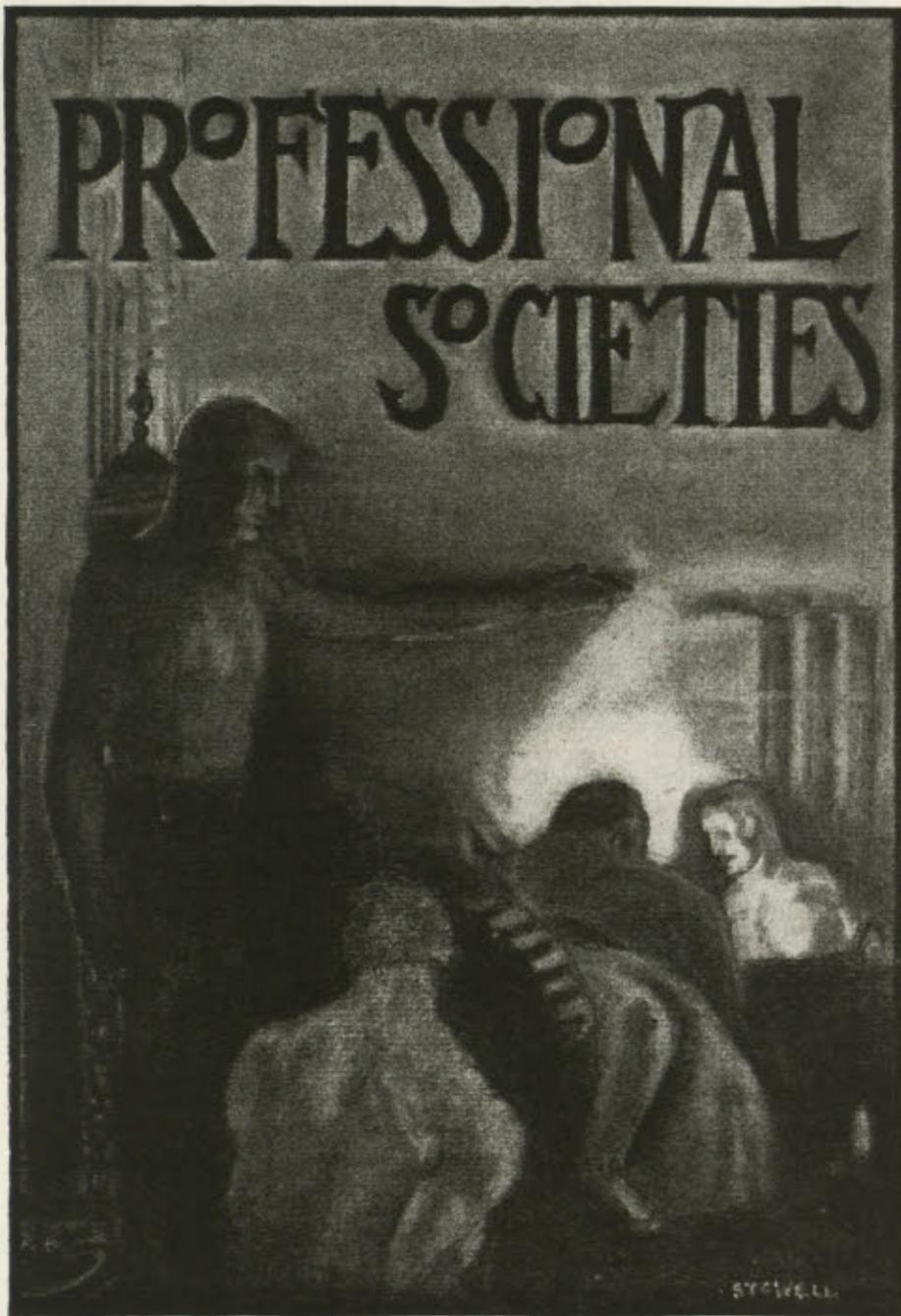
JOHN FRANZ STAUB

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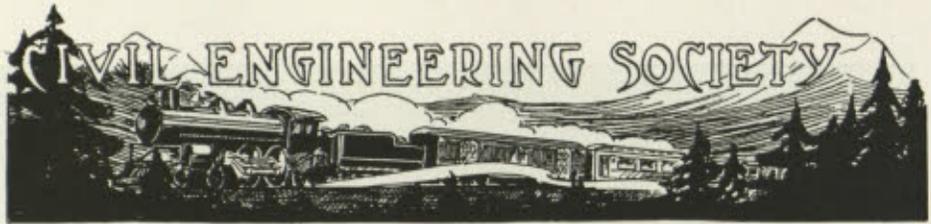
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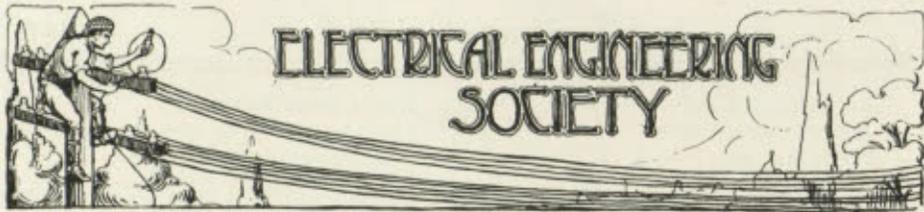
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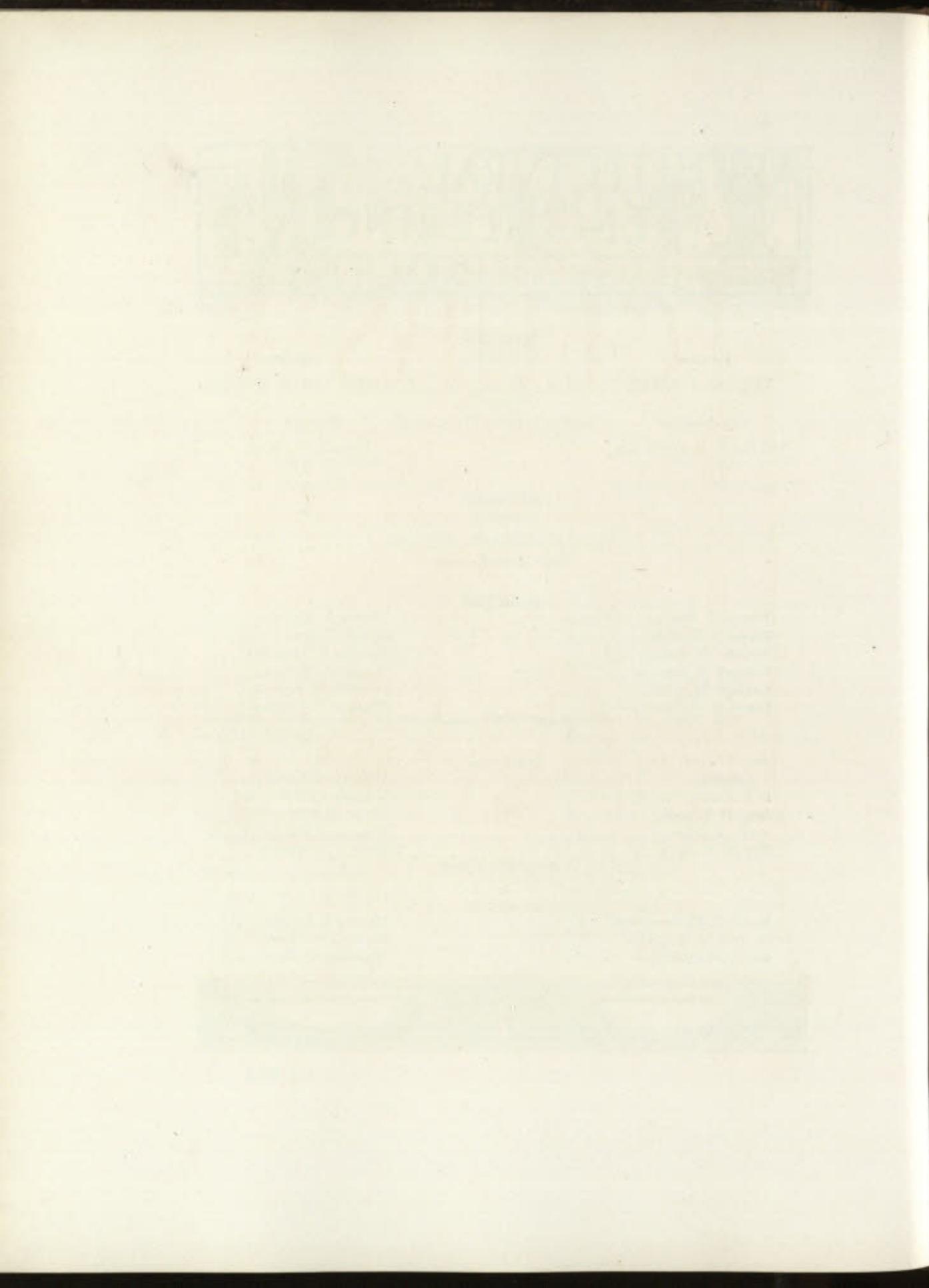
CHARLES P. WALLIS

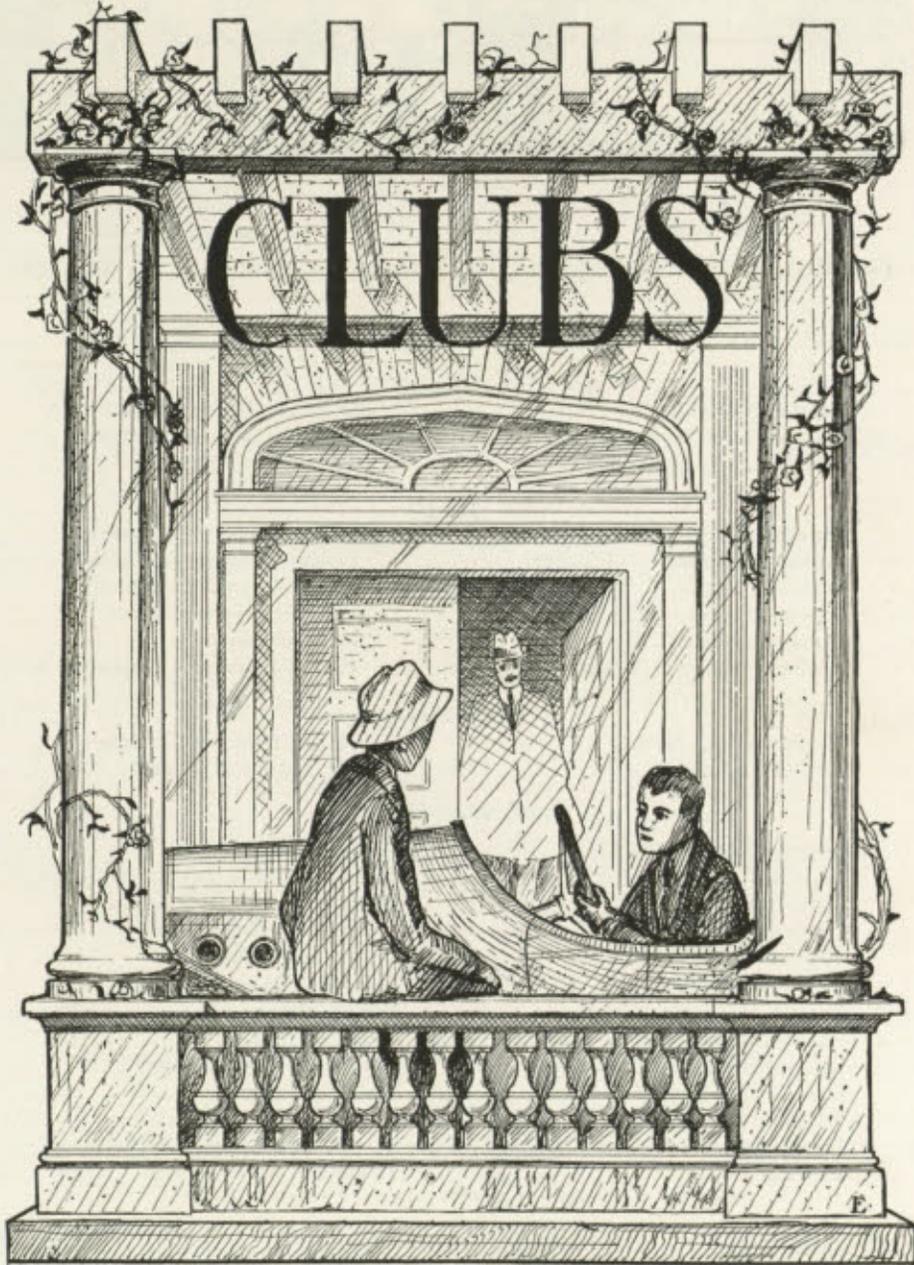
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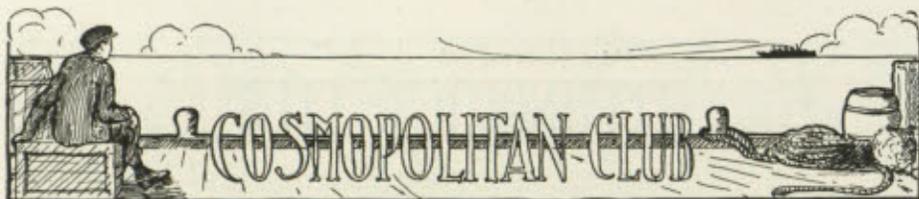
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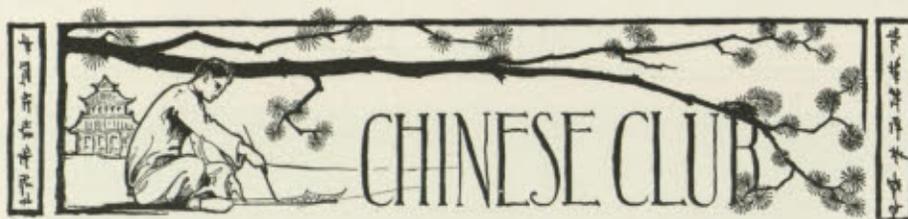
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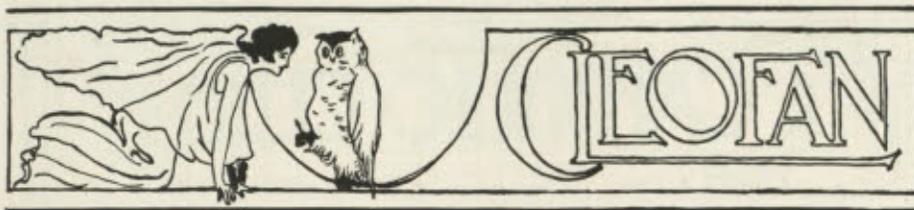
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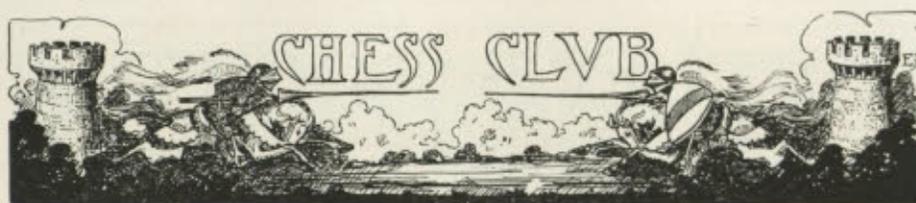
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Tech 6½—Harvard 1½

Tech 3—Harvard 5

Tech 1—Boston Chess Club 7
Tech 3—Bay State Club 3

Winner of Spring Tournament

CARLTON M. DEAN, 1917





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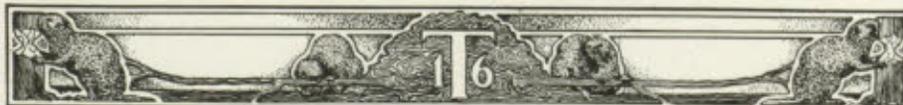
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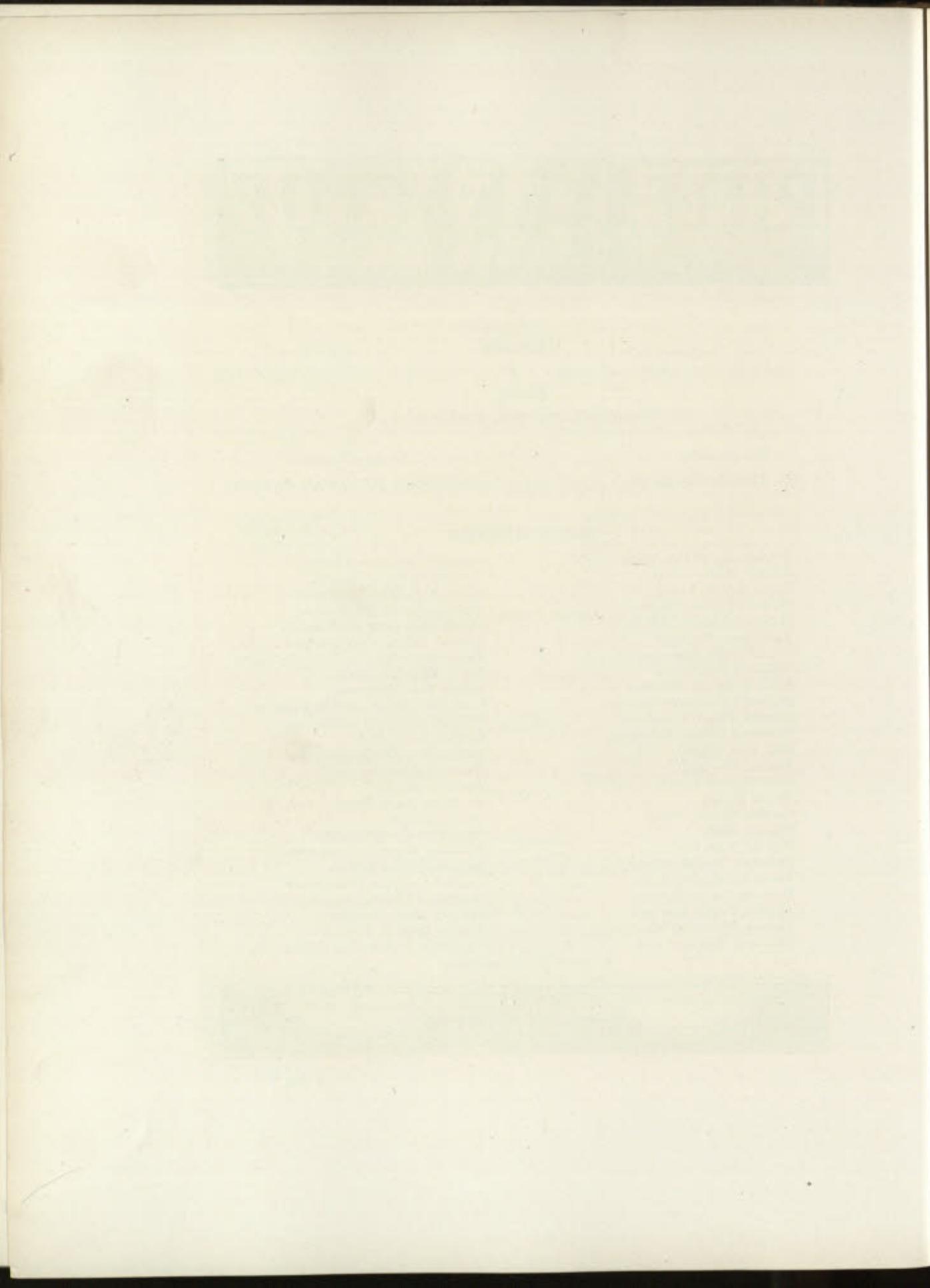
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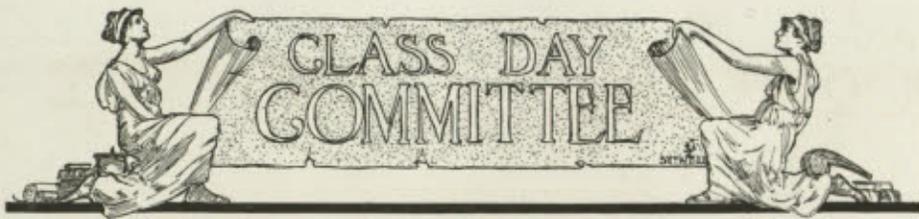


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Albert Hovey Anderson, Lawrence, Mass.

Born June 21, 1893.

Prepared at Lawrence High School.

Member Civil Engineering Society.

Thesis: Relocation and Design of a Highway Bridge on Union Street, Lawrence, Mass.

Sarkis Manoog Bagdoyan, Aintab, Turkey.

Born February 4, 1889.

Prepared at Atenagan High School, Central Turkey College, Bridgewater State Normal School, Harvard College.

Member Civil Engineering Society; Rifle Club.

Thesis: A Study of Concrete Roads with Respect to their Development and Adaptability to Various Kinds of Traffic.

Joseph Woodward Barnwell, Jr., B.S., Charleston, S.C.

A T Ω.

Born August 8, 1892.

Prepared at Charleston University School, Gauds School, Clemson Agricultural and Mechanical College.

Thesis: A Design for a Vertical-Frame Lock Gate.

Edgar Dorus Bascom, Gill, Mass.

Born August 24, 1892.

Prepared at Greenfield High School.

Member Civil Engineering Society.

Thesis: Drainage of Hockamock Swamp.

(With R. L. Hayward.)

Alejandro Bibolini, A.B., Asuncion, Paraguay.

Born February 28, 1890.

Prepared at Colegio National of Paraguay.

Member Civil Engineering Society; Cosmopolitan Club; Rifle Club.

Thesis: Sewerage Design for the Town of Weymouth, Mass.

(With J. Cohen.)

Fritz Charles Blomquist, Lynn, Mass.

Born October 26, 1890.

Prepared at Salem High School.

Thesis: A Comparison of Various Types of Reinforced Concrete Flat Slab Floors.

Arthur Hazard Bond, B.S., Springfield, Mass. X Φ.

Born September 13, 1891.

Prepared at Springfield Central High School, Amherst College.

Member Civil Engineering Society, Executive Committee (4); Walker Club; Swimming Team (4).

Thesis: A Project for the Revision of the N. Y., N. H. & H. R.R. Freight Yard at Plymouth, Mass.

Lloyd Hamilton Chellman, Roslindale, Mass. B Θ Π.

Born February 1, 1893.

Prepared at Mechanic Arts High School.

Member Civil Engineering Society; The Tech News Staff (1).

Thesis: Measurement of Velocity of Water by Method of Moving Diaphragms.

(With Paul Connor.)

Alfred Henry Clarke, A.B., Portland, Ore. B Θ Π.

Born September 7, 1888.

Prepared at Allen Preparatory School, Amherst College.

Member Civil Engineering Society.

Thesis: An Experimental Investigation of Zinc Chloride as a Preservative Treatment for Timber.



Jacob Cohen, Jersey City, N.J.

Born November 10, 1891.

Prepared at Bayonne High School.

Member Civil Engineering Society.

Thesis: Sewerage Design for the Town of Weymouth, Mass.

(With A. Bibolini.)

Harvey William Daniels, Whitman, Mass.

Born August 8, 1893.

Prepared at Whitman High School.

Member Civil Engineering Society.

Viking Enebuske, Brookline, Mass. Σ X.

Born September 25, 1891.

Prepared at Newburyport High School.

Member Civil Engineering Society; Cercle Français; Class Relay Team (1).

Thesis: Design of a Sewage System for the Town of Whitman, Mass.

(With W. Jennings.)

Paul Connor, Dorchester, Mass. Φ K Σ.

Member Civil Engineering Society.

Thesis: Measurement of the Velocity of Water by Method of Moving Diaphragms.

(With L. H. Chellman.)

Frederick Augustus William Davis, Pelham, N.Y. Δ T.

Born August 14, 1893.

Prepared at Cutler School.

Member Civil Engineering Society; Officers Club, Vice-President (4); M. I. T. Cadet Corps, Lieutenant (2), Captain (3), Major (4).

Thesis: Study of Recent Development of Passenger Terminal Design.

Samuel Mickle Fox, Jr., Torresdale, Pa.

Born January 26, 1893.

Prepared at DeLancey School.

Member Civil Engineering Society; Cosmopolitan Club; Walker Club.

Thesis: An Experimental Investigation of the Effect of Bridge Piers in Rivers upon Backwater.

(With F. C. Foote.)

Marshall Bertrand Dalton, Portland, Me. Φ Γ Δ.

Born January 7, 1893.

Prepared at Portland High School.

Member Osiris; Class President (4), Treasurer (2); Junior Prom Committee; Technique Electoral Committee; Glee Club (2), Manager (3); Tech Show (1); Tug-of-War (1).

Thesis: Experimental Determination of a Weir Coefficient.

(With M. B. Pinkham.)

Henry Dowst, Jr., Manchester, N.H.

Born January 11, 1890.

Prepared at Manchester High School.

Thesis: An Experimental Investigation of Constant Flow of Water Available from Neponset Reservoir, Foxboro, Mass.

(With J. Hyneman.)

John Sears Gallagher, A.B., Waco, Tex.

Born November 5, 1890.

Prepared at Waco High School, Baylor University.

Member Civil Engineering Society; Technology Club.

Thesis: Study of the Development of the Use of Steel in Freight Car Construction.



Nassime Solomon Klink, Lawrence, Mass.

Born January 24, 1884.

Prepared at College National, Syria.

Thesis: Spheroidal Gas Tank Holder.

Roy Loring Hayward, South Easton, Mass.

Born January 13, 1888.

Prepared at Dean Academy.

Member Civil Engineering Society.

Thesis: Project for the Drainage of Hockamock Swamp in Easton and West Bridgewater.

(With E. D. Bascom.)

Richard Evans Hefler, Dennis, Mass.

Born March 25, 1893.

Prepared at Barnstable High School.

Member Civil Engineering Society; Tug-of-War Team (1, 2).

Seward Highley, Medford, Mass.

Born November 28, 1892.

Prepared at Medford High School.

Member Civil Engineering Society; Technology Club.

Thesis: The Holding Power of Rivets in Tension.

(With C. L. Hall.)

John Hyneman, Jamaica Plain, Mass.

Born May 25, 1892.

Prepared at Mechanic Arts High School.

Member The Tech Staff (1).

Thesis: A Determination of the Constant Flow of Water Available for Power at the Neponset Reservoir, Foxboro, Mass.

(With H. Dowst, Jr.)

William Jennings, Salt Lake City, Utah. Σ X.

Born November 6, 1892.

Prepared at Salt Lake High School.

Thesis: Design of Sewage System for the Town of Whitman, Mass.

(With V. Enebuske.)

Howard Langdon King, A.B., A.M., New York City.

Born April 9, 1889.

Prepared at Townsend Harris Hall, College of the City of New York, Columbia University.

Thesis: Chemical Methods of Measuring the Discharge of Streams.

(With R. O. Bailey.)

Charles Loring Hall, Dorchester, Mass. Φ K Σ.

Born August 17, 1893.

Prepared at Mechanic Arts High School.

Member Civil Engineering Society, Assistant Treasurer (3), Treasurer (4); Class Football (1); Tug-of-War (2); Class Track Team (1); Class Day Committee (4).

Thesis: The Holding Power of Rivets in Tension.

(With Seward Highley.)

Joseph Mason Livermore, Boston, Mass. Φ B E.

Born December 14, 1892.

Prepared at English High School.

Member Civil Engineering Society; Rifle Club; Tug-of-War Team (1, 2); Tech Show (2); Technique Electoral Committee; Assistant Business Manager Technique; Senior Portfolio Committee; Class Day Committee (4).

Thesis: Design of a Water Supply System for the Town of Lunenburg, Mass.

(With Nelson Stone.)



Carleton Woodward Lovell,
North Cambridge, Mass.
Φ K Σ.

Born November 23, 1892.

Prepared at Rindge Manual
Training School.

Member Civil Engineering
Society; Hare and Hounds
Club; Class Track Team (1,
2); Cross Country Team (1,
2).

Charles Lester Morse, Lan-
caster, N.H.
Born June 2, 1893.
Prepared at Lancaster Acad-
emy.

Member Civil Engineering
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Captain (2), Baseball Team
(1, 2); Varsity Basket-ball
Team (1, 4), Captain (4);
Athletic Association (3, 4),
Secretary-Treasurer (3); Class
Day Committee (4).

Thesis: Investigation of
High and Low Pressure of a
Water Supply System in Win-
chester, Mass.

(With G. T. Rooney.)

Henry Niemann, West New-
ton, Mass.

Born September 8, 1892.

Prepared at Newton High
School.

Member Civil Engineering
Society.

Thesis: An Experimental
Investigation of the Water-
proofing of Concrete by the
Integral Process.

(With G. Maconi.)

Gaetano Maconi, Newton
Centre, Mass.

Born May 4, 1892.

Prepared at Newton High
School.

Member Civil Engineering
Society.

Thesis: An Experimental In-
vestigation of the Waterproof-
ing of Concrete by the Integral
Process.

(With H. Niemann.)

Percival Judson Munn, Low-
ell, Mass.

Born March 19, 1892.

Prepared at Lowell High
School.

Member Civil Engineering
Society; Musical Clubs (1, 2);
The Tech, Exchange Editor
(1, 2).

Thesis: Design of Rein-
forced Concrete Arch to Re-
place Present Pawtucket
Bridge, Lowell, Mass.

Harold Bailey Pickering, Wil-
mington, Del.

Born October 29, 1893.

Prepared at Wilmington
Technical High School.

Member Civil Engineering
Society; Assistant Photog-
rapher Technique.

Thesis: Investigation of
Sand Cement.

Ralph Read Malcolm, Stough-
ton, Mass.

Born July 14, 1892.

Prepared at Chauncy Hall
School.

Member Civil Engineering
Society.

Thesis: Steel Truss Bridge
over Charles River at Auburn-
dale.

(With H. J. Murphy.)

Harry Joseph Murphy, Wol-
laston, Mass.

Born July 27, 1893.

Prepared at Quincy High
School.

Member Civil Engineering
Society; Catholic Club.

Thesis: Steel Truss Bridge
over Charles River at Auburn-
dale.

(With R. R. Malcolm.)

Waldo Francis Pike, Cam-
bridge, Mass. B Θ Π.

Born July 9, 1893.

Prepared at Rindge Manual
Training School.

Member Civil Engineering
Society; Class Baseball Team
(2); Class Day Committee
(4).

Thesis: Photographic Sur-
vey of Gardner's Lake, East
Machias, Me.

(With Jesse Potter.)



Millard Bartlett Pinkham,
Roxbury, Mass.

Born July 12, 1893.

Prepared at Deering High School.

Member Civil Engineering Society; Tug-of-War Team (1, 2); Senior Portfolio Committee.

Thesis: An Experimental Determination of a Weir Coefficient.

(With M. B. Dalton.)

George Thomas Rooney, Norwood, Mass.

Born January 3, 1891.

Prepared at Lynn Classical High School

Member Civil Engineering Society; Catholic Club.

Thesis: Investigation of Water Supply at Winchester, Mass.

(With L. C. Morse.)

William Henry Smith, Dedham, Mass.

Born February 9, 1895.

Prepared at Dedham High School.

Member Civil Engineering Society.

Thesis: Design and Economic Comparison of a Reinforced Concrete Arch Bridge and a Plate Girder Bridge for Spring Street, West Roxbury, Mass.

(With E. R. Stearns.)

Jesse Potter, Concord, Mass.
Born January 4, 1890.

Prepared at Concord High School.

Thesis: Photographic Survey of Gardner's Lake, East Machias, Me.

(With W. F. Pike.)

Frank Paul Scully, Cambridge, Mass. B O II.

Born March 7, 1894.

Prepared at Rindge Technical High School, St. John's Preparatory School.

Member Osiris; Cosmopolitan Club; Civil Engineering Society; Institute Committee (4); Chairman Finance and Budget Committee (4); Show Music (3, 4); Executive Committee of Institute Committee (3, 4); Class President (3), Vice-President (2); Chairman Junior Prom Committee (3); Vice-President Institute Committee (3); Class Football (1, 2), Captain (2); Class Basketball (1, 2), Manager (1, 2); Class Baseball (1); M. I. T. A. A. (1); Class Day Committee (4); First Marshal.

Thesis: Investigation of the Strength of Cinder Concrete.

(With H. C. Sheils.)

Edward Hopkinson Stelle, Brooklyn, N.Y.

Born March 31, 1892.

Prepared at Adelphi Academy.

Member Civil Engineering Society.

Thesis: A Study of Column Formulæ, including an Investigation of Center and Eccentric Loads on I-beam Columns.

(With L. H. Young.)

Louis Francis Quirk, East Boston, Mass.

Born August 7, 1892.

Prepared at Mechanic Arts High School.

Member Civil Engineering Society; Catholic Club, Executive Committee (4); Class Football Team (2), Basketball Team (2); Technique Electoral Committee.

Henry Connor Sheils, Roxbury, Mass.

Born May 18, 1894.

Prepared at Mechanic Arts High School.

Member Civil Engineering Society; Catholic Club.

Thesis: Investigation of the Strength of Cinder Concrete.

(With F. P. Scully.)

Edmund Rand Stearns, Derry, N.H.

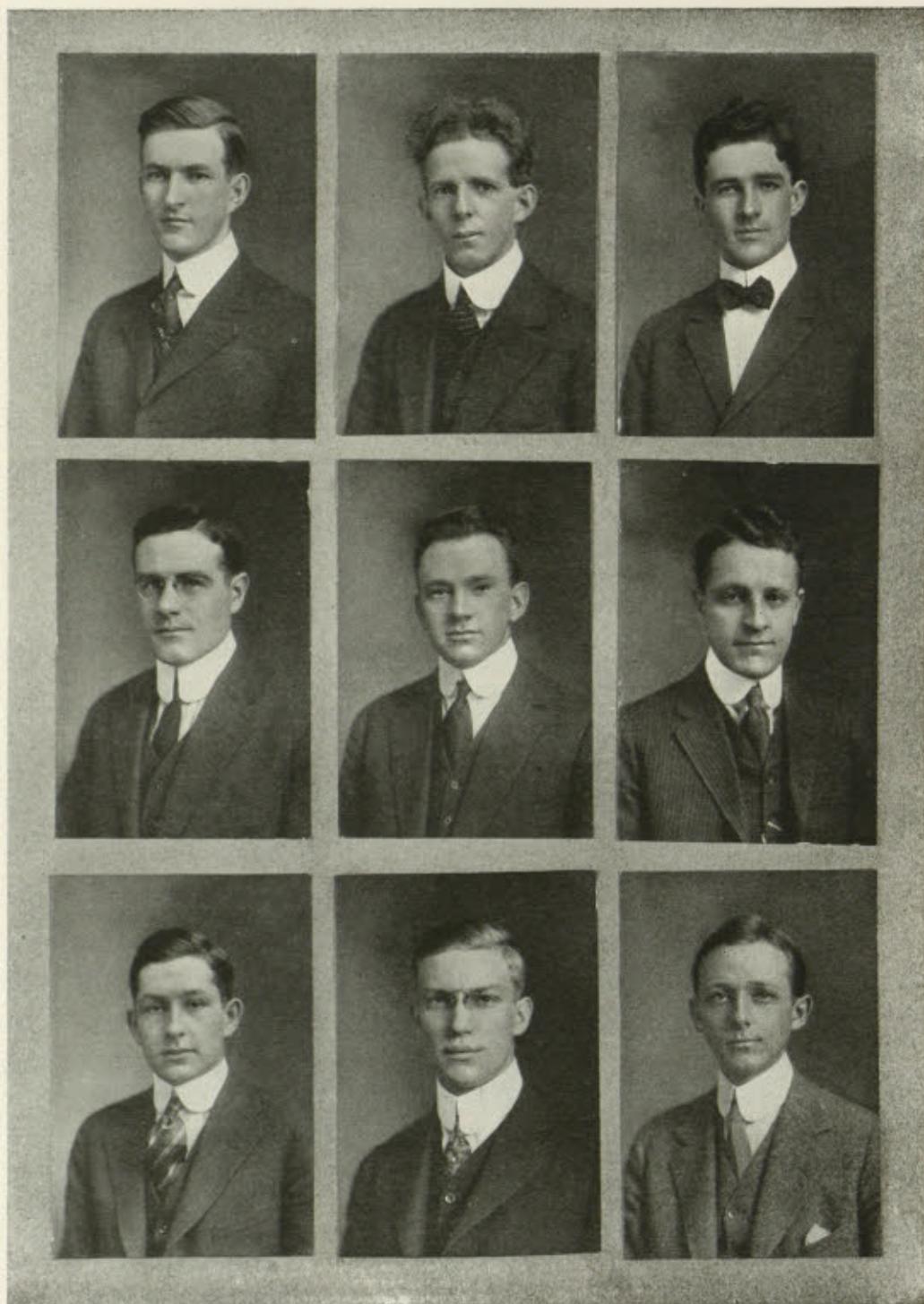
Born March 28, 1893.

Prepared at Pinkerton Academy.

Member Civil Engineering Society; Technology Club.

Thesis: Design and Economic Comparison of a Reinforced Concrete Arch Bridge and a Plate Girder Bridge for Spring Street, West Roxbury, Mass.

(With W. H. Smith.)



Nelson Stone, B.S., Wareham, Mass. K Θ.

Born September 9, 1891.

Prepared at Wareham High School, Amherst College.

Thesis: Design of a Water Supply System for the Town of Lunenburg, Mass.

(With J. M. Livermore.)

Charles Johnson Ward, B.S., Newark, Ohio.

Born December 28, 1888.

Prepared at Denison University.

Member Civil Engineering Society.

Thesis: Study of Hydro-Electric Project on Swift River, N.H.

(With C. F. Wolfe.)

Charles Wyatt Williams, Corning, N.Y. Θ Δ X.

Born April 21, 1893.

Prepared at Corning Free Academy, Amherst College.

Member Civil Engineering Society.

Thesis: An Investigation of the Water Supply System of Whitman, Mass., with reference to Fire Protection.

(With G. H. Warfield.)

Howard Cushing Thomas, Wellesley Hills, Mass.

Born October 5, 1893.

Prepared at Wellesley High School.

Member Civil Engineering Society, President (4); Class Baseball Team (1, 2), Manager (2); Class Day Committee (4).

Thesis: Project for the Extension of Chestnut Street and Footbridge across Tracks of Boston and Albany Railroad at Wellesley Hills, Mass.

George Harold Warfield, Woonsocket, R.I. Θ X.

Born September 16, 1892.

Prepared at Woonsocket High School.

Member Civil Engineering Society.

Thesis: An Investigation of the Water Supply of the Town of Whitman, Mass., with regard to Fire Protection.

(With C. W. Williams.)

Christian Frederick Wolfe, Brooklyn, N.Y.

Born November 21, 1893.

Prepared at Brooklyn Manual Training High School.

Thesis: Study of Hydro-Electric Project on Swift River, N.H.

(With C. J. Ward.)

Gerard Roland Walsh, Takoma, Wash.

Born December 4, 1891.

Prepared at St. Paul Central High School, University of Washington.

Member Civil Engineering Society.

Thesis: A Study of the Diseases of Timber with a Collection of Samples of Timber affected by Dry Rot.

Jackson Baldwin Wells, Waco, Tex. K A.

Born August 16, 1891.

Prepared at Baylor Preparatory School, University of Texas.

Member Civil Engineering Society; Southern Club; Technology Club.

Thesis: Design of a Telpherage System for the Summer Camp at East Machias, Me.

Carl Wilbur Wood, Malden, Mass. A T Ω.

Born July 13, 1893.

Prepared at Malden High School.

Member Civil Engineering Society; Institute Committee (3), Secretary-Treasurer (3), Class Executive Committee (3), Dinner Committee (4); Senior Portfolio Committee (4); Class Day Committee (4).



COURSE II. MECHANICAL ENGINEERING

Walter Murray Africa, Manchester, N.H. Σ A E.

Born April 22, 1892.

Member Theta Tau; Technique Electoral Committee; Statistician of Technique; Class Day Committee (4).

Thesis: The Moisture and Heat given up per Person per Hour.

(With R. L. Fletcher.)

Herbert Walfred Anderson, Mattapan, Mass.

Born December 13, 1892.

Prepared at Mechanic Arts High School.

Member Mechanical Engineering Society; Tech Show (1); The Tech, Exchange Editor (3).

Thesis: Tests on Hydraulic Relief Valves.

(With R. B. Cady.)

Alfred Edward Bannister, Duluth, Minn. K A.

Born April 16, 1890.

Prepared at Hill School, Cornell University.

Member Theta Tau.

Thesis: Design of a Vacuum Carburetor.

Harold Reuben Bassett, Minneapolis, Minn. Φ K Σ.

Prepared at Hotchkiss School.

Member Mechanical Engineering Society; T. C. A.; Mandolin Club (1, 2, 3); Tech Show (3).

Thesis: Properties of Steel at High Temperatures.

(With L. W. Prescott.)

Kshitish Chandra Basu, M.A., Honrah, India.

Born September 26, 1888.

Prepared at Honrah Zola School.

Thesis: Force Fits.

Henry Julius Berg, San Francisco, Cal.

Born September 23, 1892.

Prepared at California School of Mechanical Arts, University of California.

Member Mechanical Engineering Society.

Thesis: Investigations on Eucalyptus Wood.

Samuel Berkowitz, Boston, Mass. II Σ A.

Born April 3, 1894.

Prepared at Mechanic Arts High School.

Member of Mechanical Engineering Society; News Staff The Tech (1), News Board (2), Assignment Editor (2), Publicity Manager (2).

Thesis: Heat Treatment of Cast Iron.

Rush Boyd Cady, Syracuse, N.Y. Σ X.

Born August 20, 1891.

Prepared at Rugby, Syracuse University.

Thesis: Tests on Hydraulic Relief Valves.

(With H. W. Anderson.)

Orton Platt Camp, A.B., Waterbury, Conn. Z Ψ.

Born May 6, 1890.

Prepared at Taft School, Yale College.

Member Theta Tau; Masque; Tech Show (2).

Thesis: Effects of Overstrain on Physical Properties of Steel.

(With A. U. Walter.)



James Brittain Carson, B.Sc.,
Halifax, N.S. K Σ.

Born July 27, 1892.

Prepared at Dalhousie University.

Member Mechanical Engineering Society.

Thesis: The Development of a Perfect Caster.

Sidney E Clark, Fredonia,
N.Y. B Θ II.

Born October 31, 1890.

Prepared at Fredonia Normal High School.

Member Mechanical Engineering Society; Glee Club (1, 2, 3, 4); Tech Show Orchestra (1); Cosmopolitan Club.

Thesis: Effect of Freezing on Concrete.

(With E. P. Landru.)

Fred Lysle Cook, Portland,
Me. K Σ.

Prepared at Goodwill High School, Poughkeepsie High School.

Member Mechanical Engineering Society, Board of Directors (4); M. I. T. A. A. (3, 4); Hare and Hounds Club (3, 4), President (4); Cross-country Team (3, 4), Captain (4); Track Team (2, 3, 4), Captain (4); Class Day Committee (4).

Thesis: The Design of a Perfect Caster.

(With James Carson.)

Henry Francis Daley, Fall
River, Mass.

Born January 2, 1894.

Prepared at B. M. C. Durfee High School.

Member Mechanical Engineering Society; Catholic Club.

Thesis: Test on 200 H. P. Gas Producer and Engine.

(With C. T. Dunn.)

Marvin James Dodd, B.S.,
East Orange, N.J. Δ K E.

Born June 4, 1892.

Prepared at East Orange High School, Middlebury College.

Thesis: To find the Probable Saving by the Installation of a Turbo-generator in Place of Four Reciprocating Engines, at the Electric Station of the Lynn Gas and Electric Co.

(With A. S. Morrison.)

Carl Theodore Dunn, Dorchester,
Mass.

Born February 25, 1893.

Prepared at Mechanic Arts High School.

Member Mechanical Engineering Society; Rifle Club, Vice-President (3, 4); Rifle Team (2, 3, 4).

Thesis: Test on 200 H. P. Gas Producer and Engine.

(With H. F. Daley.)

Chauncey Hilton Durkee,
Haverhill, Mass.

Born October 24, 1892.

Prepared at Haverhill High School.

Member Mechanical Engineering Society; Union House Committee; T. C. A., President (4); Wrestling Team (3, 4).

Thesis: Economy Test on the Boiler Plant of The Norton Co.; Worcester, Mass.

(With H. I. Lewis.)

Karl Emil Engstrom, Lancaster,
Mass.

Born January 10, 1892.

Prepared at Clinton High School, Lowell Textile School.

Member Mechanical Engineering Society.

Harold Charles Edgerton, Mit-
tineague, Mass. K Σ.

Born April 5, 1892.

Prepared at West Springfield High School, Worcester Polytechnic Institute.

Thesis: Determination of Economical Vacuum of a 1,000 K. W. Turbo-Generator Unit at the Pacific Mills, Lawrence, Mass.

(With G. A. Palmer.)



Ralph Leslie Fletcher, Providence, R.I. $\Sigma A E$.

Born July 14, 1892.

Prepared at Andover.

Member Osiris; ONE; Round Table; Hammer and Tongs; Theta Tau; Beaver Club; Walker Club; Hockey Team (1, 2, 3, 4), Captain (4); Football (1, 2); Gym. Team (4); Class Secretary (2), Vice-President (3); Technique Electoral Committee; M. I. T. A. A. (4), Advisory Council (4); Class Day Committee (4); Second Marshal.

Thesis: Moisture and Heat given out per Person per Hour.

(With W. M. Africa.)

Jacob Ginsburg, Lawrence, Mass.

Born August 19, 1892.

Prepared at Lawrence High School.

Member Mechanical Engineering Society.

Thesis: An Investigation of Stresses in Diagonal Boiler Braces under Load.

(With J. F. Guthrie.)

Walter Richardson Hanchett, Lowell, Mass.

Born February 25, 1893.

Prepared at Lowell High School.

Member Mechanical Engineering Society; Tug-of-War (1, 2).

Thesis: Losses in a Boiler House.

(With C. G. Norton.)

Hamilton Schaffer Frazine, Buffalo, N.Y. $\Theta \Delta X$.

Born September 4, 1892.

Prepared at Lafayette High School, Hamilton College.

Thesis: Test on Cooling Device for Electric Motor.

(With C. W. Hale.)

John Foster Guthrie, Waltham, Mass.

Born March 5, 1892.

Prepared at Waltham High School.

Member Mechanical Engineering Society; Technology Club.

Thesis: An Investigation of Stresses in Diagonal Boiler Braces under Load.

(With Jacob Ginsburg.)

Otto William Hilbert, Holyoke, Mass.

Born November 15, 1893.

Prepared at Holyoke High School.

Member Mechanical Engineering Society; Union Committee (4).

Thesis: Design of Apparatus for Determining Vibrations of Small Internal Combustion Engines.

(With Julius Kuttner.)

Charles Slocum Gardiner, Cambridge, Mass.

Born January 19, 1892.

Prepared at Mechanic Arts High School.

Member Class Baseball Team.

Thesis: Methods of Construction employed on Dorchester Tunnel, Boston, Mass.

Alfred Edgar Burton Hall, Portland, Me.

Born November 13, 1892.

Prepared at Portland High School.

Member Mechanical Engineering Society; Cosmopolitan Club, Treasurer (4); Tech Show (1, 2); The Tech, Treasurer (3); Finance Committee (3, 4).

Thesis: Determination of Strength of Rawhide Gear Teeth.

(With D. O. Hooper.)

John Colburn Holmes, A.B., Franklin, N.H. $B \Theta H$.

Born 1891.

Prepared at Franklin High School, Dartmouth College.

Thesis: Radiator Tests.

(With A. D. Wheeler, Jr.)



Donald Oren Hooper, Woodfords, Me.

Born August 3, 1891.

Prepared at Deering High School.

Member Mandolin Club (2, 3); Tech Show (1).

Thesis: Determination of Strength of Rawhide Gear Teeth.

(With A. E. B. Hall.)

Thomas Henri Huff, Overbrook, Pa. Σ A E.

Born June 22, 1892.

Prepared at Episcopal Academy, University of Pennsylvania.

Member Mechanical Engineering Society; Osiris; Theta Tau; Round Table; Class Relay (2, 3), Captain (3); Varsity Track Team (1, 2, 3, 4); Tech Show Chorus (2); Athletic Association (4), President (4); Class Executive Committee (4); Class Day Committee (4).

Thesis: Investigation of the Inherent Stability of the Burgess-Dunne Biplane by Means of a Power-driven Model.

Vitold Adam Jasionowsky, Sebastopol, Russia.

Born December 12, 1892.

Prepared at Russian High School, New York City College.

Member Cosmopolitan Club.

John Homan, Swampscott, Mass. Θ X.

Born September 16, 1892.

Prepared at Swampscott High School.

Member Naval Architectural Society; T. C. A., Vice-President (3); Class Track Team (1), Football Team (1); Class Relay Team (2).

William Arnold Houser, A.B., Detroit, Mich. Φ B E.

Born December 9, 1890.

Prepared at University of Michigan.

Member Mechanical Engineering Society; The Tech News Board (3); Φ B K.

Thesis: Test on a Refrigerating Plant.

(With F. L. Hurlbutt.)

Frederick Lewis Hurlbutt, Buffalo, N.Y. K A.

Born March 21, 1890.

Prepared at Lafayette High School, Williams College.

Member Mechanical Engineering Society; Osiris; Class Relay Team (1, 2); Tennis Association, President (3); Vice-President Class of 1914 (2); Hockey Team (1, 2, 3), Manager (3).

Thesis: Test on a Refrigerating Plant.

(With W. A. Houser.)

Gordon Rogers Jameson, Wollaston, Mass.

Born May 21, 1892.

Prepared at Quincy High School.

Member Tech Show (1).

Thesis: Determination of the Gear Efficiency and an Investigation of Deflection in the Frame of an Arbor Press.

(With F. R. Jones.)

Fiske Reed Jones, Boston, Mass. B Θ II.

Born April 14, 1890.

Prepared at English High School, Berkley Preparatory School.

Member Glee Club (1, 2, 3).

Thesis: Study of Gear Efficiency and Frame Deflections of 16-ton Arbor Press.

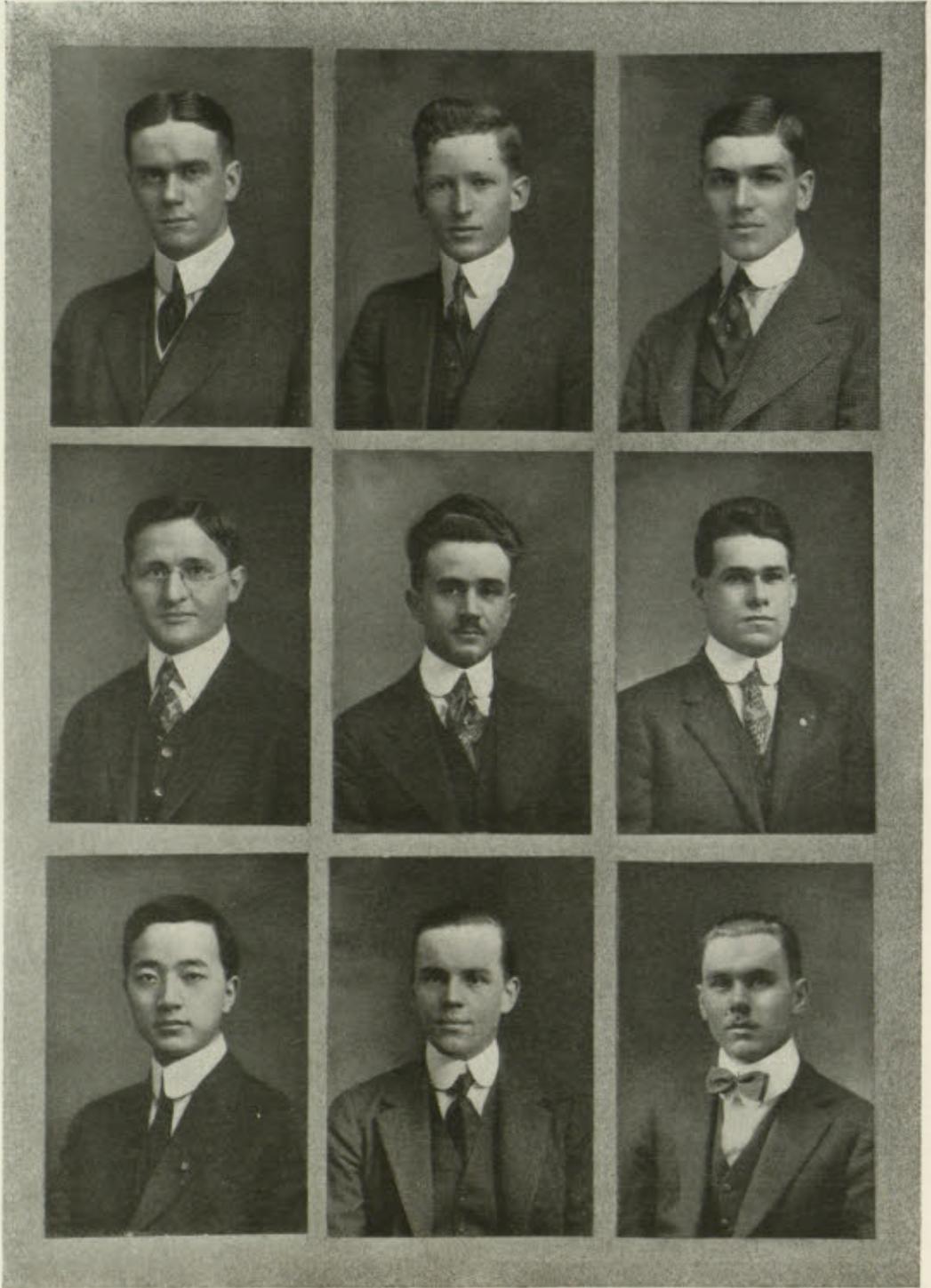
Ta Kang Kao, Shanghai, China. Born December, 1891.

Prepared at Tsing Hua College, Peking, China; University of Wisconsin.

Member Mechanical Engineering Society.

Thesis: Test of Gasoline Engine with Different Fuels.

(With G. T. Wooley, Jr.)



Parry Keller, Somerville, Mass.
Born July 31, 1891.

Prepared at Medford High School.

Member Mechanical Engineering Society; Officers Club; Tug-of-War (2); M. I. T. Cadet Corps, Captain (2), Major (3), Colonel (4).

Thesis: An Investigation of the Distribution of Steam in a Steam Laundry.

Julius Kuttner, New York City.

Born September 26, 1892.

Prepared at Lawrenceville School, Cornell, Harvard.

Member M. I. T. Forum.

Thesis: Design of Apparatus for Study of Vibration in Small Internal Combustion Engines.

(With O. W. Hilbert.)

Sing Dji Li, Hofei, Anhwei, China.

Born December 22, 1892.

Prepared at Second Anhwei Provincial Academy, College.

Member Mechanical Engineering Society; Chinese Students Club.

Thesis: An Investigation of the Strength of Bamboo under Cracked and Weathered Condition.

Norris Eaton Kimball, Haverhill, Mass. A X A.

Born March 19, 1893.

Prepared at Haverhill High School.

Member Mechanical Engineering Society; T. C. A.; K₂S; Union Committee.

Thesis: Efficiency of Friction Drive of Metz Automobile.

(With C. G. Norton.)

Emile Paul Landru, Paterson, N.J. Φ Σ Κ.

Born March 17, 1893.

Prepared at Paterson High School, Stevens Tech.

Thesis: Effect of Freezing on Concrete.

(With S. E. Clark.)

William Robert McEwen, Wellsville, N.Y. B Θ Π.

Born July 5, 1890.

Prepared at Exeter.

Member Cosmopolitan Club; Beaver Club; Hammer and Tongs; Mandolin Club (1); Tech Show (1, 2); Glee Club (4).

Thesis: Comparative Tests of Centrifugal Pump Impellers.

(With K. S. Johnson.)

Edward Joslin Kingsbury, Keene, N.H. Δ T.

Born July 2, 1893.

Prepared at Exeter.

Member Mechanical Engineering Society; Tennis Association; Mandolin Club (1, 2); Tech Show Chorus (2); Class Relay Team (1, 2).

Thesis: Design of an Automatic Chucking, Drilling, and Ferruling Machine.

(With K. W. Roy.)

Harry Irving Lewis, Salisbury, Mass.

Born July 26, 1892.

Prepared at Newburyport High School.

Member Mechanical Engineering Society; T. C. A.; Union House Committee (1, 2); Tech Show Orchestra (1, 3).

Thesis: Economy Test on Boiler Plant of The Norton Co., Worcester, Mass.

(With C. H. Durkee.)

Charles Walter Metz, Waltham, Mass.

Born March 5, 1893.

Prepared at Waltham High School.

Member Class Football Team (2).

Thesis: Laws Governing the Stability of a Candle-pin.



Archibald Stone Morrison,
Lynn, Mass. $\Phi \Gamma \Delta$.

Born October 12, 1892.

Prepared at Exeter.

Member Mechanical Engineering Society; Class Football (1), Manager (1); Class Executive Committee (1); Tech Show Chorus (1); Beaver Club; Theta Tau.

Thesis: To find the Probable Saving by the Installation of a Turbo-generator in Place of Four Reciprocating Engines, at the Electric Station of the Lynn Gas and Electric Co.

(With M. J. Dodd.)

Charles Granderson Norton,
Vineyard Haven, Mass.
A X A.

Born June 30, 1892.

Prepared at New Bedford High School.

Member Glee Clubs (2, 3), Secretary Combined Musical Clubs (3); Tug-of-War (1); T. C. A., Vice-President (3), President (3); Class Vice-President (4); Class Day Committee (4).

Thesis: Efficiency of Friction Drive of Metz Automobile.

(With N. E. Kimball.)

Theodore Dillaway Parsons,
Lynn, Mass.

Born November 28, 1892.

Prepared at Lynn Classical High School.

Member Mechanical Engineering Society; Rifle Club, Secretary-Treasurer (3, 4), Team (1, 2, 3, 4); M. I. T. Cadet Corps, Color-Sergeant (1), Captain (2), Major (3), Lieutenant-Colonel (4).

Herman Edward Morse, East
Bridgewater, Mass.

Born November 16, 1893.

Prepared at East Bridgewater High School.

Member Mechanical Engineering Society, Secretary (4).

Thesis: Variation of Efficiency of Engine-Turbine Unit with Change of Vacuum.

(With P. H. Taylor.)

Charles Graham Paine, Dover,
Mass.

Born December 22, 1891.

Prepared at Chauncy Hall School.

Thesis: Efficiency and Capacity of Cooling Towers.

Oliver Gove Norton, Kearney,
Neb. ΣX .

Born December 30, 1893.

Prepared at Exeter.

Thesis: Investigation of Heat Losses in a Boiler Plant and Pipe Lines.

(With W. R. Hanchett.)

Guernsey Aaron Palmer,
Amenia, N.Y.

Born December 26, 1886.

Prepared at Amenia High School.

Member Mechanical Engineering Society, Treasurer (4); T. C. A.; $\Pi \Delta E$; Treasurer The Tech (3), Advisory Council (4); Class Day Committee (4).

Thesis: Determination of the Economical Vacuum of a 1000 K. W. Turbo-Generator Unit at the Pacific Mills, Lawrence, Mass.

(With H. C. Edgerton.)

Merrill Edward Pratt, B.S.,
Prattville, Ala.

Prepared at University of Alabama.

Lewis William Prescott, Ta-
koma Park, D.C. $\Phi \Sigma K$.

Born October 12, 1891.

Member Mechanical Engineering Society; Class Relay Team (1).

Thesis: Investigation of Steel at High Temperatures.

(With H. R. Bassett.)



Forrest Granville Purinton,
Beverly, Mass. Φ B E.

Born March 9, 1889.

Prepared at Lowell Institute for Industrial Foremen.

Member Mechanical Engineering Society, Governing Board (3), Chairman (4); Institute Committee (4).

Thesis: The Effect of the Time Element in Tempering High Carbon Steel.

(With D. P. Rogers.)

Kenneth Warren Roy, New York City. Δ T.

Born June 24, 1893.

Prepared at Salisbury School, Newburgh Academy.

Member Mechanical Engineering Society; Tennis Club, Vice-President (2); Tennis Team (2, 3); Class Baseball (1, 2).

Thesis: Design for an Automatic Chucking, Drilling, and Ferruling Machine.

(With E. J. Kingsbury.)

Ercell Arthur Teeson, Lowell, Mass.

Born November 8, 1892.

Prepared at Lowell High School.

Member Mechanical Engineering Society; Track Team (1, 2, 3, 4); Class Relay Team (1, 2).

Thesis: Plan for Municipal Markets for Boston.

(With C. P. Putnam, E. D. Pratt.)

Charles Parsons Putnam, Cliftondale, Mass.

Born August 30, 1893.

Prepared at Saugus High School.

Member Mechanical Engineering Society; Tech Show (2).

Thesis: Plan for Municipal Markets for Boston.

(With E. A. Teeson, E. D. Pratt.)

Herbert Dyer Swift, Detroit, Mich. Φ Σ K.

Born December 29, 1888.

Prepared at Detroit University School.

Member Mechanical Engineering Society; Technology Club; Tech Show Chorus (2, 3, 4); Tug-of-War Team (2).

Thesis: An Investigation of a Combined Heating and Sprinkler System.

(With H. H. Whitcomb.)

Wallace Senteny Thomas, Springfield, Ohio. Δ K E.

Born September 7, 1893.

Prepared at Exeter.

Member Mechanical Engineering Society; Osiris; Theta Tau; Beaver Club; Walker Club; Institute Committee (4); Athletic Association (3, 4); Manager Varsity Track Team (3); Advisory Council (3); Vice-President I. C. A. A. A. A. (3); Class Relay Team (2); Technique Electoral Committee.

Thesis: Investigation of the Properties of Semi-steel.

(With D. A. Fales.)

David Pearson Rogers, B.A., Toronto, Canada. Φ B E.

Born June 29, 1891.

Prepared at Jarvis Collegiate Institute, Toronto University.

Member Mechanical Engineering Society; Gym. Team (4), Manager (4).

Thesis: Effect of Time Element in Tempering High Carbon Steel.

(With F. G. Purinton.)

Paul Huse Taylor, Wakefield, Mass. Φ K Σ.

Born August 21, 1892.

Member Mechanical Engineering Society; Electrical Engineering Society; Class Secretary (1, 2); Technique Electoral Committee; Tech Show (1, 2); Class Relay Team.

Thesis: Tests of a Low Pressure Exhaust Steam Turbine to determine the Variation in Economy per Inch Change of Back Pressure.

(With H. E. Morse.)

Albert Uiman Walter, Baltimore, Md.

Born August 20, 1890.

Prepared at Baltimore Boys' Latin School, University of Virginia.

Member Theta Tau; Wrestling Team (2, 3).

Thesis: The Effects of Overstrain on the Physical Properties of Steel.

(With O. P. Camp.)



Frederic Elmer Waters, Salem, Mass.

Born February 20, 1893.

Prepared at Salem High School.

Member Mechanical Engineering Society; Lieutenant M. I. T. Cadet Corps (2).

Thesis: The Physical and Mechanical Properties of Asbestos.

(With C. H. Williams.)

Herbert Hartwell Whitcomb, Littleton, Mass. Φ Σ Κ.

Born August 30, 1891.

Prepared at Lawrence Academy, Groton; Littleton High School.

Member Class Tug-of-War Team (1, 2).

Thesis: Investigation of a Combined Heating and Sprinkler System.

(With H. D. Swift.)

Charles Howard Wilkins, Newtonville, Mass. Θ Χ.

Born March 28, 1892.

Prepared at Newton High School.

Member Mechanical Engineering Society.

Thesis: Physical and Mechanical Properties of Asbestos.

(With F. E. Waters.)

Ernest Jesse Weaver, West Newton, Mass. Σ Φ.

Born July 25, 1891.

Prepared at Newton High School, Cornell University.

Thesis: Investigation of Case Hardening.

Alden Dodge Wheeler, Jr., B.S., Newton Centre, Mass. Α Δ Φ.

Born August 6, 1892.

Prepared at Newton High School, Wesleyan University.

Member Theta Tau.

Thesis: Radiators.

(With J. C. Holmes.)

Edmund Alden Whiting, Montclair, N.J. Φ Γ Δ.

Prepared at Montclair High School, Wesleyan University.

Member Mechanical Engineering Society; Beaver Club; Class Football (2).

George Thompson Wooley, Jr., Salina, Kan. Α Τ Ω.

Born March 24, 1892.

Prepared at St. John's Military School, Kansas State Agricultural College.

Member Mechanical Engineering Society.

Thesis: Test of Gasoline Engine with Different Fuels.

(With T. K. Kao.)

Louis Henry Young, Auburn-dale, Mass.

Born April 7, 1893.

Prepared at Newton High School.

Member Mechanical Engineering Society.

Thesis: A Study of Column Formulae, including an Investigation of Center and Eccentric Loads on I-beam Columns.

(With E. H. Stelle.)



COURSE III. MINING ENGINEERING

Stanley Munroe Baxter, Utica,
N.Y.

Born July 17, 1890.

Prepared at Utica Free
Academy.

Member Tug-of-War Team
(1); Glee Club (3); Gym.
Team (1, 4); Class Clerk of
1913.

Thesis: Genesis of Ore De-
posit at Newgate Mine, Conn.

Gabe Bouck Hilton, Oshkosh,
Wis. $\Phi \Gamma \Delta$.

Born May 30, 1893.

Prepared at Exeter.

Member Beaver Club;
Walker Club; Class President
(1); Technique Electoral Com-
mittee; Societies Editor Tech-
nique; Business Manager
Technology Monthly; Class
Day Committee (4).

Thesis: Treatment of a
Complex Sulphide Ore.

(With R. A. Schmucker.)

Te Chun Hsi, Shanghai, China.
Born September 24, 1894.

Prepared at Government
Institute of Technology,
Shanghai, China.

Member Mining Engineer-
ing Society; Walker Club;
Cosmopolitan Club, Vice-
President (4); Chinese Stu-
dents Club, President (2).

Thesis: Geology of Non-
turn, Bristol, Conn.

Robert Antoine Schmucker,
Red Hook, N.Y. $\Phi \Kappa \Sigma$.

Born May 3, 1885.

Prepared at Episcopal Acad-
emy, Philadelphia; Exeter
Academy.

Member Mining Engineering
Society.

Thesis: Separation of a Com-
plex Sulphide Ore.

(With G. B. Hilton.)

Sanford Lawton Willis, Dor-
chester, Mass.

Born December 27, 1892.

Prepared at Mechanic Arts
High School.

Member Mining Engineer-
ing Society, President (4).

Thesis: Leaching Experi-
ments on Sulphide Copper Ore
from Montana.



COURSE IV. ARCHITECTURE

Bahjat Amin Abdunour, B.A.,
Beyrouth, Syria.

Born September 4, 1893.

Prepared at Syrian Protestant College.

Member Architectural Society; Cosmopolitan Club.

Thesis: A Design for a Palace for the Sultan of Turkey in the Arabic Style of Architecture.

Roland Webster Baldrey,
Medford, Mass.

Born May 18, 1893.

Prepared at Medford High School.

Member Class Baseball Team (1).

Thomas James Barry, Dorchester, Mass.

Born August 12, 1893.

Prepared at Mechanic Arts High School.

Member Architectural Engineering Society, Treasurer (3), President (4).

Thesis: Design of a Reinforced Concrete Highway Bridge.

(With W. B. Rivers.)

Herbert Joseph Beierl, Buffalo, N.Y. A T Ω.

Born August 26, 1892.

Prepared at Canisus College.

Member Architectural Society.

Ludvig Theodor Bengston, Winthrop, Mass.

Born May 31, 1887.

Prepared at English High School.

Everett Rounds Brigham, Atlantic, Mass.

Born July 2, 1892

Prepared at Mechanic Arts High School.

Member Architectural Engineering Society.

Thesis: Structural Design for a Power Station.

Horatio Whittemore Brown, Concord, Mass. Σ X.

Born November 6, 1893.

Prepared at Concord High School.

Member Architectural Engineering Society; Mandolin Club (1).

Thesis: A Study of Concrete Groined Arches.

Benjamin Harrison Byrnes, A.B., Emporia, Kan.

Born October 19, 1888.

Prepared at Emporia High School, St. Mary's College.

Member Architectural Society; Catholic Club.

Thesis: An Architectural Design.

Charles Ober Cornelius, A.B., Boston, Mass.

Born September 9, 1890.

Prepared at Princeton.



Harold Ryder Crowell, Los Angeles, Cal. Δ K E.

Born January 6, 1893.

Prepared at Los Angeles High School.

Member Osiris; Beaver Club; Class Football (1); Institute Committee (1); Class Treasurer (2); Technique Electoral Committee; Editor-in-Chief Technique; Wrestling Team (3, 4), Captain (4).

Francis Fisher Fulton, Boston, Mass. Δ T.

Born May 12, 1894.

Member Architectural Society; Round Table; Class Secretary (1); Class Relay Team (1); Technique Electoral Committee; Class Football Team (2); Glee Club (2); Tech Show Chorus (2).

George Alexander Greville Haslam, Derry, N.H. Δ Ψ.

Born June 14, 1891.

Prepared at Brookline High School.

Member Rifle Team, Captain (3); Class Football Team (1, 2); Technique Electoral Committee.

Osborn Ricker Freeman, Helena, Mont.

Born March 24, 1892.

Prepared at Chauncey Hall School.

Member Architectural Society; Walker Club; Osiris; Art Editor Technique; Class Day Committee (4).

Edwin Burpee Goodell, Jr., Montclair, N.J. Δ K E.

Born October 13, 1893.

Prepared at Montclair High School.

Member Beaver Club; Technique Electoral Committee; Editor-in-Chief The Tech (2); Manager Hockey Team (3); Wrestling Team (3, 4).

Hubert Stafford James, Braintree, Mass. A T Ω.

Charles Wilbur Fry, East Orange, N.J. Φ K Σ.

Born January 27, 1892.

Prepared at Mount Pleasant Military Academy.

Member Architectural Engineering Society; Technique Electoral Committee; Institute Committee (2); Manager Class Football Team (2); Tech Show Orchestra (1, 2, 3, 4).

Thesis: An Investigation to establish the Relative Reliability of Mortar Strength Tests for determining the Suitability of Sand for Use in Concrete.

(With E. H. Neumann.)

Arthur Leighton Guptill, Gorham, Me.

Born March 19, 1891.

Prepared at Gorham High School, Pratt Institute.

Benjamin Lewis Johnson, La Crosse, Wis.

Born June 6, 1886.

Prepared at La Crosse Public Schools.



Terence Roy Johnston, Paris, France. Φ B E.

Born August 9, 1893.

Prepared at Anglo-Saxon School.

Member Architectural Society; Chess Club, President (3); Cercle Français, President (3); Technique Electoral Committee.

Irving Barry McDaniel, Los Angeles, Cal. Δ T Δ.

Born May 15, 1893.

Prepared at Los Angeles Polytechnic High School, University of California.

Member Masque; Walker Club; Mandolin Club (2, 4); Glee Club (4); Tug-of-War (2); Technique Electoral Committee; Grind Editor Technique; Was Ist Los? (2); Ish-Ka-Bibble (3); Käss (4); Tech Show,—Cast and Music (2); Cast, Music, and Lyrics (3); Author, Music, Lyrics (4).

George Frederic Nixon, Leominster, Mass. Θ X.

Born March 5, 1893.

Prepared at Leominster High School, Legate School.

Member Architectural Engineering Society.

Thesis: Investigation of Crushing of Wood across the Grain.

(With A. F. Nyc.)

Harry Heap Law, Dorchester, Mass.

Born April 25, 1890.

Prepared at Tilton Seminary.

Member Architectural Society; Chess Club, President (3); Cercle Français, President (3); Technique Electoral Committee.

William Mellema, Clifton, N.J.

Born March 10, 1889.

Prepared at Paterson High School.

Member Architectural Society; Architectural Engineering Society.

Thesis: A Comparison of Different Methods of Design of Reinforced Concrete Columns.

Elwin Paul Norberg, Pasadena, Cal.

Born June 3, 1889.

Prepared at Los Angeles Polytechnic High School, Stanford University.

Member Architectural Society; Architectural Engineering Society.

Thesis: An Architectural Design.

William Robert Lewis, Elkhorn, W. Va.

Born March 28, 1889.

Prepared at University Preparatory School, Ithaca, N.Y., and Chicago University.

Member of Architectural and Architectural Engineering Society.

Thesis: An Establishment for the Manufacture and Testing of Submarines.

Elmer Herman Neumann, Brooklyn, N.Y.

Born September 22, 1891.

Prepared at Hunt Memorial School.

Member Architectural Engineering Society; Tug-of-War Team (1, 2); Class Basketball Team (1, 2); Chess Club; Tennis Club.

Thesis: An Investigation to establish the Relative Reliability of Mortar Strength Tests for determining the Suitability of Sand for Use in Concrete.

(With C. W. Fry.)

Alfred Francis Nye, Fairhaven, Mass. Θ X.

Born January 7, 1891.

Prepared at Fairhaven High School, Exeter Academy.

Member Architectural Engineering Society; Masonic Club; Hare and Hounds Club, President (3, 4); Technique Electoral Committee; Class Track Team (1, 2); Cross-country Team (1, 2); Varsity Track Team (1, 2, 3); Varsity Cross-country (2, 3, 4), Captain (3, 4); Athletic Association (3, 4).

Thesis: Investigation of Crushing of Wood across the Grain.

(With G. F. Nixon.)



St. Elmo Tower Piza, New York City.

Born September 12, 1894.

Prepared at Horace Mann High School.

Member Architectural Society; Walker Club; Winner Cabot Medal (1); Tug-of-War Team (2); Cercle Français, Vice-President (2), Secretary-Treasurer (3); Ass't Art Editor Technique; Mandolin Club (3, 4).

Thesis: An Architectural Design.

Henry Palmer Sabin, Denver, Col. Δ T Δ.

Born November 1, 1892.

Prepared at Denver Manual Training High School.

Member Architectural Society, Treasurer (3), President (4); Osiris; Walker Memorial Committee (3); Tug-of-War Team (1, 2); Class Crew (1, 2); Ass't Art Editor Technique.

Thesis: An Architectural Design.

Philip Lindsley Small, Jamestown, N.Y. A T Ω.

Born July 18, 1890.

Prepared at Western Reserve University.

Member Architectural Society; Musical Clubs (2); Tech Show (2); Review Editor Technique.

Thesis: A Museum of Natural History.

Walter Ben Rivers, Los Angeles, Cal. Δ T Δ.

Born July 13, 1891.

Prepared at Los Angeles High School, University of California.

Member Architectural Engineering Society, Executive Committee (4); Mandolin Club (3); Banjo Club (3); Tech Show Orchestra (3).

Thesis: Design for a Reinforced Concrete Highway Bridge.

(With T. J. Barry.)

Edward Schoeppe, Philadelphia, Pa. K Σ.

Born November 27, 1890.

Prepared at Northeast Manual Training High School, University of Pennsylvania.

Thesis: Design of a Modern Office Building.

William Benjamin Spencer, Medford, Mass.

Born June 29, 1892.

Prepared at Malden and Medford High Schools.

Member Architectural Engineering Society, Vice-President (4); Technology Club; Senior Portfolio Committee; Tech Show Chorus (3); Class Secretary (4); Class Relay (1), Indoor Track (1), Cross-country (1), Relay (2), Relay Manager (2), Baseball (2); Class Day Committee (4).

Thesis: A Study of Rivet Action in Filler Plates.

(With R. D. Waterman.)

Chester Morrill Runels, Lowell, Mass. Θ X.

Born June 1, 1892.

Prepared at Lowell High School.

Member Architectural Engineering Society, Secretary (4); Architectural Society; Tug-of-War Team (2); Photograph Editor Technique; Chairman Portfolio Committee (4).

Thesis: The Effects of Freezing on Concrete.

(With S. E. Clark.)

Albert Case Sherman, Jr., New Bedford, Mass.

Born October 16, 1891.

Prepared at New Bedford High School.

Member Architectural Society; Cosmopolitan Club; Mandolin Club (4); Banjo Club (1, 2, 3, 4), Leader (4).

John Fanz Staub, B.S., Knoxville, Tenn. Σ A E.

Born September 12, 1892.

Prepared at Knoxville High School, University of Tennessee.

Member Architectural Society; Beaver Club; Principal Tech Show (3, 4); Masque.

Thesis: An Architectural Design.



William Wisson Stephenson,
Jr., Rochester, N.Y.

Born June 30, 1890.

Prepared at Rochester East
High School, Rochester Uni-
versity.

Member Architectural Soci-
ety; Catholic Club; Class
Baseball Team.

Ralph Douglas Waterman,
Denver, Col. $\Sigma A E$.

Born March 18, 1892.

Prepared at East Denver
High School.

Member $\Theta N E$; Beaver
Club; Architectural Engineer-
ing Society; Class Executive
Committee (3); Technique
Electoral Committee.

Thesis: A Study of Rivet
Action in Filler Plates.

(With W. B. Spencer.)

COURSE V. CHEMISTRY

Allen Abrams, A.B., Butler,
Pa. $\Phi \Gamma \Delta$.

Born January 27, 1889.

Prepared at Butler High
School, Washington and Jef-
ferson College.

Member Chemical Society;
Mandolin Club (2, 3, 4); Gen-
eral Manager Combined Musi-
cal Clubs (4).

Thesis: Powdered Coal and
Steam as Fuel in Furnace.

(With J. S. Little.)

Lucius Aurelius Bigelow, Jr.,
Boston, Mass.

Born January 31, 1892.

Member Chemical Society.

Thesis: The Decomposition
of Rosin.

Wayne Deegan Bradley, Cam-
bridge, Mass.

Born September 9, 1893.

Prepared at Cambridge
Latin School.

Member Chemical Society.

Thesis: Determination of
Sulphur in Iron and Steel by
Direct Combustion in Electric
Furnace.

Maurice Frankland Brandt,
Trenton, N.J.

Born April 8, 1891.

Prepared at New Jersey
State Model School.

Member Chemical Society,
Program Committee (3); K_2S ;
Officers Club, Executive Com-
mittee (3); M. I. T. Cadet
Corps, Lieutenant (2), Cap-
tain (3), Major (4); Rifle Club;
Rifle Team (3).

Tsun Chang, Hupeh, China.

Born 1889.

Prepared at Cushing Acad-
emy.

Member Chemical Society;
Mining Society; Cosmopolit-
an Club.

Thesis: The Hydrolysis of
Ammonium Phosphates at
100°.

Alton Aldrich Cook, Dorches-
ter, Mass.

Born March, 1892.

Prepared at Dorchester High
School.

Member Chemical Society.

Thesis: Detection of Cocco-
nut Oil in Butter.



- Norman David Doane, B.S.,**
Meadville, Pa. A X Σ.
Born January 22, 1891.
Prepared at Meadville High School, Allegheny College.
Member Chemical Society.
Thesis: Shorter Methods for the Analysis of Cocoa and Cocoa Products.
- Sidney Reginald Dodd, East Orange, N.J.**
Born May 17, 1890.
Prepared at East Orange High School.
Member Chemical Society; Tug-of-War (1, 2).
Thesis: Determination of Nature of Charge on Colloidal Particles produced by the Action of Ultra-violet Rays.
- Frank Winston Hall, B.S.,**
Georgetown, Tex.
Prepared at Southwestern University.
- Leslie John Heath, A.B., A.M.,**
Chelsea, Mass.
Born November 11, 1890.
Prepared at Boston College High School, Boston College.
Member Chemical Society.
Thesis: Determination of Small Amounts of Essential Oils by the Nephelometer.
- John Augustine Kelleher, West Stoughton, Mass.**
Born August 10, 1891.
Prepared at Chauncy Hall School.
Member Chemical Society; Catholic Club; Class Cross-country Team (1); Class Track Team (1).
Thesis: Aldol Condensation in Liquids.
- Herbert Isaac Knowles, Brookline, Mass.**
Born February 20, 1890.
Member Chemical Society; Chess Club; Class Crew (3); The Tech, Business Board (2), Advertising Manager (3).
Thesis: A Comparative Study of Methods for the Determination of Temporary Hardness in Water.
- Lowell Waldo Mason, B.A.,**
Danbury, Conn. B Θ II.
Born August 27, 1891.
Prepared at Danbury High School, Yale College.
Thesis: A Study of the Relative Accuracy of Several Methods for Determining Titanium in Ores.
- Robert Watkeys Mitchell, Winthrop, Mass.**
Born July 30, 1892.
Prepared at Winthrop High School.
Member Chemical Society; Rifle Club.
Thesis: The Colored Salts of Schiff's Bases, or The Relation of Color to Structure.
- Mary Elsa Plummer, Newton, Mass.**
Born November 29, 1893.
Prepared at Dorchester High School.
Member Cleofan, Secretary (2), Vice-President (3), President (4); Class Secretary (3).
Thesis: A Study of Calcium Acid Lactate; Its Adaptability as a Baking Powder.



Homer Rogers, Saxonville, Mass.

Born February 24, 1894.

Prepared at Mechanic Arts High School.

Member Chemical Society, Treasurer (2); Walker Club, Executive Committee (4); $\Pi \Delta E$, President (4); The Tech (1, 2), Circulation Manager (3); Technology Monthly, Circulation Manager (3).

Thesis: Sulphur Derivatives of Diphenylmethane.

Albert Edward Sampson, Gorham, Me.

Born May 24, 1892.

Prepared at University of Maine, Lowell Textile School, Gorham High School.

Member Chemical Society.

Thesis: A Study of the Action of Chrome Assistants in the Mordanting of Wool; with a View of Establishing a Method for their Measurement.

Solomon Schneider, Roxbury, Mass.

Member News Staff The Tech (2).

Arthur Wentworth Parker, Malden, Mass.

Born February 16, 1892.

Prepared at Malden High School.

Member Chemical Society.

Kebe Toabe, Lawrence, Mass.

Born January 7, 1892.

Prepared at Lawrence High School.

Member Chemical Society.

Thesis: The Lixiviation of Substances absorbed by Insoluble Carriers.

Alden Harry Waitt, Medford, Mass. $B \Theta \Pi$.

Born December 22, 1892.

Prepared at Medford High School.

Member $\Pi \Delta E$, President (4); Technology Club; Chemical Society; Cosmopolitan Club, Councilor (4); Progressive Club, President (3); Massachusetts Federation of College Progressive Clubs, President (3); Institute Committee (1, 2, 3, 4); The Tech, General Manager (4), Managing Editor (3), Societies Editor (2); Point System Committee (3); Bulletin Board Committee (1).

Thesis: The Disinfection of Water by Ozone.

Louis Harrington Zepfler, Needham, Mass.

Born October 10, 1893.

Prepared at English High School.

Thesis: A Simple Method for the Quantitative Determination of Halogens in Organic Compounds.



COURSE VI. ELECTRICAL ENGINEERING

Philip Langdon Alger, S.B.,
Annapolis, Md.

Born January 27, 1894.

Prepared at St. John's Preparatory School and College.

Member Electrical Engineering Society; Chess Club.

Thesis: The Blondel Two Reaction Method for Calculating Regulation of Alternators.

(With E. W. Brown.)

Charles Alanson Bidwell, Jr.,
Stockbridge, Mass.

Born September 24, 1893.

Prepared at Exeter.

Member Electrical Engineering Society; Tech Show (2, 3).

Thesis: Traffic Investigation on B. E. R.R. Co.

Kenneth Kenaston Boynton,
Framingham, Mass.

Born April 7, 1892.

Prepared at Chauncy Hall School.

Member Electrical Engineering Society, President (4); Institute Committee (4); Chauncy Hall Club; Class Football (1, 2).

Thesis: An Investigation of the Rotational Losses of a Direct Current Motor by the Method of Retardation.

(With D. B. Baker.)

Douglas Brooks Baker, Mel-
rose, Mass. K Σ.

Born January 14, 1893.

Prepared at Melrose High School.

Member Electrical Engineering Society, Secretary (4); Class Relay Team (1, 2).

Thesis: An Investigation of the Rotational Losses of a D. C. Motor by Method of Retardation.

(With K. K. Boynton.)

Charles Thomas Blackmore,
B.S. Hampton, Va.

Born July 3, 1888.

Prepared at William and Mary College.

William Henry Brackett, Dor-
chester, Mass. Φ K Σ.

Born May 11, 1893.

Prepared at Mechanic Arts High School.

Member Electrical Engineering Society.

Thesis: Investigation of Regenerative Control of Electric Vehicles.

(With D. W. Perin.)

John Thomas Bauer, Jr., A.B.,
Mobile, Ala.

Born October 1, 1892.

Prepared at St. Patrick's School, Spring Hill College.

Member Electrical Engineering Society; Technology Club; Southern Club; Catholic Club; Vectors; Class Baseball Team (1, 2).

Thesis: Appraisal of Central Station.

Francis Henry Boynton, E.E.,
Waco, Tex. Φ Δ Θ.

Born November 11, 1890.

Prepared at Waco High School, University of Texas.

Member Electrical Engineering Society; Southern Club.

Thesis: Kimble Variable Speed A. C. Motors.

(With L. L. Travis.)

Earle William Brown, Oak-
land, Cal.

Born May 10, 1891.

Prepared at California School of Mechanical Arts, University of California.

Member Electrical Engineering Society.

Thesis: Double Reaction Method of Regulation.

(With P. L. Alger.)



Charles Howard Calder, Newtonville, Mass.

Born June 16, 1892.

Prepared at Newton High School.

Thesis: Effect of Diaphragm Thickness on Sensitivity of Telephone Receivers.

Leland Vining Clark, North Abington, Mass.

Born June 3, 1893.

Prepared at Abington High School.

Member Electrical Engineering Society.

Thesis: Appraisal of a Central Station.

Everett Sharples Coldwell, Swansea, Mass. B Θ II.

Born August 10, 1893.

Prepared at Fall River High School.

Member Glee Club (1, 2, 3, 4); Tech Show (1, 2, 3).

Thesis: Traffic Investigation on B. E. R.R. Co.

George Harlos Cole, B.S., Yazoo City, Miss.

Prepared at Mississippi Agricultural and Mechanical College.

Alfred Victor Coleman, Louisville, Ky. X Φ.

Born January 18, 1893.

Prepared at Brookline High School.

Member Electrical Engineering Society; Southern Club; Rifle Club; Vectors; Tug-of-War Team (1, 2).

Thesis: High Tension Insulators.

(With Robert Welles.)

Ralph Endicott Curtis, Springfield, Mass.

Born May 22, 1892.

Prepared at Springfield Technical High School.

Member Electrical Engineering Society; Wireless Society, Secretary (3).

Thesis: Constant Speed Control for a Shunt Motor.

Alan Standish Dana, Portland, Me. Θ Δ X.

Born June 8, 1892.

Prepared at Portland High School.

Member Electrical Engineering Society.

Thesis: Electric Car Heaters.

(With C. L. Smith.)

Albert Victor De Beech, New Bedford, Mass.

Born September 21, 1893.

Member Electrical Engineering Society.

Thesis: An Electrostatic Oscillograph.

(With G. O. Eaton.)

George Oscar Eaton, Marlboro, Mass.

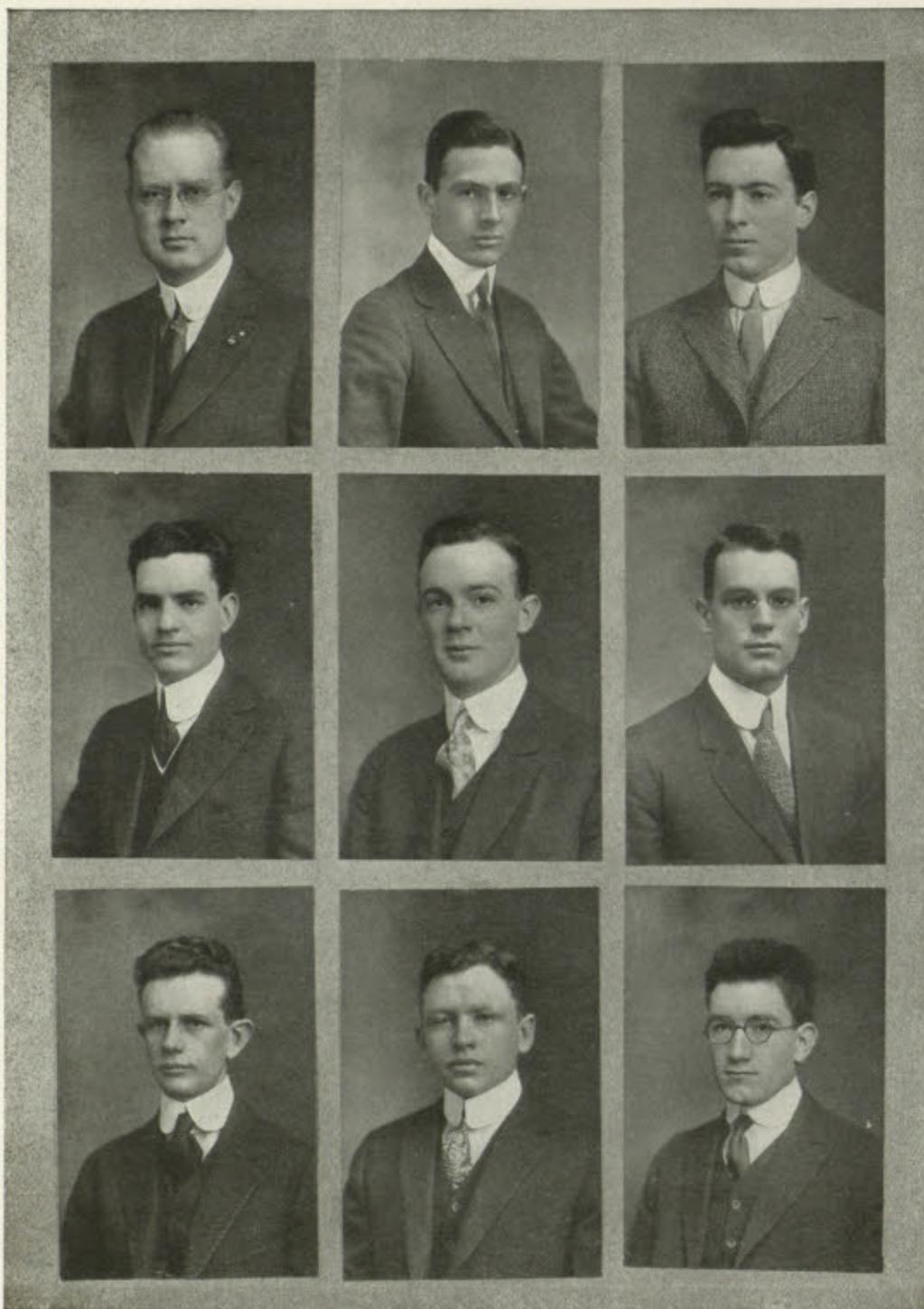
Born May 18, 1892.

Prepared at Marlboro High School.

Member Electrical Engineering Society.

Thesis: An Electrostatic Oscillograph.

(With A. V. De Beech.)



Carlton Winne Eddy, Dorchester, Mass.

Born August 2, 1892.

Prepared at Mechanic Arts High School.

Edward Lawrence Fonseca, Cambridge, Mass.

Born December 15, 1892.

Prepared at Rindge M. T. School.

Member Electrical Engineering Society.

Thesis: To find at what Frequency the Losses in a Commercial Transformer become a Minimum when operated at Constant Voltage.

(With J. S. Fogerty.)

David Mulvane Hughes, Topeka, Kan. A Φ.

Born October 13, 1890.

Prepared at Phillips Academy.

Member Electrical Engineering Society; Osiris; Masque; Vectors; T. C. A.; Walker Club; Technology Club; Class Executive Committee (2); Technique Electoral Committee; Yish-Ka-Bibble, Stage Electrician (3); Niemand Zu Hause, Stage Manager (4); Tech Show, Assistant Stage Manager (1, 2), Stage Manager (3); Class Day Committee (4).

Thesis: An Investigation of the Relation between Speed of Opening and Current Broken by Knife-blade Switches.

(With R. B. Catton and H. L. Leeb.)

Thomas Amory Deblois Fessenden, Bloomington, Ill.

X Φ.

Born August 2, 1893.

Prepared at Brookline High School.

Member Electrical Engineering Society; Vectors; Rifle Club; Technique Electoral Committee; Faculty Editor Technique.

William Milton Harbaugh, A.B. Colorado Springs, Col.

Prepared at Park College.

Thesis: Traffic Investigation on B. E. R.R. Co.

Verne Cornelius Kennedy, Canton, S. Dak.

Born December 17, 1892.

Prepared at Canton High School, University of California, Dakota Wesleyan.

Thesis: Economy of Electric Power Station.

Joseph Samuel Fogerty, Somerville, Mass.

Prepared at Somerville High School.

Member Electrical Engineering Society.

Thesis: To find at what Frequency the Losses in a Commercial Transformer become a Minimum when operated at Constant Voltage.

(With E. L. Fonseca.)

Stephen Roy Holmes, Corydon, Ia. A T Ω.

Born December 20, 1889.

Prepared at Simpson College.

Tech Show Orchestra (2, 3, 4).

Thesis: Cyclic Variations in Candle Power in Nitrogen-filled Incandescent Lamps.

(With L. B. Miller.)

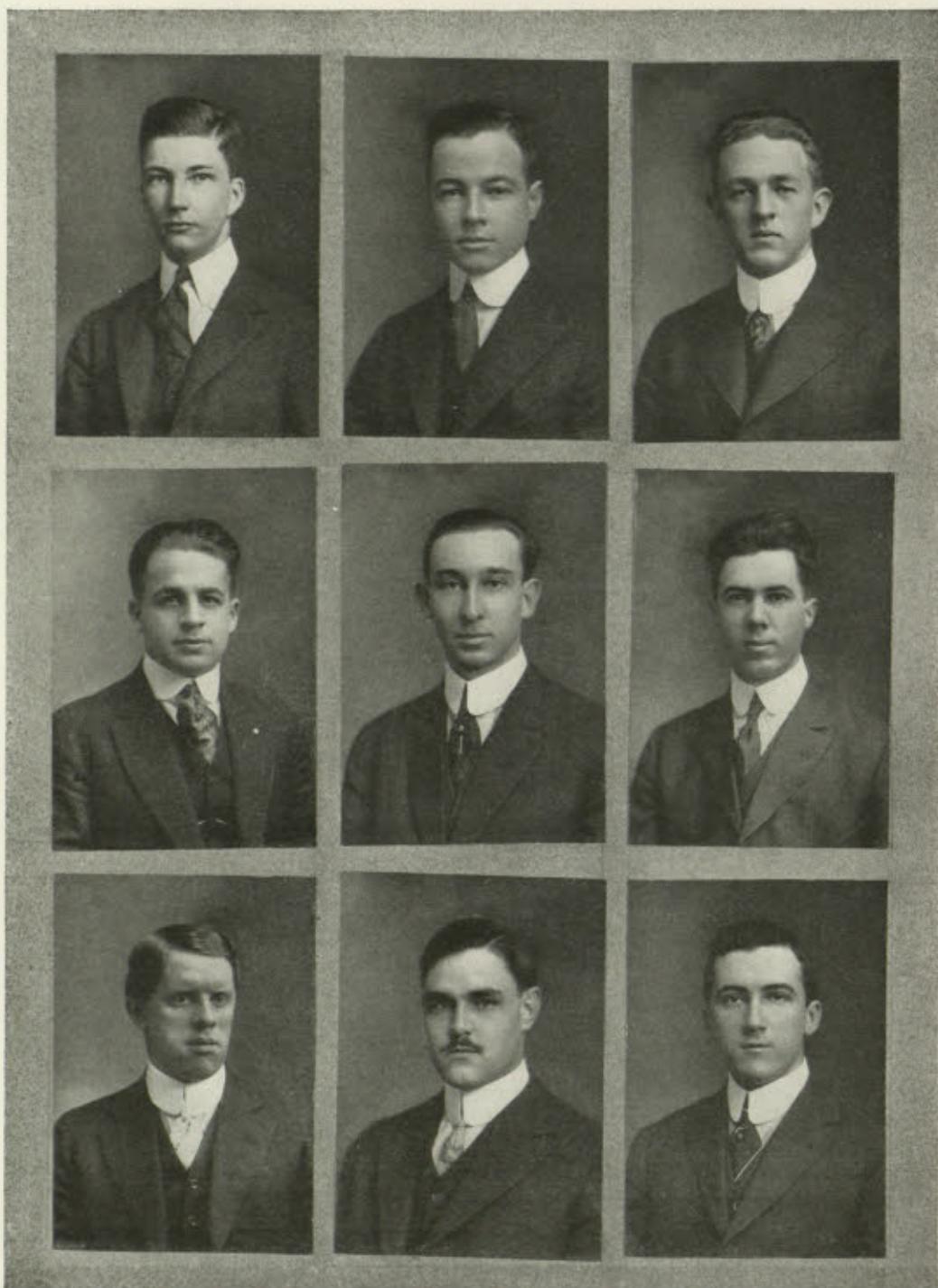
Clive Woodbury Lacy, Dubuque, Ia. B Θ Π.

Born February 4, 1893.

Prepared at Somes School, Williams College.

Member Electrical Engineering Society; Cosmopolitan Club; Vectors; The Tech Business Staff (2), Advertising Manager (3); Advertising Manager Monthly (3); Class Relay (3); Varsity Track Squad (4).

Thesis: Traffic Investigation on B. E. R.R. Co.



Henry Lorent Leeb, South Orange, N.J. $\Lambda \Phi$.
Born May 26, 1893.

Prepared at Newark Academy.

Member Electrical Engineering Society; Osiris; Theta Tau; Vectors; Technology Club; Wireless Society; Technique Electoral Committee; Tech Show (1, 2); Athletic Editor Technique; Institute Committee (4); Chm Point System Committee (4).

Thesis: An Investigation of the Relation between Speed of Opening and Current Broken by Knife-blade Switches. (With R. B. Catton and D. M. Hughes.)

Leo B. Miller, A.B., Indianola, Ia. $K \Theta \Psi$.

Born July 7, 1891.

Prepared at Simpson College.

Member Tech Show Orchestra (2, 3, 4).

Thesis: Cyclic Variations in Nitrogen-filled Tungsten Lamps.

(With S. R. Holmes.)

Charles William Noyes, Smithtown, N.H.

Born January 11, 1891.

Prepared at Hampton Academy, Berkley Preparatory School.

Member Electrical Engineering Society.

Thesis: Buffalo Electric Automobile.

(With P. W. Moody.)

Charles Booth Malone, Jr., Savannah, Ga. $X \Phi$.

Born September 13, 1894.

Prepared at Georgia Tech, Savannah High School.

Member Electrical Engineering Society; Southern Club, Secretary (4); Vectors.

Thesis: Heat Convection from Small Wires immersed in Water.

(With H. Worthington.)

Percy Winslow Moody, Brookline, Mass.

Born August 29, 1891.

Prepared at Exeter.

Member Electrical Engineering Society.

Thesis: Buffalo Electric Automobile.

(With C. W. Noyes.)

Henry Leonard Marion, Burlington, Mass. $\Theta \Delta X$.

Born October 15, 1892.

Prepared at Woburn High School.

Member Electrical Engineering Society, Entertainment Committee (4); Vectors; Tug-of-War Team (1, 2); Class Crew (2).

Thesis: Hoosac Tunnel Electrification.

(With E. E. Place.)

Arthur Lindsay Nelson, Ashmont, Mass. $A T \Omega$.

Born June 15, 1892.

Prepared at Dorchester High School.

Member Electrical Engineering Society, Chairman Entertainment Committee (3, 4); Tech Show (1); Rifle Club; M. I. T. Cadet Corps, Captain (2).

Thesis: Centralization of Power Stations.

(With C. E. Sifton.)

Pedro Paulo Pizzorno, Manoos, Brazil.

Donald Wise Perin, Newton, Mass. $\Phi K \Sigma$.

Born December 26, 1893.

Prepared at Brookline High School.

Tug-of-War Team (1, 2); Crew (1).

Thesis: Regenerative Control of Electric Vehicles.

(With W. H. Brackett.)



Everett Eugene Place, Woburn, Mass. $\Theta \Delta X$.

Born May 8, 1891.

Prepared at Andover.

Member Electrical Engineering Society; Vectors; Junior Prom Committee; Class Treasurer (4); Class Relay (1), Track (1), Baseball (2); Varsity Track Squad (1); Class Day Committee (4).

Thesis: Hoosac Tunnel Electrification.

(With H. L. Marion.)

Clifford Edward Sifton, Portland, Ore. A T Ω .

Born October 23, 1893.

Prepared at Washington High School.

Member Electrical Engineering Society; Tug-of-War (1), Crew (1, 2).

Thesis: Centralization of Power Plants.

(With A. L. Nelson.)

Chou Chuan Tseng, Siongshong, Hunan, China.

Prepared at Futan Preparatory School, Norwich University.

Member Electrical Engineering Society; Cosmopolitan Club.

Thesis: Nonpolarized Relay.

William Joseph Rooney, A.B., Waltham, Mass.

Born April 20, 1890.

Prepared at Boston College High School and College.

Member Electrical Engineering Society.

Thesis: Losses in Dielectrics. Effect of Layers.

(With F. J. Vogel.)

Henry Oscar Sommer, Alameda, Cal.

Born September 1, 1891.

Prepared at California School of Mechanic Arts, University of California.

Member Electrical Engineering Society.

Thesis: Portable Wave Tracer.

Leo Segal, Boston, Mass.

Born May 8, 1893.

Prepared at Everett High School.

Thesis: Traffic Investigation on B. E. R.R. Co.

Lawrence LeValley Travis, Chicago, Ill.

Born February 25, 1892.

Prepared at Lewis Institute.

Member Electrical Engineering Society, Chairman Excursion Committee (3).

Thesis: Kimble Variable Speed A. C. Motors.

(With F. H. Boynton.)

Herbert Newton Turrell, Jr., Oakland, Cal. ΘX .

Born June 3, 1893.

Prepared at Oakland High School.

Member Electrical Engineering Society.

Thesis: Experimental Investigation of an Electric Hammer.

Fred John Vogel, Somerville, Mass.

Born April 15, 1893.

Prepared at Rindge Technical High School.

Member Electrical Engineering Society.

Thesis: Losses in Dielectrics. Effect of Layers.

(With W. J. Rooney.)



Robert Welles, Paris, France.
X Ψ.

Born October 31, 1890.

Prepared at Andover.

Member Electrical Engineering Society; Vectors; Masque; Tech Show (2, 3).

Thesis: High Tension Insulators.

(With A. V. Coleman.)

Charles Whitmore Whitall,
A.B., Cambridge, Mass.

Born June 7, 1890.

Prepared at Choate School, Harvard College.

Member Electrical Engineering Society.

Thesis: Traffic Investigation on B. E. R.R. Co.

Harold Worthington, A.B.,
New York City. B Θ II.

Born November 25, 1890.

Prepared at Westminster School, London; Yale College.

Member Electrical Engineering Society; Vectors; Masque; Walker Club; Theta Tau; Tech Show (2).

Thesis: Heat Convection from Small Wires immersed in Water.

(With C. B. Malone, Jr.)

John Frank Wostrel, Willington, Conn.

Born January 29, 1893.

Prepared at Windham High School.

Thesis: Traffic Investigation on B. E. R.R. Co.

COURSE VII. BIOLOGY AND PUBLIC HEALTH

Peter Masucci, Revere, Mass.
Born November 22, 1892.

Prepared at High School of Commerce.

Member Chemical Society; Catholic Club; Tug-of-War (2).

Joseph Francis Phelan, Cambridge, Mass.

Born March 26, 1892.

Prepared at Rindge Technical High School.

Member Biological Club; Catholic Club.

Warren Clifford Whitman,
A.B., Abington, Mass.
Θ X.

Born July 19, 1890.

Prepared at Abington High School.

Thesis: Use of Aniline Dyes in Culture Media for Differentiating Bacteria.



COURSE VIII. PHYSICS

Joseph Arthur Ball, Cambridge, Mass.

Born August 16, 1894.

Prepared at Rindge Technical High School.

Member Electrical Engineering Society; T. C. A., Cabinet (3, 4).

Thesis: Dielectric Hysteresis.

Joseph Louis Finkelstein, Boston, Mass.

Born October 5, 1893.

Prepared at English High School.

Member Chemical Society.

Thesis: On the Phosphorescence of Sidote Blende.

Horatio Wellington Lamson, Arlington Heights, Mass.

Born January 2, 1893.

Prepared at Arlington High School.

Member Chemical Society; Wireless Society, Treasurer (3, 4); Electrical Engineering Society; The Tech, News Staff (2), Scientific Editor (3); T. C. A.; Boat Club; Tug-of-War (2).

Thesis: Investigations of Quantitative Radio Receivers.

COURSE IX. GENERAL SCIENCE

Clarence William Hale, Springfield, Mass. $\Theta \Delta X$.

Born November 7, 1892.

Prepared at Springfield Technical High School.

Member Class Crew (1, 2, 3).

Thesis: Test on Motor Cooling Device.

(With H. S. Frazine.)



COURSE X. CHEMICAL ENGINEERING

George Nathan Althouse, Norristown, Pa. $\Lambda X A$.

Prepared at Mercersburg Academy.

Member Tug-of-War Team (1, 2); M. I. T. Cadet Corps, Lieutenant (2), Captain (3).

Thesis: Determination of Efficiency and Capacity of an Air Lift for Corrosive Liquids.

(With R. F. Pollard.)

Charles Albert Blodgett, Portland, Me.

Born October 23, 1892.

Prepared at Portland High School.

Member Wrestling Team (1, 2, 4); Tug-of-War (2); Catholic Club, President (4).

Thesis: Determination of Hydrogen and Methane in Illuminating Gas.

Elbridge Johnson Casselman, Washington, D.C. ΘZ .

Born November 29, 1893.

Prepared at McKinley Manual Training School.

Member Chemical Society; Southern Club; Rifle Club; Technique Electoral Committee; K_2S .

Thesis: The Oxidation-Potential of Tin.

Lawrence Humphrey Bailey, North Scituate, Mass. $\Lambda \Phi$.

Born November 7, 1892.

Prepared at Scituate High School.

Member Mechanical Engineering Society; Chemical Society.

Thesis: Investigation of a Method of Producing Pure Carbon Monoxide.

Leonard Ernest Best, Brooklyn, N.Y. $\Lambda \Phi$.

Born July 10, 1894.

Prepared at Brooklyn Boys' High School.

Member Class Cross-country Team (2, 3); Varsity Cross-country Team (4); Athletic Editor The Tech (3); Editor-in-Chief Monthly (4); Chase Captain Hare and Hounds Club (4).

Thesis: Study of the Devulcanization of Rubber.

Philip Wittgenstein Codwise, Melrose Highlands, Mass.

Born July 2, 1892.

Prepared at Melrose High School.

Member Chemical Society.

Thesis: The Tensile Strength of Glue.

Donald Belcher, Newtonville, Mass. ΘX .

Born October 28, 1892.

Prepared at Newton High School.

Thesis: Factors Determining the Drying of Printing Ink.

Theodore Gates Brown, West Roxbury, Mass. $\Phi K \Sigma$.

Born September 7, 1892.

Prepared at English High School.

Member Chemical Society; Class Football (1), Tug-of-War (2).

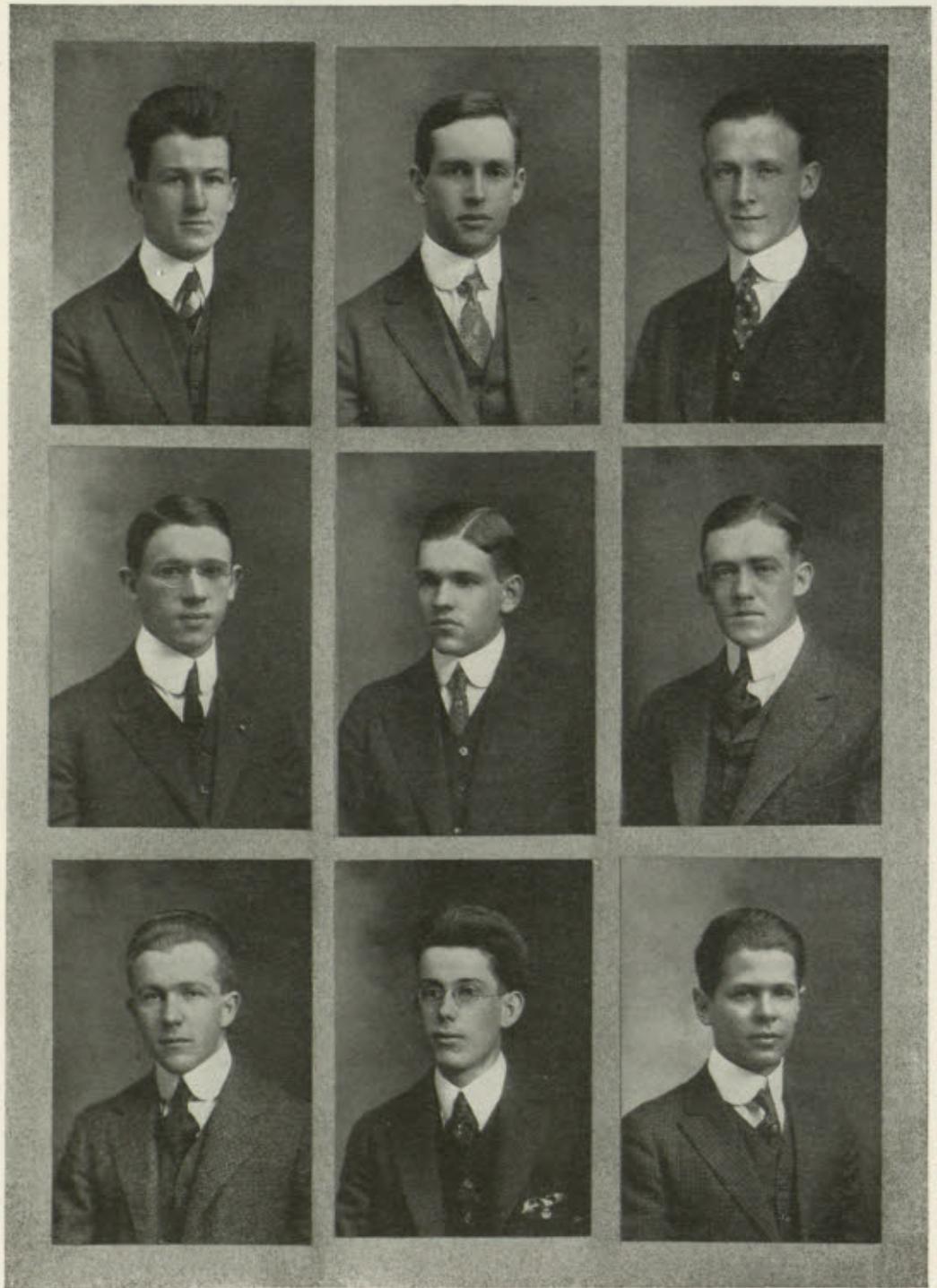
John Nolan Dalton, Milford, Mass.

Born August 20, 1894.

Prepared at Milford High School.

Member Catholic Club; Class Football Team (2); Class Basket-ball Team (1, 2).

Thesis: Periodides of Aromatic Anilides and their Double Compounds with Metallic Salts.



Roscoe Gilkey Dickinson,
Hyde Park, Mass.

Burnham Evans Field, Port-
land, Me.

Newell Lathrop Foster, Rox-
bury, Mass. $\Phi K \Sigma$.

Born June 5, 1892.

Born June 20, 1892.

Prepared at Portland High
School.

Prepared at English High
School.

Member Chemical Society;
Glee Club (2, 3); Class Relay
Team (1).

Member Class Executive
Committee (3); $K\alpha S$; Track
Team.

Thesis: The Effect of Weath-
ering on the Chemical and
Mechanical Properties of As-
bestos Shingles.

Ralph Hart, Roxbury, Mass.
Member Tech Show Orches-
tra.

Robert Everett Haylett, B.S.,
Milwaukee, Wis. $B \Theta \Pi$.

Sigurd Trygve Helseth, A.B.,
Appleton, Minn. ΔT .

Prepared at Beloit College.

Born February 16, 1889.

Member Glee Club.

Prepared at St. Olaf Col-
lege.

Thesis: Study of the Flow of
Viscous Liquids through Pipes.

Member Chemical Society;
Tech Show Orchestra; Class
Football (2).

(With H. J. Lucey.)

Thesis: Heat of Dilution of
Various Liquids.

Clarence Weare Howlett,
Cambridge, Mass. $B \Theta \Pi$.

Ralph Palmer Joslyn, Hollis-
ton, Mass.

Kenneth Despres Kahn, South
Bend, Ind.

Born October 10, 1893.

Born July 27, 1892.

Born March, 1893.

Prepared at Rindge Techni-
cal School.

Prepared at Holliston High
School.

Prepared at South Bend
High School, Case School of
Applied Science.

Member Chemical Society;
Mandolin Club (1); Glee Club
(3, 4); Technique Electoral
Committee (2); Junior Prom
Committee; Institute Commit-
tee (3); Baseball Team (1);
Football Team (1, 2).

Thesis: Precipitation of Col-
loidal Arsenious Sulphide by
the Ultra-violet Rays.

Member Chemical Society;
The Tech, Managing Editor
(3); Technology Monthly,
Managing Editor (3), Editor-
in-Chief (4).

Thesis: Test of Absorption
Theory by Decolorization of
Water.

Thesis: The Precipitation of
Colloids by Surface Contact.



Manahan Brenner Kaufman,
Lawrence, Mass. Z B T.

Born May 21, 1893.

Prepared at Lawrence High School.

Member Chemical Society.

Thesis: The Composition of Lime-Sulphur Solution.

Kenneth Theodore King, Chi-
cago, Ill. Δ T Δ.

Born October 7, 1891.

Prepared at Crane Techni-
cal High School, Armour In-
stitute of Technology.

Member Osiris; Masque;
Tech Show (2, 3); Mandolin
Club (3, 4), Leader (4).

Thesis: Evaluation of Glue
as a Sizing Agent for Paper.

Bernard Landers, Boston,
Mass.

Born January 20, 1892.

Prepared at Boston English
High School.

Member Chemical Society;
Officers' Club; M. I. T.; Cadet
Corps, Lieutenant (2), Cap-
tain (3); Union Committee (4).

Thesis: Reduction of P-
Sulpho-Cinnamic Acid by Col-
loidal Metals.

(With Professor Moore.)

Douglas Howard McMurtrie,
A. B., Portland, Me. B O H.

Prepared at Bowdoin College.

Arthur Tapley Munyan, Mel-
rose, Mass. Δ T.

Born April 15, 1894.

Prepared at Melrose High
School.

Member Tech Show (1, 2, 3).

Thesis: Removal of Oxygen
from Boiler Feed Water.

Henry Jerome Lucey, Natick,
Mass.

Born July 10, 1889.

Prepared at Phillips Acad-
emy, Andover.

Member Chemical Society,
Treasurer (4).

Thesis: Study of the Flow of
Viscous Liquids through Pipes.

(With R. Haylett.)

Azel Washington Mack, Ja-
maica Plain, Mass.

Born July 4, 1894.

Prepared at Mechanic Arts
High School.

Member Chemical Society;
Technology Club; Assistant
Business Manager Tech Show
(1, 2).

Thesis: Starch Paste Solu-
tions.

John Shirley Little, Burling-
ton, Ia. Φ Γ Δ.

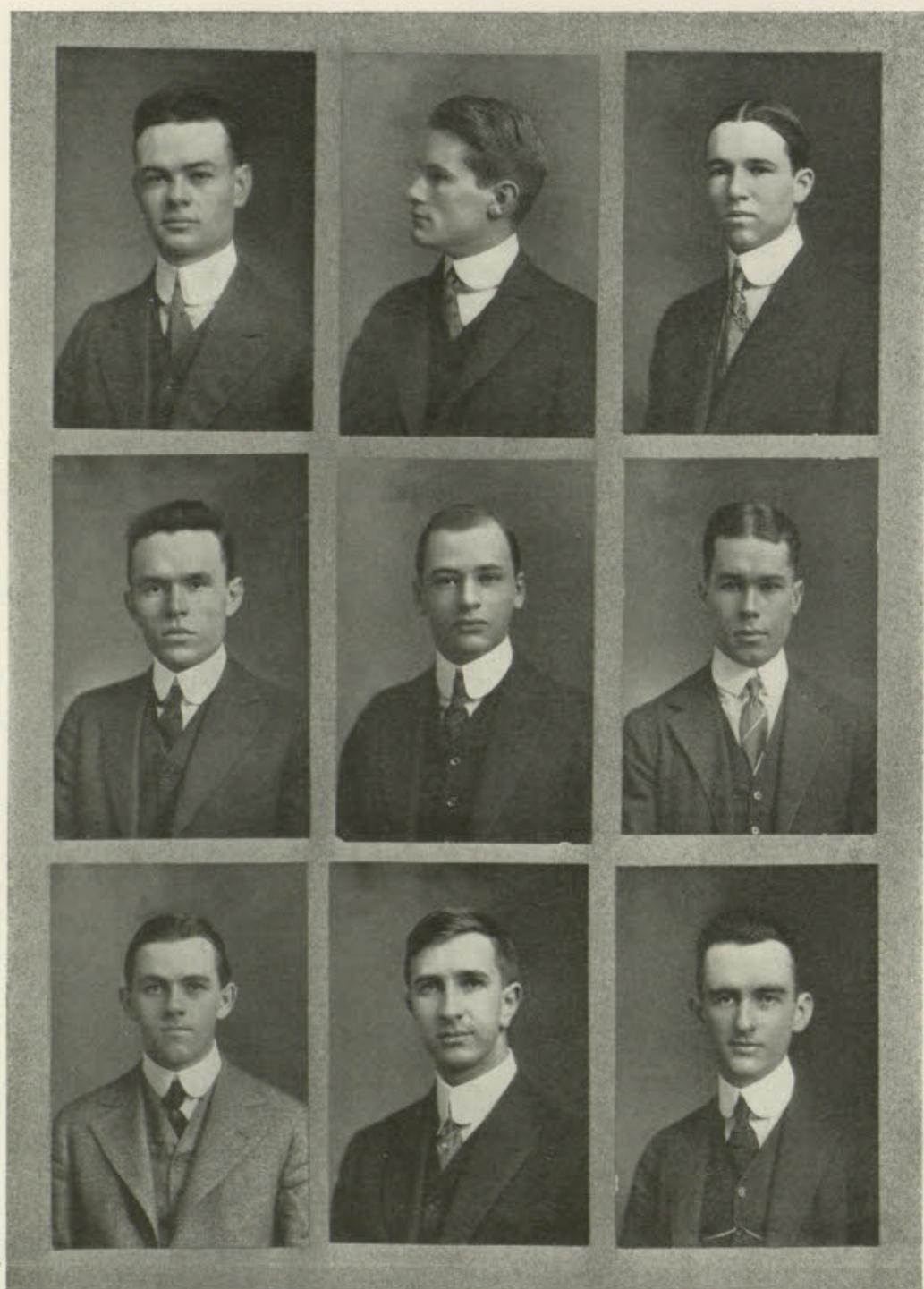
Born May 2, 1892.

Prepared at High School,
University of Wisconsin.

Member Tech Show Orches-
tra (3).

Thesis: Powdered Coal and
Steam as Fuel in Furnace.

(With A. Abrams.)



James Benson Neal, Braintree, Mass.

Born January 30, 1893.

Prepared at Thayer Academy.

Thesis: Devulcanization of Rubber.

(With Professor Phelan.)

Dexter North, B.S., Washington, D.C. A Δ Φ.

Born October 26, 1890.

Prepared at Western High School, Hamilton College.

Thesis: The Separation of HCl and NH₃ by Diffusion.

(With Dr. Walker.)

Reginald Flint Pollard, Lynn, Mass. A X A.

Born February 12, 1892.

Prepared at Lynn Classical High School.

Member Chemical Society; Hare and Hounds Club; Varsity Track Team (3).

Thesis: Determination of Efficiency and Capacity of an Air Lift for Corrosive Liquids.

(With G. N. Althouse.)

Thomas Clifford Pond, Franklin, Mass.

Born November 6, 1892.

Prepared at Dean Academy.

Member Chemical Society; Catholic Club.

Thesis: A Systematic Counter Current Extraction of Sodium Hydroxide from Pulp.

(With Dr. Lewis.)

Charles Henry Rosenthal, Cincinnati, Ohio.

Born April 2, 1893.

Prepared at Walnut Hills High School.

Member Chemical Society.

Thesis: Recovery of Iron from Pickle Waste.

Theodore Franklin Spear, Allston, Mass. A T U.

Born August 17, 1893.

Prepared at Mechanic Arts High School.

Member Osiris; Chemical Society, President (4); Institute Committee (2); M. I. T. A. A. (1); Manager Class Relay Team (1); Technique Electoral Committee; Treasurer Technique; Class Executive Committee (4); Class Day Committee (4).

Thesis: Test of a Commercial Counter Current Hot Air Drier for Yarn.

(With G. R. Urquhart.)

Frederick Walter Stetson, Somerville, Mass.

Born July 12, 1893.

Prepared at Somerville English High School.

Thesis: Oxidation of Linseed Oil by Means of Ultraviolet Light for Use in Making Patent Leathers.

Raymond Beverly Stringfield, A.B., Los Angeles, Cal. K Ψ Γ.

Born December 15, 1891.

Prepared at Los Angeles Polytechnic High School, University of Southern California.

Member Chemical Society; Rifle Club; The Tech News Staff (3).

Thesis: A Scheme for the Detection of the Principal Constituents of a Substance by Preliminary Examination.

(With Professor Hall.)

George Robert Urquhart, Concord, Mass. Σ A E.

Born June 11, 1892.

Prepared at Concord High School, Williams College.

Member Osiris; Θ N E; Round Table; Beaver Club; Chemical Engineering Society; Mandolin Club (1); Class Track Team (1, 2); Class Executive Committee (2); Vice-President Technique Electoral Committee; Business Manager Technique; Walker Memorial Committee (3); Class Day Committee (4) Chairman.

Thesis: Test of a Commercial Counter Current Hot Air Drier for Yarn.

(With T. F. Spear.)



Raymond Hamilton Walcott,
Clinton, Mass. A X A.

Born May 30, 1892.

Prepared at Clinton High School.

Member K α S; Chemical Society; T. C. A.

Percival McCeney Werlich,
Washington, D.C. Φ B E.

Born June 26, 1892.

Prepared at Asheville School.

Member Walker Club, President (4); Tug-of-War (1, 2), Captain (1, 2); Class President (2); M. I. T. Cadet Corps, Battalion Adjutant (2); Secretary-Treasurer Institute Committee (2); Chairman Technique Electoral Committee; Yish-Ka-Bibble (3); Junior Prom Committee; Walker Memorial Committee (3).

COURSE XI. SANITARY ENGINEERING

Augustus Joseph Caffrey, Lawrence, Mass.

Born November 8, 1893.

Prepared at Lawrence High School.

Member Catholic Club; Class Baseball Team (1, 2).

Thesis: An Investigation of the Drinking Waters of Common Carriers.

Francis Chandler Foote, Cooperstown, N.Y. X Φ .

Born March 20, 1894.

Prepared at DeLancey School.

Member Civil Engineering Society, Secretary (3); Walker Club; Catholic Club; Cosmopolitan Club; II Δ E; Wireless Society; Cercle Franais, Secretary-Treasurer (2); Technology Club; The Tech, News Board (2), Managing Editor (2); Technique Electoral Committee; Finance Committee (2); Class Executive Committee (3).

Thesis: An Experimental Investigation of the Effect of Bridge Piers in Rivers upon Backwater.

(With S. M. Fox, Jr.)

Charles Anthony Calderara, B.S., Milford, N.H.

Born November 23, 1890.

Prepared at Milford High School, Dartmouth College.

Thesis: Water Supply Extension for Milford, N.H.

Raymond Daniel Gladding, B.S., Fall River, Mass.

Born January 23, 1890.

Prepared at B. M. C. Durfee High School, University of New Mexico.

Member Civil Engineering Society.

Thesis: Investigation of Refuse Disposal in Medium-sized Cities in the United States.

(With G. W. Simons.)

Martin Warren Cowles, Fairfield, Conn.

Born May 6, 1894.

Prepared at Bridgeport High School.

Member Civil Engineering Society.

Thesis: A Sewerage System and Disposal Plant for Fairfield, Conn.

William Rea Holway, Sandwich, Mass. Σ N.

Born April 29, 1893.

Prepared at Sandwich High School, Dartmouth College.

Member Civil Engineering Society, Executive Committee (4); President M. I. T. Forum (4); Class Baseball (2); Class Day Committee (4).

Thesis: Design of Water Supply System for Sandwich, Mass.

(With A. N. Wardle.)



George Washington Simons, Jr., B.S., Portland, Ore.
 Φ K Ψ.

Born February 23, 1891.

Prepared at Rochelle (Illinois) High School, Beloit College.

Member Civil Engineering Society.

Thesis: Investigation of Refuse Disposal in Medium-sized Cities in the United States.

(With R. D. Gladding.)

Ellis Spence Tisdale, Dorchester, Mass. A X A.

Born August 4, 1891.

Prepared at Needham High School.

Member Union House Committee (2).

Thesis: Investigation of Efficiency Medfield Filter Beds.

(With S. L. Tolman.)

Andrew Nelson Wardle, East Dedham, Mass.

Born November 3, 1893.

Prepared at Dedham, Mass.

Thesis: Design of Water Supply System for Sandwich, Mass.

(With W. R. Holway.)

Arthur Rollin Stubbs, Rockland, Me. Φ B E.

Born February 29, 1892.

Prepared at Exeter.

Member Institute Committee (1); Class Relay Team (1, 2); Technique Electoral Committee.

Thesis: Conservation of Water Supply from Winsted, Conn., Drainage Area.

(With R. V. Tiffany.)

Ralph Vosburg Tiffany, Winsted, Conn. Θ X.

Born June 11, 1892.

Prepared at Gilbert School.

Member Civil Engineering Society, Executive Committee (4); Secretary Students' Council (3); Class Dinner Committee (4); Class Day Committee (4).

Thesis: Conservation of Water Supply from Winsted, Conn., Drainage Area.

(With A. R. Stubbs.)

Samuel Leland Tolman, Hanover, Mass.

Born May 21, 1893.

Prepared at Hanover High School.

Member Civil Engineering Society.

Thesis: Investigation of Efficiency Medfield Filter Beds.

(With E. S. Tisdale.)

Charles Montgomery Wareham, Swampscott, Mass.

Born January 7, 1892.

Prepared at Swampscott High School.

Member Civil Engineering Society; Tug-of-War Team (2).



COURSE XIII. NAVAL ARCHITECTURE

Aubrey Donnithorne Beidel-
man, Braintree, Mass.

Born April 23, 1889.

Prepared at Riegelsville
Academy, Westwood High
School, Stevens Preparatory
School, Barringer High School.

Member Naval Architect-
ural Society, Secretary (4).

Thesis: Freight Handling at
Coastwise Steamship Termi-
nals.

Von-Fong Lam, Canton,
Kwangtung, China.

Born April 4, 1891.

Prepared at Heffley Insti-
tute, Brooklyn.

Ralph Francis Hart, Morris-
town, N.J.

Prepared at Stevens Insti-
tute of Technology.

Harold Townsend Bent, Bos-
ton, Mass.

Born February 4, 1892.

Prepared at Mechanic Arts
High School.

Member Naval Architect-
ural Society, Secretary (3),
President (4); Wireless Soci-
ety, Board Directors (1);
M. I. T. Cadet Corps, Lieu-
tenant (2), Captain (3), Major
(4); Officers Club.

Thesis: An Investigation of
the Deformation due to
Launching of the S.S. Atlan-
tic.

Evers Burtner, Lynn, Mass.

Born April 24, 1893.

Prepared at Lynn Classical
High School.

Member Naval Architect-
ural Society; Mechanical En-
gineering Society.

Thesis: Investigation of De-
flection of Cargo Steamer
Atlantic.

(With D. C. Ramsay.)

Charles Ellis Ellicott, Jr.,
A.B., Melvale, Md. Φ Κ Ψ.

Born March 21, 1892.

Prepared at Baltimore City
College, Johns Hopkins Uni-
versity.

Member Naval Architect-
ural Society.

Thesis: Trials of Sea-going
Dredge Absecon.

(With R. P. Sherman.)

Pellian Tehche Mar, Foo-
chow, China.

Prepared at Nanking Naval
College.



De Witt Converse Ramsay,
West Roxbury, Mass.

Born May 16, 1892.

Prepared at Berkley Preparatory School.

Member Naval Architectural Society, Treasurer (3, 4).

Thesis: Investigation of Deflections of Cargo of Steamer Atlantic.

(With E. Burtner.)

Robert Parker Sherman, Manila, P.I. $\Phi \Sigma \kappa$.

Born August 3, 1889.

Prepared at Manila High School.

Thesis: Test on Sea-going Dredge Absecon.

(With C. E. Ellicott, Jr.)

Chou Wang, Nanking, China.

Born 1891.

Prepared at Nanking Naval College.

Member Naval Architectural Society.

Tsin Yuen, Nanking, China.

Born September 28, 1891.

Prepared at Nanking Naval College.

Member Chinese Club, Treasurer (2); Naval Architectural Society.



COURSE XIV. ELECTRO-CHEMISTRY

Edward Isadore Berenson,
Boston, Mass.

Born January 17, 1893.

Prepared at English High
School.

Member Electrical Engi-
neering Society.

Thesis: Action of Nitrogen
on Calcium Carbide.

Eugene Moness, Libau, Rus-
sia.

Born April 12, 1888.

Prepared at Commercial
School, Libau, Russia.

Member Electrical Engi-
neering Society; M. I. T.
Forum.

Thesis: Preparation of Pure
 CaC_2 and Determination of its
Melting Point.

Eastman Atkins Weaver, Des
Moines, Iowa. $\Phi \Gamma \Delta$.

Born March 18, 1894.

Prepared at West Des
Moines High School.

Member Osiris; Walker
Club; Vectors; $\Pi \Delta E$; Edi-
tor-in-Chief The Tech (3, 4);
Editor-in-Chief Monthly (3);
Class Day Committee (4).

Thesis: Electrolytic Separation
of Cu and Ni from a Com-
mercial Matte and from an
Alloy.

(With G. C. Wilson.)

George Jones Easter, El Paso,
Tex.

Born June 27, 1893.

Prepared at El Paso High
School.

Member Electrical Engi-
neering Society; Chemical So-
ciety; Southern Club.

Thesis: Electrolytic Separation
of Aluminum from Fused
 AlCl_3 in Fused NaCl .

(With A. R. Greenleaf.)

Allen Raymond Greenleaf,
Wakefield, Mass.

Born June 13, 1894.

Prepared at Wakefield High
School.

Member Electrical Engi-
neering Society.

Thesis: Electrolysis of AlCl_3
in Fused NaCl .

(With G. J. Easter.)

Gilbert Lawrence Peakes,
Lynn, Mass.

Born March 31, 1893.

Prepared at Lynn Classical
High School.

Thesis: Conductivity of
Glass at Temperatures up to
Melting Point.

Edward Cyrus Walker, 3d,
A.B., Batavia, N.Y. $X\Psi$.

Born August 12, 1892.

Prepared at Hamilton Col-
lege.

Member Electrical Engi-
neering Society; Chemical So-
ciety; Wireless Club.

Thesis: Electrolysis of Glass.

Gardiner Cushing Wilson,
Brighton, Mass.

Born October 23, 1892.

Prepared at Thayer Acad-
emy.

Member Chemical Society.

Thesis: Electrolytic Separation
of Cu and Ni from a Com-
mercial Matte and from an
Alloy.

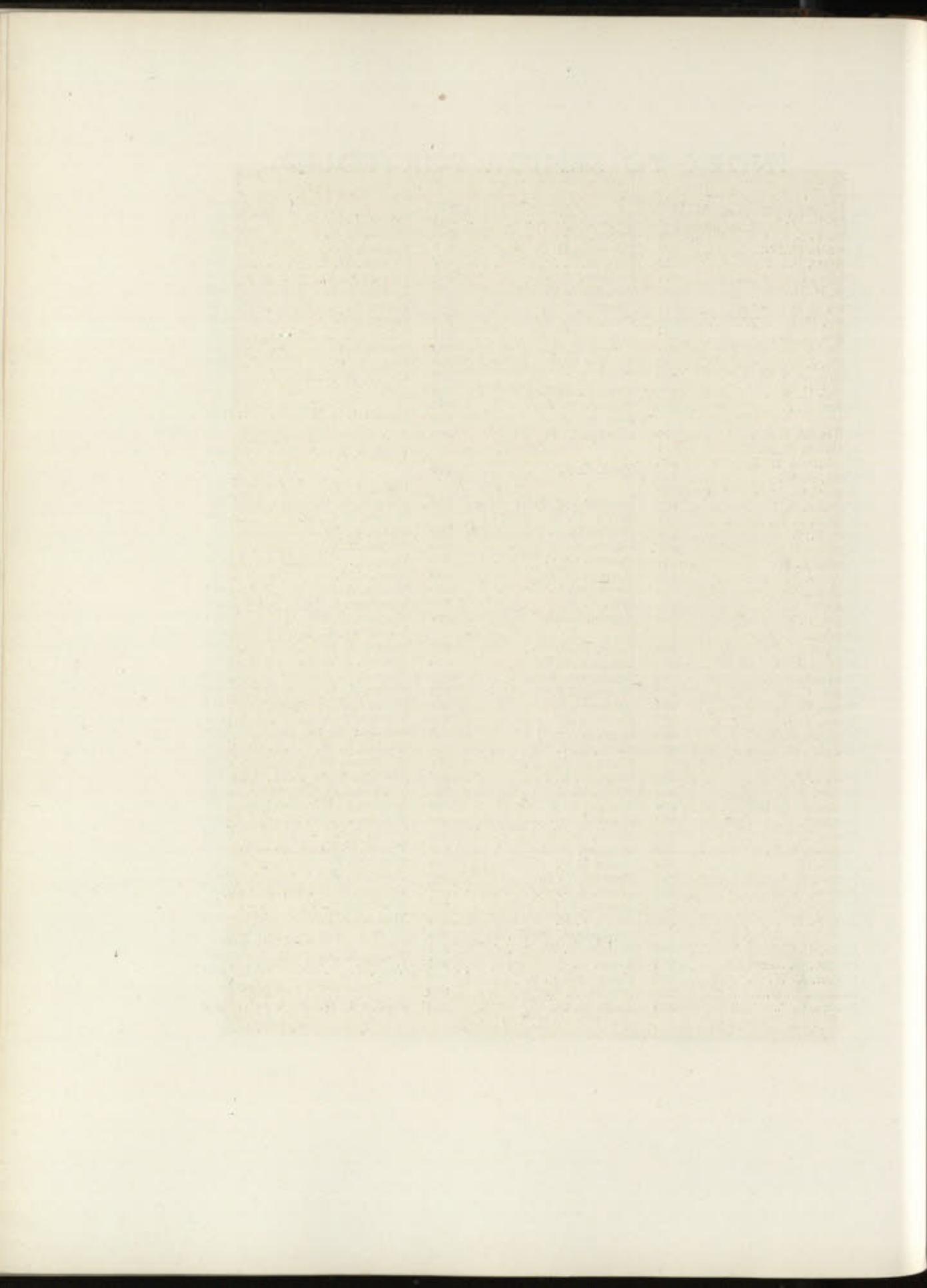
(With E. A. Weaver.)

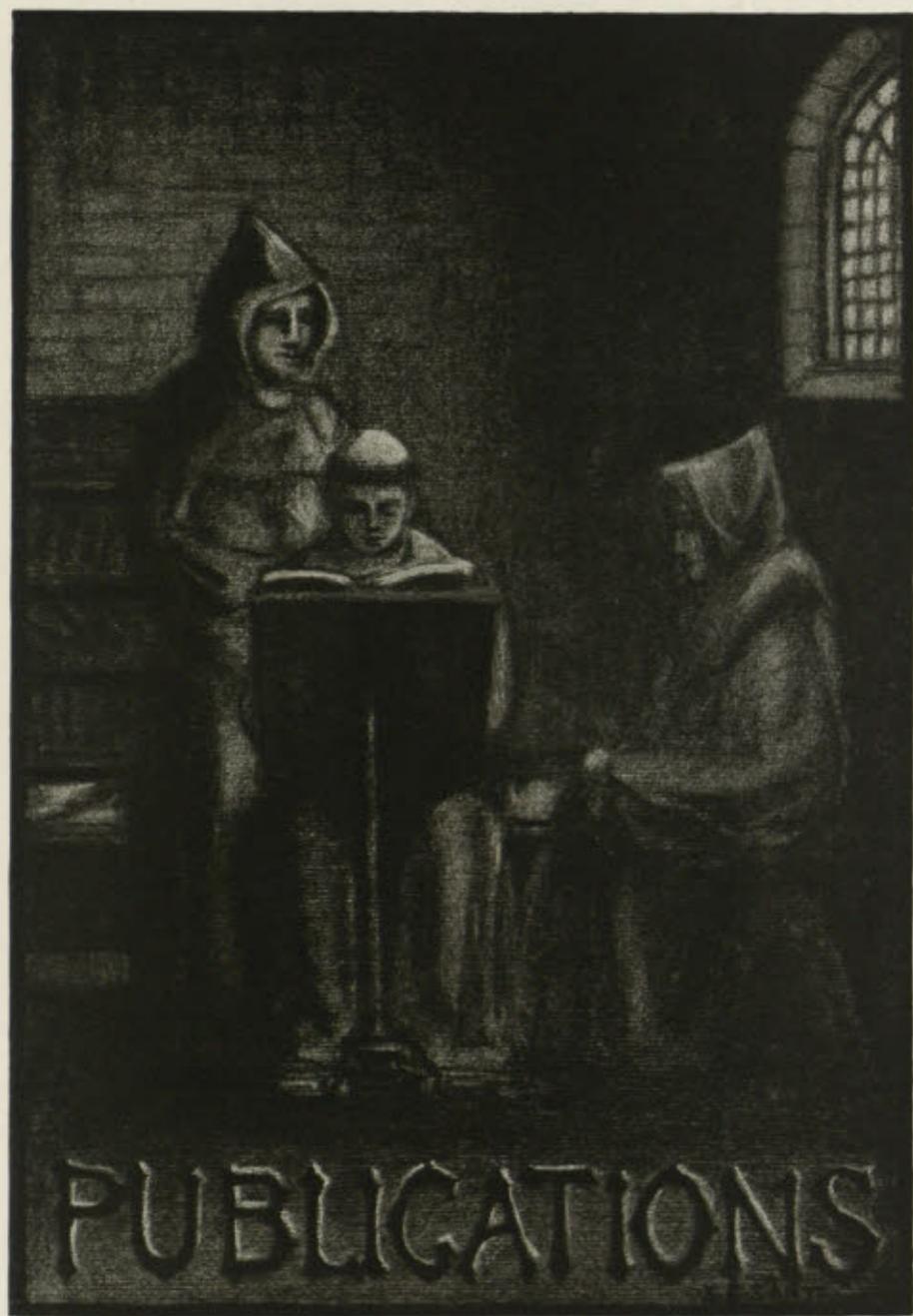
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TECHNOLOGY MONTHLY



DURING the year that the TECHNOLOGY MONTHLY AND HARVARD ENGINEERING JOURNAL has been in existence the most important change has been the combination of the original TECHNOLOGY MONTHLY with the *Harvard Engineering Journal*, which resulted in an increased circulation, and an improved and extended field of writers and subjects from which to draw. The combination of these two magazines was the first definite step taken toward the combining of the activities of the Graduate School of Applied Science of Harvard University with the Massachusetts Institute of Technology.

That the original purpose of the magazine has been upheld and amplified is readily seen from a consideration of current issues in the light of an editorial published in the first number:

“In view of the position occupied by the Massachusetts Institute of Technology in the scientific education of the country, it is a notable fact that no suitable outlet has ever existed for the literary potentiality which must exist among her undergraduates. . . . It is this lack of opportunity for the expression and circulation of ideas among alumni and undergraduates that the TECHNOLOGY MONTHLY aims primarily to fill. . . . But it seems highly inadvisable that the magazine should be restricted to the foregoing purpose. The supply of material cannot be depended upon to give a sufficiently uniform degree of excellence to make the publication a success. Moreover, an issue devoted solely to ourselves could not fail to defeat its own purpose by its very narrowness. Therefore it is our purpose to publish material which we think sufficiently interesting or educational to be desirable for circulation among Institute men, whether it comes from undergraduates, alumni, or outsiders.”



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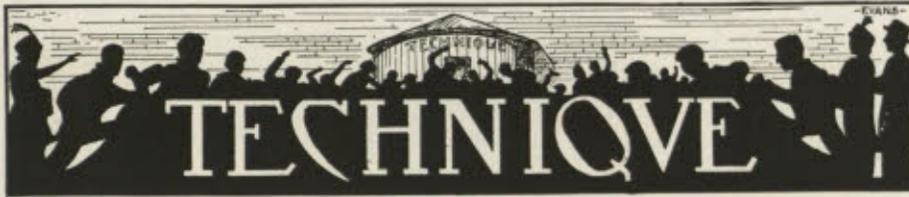
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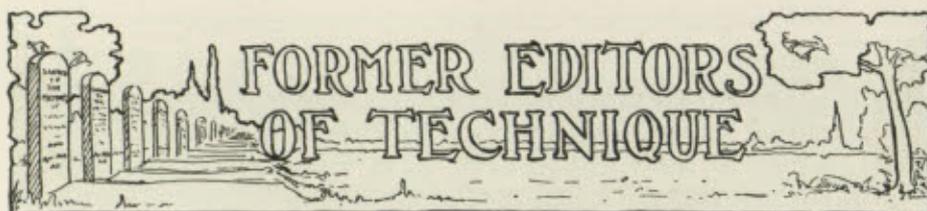
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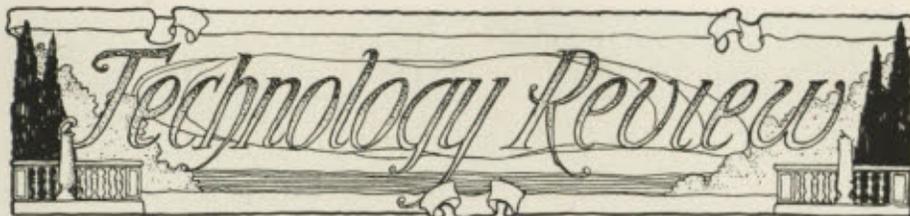




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THE TECHNOLOGY REVIEW, the official organ of the Alumni Association, is published monthly during the school year. Its object is to promote the welfare and advancement of the Massachusetts Institute of Technology by keeping its graduates, and others interested in its progress, in touch with it. In its articles are discussed the growth and expansion of the Institute, the general problems of education that pertain to it, and the important achievements, both in engineering and science, of its past students. It also reports in an informal way the action taken by the Corporation and Faculty, the meetings of the local alumni associations, the news relating to student organizations and to the social life of the Institute in general. It presents also the personal information obtained by the Class Secretaries in regard to the occupations and activities of former students.

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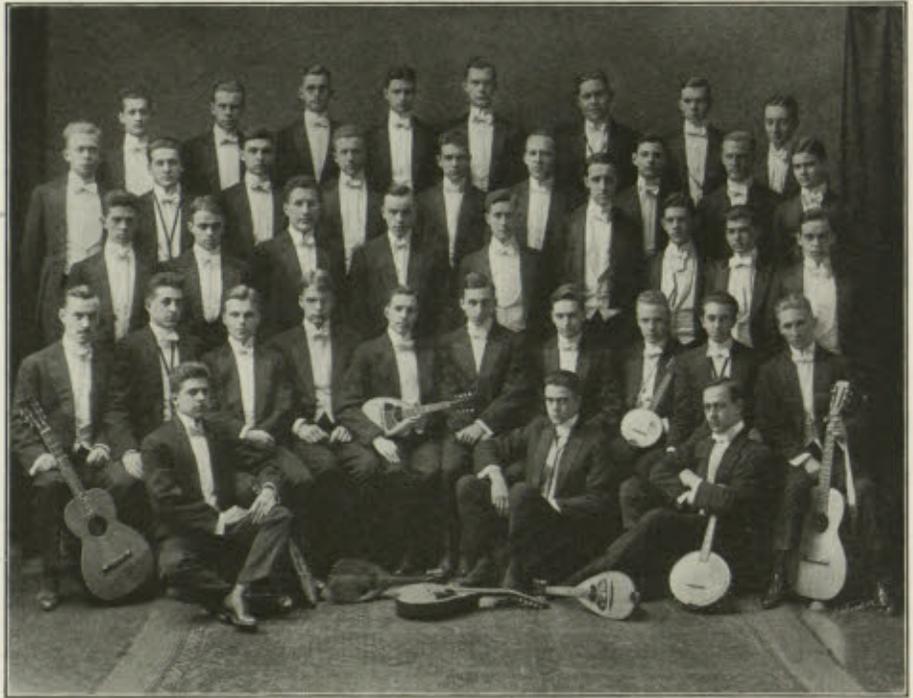
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December 9, 1914	Baptist Church	Brookline
December 12, 1914	Wellesley College	Wellesley
December 18, 1914	Winter Concert and Dance	Copley Hall
December 31, 1914	Portsmouth High School	Portsmouth
January 8, 1915	Popular Concert and Dance	Huntington Hall
January 9, 1915	Simmons College	Boston
February 1, 1915	Montclair Club Hall	Montclair, N.J.
February 2, 1915	New Century Drawing Room	Philadelphia
February 3, 1915	W. & J. College Gymnasium	Washington, Pa.
February 4, 1915	High School Auditorium	Butler, Pa.
February 5, 1915	Hotel Seneca	Rochester, N.Y.
February 6, 1915	Carnegie Hall	Northampton
February 6, 1915	Central High School Hall	Springfield
March 1, 1915	Edison Service Company	Boston
March 15, 1915	High School	Framingham
March 16, 1915	Mt. Holyoke College	South Hadley
March 20, 1915	Wheaton College	Norton
April 16, 1915	Spring Concert and Dance	Copley Hall



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HENRY P. PINKHAM, 1916
RALPH H. ROSS, 1917
ALBERT S. THYBERG, 1917

Accompanists

SIDNEY E CLARK, 1915
IRVING B. McDANIEL, 1916

Quartette

Tenors

HERBERT C. WILLIAMSON, 1916
JAMES A. BURBANK, 1916

Basses

CLARENCE W. HOWLETT, 1915
PERCY W. CARR, 1918





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 ROBERT H. WELLS, 1918

Second Mandolins

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 JAMES L. CLARK, 1918
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 ST. ELMO T. PIZA, 1915
 ALBERT S. THYBERG, 1917

Third Mandolins

FRED W. DODSON, 1917
 JOHN N. McDEVITT, 1916
 WILLIAM R. McEWEN, 1914
 BRUCE N. STIMETS, 1916

Tenor Mandolas

PHILIP N. CRISTAL, 1917
 GEORGE R. DURYEA, 1916

Flute

EDWARD H. BARRY, 1916

'Cello

HERBERT MENDELSON, 1916

Guitars

WALTER J. BEADLE, 1917
 F. LESLIE FORD, 1917
 R. STEWART ROWLETT, 1916
 ALBERT C. SHERMAN

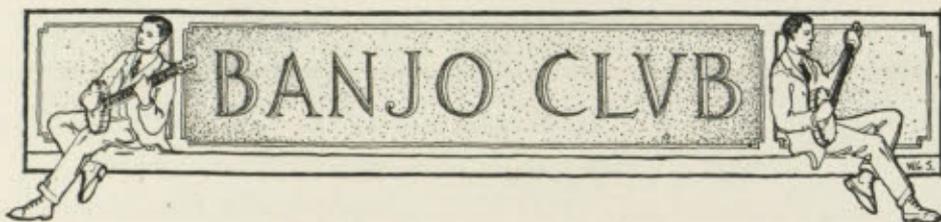
Hawaiian Quintette

CLARENCE W. HOWLETT, 1916
 KENNETH T. KING, 1915
 IRVING B. MCDANIEL, 1916
 ROBERT H. WELLS, 1918
 HERBERT C. WILLIAMSON, 1916

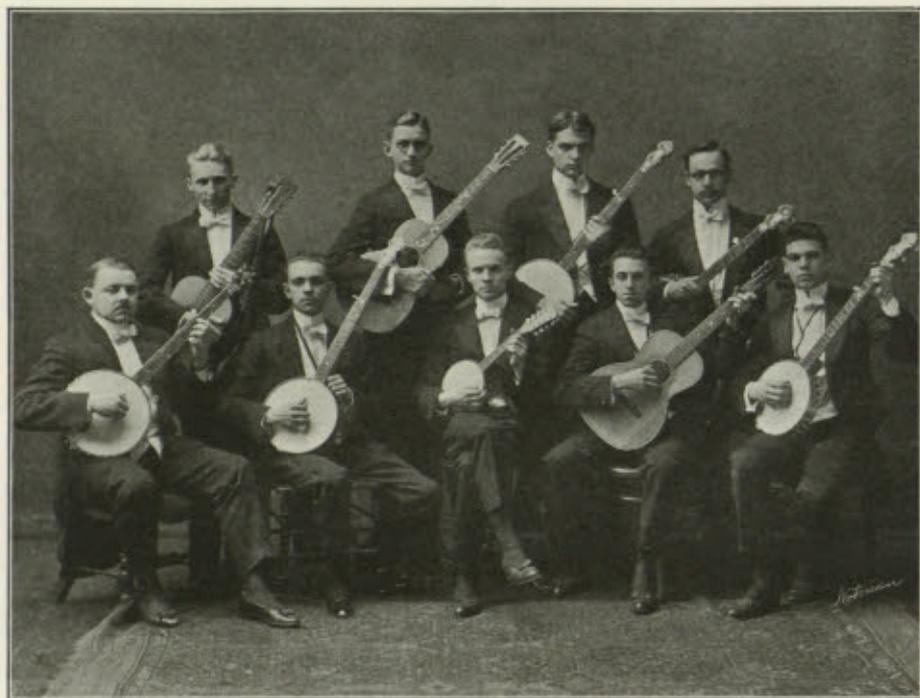
Instrumental Trio

EDWARD H. BARRY, 1916
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BANJO CLUB



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FRANCIS H. ACHARD, 1913

PHILIP G. WOODWARD, 1917

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GEORGE R. DURYEA, 1916

WENDELL B. FORD, 1917

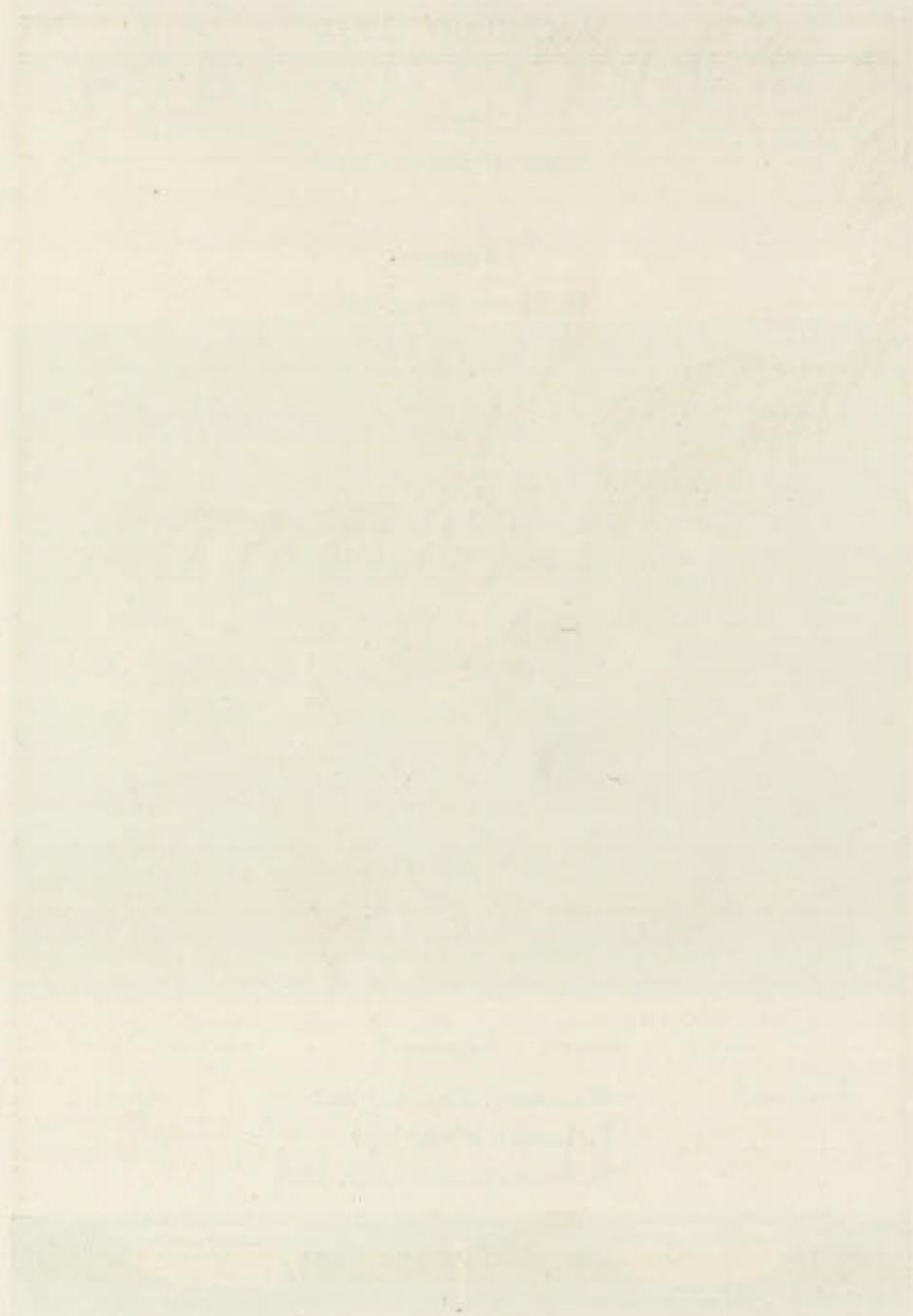
Guitars

WALTER J. BEADLE, 1917

F. LESLIE FORD, 1917

R. STEWART ROWLETT, 1916







JUNIOR PROM



FARTHING

EVANS

DEAN

PYLE

SULLY

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MONDAY EVENING, April 19, 1915

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1915

TECHNIQUE RUSH

1915



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GETTING A-CROSS



TECH SHOW

GETTING A-CROSS," the seventeenth annual Tech Show, is a two-act musical comedy by Irving Barry McDaniel, 1916. The scene is laid entirely in France, the show itself including a cast of twenty and a chorus of fifty. The style of the play is Cohanesque, with the music and dancing; it sparkles with life and action. The first act opens with a garden scene on the Riviera, near Nice, when the servants and the natives are preparing for their annual carnival or fête. General Pierre le Boob, a hero of the Franco-Prussian War, has come down to Nice solely for the festival, being not averse to pleasure. With him are his staff of officers and his daughter, Honorée, who has always been the pride of her father's regiment, and with whom all the officers are in love



The play might not have been written except for the fact that Bob Scott, a young Technology graduate, is also in love with her. He meets her during his travels in Europe, having gone there on a scholarship in architecture. Without waiting for an introduction, he accosts her and tells her of his love. Honorée, being just out of a convent, might have been persuaded to

elope, but her father tells them that only a man who has won the Cross of the Legion of Honor may marry her. Bob seems so hard hit by this that the general gives him a chance to win the desired





Countess de Parien, a free lance who is chaperoning Hortense, the girl with whom Reggy is in love. It couldn't be Colonel Greene from Kentucky!

The second act opens on the French border in the Alps. War has been declared between France and Germany, and the tourists are unable to return to the United States. All the hotel help has left to join the army. Such is the condition when Bob arrives to join the general and to return the papers. He and his servant, Useless, are obliged to act as waiters at the Inn, and many interesting complications arise therefrom. Bob is not aware that his papers have been stolen. He is in despair upon discovering the theft, but finally, through Colonel Greene's assistance, is able to recover them.

Bob receives the Cross of Honor and Honorée at one and the same time. Great was his surprise to find



that the plans had been in the hands of —, but why spoil the surprise? It all ends happily, and the tourists manage to "Get Across," and Bob also succeeds in "Getting A Cross."

Tech Show, 1915, intends to give five performances. There will be the usual Northampton and Malden trips, with two shows in Boston. The management was at first unable to secure the Opera House, so instead intended to give an afternoon show at the Shubert Theatre, and an afternoon and evening performance at Jordan Hall. At the last minute the Opera House was secured, and the usual afternoon and evening performances will be given there. As yet Providence is a doubtful proposition, but negotiations are still in progress.

SEVENTEENTH ANNUAL TECH SHOW, 1915

GETTING A-CROSS

A MUSICAL COMEDY IN TWO ACTS

BOOK BY IRVING B. McDANIEL, 1916

Lyrics by

IRVING B. McDANIEL, 1916
J. FRANK LESLIE, 1916
FRANK L. SURLS, 1915

EDGAR L. KAULA, 1916
KENNETH T. KING, 1915
EDWIN J. KINGSBURY, 1915

Music by

J. FRANK LESLIE, 1916
IRVING B. McDANIEL, 1916

EARL P. COLLINS, 1918
FRANCIS P. SCULLY, 1915

FRANK L. SURLS, 1914



TECH SHOW BOARD



WELLS KEENE EDDY LEONARD HUTCHINGS
 MAY WASHBURN ROBERTS HUNTER STEVENS VAN DA LINDA
 JONES WHITE COLEMAN LORD CARPENTER FLETCHER LUCAS

Management

<i>General Manager</i> , CHARLES R. LORD, '16	<i>Stage Manager</i> , CARUTHERS A. COLEMAN, '16
<i>Assistant</i> , LEE JONES, '17	<i>Assistants</i> { WILLIAM B. HUNTER, '17
	{ ROBERT H. WELLS, '18
<i>Business Manager</i> , CHARLES C. CARPENTER, '16	<i>Stage Director</i> , RUSSELL H. WHITE, '16
	<i>Assistant</i> , JAMES DE G. MAY, '18
<i>First Assistants</i> { C. H. M. ROBERTS, '17	<i>Publicity Manager</i> , E. W. VAN C. LUCAS, Jr., '16
{ HARRISON P. EDDY, '17	<i>Assistants</i> { RAYMOND S. STEVENS, '17
{ H. NELSON KEENE, '17	{ L. B. VAN DA LINDA, '18
<i>Second Assistants</i> { GEO. B. HUTCHINGS, '18	<i>Treasurer</i> , RALPH A. FLETCHER, '16
{ J. T. LEONARD, '18	<i>Electrician</i> , WILLIAM L. GRAVES, '16
{ F. A. WASHBURN, '18	<i>Property Man</i> , HIRAM Y. WATERHOUSE, '15

Alumni Advisory Committee

ALEXANDER MACOMBER
 EDGAR I. WILLIAMS

HAROLD KEBBON
 M. B. DALTON, 1915



MEMBERS OF THE CAST



BROWN FLETT SWAN WAITT WALLIS RENNIE WHITE ROBINSON
WILLIAMSON STAUB MCDANIEL OWEN KENNARD
GARDNER WOOD TARPLEY

<i>Captain Beaucaire</i>	RUSSELL H. WHITE, 1916
<i>General Pierre Le Boob</i> Who is visiting Nice during the Carnival with his daughter	IRVING B. MCDANIEL, 1916
<i>Honoré</i>	JOHN F. STAUB, 1915
<i>Bob Scott</i> A Technology graduate who has won a travelling scholarship to Europe and with him is his valet	HERBERT C. WILLIAMSON, 1916
<i>Useless</i> When they meet	JAMES M. BROWN, Sp.
<i>The Honorable Reginald Bransby</i> Although an Englishman he was Bob's room-mate at Technology. He and his dog	R. PARRY KENNARD, 1918
<i>Towser</i> Are at Nice on account of	W. A. WOOD, 1917
<i>Hortense</i> Who is chaperoned by the	KNIGHT B. OWEN, 1916
<i>Comtesse de Parien</i> Who has an affair with	J. E. WALLIS, Jr., 1917
<i>Colonel Greene</i> Of Kentucky who once went ten days without a drink. His travelling companion is	ROSWELL M. RENNIE, 1916
<i>Professor Cannum</i> A Professor at Technology who is the United States Representative to the International Peace Conference at Switzerland	ALDEN H. WAITT, 1915
<i>Hotel Clerk</i> Master of Ceremonies	LAWRENCE H. FLETT, 1918
<i>Alpine Guide</i>	L. A. SWAN, 1917
<i>Danseuse</i>	J. PAUL GARDNER, 1917
<i>Jacque</i>	CLARK S. ROBINSON, 1915

MEMBERS OF THE CHORUS



BELL CHECA GARDNER BROOKS LIEBENSBERGER
LANE HINE WOOTEN STEWART

DUDLEY E. BELL, 1917
PHILLIPS N. BROOKS, 1916
VICENTE C. CHECA, 1917
J. PAUL GARDNER, 1917
TREDICK K. HINE, 1916
JAMES C. WOOTEN, 1918

PERCY W. CARR, 1918
EVERETT S. COLDWELL, 1915
CLARENCE W. HOWLETT, 1915
WILLIAM R. McEWEN, 1915

PHILIP N. CRISTAL, 1917
D. G. BRADLEY, 1918
DINSMORE ELY, 1918
J. E. DOHERTY, 1916

LUDVIG T. BENGTONSON, 1915
WILLIAM S. FREETHY, 1917
V. L. HAFNER, 1916
W. C. McDONALD, 1916

LEONARD BESLY, 1916
RALPH F. BROOKS, 1917
THOMAS E. HANNAH, 1917
ALBERT C. LIEBER, 1916
L. H. LITTLEFIELD, 1917
H. H. WHITCOMB, 1915

Ballet

KENNETH M. LANE, 1917
M. C. LIEBENSBERGER, 1916
D. H. McLELLAN, 1917
HERBERT R. POLLEYS, 1918
LESLIE A. STEWART, 1918

Soldiers

BRUCE N. STIMETS, 1916
HENRY E. SCHABACKER, 1916
ALBERT S. THYBERG, 1917
EDWIN M. WOODWARD, 1917

Girls

C. WESSON HAWES, 1916
RALPH J. McFADDEN, 1918
ROBERT S. MEANS, 1918
ALFREDO DE ZUBIRIA, S. 1918

Waiters

HAROLD B. MORRILL, 1918
J. R. RAMSBOTTOM, 1917
CLARENCE L. SMITH, 1915
W. E. WESTWORTH, 1916

Tourists

J. G. McDougall, 1916
EDWIN M. NEWTON, 1918
HERBERT P. SWIFT, 1915
CHARLES P. WALLIS, 1916
GEORGE R. WHITE, 1918

TECH SHOW ORCHESTRA



Conductor

WILLIAM HOWARD

First Violins

BENJAMIN H. KERSTEIN, 1916
JULIAN C. HOWE, 1918
FORREST M. HATCH, 1917

LESLIE A. HOFFMAN, 1917
EDGARTON G. POLLEY, 1917
EDWARD E. FREEMAN, 1917

HERBERT W. ELLIS, 1916

Second Violins

E. RUSSELL HARRALL, 1918
ARTHUR J. MARSH, 1918

C. S. READ, 1918
PAUL McALLISTER, 1918

'Cellos

CECIL R. SEYMOUR, 1918
HERBERT MENDELSON, 1916

Clarinets

L. B. MILLER, 1915
FRANK S. GOVE, 1916

Flutes

EDWARD H. BARRY, 1916
EDWIN M. McNALLY, 1918

Cornets

FRANK D. CHANDLER, 1916
ROBERT F. GROHE, 1918

Horn

CHARLES W. FRY, 1915

Trombones

J. WORTHEN PROCTOR, 1917

STEPHEN R. HOLMES, 1915

S. T. HELSETH, 1915

Drums

PHILIP E. HULBURD, 1917
WALTER B. RIVERS, 1915

Piano

ALBERT J. TORNBY, 1917

Accompanists

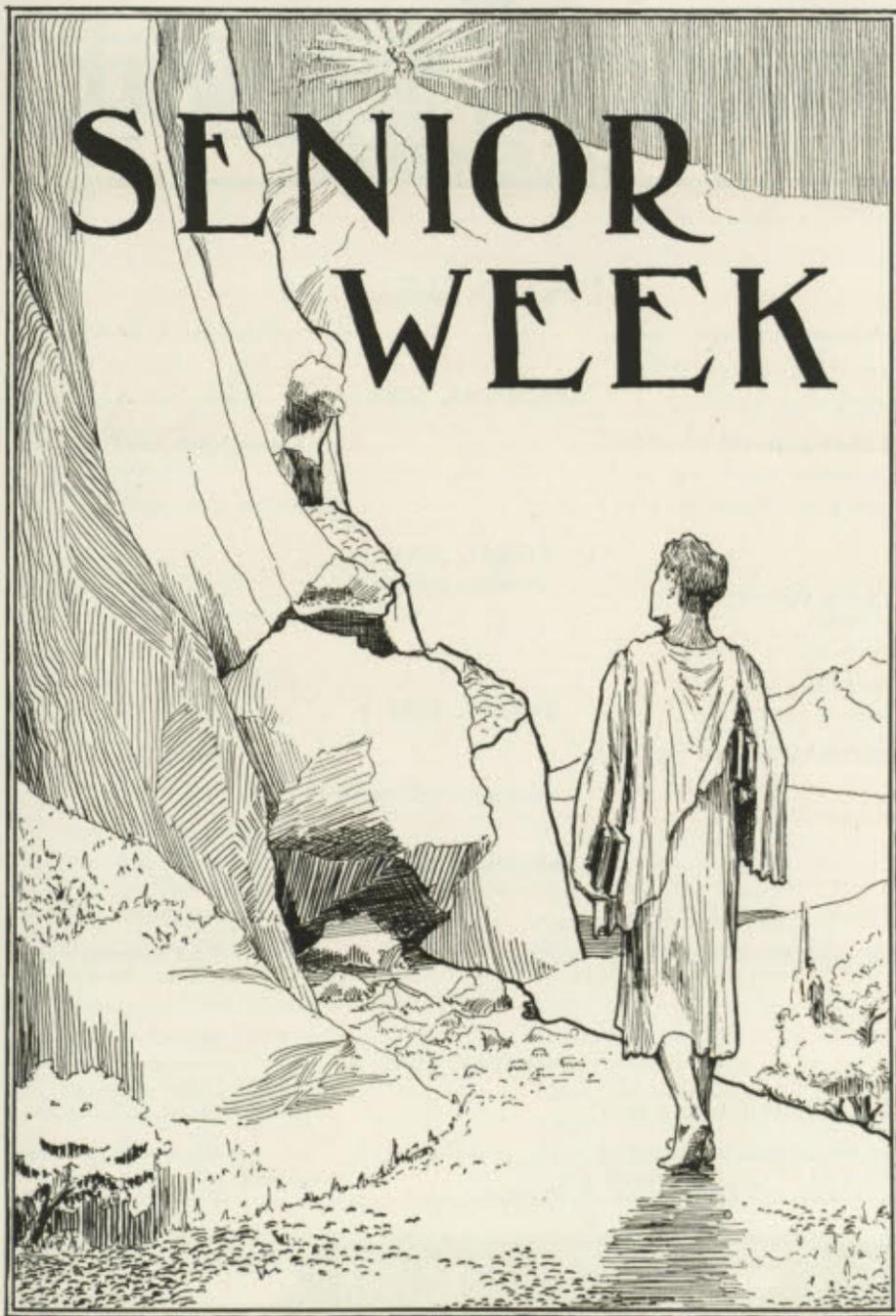
IRVING B. McDANIEL, 1916

WALTER B. RIVERS, 1915

EARL P. COLLINS, 1918



SENIOR WEEK





CLASS OF 1914

THURSDAY, JUNE 4

CLASS DINNER Copley Square Hotel, 6.30 P.M.

FRIDAY, JUNE 5

CLASS PICNIC Down the Harbor

SUNDAY, JUNE 7

BACCALAUREATE SERMON Trinity Church, 4 P.M.

MONDAY, JUNE 8

CLASS DAY EXERCISES Huntington Hall, 2.30 P.M.

SENIOR RECEPTION AND DANCE Hotel Somerset, 8 P.M.

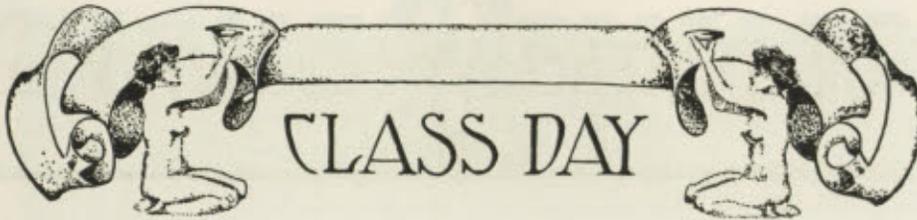
TUESDAY, JUNE 9

GRADUATION EXERCISES Huntington Hall, 2.30 P.M.

PRESIDENT'S RECEPTION Rogers Library, 4 P.M.

ALUMNI RECEPTION AT THE POPS Symphony Hall, 8 P.M.





Class Day Program

PRESIDENT'S ADDRESS	ARTHUR CALBRAITH DORRANCE
CLASS HISTORY	HOWARD LYONS STONE
CLASS STATISTICIAN	CHARLES PARKER FISKE
GIFT ORATION	HOWARD ARCHIBALD MORRISON
CLASS PROPHECY	RALPH DEWEY SALISBURY
FIRST MARSHAL'S ADDRESS	CHARLES EPHRAIM FOX

Class Day Officers

ARTHUR CALBRAITH DORRANCE	<i>President</i>
CHARLES EPHRAIM FOX	<i>First Marshal</i>
THOMAS JEFFERSON DUFFIELD	<i>Second Marshal</i>
THEODORE HERVEY GUETHING	<i>Third Marshal</i>

Class Day Committee

- | | |
|-----------------------------|------------------------------|
| GEORGE ALBERT BEACH | WALTER PARAMORE KEITH |
| CHAUNCEY DAVIS BRYANT | PHILIP EVERETT MORRILL |
| DONALD GIBBS CROWELL | CHESTER HOWARD OBER |
| ELMER ELLSWORTH DAWSON, Jr. | ARTHUR FRANK PEASLEE |
| ROSS HEWITT DICKSON | WILLIAM HENRY PRICE, Jr. |
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| THOMAS JEFFERSON DUFFIELD | RALPH DEWEY SALISBURY |
| CHARLES PARKER FISKE | LESLIE WHITMORE SNOW |
| CHARLES EPHRAIM FOX | HOWARD LYONS STONE |
| THEODORE HERVEY GUETHING | DAVID LEE SUTHERLAND |
| ADELBERT DELANO HILLER | VERNON MILES FRANCIS TALLMAN |
| JOHN WILLIS HINES | HOWARD WALCOTT TREAT |
| FREDERICK LEWIS HURLBUTT | ALDEN HARRY WAITT |
| JAMES MAYNE WHITE | |





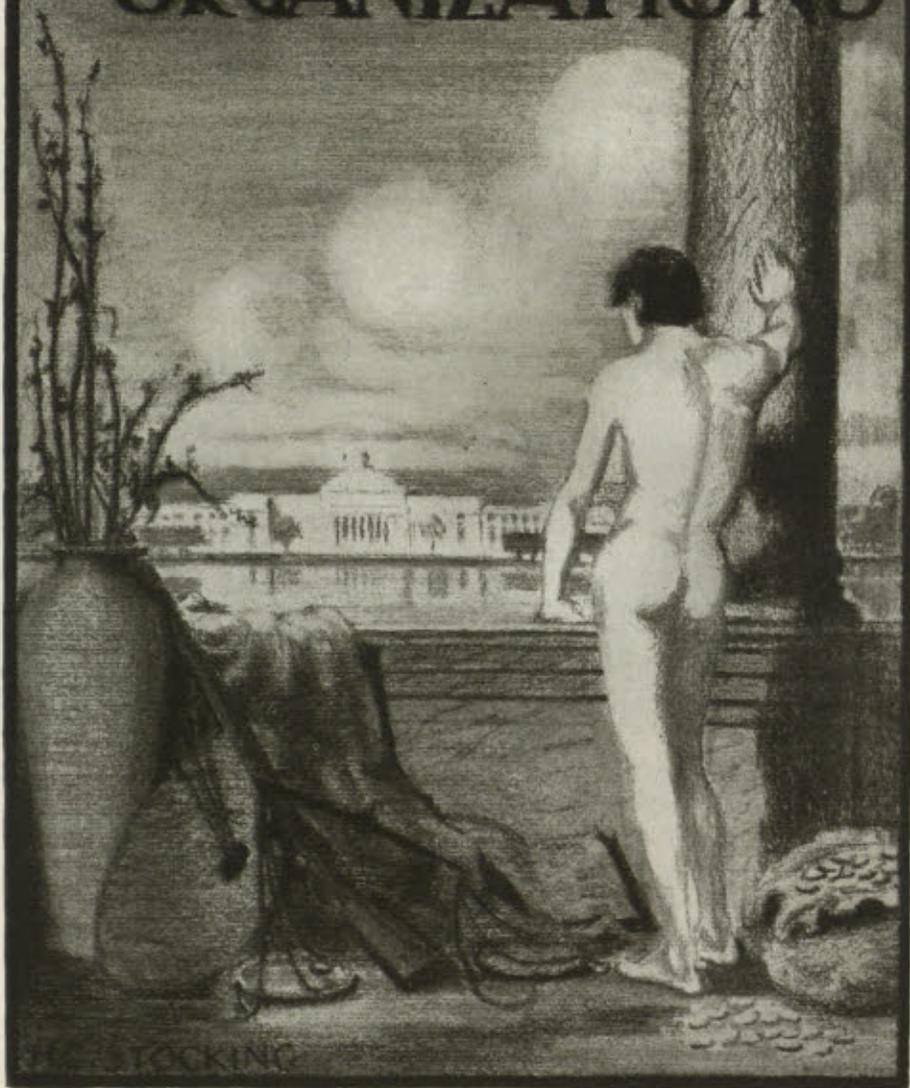
On June 9 President Maclaurin conferred degrees upon 311 students, 2 of whom received the degree of Doctor of Philosophy, 1 the degree of Doctor of Engineering, 24 the degree of Master of Science, and 284 the degree of Bachelor of Science.

The following representative theses were read:—

- | | |
|---|--|
| LEIGH SPAULDING HALL | Mechanical Engineering |
| Boiler Tests at the Edison Company's L-Street Station for Determining the most Efficient Handling of the Boilers for Peak Loads. | |
| CHARLES FRANCIS THOMPSON | Mining Engineering and Metallurgy |
| Concentration Test on a Telleride Gold Ore. | |
| LEICESTER FORSYTH HAMILTON | Chemistry |
| The Detection of Apple Waste Products in Cider Vinegar. | |
| HAROLD BOURS RICHMOND | Electrical Engineering |
| An Investigation of the Traffic Conditions on the Boston Elevated Railway System. | |
| ERNEST CHARLTON CROCKER | Electro-chemistry |
| The Depolarization of Cells of the Leclanché Type. | |
| CHARLES LEON COWLES | Biology and Public Health |
| A Study of the Lactose Bile Presumptive Test, and of Certain New Media for the Detection of the Colon Bacillus in Water. | |
| TURPIN HSI | Sanitary Engineering |
| A Design for a Water Supply for Duxbury, Massachusetts. | |
| CHARLES KIRK MCFARLIN, A.B. | Civil Engineering |
| An Investigation of the Water Supply Resources of the Passaic River Basin, with a Project for Supplying the Population of the Lower Passaic Valley. | |
| RALPH CONRAD GOETH | Architecture |
| A Design for an American Embassy in Rome. | |
| ROSS HEWITT DICKSON | Chemical Engineering |
| The Heat Transmission Capacity of a Muffle Furnace. | |



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1917

WALTER HARRINGTON
STANLEY COVERT DUNNING
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1916

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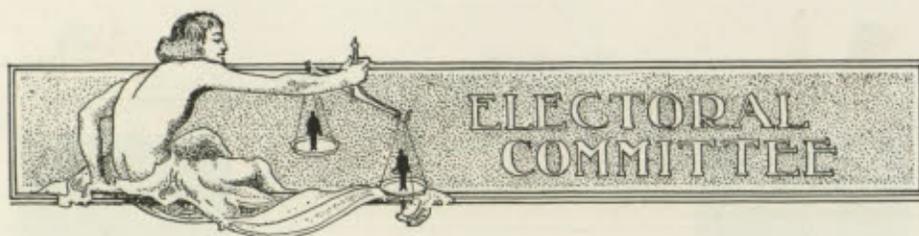
1918

OTTO CARL LORENZ
DONALD GEORGE BRADLEY
LEO STANISLAUS BLODGETT

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THEODORE FRANKLIN SPEAR	Chemical Society
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GUERNSEY AARON PALMER	M. E. Society
HENRY BRADBURY SHEPARD	Musical Clubs
CHARLES ROGERS LORD	Tech Show
CHARLES WHEELER LOOMIS	TECHNIQUE
THEODORE CARTER JEWETT	TECHNOLOGY MONTHLY
CHAUNCY HILTON DURKEE	T. C. A.
ALDEN HARRY WAITT	THE TECH
CHARLES ALBERT BLODGETT	Union Committee





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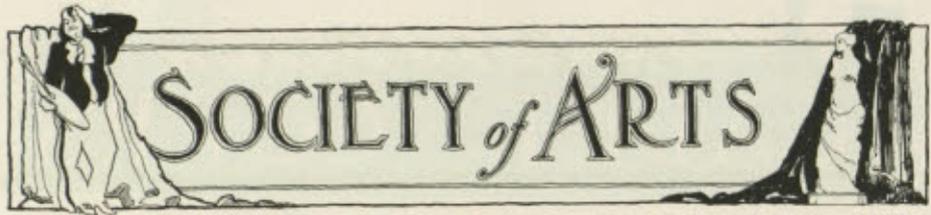
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1915

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PERCY M. WERLICH

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1916

SAMUEL M. FOX, JR.

STEVEN R. BERKOWITZ

1917

LINWOOD I. NOYES

PAUL G. WOODWARD





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<i>Vice-Presidents</i>	{ WALTER H. KILHAM, 1889 MORRIS KNOWLES, 1891 JOHN L. MAURAN, 1889
<i>Secretary-Treasurer</i>	WALTER HUMPHREYS, 1897
<i>Field Manager</i>	I. W. LITCHFIELD, 1885

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JAMES F. McELWAIN, 1897	WILLIAM K. LEWIS, 1905

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FRANK A. MERRILL, 1887	RAYMOND B. PRICE, 1894
GEORGE C. WHIPPLE, 1889	WILLIAM D. COOLIDGE, 1896
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1870, E. K. TURNER	1886, A. A. NOYES	1902, F. H. HUNTER
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1882, JAMES P. MUNROE	1898, SETH K. HUMPHREY	1914, CHARLES PARKER FISKE
1883, HORACE B. GALE	1899, H. J. SKINNER	



GRINDS



F. Fulton



Get out the good old grindstone,
Grind till the red sparks fly,
Till the blade is keen with a deadly sheen,
For somebody has to die!
Somebody needs a lesson;
Come, let's up and do it,
A shot at your fame with a deadly aim
Right where you wear your Cluett.

Somebody may be a classmate,
Somebody may be a prof.,
May be a friend since time without end—
But here's where friendship gets off.
Do as you would be done by,
Since others will do the same;
Don't be blue if we get to you,
It's all in the rules of the game.

Pick out a foe and pan him,
Ditto, and more, to a pal;
It's all very shocking, of course, this knocking,
But healthy and rational;
Never mind about manners,
Never mind about facts,
Never mind, but creep up behind
And give him the axe, the axe!

FR IEN DS



"HELLO, operator."

"Brookline, 22859."

"Bo Africa, please."

"Hello, Bo? Technique 1916. Er, we have a rather delicate picture of you. Oh, you know the one. Blackmail?—No. Oh, you say the 'girl' is Staub, '15. So long."

DOW—"Here, waiter, are these lamb or pork chops?"

WAITER IN UNION—"Can't you tell by the taste?"

DOW—"No."

W. IN U.—"What difference does it make then?"

DUGGAN (seeing "La." on suit-case)—"What's that stand for, Los Angeles?"

GRINDS



YOU can see for yourself that Roper is all “stuck up” over catching that porcupine at Summer Camp.

PROF. DEWEY—“Governments have taxed a great many things. Once we had a chimney tax and a window tax.”

SULLY—“Did they ever have a carpet tax?”

MERRITT—“I wish that I had never learned to smoke.”

MORRISON—“What’s the reason?”

MERRITT—“Why, it would be so much easier to swear off now.”

POSING? Oh no, they are naturally that way. To be sure, they have on their Sunday clothes.



GRINDS



COPLEY SUBWAY STATION AT 10 O'CLOCK



GRUNDS



WHY THEY FLUNK PHYSICS

HILL—"What is Lenz' Law?"

GRAVES—"I don't know. I never knew much about optics."

MELLEN (in Mac's)—"Give me ten cents' worth of phys. lab. paper, please."

FAIR CLERK—"Yes, sir."

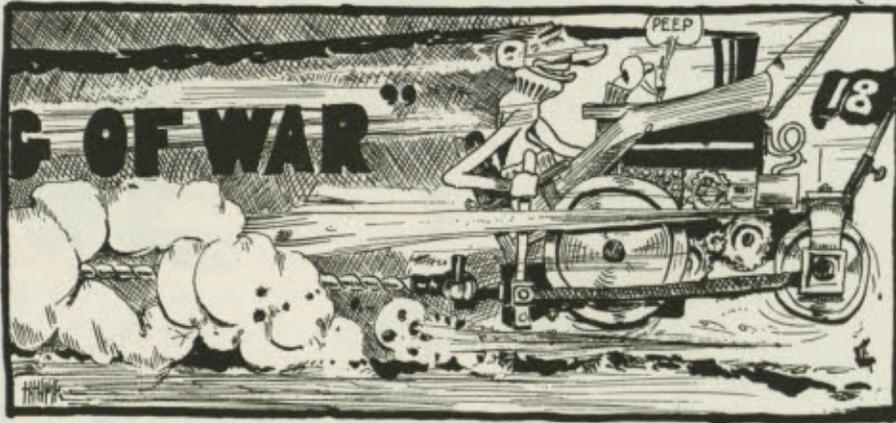
MELLEN—"How much is it?"

FAIR CLERK—"Twenty cents, please."

NO, THEY GET IT FROM JAPAN, "KEM."

DEAN (in a Tennessee coal mine)—"Do you use your own coal in your engines?"

GRINDS



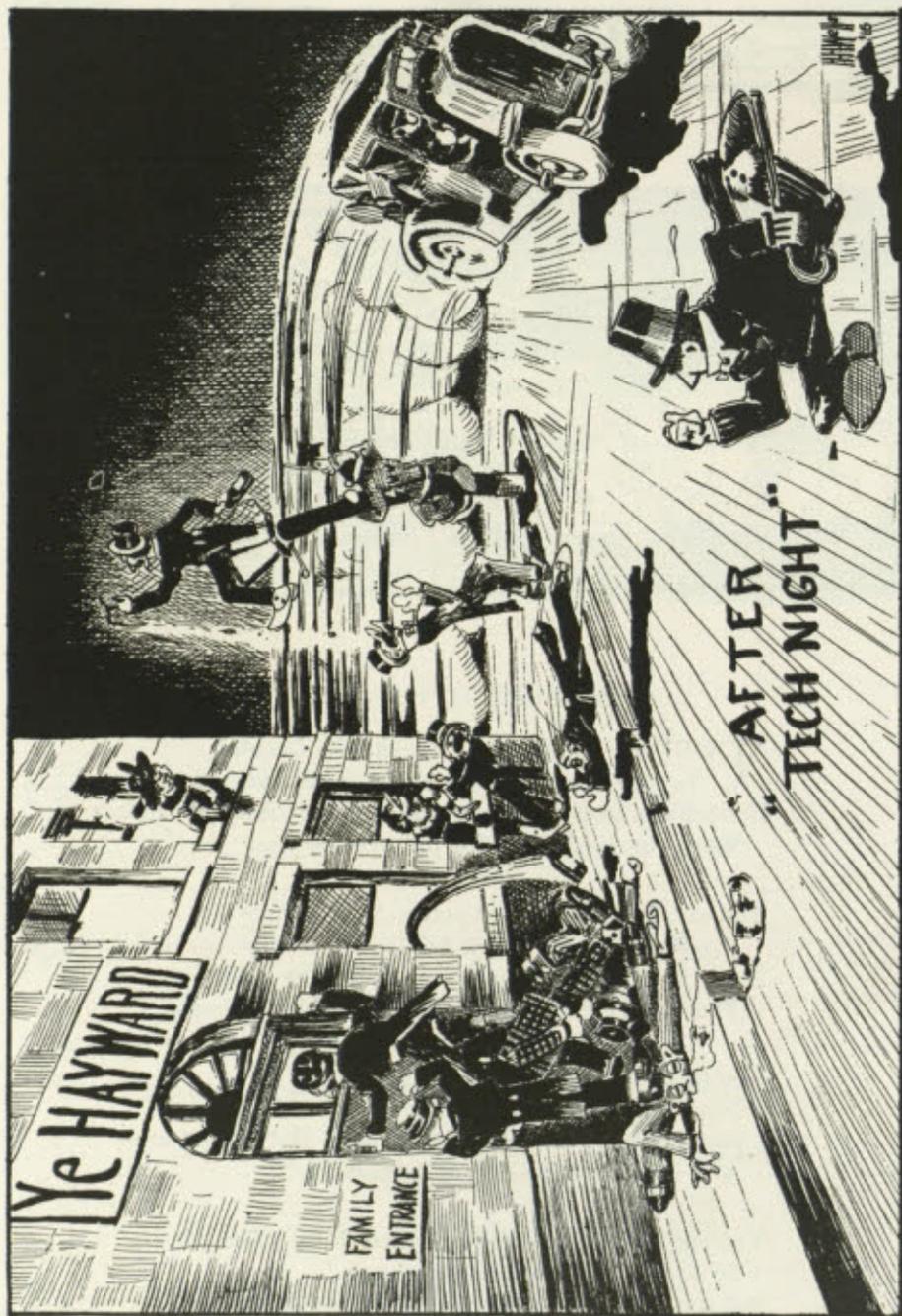
APPROACHING THE LIMIT

THEY say to get angry is quite detrimental
To health, self-respect, and your character, too;
But tell me, dear Studes, could you be sentimental
When this kind of stuff is put over on you?

“You say, Mr. Blank, that you go to the 'Stute
In old Beantown—Now tell,
Don't you think Harvard men are awfully cute?”
You answer quite softly, “You're right, cuteasell.”

“You go to the Tech in Boston, you say;
Now tell me a little bit more—
I suppose that your school is out John Harvard's way—
And—what college does it prepare for?”

You can't blame the dears, they try to be wise;
So don't grab them all by the neck.
But the Lord help the guys with the barber-pole ties
Who say, “Harvard has now absorbed Tech.”



GRINDS

WHAT! Do you mean to say you don't recognize Miss Walker? You say eastern style becomes her more and,—quite so—we agree with you."



DUFF—"My mother wouldn't like it at all if she knew I was here. She thinks dancing is a terrible sin."

SHE (soothingly)—"Don't worry, she wouldn't know you were dancing even if she saw you."

SPENGLER (after breaking a thermometer)—"Phys. lab. will have to take the temperature as it comes now."

BENNETT—"Do you think I can run better with my belt off or with it on?"

PYLE—"Well, let me see. Are you a generator or a motor?"



GRINDS



NO, girls, you are wrong. This is not the original model for "September Morn." Here we have none other than "Monsieur" Berrigan posing for his picture at Summer Camp.

PROF. GUNN (in Industrial Hygiene)—"Among the more common industrial diseases may be mentioned 'Painter's Colic,' 'Hatter's Shake,' 'Tinker's Paralysis,' and 'Phossy Jaw.'"

GEER—"Should not this list also include the 'Barber's Itch'?"

FARNSWORTH (in Physics class, discussing complementary pigments)—"Why is it that, when you get hit in the eye, you can see all the colors?"

Mr. WASBURN—"That is not a question of colors, it is a question of momentum."

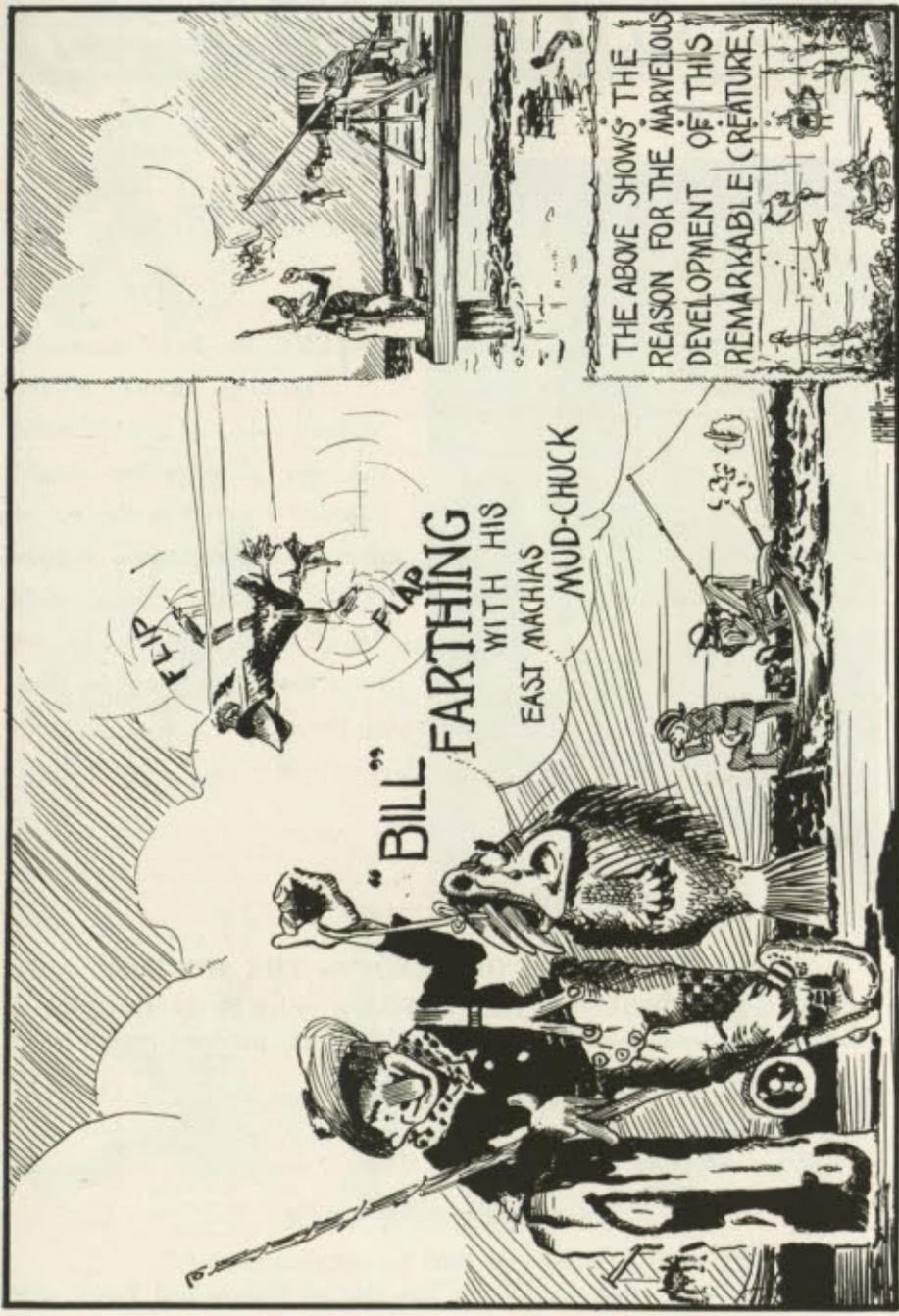
HANDS—"I can't get these shoes on. Get a half a size larger."

INSISTENT SALESMAN—"No, no. You'll be able to get them on after you have worn them a few times."

Boston American. February 2.

NOT ITCHING TO WRESTLE TECH.

The Collegiate Union of Federated Wrestlers refuse to allow their members to wrestle the Technology Team, claiming that they are "scabs." On being interviewed by a reporter of the *TETCH*, Eczema Crowell, leader of the Tetchitchy aggregation, said, "I refuse to make any statement on the grounds that what I say might contaminate me."



"BILL" FARTHING
WITH HIS
EAST MACHIAS
MUD-CHUCK

THE ABOVE SHOWS THE
REASON FOR THE MARVELOUS
DEVELOPMENT OF THIS
REMARKABLE CREATURE.

GRINDS



HERE we have enacted a thrilling drama of the Maine woods. At great personal risk our photographer caught "Brute" Crowell in the act of plunging his murderous weapon in the crouching Smith, while "Rog" Lord shows by his actions that he is about to clean up the crowd.

TO SAY NOTHING OF NEEDING THE DOCTOR

"BILL" FARTHINGS' LATEST—"Why is eating at the Union like a doctor's business? Because you need lots of 'patience' to succeed."

MCSWEENEY—"I see a great many opera stars are serving with their countries in the war."

REED—"Yes, they are now shooting stars."

52 WEEKS IN A YEAR

ROWLETT—"Prof. Miller gets \$500 for one consultation."

KRUG—"Huh, that's nothing. The chef at Durgin and Parks' gets \$30 a week."



WHY NOT SUBSTITUTE THE FOX-TROT FOR GYM?

GRINDS



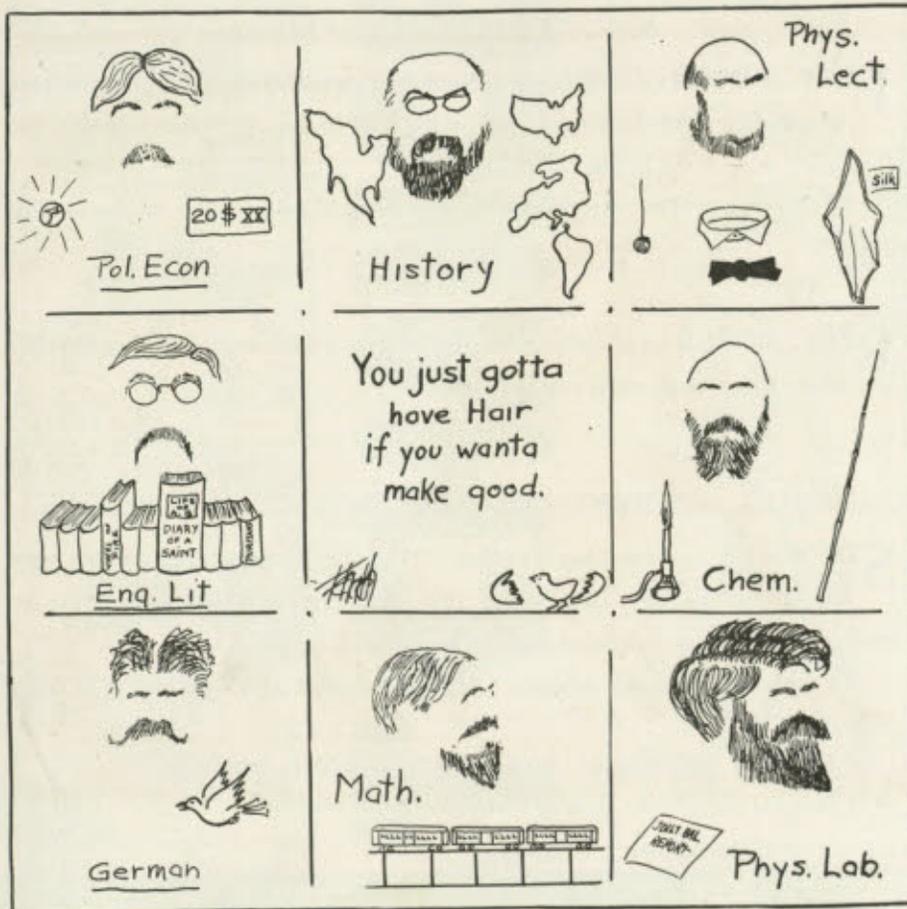
"RUSTY" WHITE—"Some tea, eh what?"
"DON" McRAE—"Yeh, damfine hog-wrassle."

J. WOOD (after receiving a "theoret" exam paper)—"The fellow who marked these exams runs a vaudeville circuit."

BYRNE—"How's that?"

J. WOOD—"His name must be 'Marcus Loew.'"

GRINDS



PROF. CROSS, in Physics lecture, says, speaking of the total reflection of light from the surface of water, "Imagine a person under the surface of the water; a fish, for example"— In a recent interview, Prof. Cross said that he agrees with Julia Sanderson that "you never can tell." Consequently, when he expects to lecture on Gravity, he always drops a weight on the floor before the lecture to make sure that the force is still on the job.

GRINDS

MAC, "GETTING IT ACROSS"

PROF. JOHNSTON (discussing combined strusses)—“Now take the case of a hook. Overlooking a slight error due to the curvature of hook, the formula $f = \frac{P}{A} \pm \frac{M}{I} x$ holds.”

McDANIEL—“Do you mean to say that Hooke's Law holds in this case?”

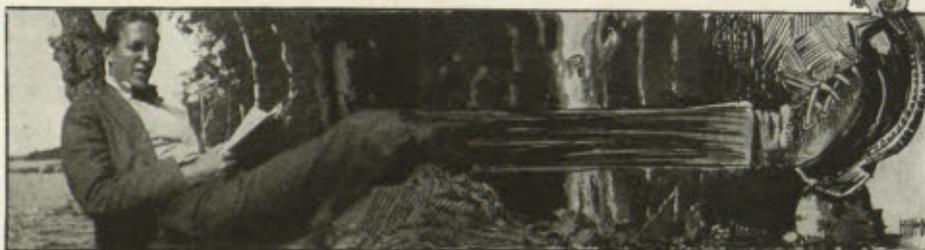
PROF. MOORE (multiplying two by two on a slide-rule)—“Three, point, nine, nine—well, we'll call it four.”

CAUSTIC COMMENTS BY THE ENGLISH DEPARTMENT

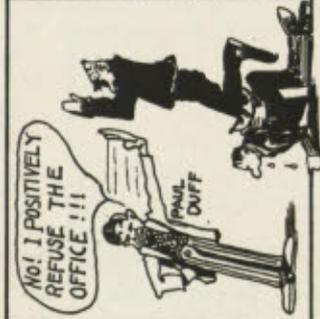
STUDENT'S comment on Fielding—“Fielding's work is apparently very similar in character to Arnold Bennett's books, which are finding so much favor among intelligent novel readers of to-day.”

To which Arlo kindly added: “*About as similar as a diamond is to bottle glass.*”

“*The word [referring to “intelligent”] is rather sweeping; or it puts me outside the class of intelligent novel readers.*”



YOU SURE HAVE TO HAND IT TO "BRAD"
HE'S THERE WHEN IT COMES TO LENGTH



FAT CHANGE



GRINDS



"THE apparel oft proclaims the man," but not in this case. We know "Ban" too well. The picture, however, shows the possibilities of a T-square, a "Cambria steel," an initiation robe, a sheet, and a saintly face.

HOWARD (in Applied)—"About which diameter of a circle do you take the axis for the moment of inertia?"

PROF. SEDGWICK—"Gentlemen, the course is over, and the examinations are in the hands of the printer. Before closing, are there any questions you would like to ask?"

TOBEY—"Yes, sir. Who is the printer?"

GRAFF—"Say, 'Bob,' how do I look in a dress-suit?"

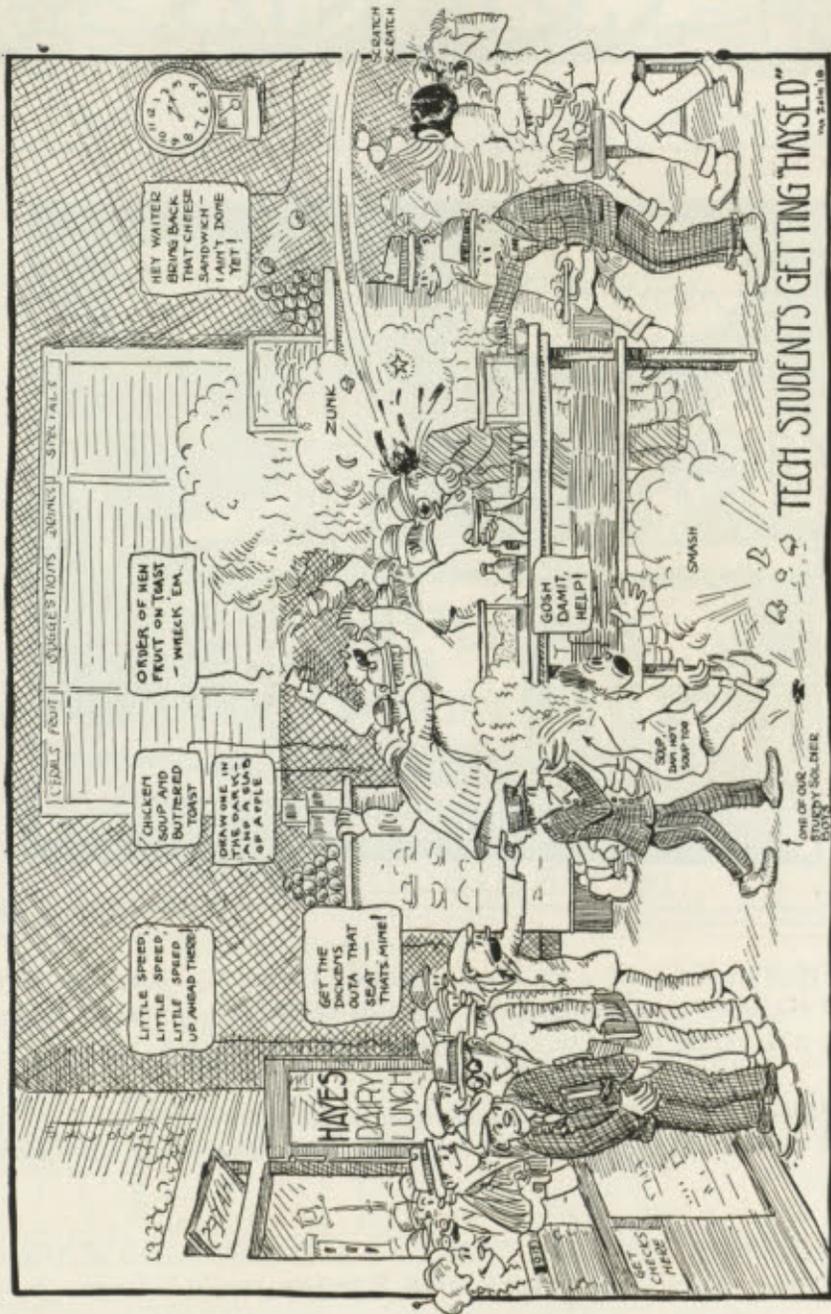
DIEMER—"Fine. Why don't you get one?"

Lexicographical Freaks

ONE finds curious things in dictionaries. In the Century Dictionary, for example, Nancy Hanks is entered under "N", and described as "a fast American trotting mare". You say to yourself, "The real Nancy Hanks will be under 'H'". What an interesting distinction!" But there is no Nancy Hanks under "H", though one finds on the page H- described as "mother-Samuel".

W

From "Life," January, 1915



TECH STUDENTS GETTING 'HAYSED'

NO. 2445-19

ONE OF OUR STUCKY SOLDIER BOYS

LITTLE SPEED,
LITTLE SPEED,
LITTLE SPEED
UP AHEAD THERE!

GET THE
DICKENS
OUTA THAT
SEAT
THATS MINE!

ORDER OF MEN
FRUIT ON TOAST
- WRECK EM.

CHICKEN
SOUP AND
BUTTERED
TOAST

DRAW ONE IN
AND A SAND
OF APPLE

HEY WATER
BEING BACK
THAT CHEESE
SANDWICH -
I AMY I DOME
YET!

ZUNK

GOSH
DAMIT,
HELP!

SMASH

SOUP NOT
SOUP FOR

WATCH
THE WATCH

CEREALS / SOUP / QUICHE'S TOUITS / JUNKIES / STEAKS

HAYES
DAIRY
LUNCH

GET AS
CHECKS
HERE



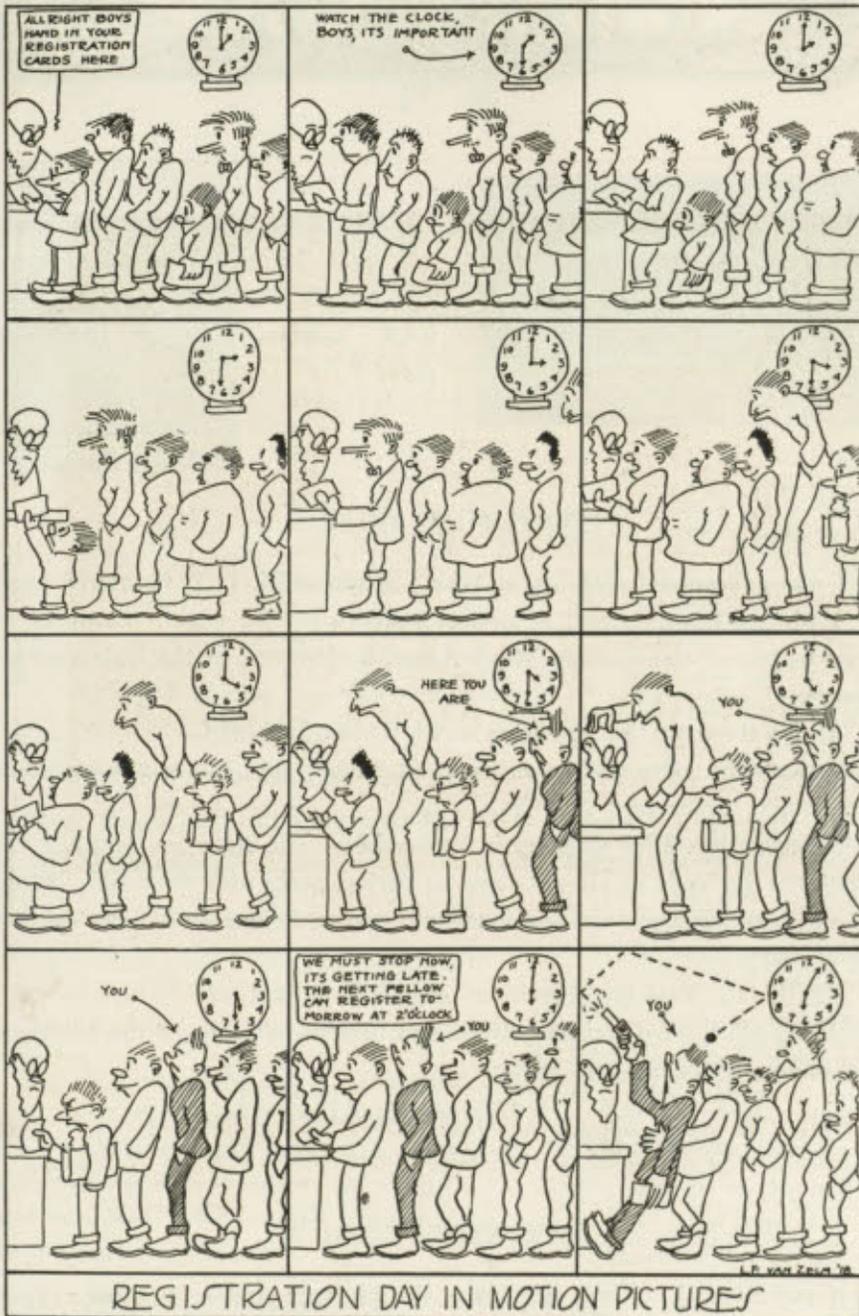
GRINDS



CHAPMAN is just a bit absent-minded. He left his room in a hurry the other morning, and, thinking that he had left his watch behind, took it out of his pocket to see if he had time to return for it.

HINE—"How did the first spider learn to make a web?"
EVANS—"That's easy. By crawling over one of those d— steam charts."

PROFESSOR RUSSELL—"Why is the water at the bottom of Niagara Falls so green?"
HOWLETT—"Well, I suppose that it is because it has just come over."



GRINDS



THIS is to introduce A. E. Keating. "Why, Girls—not so loud. Ssh, you might wake him—and besides 'handsome is as handsome does.'"

PERPETUAL MOTION

IT was a beautiful morning in June. A son of M. I. T. sauntered carelessly up Rogers steps, at perfect peace with the world. Stopping in front of one of the spacious study-rooms, he inquired of the instructor-in-charge,—

"Is this the room the 'Precision' exam is to be held in?"

At an affirmative nod he entered and, sinking into one of the luxurious arm-chairs, commenced to write.

It was a beautiful morning in September. The same son of M. I. T. sauntered carelessly up Rogers steps, at perfect peace with the world. Stopping in front of one of the spacious study-rooms, he inquired of the instructor-in-charge,—

"Is this the room the 'Precision' exam is to be held in?"

At an affirmative nod he entered and, sinking into one of the luxurious arm-chairs, commenced to write.

(To be continued.)

LIVE WIRES, "MAC"?

MACERLICH—"Girls nowadays should wear rubber clothing. They wouldn't be so shocking."



BEAR AND FOREBEAR

BY GEORGE BARR McCHAMBERS

Author of "Travelogues of Foreign Countries, Malden, Winthrop, etc."

ILLUSTRATED BY CHARLES DANA FLAGG

EDITOR'S NOTE.—We call no particular attention to these stories by Mr. McChambers. His writings have been obtained by us and a thousand other publications at a ridiculously low price. Mr. McChambers has about as much chance for success as the Summer Camp crowd has for failure at a class election. He combines the humor of THE TECH with the pathos of the TECHNOLOGY MONTHLY. Can more be said? We strongly advise you to miss these stories.

"RUSTY," "Mase," and "Mike," rough and daring woodsmen all, went hiking. As they sauntered through the leafy aisles of the forest primeval, they laughed merrily, like little children. The day was fine, the verdant forest beckoned in a thousand different ways, and school was done until 7.45 on Monday.

"Huzza," cried "Rusty," "what could be finer than this!"

"Huzza," echoed "Mase" and "Mike," "what indeed!" Care-free, indeed, were they.

Suddenly, without premonition, an awesome sound burst upon them. A muffled bellowing reverberated through the dense forest. Not far from the



"BEAR," THEY EXCLAIMED IN UNISON

trail the underbrush was being threshed to pieces by some animal rapidly making its way towards them. Just one differential particle of time did they hesitate. "Bear," they exclaimed in unison. Then they fled. Fear lent wings to their anxious feet. The eternal characteristic, self-preservation, was dominant. "What," thought "Rusty," "will this lunch in my pockets be to me if I am lunch for a bear?" Through the potato fields, over the rise, into the baseball amphitheatre, they raced.

Through the vast concourse that was watching the game, they dashed straight to the Dean. "Professor," they gasped, "we've just escaped being devoured by a bear." And then, overcome by their supreme efforts, they sank to the ground exhausted.

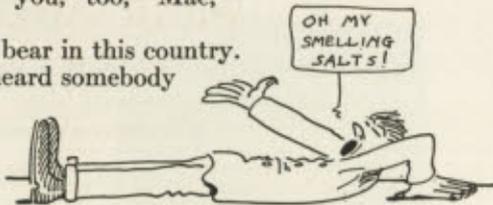
Several minutes after, there emerged from the self-same woods three more hikers, "Obie," "Ralph," and "Perc."

GRINDS

"Good afternoon, gentlemen, and you, too, 'Mac,'" greeted "Obie."

"Behold in me the finest, noisiest I'll bear in this country. Listen! About a half an hour ago we heard somebody coming along the trail. I flopped down in the bushes, rolled around, and bellowed. Well, say, you oughta—why, what's the matter with 'Rusty'?"

"My smelling salts," gasped "Rusty" before he swooned away.



"MY SMELLING SALTS," GASPED "RUSTY"

"GOING OUT"

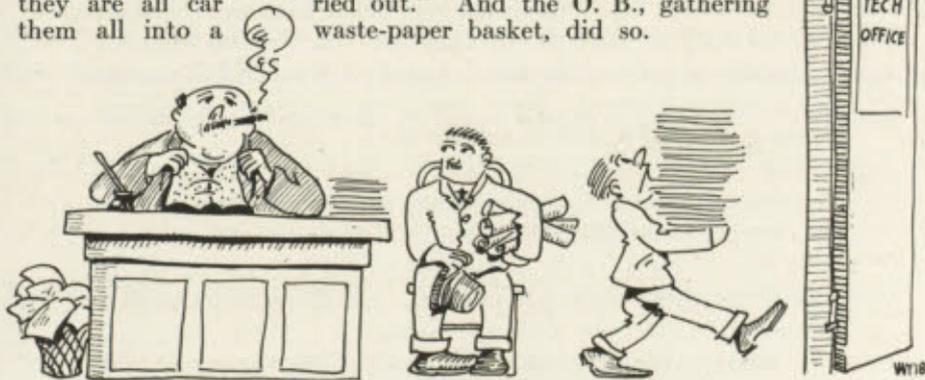
LET us admit, right at the start, that "Fanny" is some journalist. Of course, his particular field is communication writing and editorials, in which he demands that the invisible forces that are swaying the affairs of Institute activities be abolished, and that a new order of righteousness be established—but still, he is some journalist. No, Alice, it is not temperamental twaddle that actuates "Fanny." No, No, that's unkind.

However, to get to the point. "Fanny" thought that the Editors of THE TECH did not know their job, so he went to see them one day. Bravely he walked into the sanctum sanctorum of the Managing Board, and bearded the General Manager in his den.

"Please, sir, I have here a list of suggestions which I consider THE TECH had best adopt," purred "Fanny," in his sweetest manner.

"Hm-m, let's have it," remarked the G. M., as he pushed a button for the office boy.

"Here," said the G. M. to the O. B., "are a number of directions for the best way to run a newspaper. See that they are all carried out." And the O. B., gathering them all into a waste-paper basket, did so.



AND THE O. B. DID SO



A JUNIOR'S DREAM—EXAM TIME

No stiff cuffs, cribs, or papers, except those secretly slipped by the examiners in charge, should be in the possession of students during the examination (History I and II excepted). If brought into the room for any reason, they must be carefully concealed and used only with the greatest discretion.

APPLIED NONSENSE (1916)

1. From the data in the preceding problem, calculate the velocity of Nancy Hanks' lectures, titrating your answer to a faint pink with a precision .0001% parts per million R. P. M. per calorie per degree.

2. A beam is loaded with a perfectly terrible load. Give a graphic representation of any alcohol (the author is personally acquainted with Ethyl, so go easy), and derive the number of reels necessary to show two feet of "Fat" Renny.

3. If Pearl White steps into a high(ed) auto eight times a day in the movies at the St. James, calculate (a) what would be the increase in the strain on the beams; (b) what would be the decrease in attendance at afternoon classes. Integrate your answers between the limits, goodness—gracious.

4. If two more co-eds like Miss Walker entered the Institute, (a) plot a curve showing increase in total registration, (b) write a theme proving that Tech should not be co-educational. (Problem impossible, student please omit.)

5. On the assumption that you do not sleep in Physics lectures, prove that THE TECH should come out on Tuesday, Thursday, and Saturday (if those are the days that you have the lectures). Calculate the price of leather arm-chairs for 22 Walker (assuming a full attendance). Show clearly that you were not absent when so reported (truthfully or otherwise).

6. Study the reaction brought about by equal parts of 'arvard and Tech. If they combine, what will be the speed of reaction and what will be the result? If the reaction is an explosive one, calculate (a) the pressure on two inches of bone, (b) the disturbing effect on a cup of pink tea. (In this problem, student should make use of the Mass Action theory.)

Students are expected to do seven of the above problems. Course IV men not expected to show intelligence.

GRINDS

"CARUTHERS" WINS BIG CONTEST

TECHNIQUE 1916 announces that Caruthers Coleman has been the successful contestant in our recent Picture Title Contest. Several weeks ago we stated that, if nobody sent in a title to the accompanying picture, which was sufficiently deserving in the minds of the judges, the prize would go to some worthy cause. We are glad to announce that the judges awarded the prize to "Charity."



"FAITH, HOPE AND CHARITY"

CHARLIE FRY (on an E. C. & A. trip to the Art Museum)—"Ah—Prof. Sumner, did you say that you could read some of those Egyptian inscriptions over there?"

PROF. SUMNER—"Brrrrrr—Ahhh-errrrr, I have never made any extended study of the subject; in fact, I don't know any reason why I should. However, if you wish to delve into the matter I can refer you to the front of Karl Baedeker's guide-book to Egypt, which will give you the more common of the hieroglyphic symbols, or, if you wish to make an extended study of the subject, I can refer you to other standard authorities on Egyptology."

MR. PHELAN (in chemistry recitation)—"Most all inorganic chemical changes are ionic."

VAN ZELM—"Aren't any of them ever Doric or Corinthian?"



ANYTHING FOR A PUN—EH, PIRATE?

PROF. PORTER—"Now, Mr. Rooney, what would you call a man whose business it is to construct sewers and garbage disposal plants?"

ROONEY—"Well, I suppose he would be called a 'connoisseur.'"

J. FREEMAN (trying to speak his best German in a city abroad)—"Could you tell me the way to the station?"

NATIVE—"Shorry, shirr, I can't. I'm drunk, too."



WE admit that Women's Suffrage is growing by leaps and bounds, and that more and more the gentler sex (Cora Livingstone excepted) is assuming the responsibilities of men. We regret exceedingly that they should also assume our vices. They have at last descended (or ascended, as you please) to our level—else why the tailpiece to the Cleofan page in *TECHNIQUE* 1915? Again let us reiterate, we regret it—we hate to see a woman smoke a pipe.





WANTS NO KEG AS THIRD BASE MARK

WE agree with the Rev. Persons. A keg should not be on third base. No, sir; the logical place for that keg is at home-plate, so you can tap it even if you strike out."

"Boys should get plenty of outdoor life and should indulge freely in athletic sports, but not of a kind similar to the baseball games where a keg of beer marks third base," said the Rev. Silas E. Persons of Cazenovia, N. Y., at the Country Church conference in Pilgrim Hall yesterday.

Evidently Mr. Persons has heard, and disapproves, of the reputed methods of exhibiting the national pastime as practiced by the editorial boards of two college publications which figure in the undergraduate life of a university not 1000 miles from Park street.

"Boys should play games with nerve, skill, courtesy and the desire to keep sportsmanship dominant," Mr. Persons continued. "Fair play in sports may will be the better in

which is provided
and card
"

"PHONEY" MEN AT THE 'STUTE

EXTRACT FROM "THE TECH," OCTOBER 15, 1915—"Will the fellow who got the nickels from the Union 'phone, please bring back the machine."

OUR PAUL MAKES A SPEECH

FOR years and years—eh, that is, for several years, scores of us, nay hundreds—I should say, several of us have heard the call of the water. We want a crew that"—etc.

YES, indeed, "Red" Waterman is a frequent church-goer. Last summer, seeing his father get up and leave the pew right after the sermon, "Red" picks up his hat and follows him. How should "Red" know that his father was simply going to pass the contribution box?



AT REGIMENTAL INSPECTION

INSPECTOR (stopping before "Ham" Wood)—"Ever do any shooting?"
WOOD—"Yes, sir."
INSPECTOR—"Ever shoot this gun?"
WOOD—"No, sir."
INSPECTOR—"Ever shoot a 'thirty'?"
WOOD—"No, sir."
INSPECTOR—"Ever shoot a 'twenty-two'?"
WOOD—"No, sir."
INSPECTOR—"Ever shoot a shot-gun?"
WOOD—"No, sir."
INSPECTOR—"What did you shoot?"
WOOD—"A revolver, sir."
INSPECTOR—"What scores did you make?"
WOOD—"Don't know, sir. I used blanks."

*Lee, Mass.,
Feb. 1, 1915.*

*To Editor of Tech,
Boston, Mass.*

Dear Editor:

*Will you please send me a copy
of the last issue of Tech for which I
will in return send you a copy of
the paper of Lee High School, The Comet.*

*Thanking you in advance for your
favor. I remain*

*Yours truly,
Florence Blake
Asst. Exchange Editor of Comet*

*Would love
to Florence, but
we always exchange
pictures first Ed.*

SUCH IS FAME

DR. COMSTOCK (in a physics recitation)—"For what is Rumford famous?"

McLAUGHLIN—"Why, because his name is on the Rogers Building."

FAIR ONE—"Did you ever get a college degree?"

WEBSTER—"No, but I received many a 'third degree' at Tech."

GRINDS

CALENDAR

- S**EPT. 19—Business of giving the "Frosh" the "O.O."
24—Registration begins. Major Cole seen registering startling Co-ed.
25—Major Cole becomes extremely popular.
26—Ten men shift to Mining.
28—'Stute opens. Everybody vows to start the year with hard work. No one attends classes.
- Oct.** 10—The Freshmen have record attendance at their class dinner, and enliven Boylston Street afterwards.
5—"Follies" arrive in town. "Nuf sed."
6—Dean Fales registers for another year.
12—Buxton removes his beautiful sepia-toned mustache.
15—A Junior is discovered taking notes at a Physics Heat lecture.
5—Sophomores begin to compile statistics on the number of times "Charlie" Cross takes out his handkerchief.

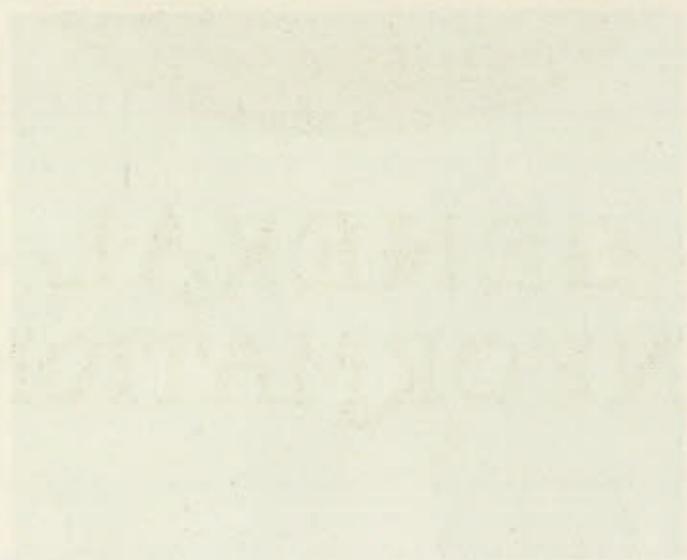
(Continued through "ad" section)

WHAT could be more appropriate as the tailpiece of the Grind section than a picture of the man who has been a source of inspiration and desperation to Grind editors for, lo, these many years—and especially since in the same picture with Dean Fales we see none other than "Art" Mudge?



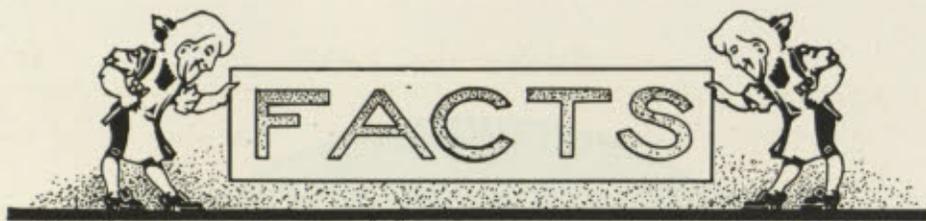
THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY
5708 SOUTH CAMPUS DRIVE
CHICAGO, ILLINOIS 60637
TEL: 773-936-3700
FAX: 773-936-3701
WWW: WWW.CHEM.UCHICAGO.EDU





GENERAL INFORMATION



THIS year the Institute has a registration of 1,816, an increase of 131, or 7.7 per cent. over last year. The instructing staff has grown 19, and now totals 291.

Forty-five states and territories, as well as three of our colonial possessions, are represented at Tech. Massachusetts sends the largest number of students, with New York second.

The total number of students who are graduates of other colleges is 290. They come from 112 American and 17 foreign colleges or universities. There are also 229 non-graduates who come here from other colleges.

Summer school was attended by 473 students, of whom 77 were from other colleges. The registration at the Summer Camp of 1914 was 95, 15 greater than for the previous year.

Foreigners at the Institute number 114, about the same as last year. They represent 25 different countries. China sends the greatest number, as has been usual for the past few years. Previous to 1909 Canada was the leader, and in that year only 11 came from China, or less than a quarter of her present delegation.

In the graduating class of 1914 there were 63 Mechanicals, 57 Civils, and 46 Electricals, the total number being 284. Of these 106 entered the Institute from other colleges. 11 per cent. had been five years at the Institute, as compared with 16 per cent. of the 1913 class.

This year we have 16 co-eds, twice as many as last year, but nothing to compare with the number in the good old days. The



'96 TECHNIQUE contained a list of 58 "women studying at the Institute."

The new course of Engineering Administration has an enrolment of 57, excluding the 1918 class.

The Sophomore class is the largest in the Institute, with 449 members.

During the present school year Tech has received gifts to the amount of \$275,000.

The following table shows the yearly registration since the foundation of the Institute:—

<i>Year</i>	<i>Number of Students</i>	<i>Year</i>	<i>Number of Students</i>
1865-66	72	1890-91	937
1866-67	137	1891-92	1,011
1867-68	167	1892-93	1,060
1868-69	172	1893-94	1,157
1869-70	206	1894-95	1,183
1870-71	224	1895-96	1,187
1871-72	261	1896-97	1,198
1872-73	348	1897-98	1,198
1873-74	276	1898-99	1,171
1874-75	248	1899-00	1,178
1875-76	255	1900-01	1,277
1876-77	215	1901-02	1,415
1877-78	194	1902-03	1,608
1878-79	188	1903-04	1,528
1879-80	203	1904-05	1,561
1880-81	253	1905-06	1,466
1881-82	302	1906-07	1,397
1882-83	368	1907-08	1,415
1883-84	443	1908-09	1,462
1884-85	579	1909-10	1,481
1885-86	609	1910-11	1,509
1886-87	637	1911-12	1,566
1887-88	720	1912-13	1,611
1888-89	827	1913-14	1,685
1889-90	909	1914-15	1,816



In Memoriam

JAMES LUDDY, 1918

Died November 19, 1914

ELPIDIO DE AGUIAR MAYA, 1917

Died September 28, 1914

LEONARD SIMS PRATT, 1916

Died February 3, 1915

PAUL GAUTIER VIGNAL, 1915

Died January, 1915



AS a slight token of our appreciation, we wish to extend our thanks to all who have assisted in any way in compiling this book. We are particularly indebted to:—

PROFESSOR ARLO BATES
MR. ROBERT E. ROGERS
KIRKLAND H. DAY, 1917
O. RIKER FREEMAN, 1916
FRANCIS FISHER FULTON, 1915
TREDICK K. HINE, 1916
IRVING B. McDANIEL, 1916
CLARK ROBINSON, 1916
GEORGE ROPER, Jr., 1916
EDUARDO E. SARTI, 1916
LOUIS F. VAN ZELM, 1918
ALDEN H. WAITT, 1915
HOWARD H. WELLS, 1916

The official photographer for TECHNIQUE 1916 was the NOTMAN PHOTOGRAPHIC COMPANY, 3 Park Street. Tech Show pictures by OTTO SARONY.





GENERAL DIRECTORY



Name and Society	Class	Course	Home Address
Abbott, Leon Russell	1915	VI	Barre, Vt.
Abdulnour, Bahjat Amin, A.B.	1915	IV	Beyrout, Syria
Abels, Charles August	1917	VI	43 Nicollet St., Lowell, Mass.
Abrams, Allen, A.B., $\Phi \Gamma \Delta$	1915	V	601 N. McKean St., Butler, Pa.
Adams, Carleton Coffin	1917	X	14 Lesley Ave., W. Somerville, Mass.
Adams, Porter Hartwell	1918		1796 Beacon St., Brookline, Mass.
Adams, William Ernest	1917	XV U.	99 Newtonville Ave., Newton, Mass.
Africa, Walter Murray, $\Sigma A E$	1915	II	Manchester, N.H.
Ahearn, Richard Lombard	1916	I	18 Foster St., Brighton, Mass.
Ahearn, William Joseph	1917	II U.	80 Foster St., Everett, Mass.
Aiken, Walter Scott, $\Theta \Xi$	1916	II	310 W. Emerson St., Melrose, Mass.
Aldridge, Blair Grigsby	1916	II	Arcola, Miss.
Alfaro, Rafael, $B \Theta \Pi$	1916	I	Ahuachapan, Salvador, C.A.
Alger, Philip Langdon, B.S.	1915	VI	34 Southgate Ave., Annapolis, Md.
Allan, Hamish, $X \Phi$	1917	X	Glasgow, Scotland
Allen, Andrew Foster	1915	VII Sp.	Campello, Mass.
Allen, Chester King	1917	II	34 Avon Way, Quincy, Mass.
Allen, Howard Brigham, ΔT	1918		Mexico City, Mexico
Allen, Lawrence James	1917	II	238 Bacon St., Waltham, Mass.
Allen, Robert McClanahan, B.S., ΣX	1916	IV Sp.	Roanoke, Va.
Alley, Harold Cushman, A.B.	1917	VIII U.	90 Pleasant St., Auburn, Me.
Althouse, Alfred Kutz, $\Delta X A$	1917	XI	717 W. Marshall St., Norristown, Pa.
Althouse, George Nathan, $\Delta X A$	1915	X	717 W. Marshall St., Norristown, Pa.
Alvaré, Nemesio Faustino	1918		Sagua la Grande, Cuba
Ames, Chester Edward	1917	VI	50 Highland Ave., Cambridge, Mass.
Ammidown, Eva Blossom, A.B.	1916	V Sp.	23 Bradfield Ave., Roslindale, Mass.
Anderson, Albert Hovey	1915	I	76 Boxford St., Lawrence, Mass.
Anderson, Herbert Walfred	1915	II	125 W. Selden St., Mattapan, Mass.
Anderson, James William, $\Theta \Xi$	1917	XI	South Lancaster, Mass., Box 164
Anderson, Marcus M., B.S.	1915	I Sp.	2517 Marion Pk., Meridian, Miss.
Andrews, Pearl Kinney	1916	IV	Yarmouth, N.S.
Angas, William Mack, ΘX	1917	I	1501 Riverside Ave., Jacksonville, Fla.
Angell, Cyril Matthew, ΣX	1918		303 County St., Attleboro, Mass.
Appleton, Frank Hollis	1918	U.	132 Church St., Newton, Mass.
Armstrong, Lester Elmer, $\Sigma A E$	1915	X	425 W. 12th St., Mason City, Ia.
Aronson, Mark	1916	I U.	25 Lawrence Ave., Roxbury, Mass.
Astorian, Alexander	1917	IV U.	189 Massachusetts Ave., Boston, Mass.
Atchison, Thomas Calvin, Jr., B.A., $\Phi \Gamma \Delta$	1916	XIV	45 Hillside Ave., Lawrence, Mass.
Atkins, Arthur Kindred, $\Theta \Delta X$	1917	VI U.	311 Lowell Ave., Newtonville, Mass.
Atkins, Willard Eugene	1917	II U.	29 Beach St., Wollaston, Mass.

Name and Society	Class	Course	Home Address
Atkinson, Charles Edward	1917	I	23 Federal St., Newburyport, Mass.
Atwater, David, Δ Ψ	1917	XV U.	6 Union St., Westfield, Mass.
Atwater, William Clair, B.S.	1915	II Sp.	Beatrice, Neb.
Atwell, Harold Vivian	1918		18 Bancroft Pk., Hopedale, Mass.
Atwood, Harrison Henry, Jr.	1917	IV Sp.	61 Alban St., Dorchester, Mass.
Austin, Paul Page, Jr., X Ψ	1916	II U.	2728 Union St., San Francisco, Cal.
Auty, Clarence	1917	VI	19 Haverhill St., Andover, Mass.
Avery, Julian Miles	1918		52 Lincoln St., Framingham, Mass.
Ayer, Carleton Sprague, Σ X	1918		318 Shawmut Ave., Boston, Mass.
Ayer, Harold Ellsworth	1916	IV U.	118 Emery St., Portland, Me.
Ayers, Charles Frank, Σ T A	1917	V U.	101 Chestnut St., Everett, Mass.
Babbitt, John Hancock	1917	I	17 Massasoit St., Northampton, Mass.
Bacardi, Luis Juan, Δ Φ	1917	I U.	Santiago, Cuba
Bagby, Ralph Bridges, A.B.	1916	II U.	New Haven, Mo.
Bagdoyan, Sarkis Manoog	1915	I	Aintab, Turkey
Bailey, Howard Elliott	1917	XI	North Scituate, Mass.
Bailey, Lawrence Humphrey, Δ Φ	1915	X	26 Maple Ave., Newton, Mass.
Bailey, Richard Orcutt, A.B.	1915	XI	6 Stone St., Oneida, N.Y.
Baker, Arthur DeWint, Δ T Δ	1917	X U.	19 Clifton Pl., Brooklyn, N.Y.
Baker, Douglas Brooks, K Σ	1915	VI	115 Upham St., Melrose, Mass.
Baker, Philip Custer, B.S.	1916	II	822 Lenawee St. W., Lansing, Mich.
Bakewell, Benjamin Page	1917	IV	5529 5th Ave., Pittsburgh, Pa.
Baldrey, Roland Webster	1915	IV	10 Bradshaw St., Medford, Mass.
Ball, Edwin Leo, B.S.	1916	IV	Alexandria, La.
Ball, Joseph Arthur	1915	VIII	2 St. Paul St., Cambridge, Mass.
Balyozian, Jacob Joseph	1917	XIV	80 Lucerne St., Dorchester, Mass.
Balyozian, Nicholas	1916	V	80 Lucerne St., Dorchester, Mass.
Bannister, Alfred Edward, K A	1915	II	3300 London Rd., Duluth, Minn.
Barker, Dana Nash	1916	XIV U.	Wilton, N.H.
Barker, Joseph Warren, Φ K Σ	1916	VI	520 Cherry St., Rockford, Ill.
Barnard, Charles Thomas, Θ Δ X	1917	XI	179 E. Foster St., Melrose, Mass.
Barney, Eugene Judson, B.S., K Σ	1916	VI U.	21 Seminary Ave., Dayton, Ohio
Barnwell, Joseph Woodward, Jr., A T Ω	1915	I	48 South Bay, Charleston, S.C.
Barrett, Herbert William	1918	U.	115 Cedar St., Somerville, Mass.
Barrett, Lawrence William	1916	I U.	53 Weston St., Brockton, Mass.
Barrett, William Joseph	1916	II	640 Seventh St., S. Boston, Mass.
Barron, Abraham Isaac	1918		292 Western Ave., Cambridge, Mass.
Barron, Samuel	1918		66 Clifford St., Roxbury, Mass.
Barrows, Stanwood Roy	1917	XV	55 Beacon Hill Ave., Lynn, Mass.
Barry, Edward Hearsey, A.B., Δ T Δ	1916	II	530 Ward St., Newton Centre, Mass.
Barry, Thomas James	1915	IV	70 Mayfield St., Dorchester, Mass.
Basch, Jacob Justin	1917	X	430 Van Houten St., Paterson, N.J.
Bascom, Edgar Dorus	1915	I	R. F. D., Gill, Mass.
Bassett, Clarence Eustus	1918		8 King St., Taunton, Mass.
Bassett, Harold Reuben, Φ Σ K	1915	II	371 Central Ave., Bridgeport, Conn.
Bassett, William Hastings, Jr.	1918		Box 852, Cheshire, Conn.
Basu, Kshitish Chandra, M.A.	1915	II	Howrah, India.
Batchelder, Sidney Spalding	1917	XV	30 Court St., Dedham, Mass.
Battis, Joseph Talmage Woodruff, Δ Ψ	1917	II	Essex House, Salem, Mass.
Bauer, John Thomas, Jr., A.B.	1915	VI	204 Beauregard St., Mobile, Ala.
Baxter, Horace Monroe	1917	XIV	160 Foster St., Brighton, Mass.

Name and Society	Class	Course	Home Address
Baxter, Nelson Edward, A T Ω	1915	II	Hyde Park, Mass.
Baxter, Stanley Munroe	1915	III U.	215 Rutger St., Utica, N.Y.
Beach, Chester Coly, Φ B E	1918	Sp.	Mansfield, Pa.
Beadle, Walter Jay, Δ T	1917	II	Lima, N.Y.
Bealer, William Porter, K Σ	1917	IV Sp.	Darien, Ga.
Beattie, Challen Morton	1918		151 Elm St., Quincy, Mass.
Beattie, James Alexander	1917	X	208 E. Caldwell St., Louisville, Ky.
Beaver, Rudolf	1917	XIII	Nagy Becskerek, Hungary
Beidelman, Aubrey Donnithorne	1915	XIII	360 Union St., Braintree, Mass.
Beierl, Herbert Joseph, A T Ω	1915	IV Sp.	104 Robie Ave., Buffalo, N.Y.
Belcher, Donald, Θ X	1915	X	112 Harvard St., Newtonville, Mass.
Belden, Edward Daniel	1917	IV	14 Bolivar St., Monterey, Mex.
Bell, Dudley Edwards, Σ A E	1917	XV	824 Radcliffe St., Bristol, Pa.
Bell, Kenneth Eldon	1917	X	129 Hawthorne St., Malden, Mass.
Bellis, Clifford Brown	1918		9 Brown St., Waltham, Mass.
Bengtson, Ludvig Theodor	1915	IV Sp.	194 Somerset Ave., Winthrop, Mass.
Benitez, Eduardo Dehesa	1917	II	Tehuantepec, Oaxaca, Mexico
Bennett, Horace Ralph	1916	I	71 Varney St., Lowell, Mass.
Benson, Henry Sumner	1917	II	769 East St., Dedham, Mass.
Bent, Harold Townsend	1915	XIII	83 Gainsborough St., Boston, Mass.
Berenson, Edward Isadore	1915	XIV	51 N. Russell St., Boston, Mass.
Berg, Albert	1918		154 Harrison Ave., Fitchburg, Mass.
Berg, Henning Julius	1915	II	1840 Van Ness Ave., San Francisco, Cal.
Berger, Henry Ehlen, Jr., A.B.	1915	VII Sp.	76 Church St., Marlboro, Mass.
Berger, Richard George	1916	V U.	82 William St., Bridgeport, Conn.
Berkowitz, Samuel	1915	II	17 Grove St., Boston, Mass.
Berman, Eli	1918		71 Phillips St., Boston, Mass.
Bermingham, Franklin Andrews	1918		38 Newbury St., Newton Centre, Mass.
Bernard, Frederick, Δ T	1917	VII	638 Albany Avenue, Hartford, Conn.
Berrigan, Thomas Augustine	1916	XI	890½ Broadway, S. Boston, Mass.
Bertelsen, Paul Jens, A T Ω	1917	XV	111 Court Rd., Winthrop, Mass.
Besly, Leonard, Σ X	1917	XV	4212 Raleigh St., Denver, Col.
Best, Leonard Ernest, Λ Φ	1915	X	206 Lincoln Rd., Brooklyn, N.Y.
Betts, Erving Goodwin	1918		28½ Washington St., Newburyport, Mass.
Bevins, Henry Dana	1918		30 Salem St., Andover, Mass.
Bibolini, Alejandro, A.B.	1915	I	Asuncion, Paraguay, S.A.
Bickford, Horace Lesley	1916	VI U.	24 Kilsyth Rd., Brookline, Mass.
Bickford, Willis John, Jr.	1918		Odeonsplatz St., Munich, Germany
Bidwell, Charles Alanson, Jr.	1915	VI	Stockbridge, Mass.
Bigelow, Lucius Aurelius, Jr.	1915	V	5 Allston St., Boston, Mass.
Biggar, Walter Thomas	1918	U.	18 Windermere Rd., Dorchester, Mass.
Bill, Francis Putnam, Δ T	1917	XV	97 Vine St., Hartford, Conn.
Billings, John Harland, B.A.Sc.	1915	II G.	Leskard, Ontario, Canada
Binger, Walter David	1916	I	Care of New Castle Leather Co., Cliff St., New York, N.Y.
Bird, Herbert Curtis, A.B.	1916	I	29 Monmouth St., E. Boston, Mass.
Black, Charles Miller, Θ X	1916	I U.	325 S. Grant St., Denver, Col.

Name and Society	Class	Course	Home Address
Blackmore, Charles Thomas, B.S.	1915	VI	624 Bridge St., Hampton, Va.
Blackwood, Walter Ainslie	1917	XV U.	126 Zeigler St., Roxbury, Mass.
Blaine, Emmons, S.B.	1916	II	101 E. Erie St., Chicago, Ill.
Blaisdell, Sidney Briggs	1918		151 Atlantic Ave., Providence, R.I.
Blakney, Raymond Bernard	1916	I	160 Stratford St., W. Roxbury, Mass.
Blanchard, Carleton Woodman, K Σ	1918		308 Linwood St., Abington, Mass.
Blanchard, Raymond Hall	1917	X	38 Barrett St., Malden, Mass.
Blanchard, Wallace, Ph.B.	1916	VI	3 Pine St., Winchester, Mass.
Blanchfield, Paul Edward	1918		333 Springfield St., Chicopee, Mass.
Blank, Henry Millet	1918		138 Ridgewood Ave., Glen Ridge, N.J.
Blank, Wesley Howard	1916	I	4 Myrtle St., Winchester, Mass.
Bliss, Mervin Washington, A.B.	1916	VI	Hooksett, N.H.
Blodgett, Charles Albert	1915	X	31 Winter St., Portland, Me.
Blodgett, Leo Stanislaus	1918	U.	31 Winter St., Portland, Me.
Blomquist, Fritz Charles	1915	I	57 Linwood Rd., Lynn, Mass.
Blount, Harold Nicholson	1918		169 Hancock St., Everett, Mass.
Bolotin, Jacob Joseph	1918		23 S. Fruit St., Youngstown, Ohio
Bond, Arthur Hazard, B.S., X Φ	1915	I	26 Mulberry St., Springfield, Mass.
Bond, Benjamin Morris	1917	X	10 Marcella St., Roxbury, Mass.
Bond, Nelson Arthur, Φ K Σ	1918		71 Waverly St., Roxbury, Mass.
Bone, Herbert Lawrie	1917	II	26 Edgemont St., Roslindale, Mass.
Bonnell, Willard Everett	1917	II U.	11 Walter St., Hyde Park, Mass.
Boulton, Berthoud Clifford	1916	I	28 Wellesley St., Toronto, Canada
Bowles, Warde R., A.B.	1915	I Sp.	2649 Shoveland Drive, Seattle, Wash.
Boyd, Stuart MacLeod	1918		80 Appleton St., Malden, Mass.
Boyd, William Henry, A.B.	1916	I U.	Warrenton, N.C.
Boynton, Francis Henry, E.E., Φ Δ Θ	1915	VI	56 Westland Ave., Boston, Mass.
Boynton, Kenneth Kenaston	1915	VI	South Framingham, Mass.
Brackett, William Henry, Φ K Σ	1915	VI	14 Bloomfield St., Dorchester, Mass.
Bradley, Donald George, Φ Γ Δ	1918		Edmonton, Alberta, Canada
Bradley, Wayne Deegan	1915	V U.	16 Leonard Ave., Cambridge, Mass.
Braislin, John Cameron	1918		556 Washington Ave., Brooklyn, N.Y.
Brand, Charles Lees	Grad.	XIII A	Beverly, N.J.
Brandegge, Morris Marius, A.B.	1916	X	434 W. 7th St., Plainfield, N.J.
Brandt, Maurice Frankland	1915	V	31 Southard St., Trenton, N.J.
Brayton, Harold Morgan	1917	II U.	Cold Brook, N.Y.
Bresth, Alexander	1916	XI	Box 127, W. Acton, Mass.
Brigham, Everett Rounds	1915	IV	282 Atlantic St., Atlantic, Mass.
Brimberg, Samuel	1918		452 New Jersey Ave., Brooklyn, N.Y.
Brock, Malcolm Cameron, K Σ	1917	XV U.	228 Longley Rd., Newton Centre, Mass.
Brooks, Arthur Raymond	1917	XIV	New Kendall Hotel, Framingham, Mass.
Brooks, Edward Pennell, Δ T	1917	XV	776 Main St., Westbrook, Me.
Brooks, Phillips Nelson	1916	II U.	36 Brockton Ave., Haverhill, Mass.
Brooks, Ralph Frederick Fleming	1917	I	47 Julian St., Roxbury, Mass.
Brophy, Thomas D'Arcy, X Φ	1916	IV	305 W. Granite St., Butte, Mont.

Name and Society	Class	Course	Home Address
Brosnahan, Thomas Vincent	1918		32 Locke St., Cambridge, Mass.
Brown, David La Tourette	1918	U.	280 West End Ave., New York, N.Y.
Brown, David Mungall	1917	IV Sp.	235 Jackson St., Lawrence, Mass.
Brown, Earle William	1915	VI	237 Oakland Ave., Oakland, Cal.
Brown, Edmund Guilford	1915	III	120 Spring St., Medford, Mass.
Brown, Edward	1918		243 Harvard St., Dorchester, Mass.
Brown, Horatio Whittemore, ΣX	1915	IV	Concord, Mass.
Brown, James McGibbon	1916	IV Sp.	149 Bowman St., Wilkes-Barre, Pa.
Brown, Raymond Grout, $K \Sigma$	1916	XIV	136 Greenwood St., Melrose Highlands, Mass.
Brown, Roger Brigham	1917	X	24 High St., Marlboro, Mass.
Brown, Theodore Gates, $\Phi K \Sigma$	1914	X U.	72 Hastings St., W. Roxbury, Mass.
Brown, Walter Henry, M.D.	1915	VII Sp.	Richlandtown, Pa.
Brown, Willard Cowles, B.S., $A T \Omega$	1916	VI	Glens Falls, N.Y.
Brown, William Augustus Reynolds	1917	VI	30 Lambert St., Roxbury, Mass.
Brown, William Eustis, Ph.B.	1915	VII Sp.	404 Birch St., Boonton, N.J.
Brown, William Goss, $K \Sigma$	1916	VIII	Rye Beach, N.H.
Browne, Donald	1918		31 Wolcott St., Malden, Mass.
Brownie, Percy Watts	1918		1958 Fifth Ave., Seattle, Wash.
Bruchhauser, William Kurtz, Jr., $\Phi \Sigma K$	1918	U.	Baldwin, L.I.
Bryant, Frederick Copeland, A.B.	1916	I	9 Powell Ave., Newport, R.I.
Buchanan, Douglas Riley	1918		40 Aberdeen St., Lowell, Mass.
Buck, Carl Edward, B.S.	1915	VII Sp.	5733 University Ave., Chicago, Ill.
Buck, Harry Carlton, B.S.	1915	V Sp.	3307 N. Broad St., Philadelphia, Pa.
Bucknam, Frank White	1916	I U.	114 Norfolk Ave., Swampscott, Mass.
Buford, Albert Walter	1917	I U.	Forest City, Ark.
Bugbee, James Marion	1918		15 Foxcroft Road, Winchester, Mass.
Bulifant, Theodore Adolph	1916	X	4516 Osage Ave., Philadelphia, Pa.
Bullard, Beirne Saunders	1915	XIII A	Catonsville, Md.
Burbank, James Archer, $\Delta \Psi$	1916	I U.	48 Washington St., E. Milton, Mass.
Burford, John Nicholas, $\Sigma A E$	1916	II U.	Prospect, Ky.
Burgess, Kenney Albert, $\Phi \Gamma \Delta$	1918		19 Church St., Belfast, Me.
Burgess, Stanton Leroy, $\Phi K \Delta$	1918		33 Eastern Ave., Barre, Vt.
Burk, Charles August David, B.S.	1916	V Sp.	Princeton, N.J.
Burk, Herbert Grover	1917	VI	34 Ocean Ter., Lynn, Mass.
Burke, Arthur Edward	1917	VII U.	76 Spruce St., Watertown, Mass.
Burke, Francis Carroll	1918		76 Spruce St., Watertown, Mass.
Burnap, Robert Samuel	1916	VI	Ivoryton, Conn.
Burnham, Horace Cleveland, $\Theta \Delta X$	1917	X	Oldtown, Me.
Burrows, Grant Howard	1918	U.	93 Eldredge St., Newton, Mass.
Burtner, Evers	1915	XIII	81 Loughton St., Lynn, Mass.
Burton, Oliver Donn, ΣX	1918		1205 Emory St., Asbury Pk., N.J.
Bushee, Ralph John	1918		1 Kelly St., Newburyport, Mass.
Butler, Harold Bernard	1918	U.	316 Harvard St., Brookline, Mass.
Butterworth, Frank Linton, $\Phi \Gamma \Delta$	1917	IV U.	915 Spencer Ave., Marion, Ind.
Buttner, Fred Frank	1916	VI	227 Willow St., Waterbury, Conn.
Buxton, Paul Henry, $A T \Omega$	1916	II	12 Paisley Pk., Dorchester, Mass.
Byrne, Leroy Richard	1916	XIV	198 President St., E. Lynn, Mass.
Byrnes, Benjamin Harrison, A.B.	1915	IV U.	Emporia, Kan.
Byzantius, James John	1918		Constantinople, Turkey

Name and Society	Class	Course	Home Address
Cady, Lowell	1917	I	102 St. James Ave., Boston, Mass.
Cady, Rush Boyd, Σ X	1915	II	609 W. Onondaga St., Syracuse, N.Y.
Caffrey, Augustine Joseph	1915	XI	12 School St., Lawrence, Mass.
Calabro, Joseph Louis	1917	IV Sp.	113 Leverett St., Boston, Mass.
Calder, Charles Howard	1915	VI	27 Austin St., Newtonville, Mass.
Calderara, Charles Anthony, B.S.	1915	XI	12 E. Union St., Milford, N.H.
Caldwell, Arthur Percy, Jr., B.S., Δ K E	1916	VI	742 St. Nicholas Ave., New York, N.Y.
Call, Lau Ge	1918		Hong Kong, China
Cameron, Edwin John	1918		99 Garden St., Cambridge, Mass.
Cameron, John Leslie	1918		710 Columbus Ave., Boston, Mass.
Camp, Harry Upson	1918		3 Summer St., Easthampton, Mass.
Camp, Orton Platt, A.B.	1915	II	98 Woodlawn Ter., Waterbury, Conn.
Campbell, Tristram Joseph	1918		123 Ashmont St., Dorchester, Mass.
Campion, William Leo	1917	XI	196 Hamilton St., Dorchester, Mass.
Canby, Albert Thresher, Σ X	1917	X	300 Central Ave., Dayton, Ohio
Carlson, Arthur Godfred	1918	U.	19 Mechanic St., N. Easton, Pa.
Carlton, Arthur Clifford	1917	III U.	211 E. North Ave., Baltimore, Md.
Carman, Lewis Alexander	1917	IV	381 Orange St., Riverside, Cal.
Carpenter, Charles Clinton	1916	I U.	71 Fayerweather St., Cambridge, Mass.
Carr, Jasper Blanchard, Φ B E	1916	VI	80 W. Jackson St., Wilkes-Barre, Pa.
Carr, Percy Wolcott	1918		34 Dorchester St., S. Lawrence, Mass.
Carson, Frank Somerville, K Σ	1917	IV U.	Dartmouth, N.S.
Carson, James Brittain, B.S., K Σ	1915	II	Dartmouth, N.S.
Carter, Arthur Alfred	1917	VI U.	51 Montvale Ave., Woburn, Mass.
Casselman, Elbridge Johnson, Θ Σ	1915	X	2907 Wisconsin Ave., Washington, D.C.
Cassidy, John Edward	1918		6 Carmel St., Roxbury, Mass.
Cate, Norman Russell	1918		282 Washington St., Dover, N.H.
Catlett, Richard Henry, B.S., X Φ	1917	X U.	Staunton, Va.
Catton, Richard Belmont, Φ B E	1915	VI	Box 324, Honolulu, Hawaii
Caust, Morris Leonard	1918		243 Crescent St., Brockton, Mass.
Cellarius, Charles Frederick, A.B., B Θ II	1916	IV	3843 Forest Ave., Norwood, Ohio
Chalатов, Leon	1916	II	Petrograd, Russia
Chalfen, Benjamin	1917	II U.	295 Windsor St., Cambridge, Mass.
Chamberlain, Samuel Harrison, Jr., ΦΣK	1917	XIII U.	106 Lincoln Ave., Endicott, N.Y.
Chand, Diwan Nanak	1916	VI U.	Gujranwala, India
Chandler, Frank Davenport	1916	VI	140 Magazine St., Cambridge, Mass.
Chang, Tsun	1915	V	Dousi, Hu-peh, China
Chang, Yih Tze	1917	X	Nanking, China
Chapman, Kenneth Blackstone	1916	VI U.	50 Brooksdale Rd., Brighton, Mass.
Chase, Albert Worcester	1917	X	145 Burrill St., Swampscott, Mass.
Chase, Claude Frederick	1917	II U.	Sherwood, N.Y.
Chatfield, Charles Hugh	Grad.	II	509 Willow St., Waterbury, Conn.
Checa, Vicente Felipe	1917	I	Piura, Peru, S.A.
Checa, Victor Alfonso	1917	VI	Piura, Peru, S.A.
Chellman, Lloyd Hamilton, B Θ II	1915	I	100 Kittredge St., Roslindale, Mass.
Chen, Chung-yang	1918		Shanghai, China
Chen, Huang, B.S.	Grad.	V	Kwong Chow, China
Chen, Wing Kee	1918		Canton, China

Name and Society	Class	Course	Home Address
Childs, Kenneth Mason	1917	II	Needham Heights, Mass.
Chisholm, Harold Vincent	1917	II U.	85 Brook Ave., Dorchester, Mass.
Chisholm, Stanley Leavitt	1917	V	128 Melrose St., Melrose Hlds., Mass.
Chow, Hou-Kun	Grad.	II, XIII	Shanghai, China
Chow, Ming	1915	V	Kiang-Su, China
Chow, Ziang Yien	1915	XI	Shanghai, China
Christensen, Abbey Winch, A.B.	1916	IV Sp.	Beaufort, S.C.
Christison, Leslie	1917	V	81 Haverhill St., Andover, Mass.
Chu, Chi-Che	1915	XIII _B	Hangchow, China
Chu, Tau Shang	1915	XIII _B	Wush, China
Chu, Yu Mai	1915	VI Sp.	Kwong Tung, China
Church, Arthur Albert	1917	VI	26 Alaska St., Roxbury, Mass.
Churchill, Fred Loring	1918	II U.	229 N. Warren Ave., Brockton, Mass.
Cianciolo, Philip Joseph	1917	I U.	15 S. Margin St., Boston, Mass.
Clark, Edward Leeds, A.B.	1917	VI	73 S. Professor St., Oberlin, Ohio
Clark, Ernest Morton	1917	X	150 Otis St., Newtonville, Mass.
Clark, James Lomax, X Φ	1918		80 Claremont St., Newton, Mass.
Clark, John Alston	1918		315 Court St., Clarksdale, Miss.
Clark, Leland Vining	1915	VI	46 Highland St., N. Abington, Mass.
Clark, Sidney E., B Θ II	1915	II	226 Central Ave., Fredonia, N.Y.
Clark, Captain Virginius Evans	1915	Sp.	1870 Beacon St., Brookline, Mass.
Clark, William Allen	1917	XI	163 Woodside Ave., Winthrop, Mass.
Clarke, Alfred Henry, B.A., B Θ II	1915	I	532 E. 18th St., N. Portland, Ore.
Clarke, Bruce Addison	1916	VI	373 Lexington St., Auburndale, Mass.
Clarkson, Edward Hale, Jr., Σ X	1916	XI	31 Tyng St., Newburyport, Mass.
Clarkson, Freeman, B.A., Φ Γ Δ	1916	VI	1915 Church Ave., Brooklyn, N.Y.
Clarkson, John Wheeler, Σ X	1918		31 Tyng St., Newburyport, Mass.
Clarkson, Joseph Jennings, A T Ω	1917	II U.	708 Orange St., New Haven, Conn.
Claussen, Howard Paul, Φ Γ Δ	1916	II	251 Collins St., Hartford, Conn.
Clayman, Samuel	1917	X	3 Nightingale St., Dorchester, Mass.
Clayton, Henry Comyn	1917	XIV	1422 Washington St., Canton, Mass.
Clayton, Lawrence Locke	1917	XIV	1422 Washington St., Canton, Mass.
Cleveland, Byron Redmond	1918		33 Farnham St., Lawrence, Mass.
Clogher, Eaton James	1918		8 Nottingham St., Dorchester, Mass.
Coakley, Cornelius Cooper	1917	X	Lynbrook, L.I., N.Y.
Coburn, Charles Lyman	1917	I	31 Percy Rd., Lexington, Mass.
Cochrane, Clarence	1917	II U.	63 Howard St., Melrose, Mass.
Codwise, Philip Witgenstein	1915	X	8 Clifton Pk., Melrose Hlds., Mass.
Coes, Marion Louise	1918		144 Church St., Whitinsville, Mass.
Coffin, William Earle	1917	XI U.	272 High St., Newburyport, Mass.
Cohen, Jacob	1915	I	177 Old Bergen Rd., Jersey City, N.J.
Coldwell, Everett Sharples, B Θ II	1915	VI	South Swansea, Mass.
Cole, George Harlos, B.S.	1915	VI U.	Yazoo City, Miss.
Cole, Ralph Waldo Emerson, M.D.	1915	VII Sp.	Falmouth, Mass.
Coleman, Alfred Victor, X Φ	1915	VI	1412 St. James Ct., Louisville, Ky.
Coleman, Caruthers Askew, Δ T Δ	1916	II U.	Como, Miss.
Coleman, Francis Thomas	1918		177 Perkins Ave., Campello, Mass.
Colleary, William Bartholomew, A.B.	1917	IV U.	300 Hyde Park Ave., Forest Hills, Mass.

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Collier, Gerald Walter, A.B.	1917	II U.	Grant, Neb.
Collins, Earl Preston, A X A	1918		1033 Mass. Ave., Cambridge, Mass.
Collins, Harold Ebert	1918		44 Carver Rd., Newton Hlds., Mass.
Collins, William Lovejoy	1918		44 Carver Rd., Newton Hlds., Mass.
Comiskey, Daniel Louis	1916	I U.	Main St., Dover, Mass.
Conaty, Francis Sylvester	1917	I	12 Gushee Lane, Taunton, Mass.
Conner, Lester Carlton	1918		72 Medford St., Malden, Mass.
Connolly, Joel Irving	1916	XI	7 Fenno Pl., Dorchester, Mass.
Connor, Paul, $\Phi K \Sigma$	1915	I	23 Englewood St., Dorchester, Mass.
Conover, John Woodhull	1915	VI	Norfolk, Va.
Cook, Alton Aldrich	1915	V	149 Glenway St., Dorchester, Mass.
Cook, Fred Lysle, K Σ	1915	II U.	203 W. Newton St., Boston, Mass.
Cook, Roy Jennings, $\Sigma A E$	1917	XIV	940 Albemarle Rd., Brooklyn, N.Y.
Coolbaugh, Melville Fuller, B.S., M.A.	1915	III Sp.	11 Olmstead St., Jamaica Plain, Mass.
Cooper, Stanley Knox	1917	II U.	28 Gilmore St., Everett, Mass.
Cordova, Joseph Louis	1918		Guatemala City, Guatemala, C.A.
Cornelius, Albert Franklin, M.D.	1915	VII Sp.	Berea, Ky.
Cornelius, Charles Over, A.B.	1915	IV	373 Commonwealth Ave., Boston, Mass.
Costelloe, William Henry	1918		228 S. Second St., Saginaw, Mich.
Cottrell, Ralph Harvey, ΣX	1918	U.	218 Cedar Ave., Allenhurst, N.J.
Couch, Edward Seguin, $\Delta T \Delta$	1917	IV U.	Cromwell, Conn.
Cousineau, Amié, B.A.Sc.	1915	VII Sp.	129 Menkana St., Montreal, Can.
Coward, Raymond Stewart	1918		18 Wendell St., Cambridge, Mass.
Cowles, Martin Warren	1915	XI	Fairfield, Conn.
Craighead, Philip Brooks	1918		18 Hancock St., Malden, Mass.
Crandall, Willard Raymond	1916	V	27 Elm St., Westerly, R.I.
Crane, Frank Norman	1917	I	6 Pickering Ave., Roxbury, Mass.
Creedon, Frank Riordan	1918		285 Moraine St., Brockton, Mass.
Creighton, Samuel Henry, Jr.	1917	II U.	94 Marion Pl., Rockville Centre, N.Y.
Cristal, Philip Nahm, A.B., $\Phi K \Sigma$	1917	I	Bowling Green, Ky.
Cronin, John Timothy, A.B., X Φ	1917	IV U.	924 S. Maple St., Spokane, Wash.
Cronin, William Cornelius, A.B.	1917	II	91 Charles St., Boston, Mass.
Crosby, Gordon Eugene	1917	I	35 Boulevard Ter., Allston, Mass.
Crosby, Robert Addison	1916	II	8 Bellevue St., Dorchester, Mass.
Crosby, Ralph Joseph	1918		125 Shultas Pl., Hartford, Conn.
Crosby, William Anderson, B.A.	1917	IV	La Crosse, Wis.
Crosier, Charles Leavett	1916	XI	Hadley, Mass.
Cross, Fred Sylvester	1918		Omaha, Neb.
Crowell, Christopher Chase	1917	IV U.	19 South St., Brockton, Mass.
Crowell, George Ira	1916	II	19 South St., Brockton, Mass.
Crowell, Harold Ryder, $\Delta K E$	1915	IV	902 S. Alvarado St., Los Angeles, Cal.
Cummings, Stanley Robinson	1918		123 Winthrop Ave., Wollaston, Mass.
Currier, Horace Leslie	1918	VI U.	42 Temple St., Newburyport, Mass.
Curtis, Bradford Scott	1916	VI U.	Medfield, Mass.
Curtis, Brian Cutler, $\Delta T \Delta$	1917	I	116 E. 62d St., New York, N.Y.
Curtis, Ingraham, $\Theta \Delta X$	1918		248 Cedar St., Corning, N.Y.

Name and Society	Class	Course	Home Address
Curtis, Morgan Putnam, $\Phi \Sigma K$	1917	I	56 Warren Ave., Marlboro, Mass.
Curtis, Ralph Endicott	1915	VI	253 Belmont Ave., Springfield, Mass.
Curtis, Theron Smith	1916	II	89 Washington St., N. Attleboro, Mass.
Cutts, George Belcher, $\Delta \Psi$	1918		105 Aspinwall Ave., Brookline, Mass.
Cyr, Howard Mason	1918		52 High St., Malden, Mass.
da Costa, Marcos	1917	II U.	Manaos, Brazil
Dagnall, Clarence Herschel	1918		560 County St., Fall River, Mass.
Daley, Henry Francis	1915	II	545 Walnut St., Fall River, Mass.
Dalton, John Nolan	1915	X	7 Leonard St., Milford, Mass.
Dalton, Marshall Bertrand, $\Phi \Gamma \Delta$	1915	I	Portland, Me.
Damon, John Warren	1918		258 Court St., Plymouth, Mass.
Dana, Alan Standish, $\Theta \Delta X$	1915	VI	76 Emery St., Portland, Me.
Dana, Duncan, A.B.	1916	VI	1 Fifth Ave., New York, N.Y.
Dana, Leo Isadore	1917	VIII	34 Lawrence Ave., Roxbury, Mass.
Daniels, Donald Potter	1916	V U.	Care Illinois Trust & Savings Bank, Chicago, Ill.
Daniels, Harvey William	1916	I U.	87 Beulah St., Whitman, Mass.
Danielson, Kevork Mardiros	1918		243 Western Ave., Cambridge, Mass.
Darlington, Frank Graef, Jr., C.E.	1916	VI U.	1240 N. Delaware St., Indianapolis, Ind.
D'Arcy, Francis George	1918		71 Concord Ave., Cambridge, Mass.
Dasso, Louis	1918		Lima, Peru
Davies, Ralph Vinan	1916	V	67 Summer St., Plymouth, Mass.
Davis, Charles Jefferson, Jr., B.S., $\Theta \Sigma$	1915	I U.	Fernandina, Fla.
Davis, Frederick Augustus William, ΔT	1915	I	165 Boulevard, Pelham, N.Y.
Davis, George Colby	1918		43 E. Emerson St., Melrose, Mass.
Davis, Lawrence, $\Delta T \Delta$	1917	II U.	254 Central St., Auburndale, Mass.
Dawson, Norman	1918		314 Webster St., Needham Hts., Mass.
Day, Kirkland Hart, $B \Theta \Pi$	1917	IV U.	Riverbank Ct., Cambridge, Mass.
Dean, Carlton Miles	1917	X	21 Franklin St., Woburn, Mass.
Dean, Kemerton, $\Sigma A E$	1916	II	19 Lanark Rd., Brookline, Mass.
Dean, William Franklin, $\Phi K \Sigma$	1917	II U.	12 S. William St., Johnstown, N.Y.
Dearden, Raymond Henry	1918		58 Lincoln Ave., Fall River, Mass.
De Beech, Albert Victor	1915	VI	482 Bolton St., New Bedford, Mass.
De Bell, John Milton	1917	X	Maple Ave., Great Barrington, Mass.
de Fremery, Donald	1915	II U.	77 Fairmont Ave., Oakland, Cal.
Delabarre, Lawrence Hassell, $\Phi \Gamma \Delta$	1917	XV U.	Hotel Coolidge, Brookline, Mass.
De Mars, Paul Alva	1917	VI	43 Vine St., Lawrence, Mass.
Demeritt, John Edgar, $A T \Omega$	1917	VI U.	Newmarket, N.H.
De Merritt, Robert Elwyn	1917	I U.	119 Haven St., Reading, Mass.
Demond, Daniel Bradford, $\Phi B E$	1918		723 Mass. Ave., N. Adams, Mass.
Demond, Miles Elijah, $\Phi B E$	1917	XV U.	North Adams, Mass.
Dennen, William Llewellyn	1917	III U.	18 Wells St., Gloucester, Mass.
Dennison, Edward Stanford	1918		124 Ave. Colina, Mexico City, Mex.
De Salvo, Leopold	1918		Fairbanks Pk., Dedham, Mass.
des Granges, Donald Richard, $\Delta T \Delta$	1915	IV	85 Pinckney St., Boston, Mass.

Name and Society	Class	Course	Home Address
Desmond, Robert Refine	1917	VI	122 First Ave., Corry, Pa.
Devine, Elbridge Russell	1916	X	Cedar Pl., Needham, Mass.
Devine, James Henry	1915	V	Chestnut St., Needham, Mass.
Devlin, Charles James	1918		Portsmouth Rd., Ditton-on-Thames, Eng.
Dexter, Franklin Closson	1917	I U.	128 Dean Rd., Brookline, Mass.
Dickinson, Roscoe Gilkey	1915	X	1098 River St., Hyde Park, Mass.
Dickson, Arthur Donohue	1917	I	149 Austin St., Cambridge, Mass.
Diemer, Robert Winfield	1916	VI U.	78 E. Penn. St., Germantown, Pa.
Dillon, Frank Henry	1918		93 Russell St., Malden, Mass.
Dimlich, Herbert Charles	1917	II	304 High St., Lawrence, Mass.
Dimock, Charles Everett	1918		102 Pleasant St., N. Andover, Mass.
Dinkins, Philip Moss, X Φ	1918		49 Plymouth St., Montclair, N.J.
Dixon, Enslo Smith	1918	U.	25 Hulbert St., Roxbury, Mass.
Doane, Norman David, B.S., A X Σ	1915	V	R. F. D. 10, Meadville, Pa.
Dodd, Marvin James, B.S., Δ K E	1915	II	221 N. Arlington Ave., E. Orange, N.J.
Dodd, Sidney Reginald	1915	V	87 Washington St., E. Orange, N.J.
Dodge, Barnett Fred, B Θ II	1917	X	94 Mayfield Ave., Akron, Ohio
Dodge, Harold French	1916	VI	607 School St., Lowell, Mass.
Dodge, William Waldo, Jr.	1917	IV	134 B St., N.E., Washington, D.C.
Dodson, Frederick William, B Θ II	1917	XIV	1219 Vermont Ave., Washington, D.C.
Doherty, George Daniel	1917	XV U.	Scituate, Mass.
Doherty, Joseph Edmund	1916	V U.	45 Waban St., Newton, Mass.
Dolmage, Victor, B.A.	1915	XII Sp.	Souris, Manitoba, Canada
Donnelly, Thomas Joseph, Jr.	1918		63 Brattle St., Arlington, Mass.
Donovan, Charles Stephen	1918		28 Dearborn Rd., Tufts College, Mass.
Donovan, George William	1917	II	86 Chestnut St., Andover, Mass.
Donovan, Harold Celsus	1917	VI	50 Walter Ave., Brookline, Mass.
Donovan, Joseph Augustine	1918		9 Greenough Ave., Cambridge, Mass.
Doon, James William	1917	XV	42 W. Central St., Natick, Mass.
Dow, Charles Warren	1918		117 Eastern Ave., Lynn, Mass.
Dow, Lewis Morrill	1916	VI U.	Salisbury Beach, Mass.
Dowell, Arthur Edward, Δ T	1917	VI U.	3026 Newark St., N.W., Washington, D.C.
Dowst, Henry, Jr.	1915	I	322 Orange St., Manchester, N.H.
Drach, Edgar	1917	XIII U.	Hotel Gibson, Cincinnati, Ohio
Drake, Allen Fairchild	1918		R. F. D., Whitman, Mass.
Drake, Frank Ellsworth	1916	II U.	186 Seaver St., Stoughton, Mass.
Drayton, Charles Osgood, Θ X	1917	VI	63 Washington St., Natick, Mass.
Drobisch, Raymond Wessells	1917	II	445 W. Prairie Ave., Decatur, Ill.
Drumme, William Wolfhowe, Θ X	1918		533 Washington St., Dorchester, Mass.
Dudley, Paul Fenno	1917	VI U.	185 School St., Milton, Mass.
Duff, Paul Harrington, Θ Σ	1916	XI	5 Dexter Row, Charlestown, Mass.
Duggan, Joseph Richard	1916	XI	1 West St., Milford, Mass.
Dumit, Michael Jaber, B.A.	1918	X	Beyrout, Syria
Dunbar, Joshua Frank, Jr., Φ K Σ	1917	XV U.	100 St. Mary's St., Boston, Mass.
Dunham, Atwood Packard, Φ Γ Δ	1917	II U.	309 Pleasant St., Brockton, Mass.
Dunn, Carl Theodore	1915	II	89 Thetford Ave., Dorchester, Mass.
Dunn, Donald Omar	1916	IV U.	234 Newbury St., Boston, Mass.
Dunning, Stanley Covert, Φ Γ Δ	1917	XV U.	3 Harvard St., Cambridge, Mass.
du Pont, Francis Victor, X Φ	1917	IX	808 Broome St., Wilmington, Del.

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Durkee, Chauncey Hilton	1915	II	31 Columbus Ave., Haverhill, Mass.
Duryea, George Root, Φ B E	1916	II	34 Federal St., Springfield, Mass.
Dyer, Herbert Arthur	1918		24 Elder St., Schenectady, N.Y.
Eales, Malcolm Alfred Lancelot	1918		4 Chestnut Pk., Melrose, Mass.
Earl, John Howard, Σ A E	1918		Doylestown, Pa.
Easley, Cary Breckinridge, B.S., A T Ω	1916	VI	River View, Richmond, Va.
Easter, George Jones	1915	XIV	805 Rio Grande St., El Paso, Tex.
Eastman, Richard Parks	1918		66 Pearl St., Melrose Hlds., Mass.
Eaton, George Oscar	1915	VI	51 Witherbee St., Marlboro, Mass.
Eaton, Irving Cutts	1917	XIV	Magnolia, Mass.
Eaton, Roland Hurlbut	1917	II U.	South Sudbury, Mass.
Eberhardt, John Dennett	1916	II	248 Gray St., Arlington, Mass.
Eddy, Carlton Winne	1915	II, VI	54 Magnolia St., Dorchester, Mass.
Eddy, Harrison Prescott, Jr., Φ Γ Δ	1917	XI	65 Gray Cliff Rd., Newton Centre, Mass.
Edgerton, Harold Charles, K Ξ A	1915	II U.	Mittineague, Mass.
Ekdahl, Edwin Albert	1916	VI	9 Cardington St., Roxbury, Mass.
Eksergian, Rupen	Grad.	VI	9 Madison St., Somerville, Mass.
Ekwall, George Olof	1918		"The Standish," Hall St., Waltham, Mass.
Ellicott, Charles Ellis, Jr., A.B.	1915	XIII	Melvale, Md.
Ellicott, Valcoulon LeMoyne	1916	VII U.	Melvale, Md.
Elliott, James Frederick, B.S.	1915	VI Sp.	9 Rill St., Dorchester, Mass.
Ellis, Herbert William	1916	VI	14 Courtland St., Middleboro, Mass.
Ellsworth, Samuel Morrison	1916	XI U.	117 Adams St., Braintree, Mass.
Ely, Dinsmore, A X A	1918		592 Cherry St., Winnetka, Ill.
Elz, George Adolph	1918	U.	86 Orchard St., Jamaica Plain, Mass.
Enebuske, Bror Viking, Σ X	1915	I	1067 Beacon St., Brookline, Mass.
Englebrecht, Walter Bernard	1918	U.	36 Jackson St., Tompkinsville, N.Y.
Engstrom, Karl Emil	1915	II U.	Lancaster, Mass.
Ennis, George Henry	1918		81 4th St., Derby, Conn.
Erb, Robert Curtis	1917	XV	7 Fenelon St., Dorchester, Mass.
Estes, Frederick Marion	1918		27 Englewood Ave., Brookline, Mass.
Evans, Alfred Radcliffe, Φ Σ K	1918		57 Clark St., Paterson, N.J.
Evans, Howard Tasker, Θ Ξ	1916	IV	464 Water St., Haverhill, Mass.
Evans, James Morrison, Φ Σ K	1916	II U.	57 Clark St., Paterson, N.J.
Eveleth, Frederic Cooley	1918		Windsor Locks, Conn.
Evelev, Yale	1918		107 Shawmut Ave., Boston, Mass.
Fairfield, John Guthrie	1916	II	Foster St., Littleton, Mass.
Fales, Dean Abner, Δ K E	1915	II	145 Highland St., W. Newton, Mass.
Fales, William Thurber	1917	VII	65 Bellvale St., Malden, Mass.
Farhi, Joseph	1916	I	Constantinople, Turkey
Farnsworth, Augustus Page, A T Ω	1917	X U.	6 Franklin Ter., Hyde Park, Mass.
Farr, Walter Greene, A T Ω	1917	II	Wenonah, N.J.
Farrar, John Robinson	1916	IV	Abington, Mass.
Farthing, William Jones, K Σ	1916	I U.	1602 Congress Ave., Houston, Tex.
Fehr, Gordon	1916	XI	Cape Colony, S. Africa

Name and Society	Class	Course	Home Address
Ferreira, Mizail Leme	1916	I U.	Braganca, Brazil
Ferretti, Alfred John	1917	II	92 Church St., Lynn, Mass.
Fessenden, Thomas Amory Deblois, X Φ	1915	VI U.	Bloomington, Ill.
Field, Burnham Evans	1915	X	44 North St., Portland, Me.
Fields, Russell Furness, Θ Ξ	1917	XV U.	40 Aspinwall Rd., Dorchester, Mass.
Fine, Harry	1917	X	135 Bowdoin St., Malden, Mass.
Finkelstein, Joseph Louis	1915	VIII	7 Anderson St., Boston, Mass.
Fisher, David Kirkpatrick Este, Jr., Litt. B.	1916	IV Sp.	1301 Park Ave., Baltimore, Md.
Fiske, Carlyle Darracott, A T Ω	1918		94 Corey St., W. Roxbury, Mass.
Fitch, Harold Warner	1918		136 Stoughton St., Dorchester, Mass.
Flagg, Paul Maxwell, B.S.	1917	II U.	3919 Walnut St., Philadelphia, Pa.
Flanders, Talbot, Φ Γ Δ	1916	II U.	49 Longwood Ave., Brookline, Mass.
Flannagan, Coke	1915	VI U.	243 N. Mountain Ave., Upper Montclair, N.J.
Fleming, William Harold, Δ T Δ	1916	II	818 St. Clair St., Akron, Ohio
Fletcher, Jesse, Jr., B.S., Φ Σ K	1916	IV Sp.	Union Trust Co., Indianapolis, Ind.
Fletcher, Ralph Andrew	1916	I	Westford, Mass.
Fletcher, Ralph Leslie, Σ A E	1915	II	103 Parade St., Providence, R.I.
Fletcher, Saxton Woodbury, Φ Γ Δ	1918		41 Salem St., Andover, Mass.
Flett, Lawrence Hugo, K Σ	1918		154 Youle St., Melrose, Mass.
Flint, James Arthur	1918		1570 St. Paul St., Denver, Col.
Fogarty, Thomas Smith	1918		6 S. Russell St., Plymouth, Mass.
Fogarty, Joseph Samuel	1915	VI	118 Bartlett St., Somerville, Mass.
Folk, Im Cheung, C.E.	1915	X Sp.	Canton, China
Folsom, Rolfe Ames	1918		76 Rockland Ave., Malden, Mass.
Fong, Gooye Yue	Grad.	VI	616 Grant Ave., San Francisco, Cal.
Fonseca, Edward Lawrence	1915	VI	75 Fayerweather St., Cambridge, Mass.
Foote, Francis Chandler, X Φ	1916	XI	Cooperstown, N.Y.
Ford, Frederic Leslie, Θ X	1917	IV U.	67 Willis St., New Bedford, Mass.
Ford, Karl Leonard	1918		4 Plymouth St., Salem, Mass.
Ford, Wendell Bradford, Θ X	1917	IV	67 Willis St., New Bedford, Mass.
Foss, Frederic Dearborn	1917	XI	2 Hancock St., Haverhill, Mass.
Foster, Howard Leslie	1916	XI	3 Greenwood St., Amesbury, Mass.
Foster, Newell Lathrop, Φ K Σ	1915	X U.	100 Perham St., W. Roxbury, Mass.
Foster, William Chapman, A Φ	1918		Stoneleigh Pk., Westfield, N.J.
Fouhy, Joseph John	1916	XI	21 Wall St., Charlestown, Mass.
Fowle, Donald Adams, K Σ	1915	IV	Francis St., Woburn, Mass.
Fowle, Walter Harrison	1916	II	8 Cedar St., Woburn, Mass.
Fowler, George Scott, B.S., M.S.	1915	VII	Wayland, Mass.
Fowler, Willis Herbert	1918		176 E. Foster St., Melrose, Mass.
Fox, Samuel Mickle, Jr.	1915	I	Torresdale, Pa.
Frank, Harry	1916	X U.	60 Glenway St., Dorchester, Mass.
Franklin, Stanley Hamilton	1918		17 Dorchester Ave., Providence, R.I.
Frazine, Hamilton Schaeffer, Θ Δ X	1915	II	12 St. Johns Pl., Buffalo, N.Y.
Freed, Edgar Stanley, B.S.	1915	V Sp.	412 Atkins St., Knoxville, Tenn.
Freeman, Edward Emery	1917	VI	2 Wilder St., Grove Hall, Boston, Mass.
Freeman, Hovey Thomas, Δ K E	1916	II	235 Arlington Ave., Providence, R.I.
Freeman, John Ripley, Jr., Δ K E	1916	XIV	235 Arlington Ave., Providence, R.I.

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Freeman, Oliver Francis	1918		12 Mystic Ave., Winchester, Mass.
Freeman, Osborn Ricker	1916	IV	45 S. Rodney St., Helena, Mont.
Freethy, William Stanley, Σ A E	1917	II	129 Tremont St., Ansonia, Conn.
Friend, Donald Osborne, Θ Δ X	1917	X U.	404 Clinton St., Brooklyn, N.Y.
Friery, John Wetherell	1918		169 Chestnut Ave., Jamaica Plain, Mass.
Fry, Charles Wilbur, Φ K Σ	1915	IV	100 Hollywood Ave., E. Orange, N.J.
Fuller, Clarence Chisholm	1918		50 High St., Mansfield, Mass.
Fuller, Harold Chipman, Φ Σ K	1916	X	22 Summit Ave., Salem, Mass.
Fuller, John Ransom	1918		Canaan, Conn.
Fuller, Samuel	1918		East Bridgewater, Mass.
Fulton, Francis Fisher, Δ T	1916	IV U.	12 Wales St., Dorchester, Mass.
Fulton, Garland, Δ Ψ	1916	XIII A	Charlottesville, Va.
Funk, Forest James, B.S.	1915	VII Sp.	Millersburg, Ind.
Fütterer, Wolfram Alexander, Δ Ψ	1917	VI U.	514 Fullerton Parkway, Chicago, Ill.
Gagnon, Ernest Camille	1916	X	18 Windsor Ave., Lynn, Mass.
Gagnon, Jules	1917	VII U.	18 Broad St., Newburyport, Mass.
Gaillac, Emile Bertrand	1918		113 Blossom St., Chelsea, Mass.
Gallagher, John Sears, A.B., Δ T	1915	I	2024 Austin Ave., Waco, Tex.
Gamage, Frederick Luther, Jr.	1917	VI U.	Pawling, N.Y.
Gannett, Robert	1917	II	2556 University Pl., Washington, D.C.
Gardiner, Charles Slocum	1915	I	788 Massachusetts Ave., Cambridge, Mass.
Gardner, Chester Russell	1916	I U.	11 Spring Hill Ter., Somerville, Mass.
Gardner, Hartley Burton, A T Ω	1917	VI	13 Bigelow St., Cambridge, Mass.
Gardner, Joseph Paul	1917	IV	1918 W. 20th St., Los Angeles, Cal.
Gargan, Joseph Aloysius	1917	XV U.	110 Winthrop St., Roxbury, Mass.
Gärtner, Walter Christian Frederick, Θ Ξ	1917	I	46 Spring Park Ave., Jamaica Plain, Mass.
Garza, Roberto	1918		Monterey, Mex.
Gauger, Raymond Richard, K Σ	1917	IV	1183 Como Blvd., St. Paul, Minn.
Gaus, Gilbert Herman, Φ Σ K	1916	VI	12 Jefferson St., Brooklyn, N.Y.
Gay, Robert Neil, A.B.	1917	VI U.	2713 Washington St., Waco, Tex.
Geer, Laurence Patten, Θ Ξ	1915	VII	38 Atlantic St., Lynn, Mass.
Geiger, Carl Earnest, Jr.	1918	U.	1223 E. Breckenridge St., Louisville, Ky.
Geisler, Hugo Paul	1918	U.	425 W. Wendock Ave., Saginaw, Mich.
Gelinas, Maurice Edward	1918		666 Merrimack St., Lowell, Mass.
Getchell, Carroll Foster	1918		45 Ellery St., Cambridge, Mass.
Gfroerer, Herbert	1916	II	50 Richfield St., Dorchester, Mass.
Gibbons, Thomas Manning	1917	I U.	Warren Ave., Milton, Mass.
Gidley, Robert Titus	1918		34 Dorchester St., Springfield, Mass.
Gifford, Eliot Wing	1917	I U.	65 Clinton St., New Bedford, Mass.
Giles, Allen Lester	1916	IV	66 Massachusetts Ave., Walpole, Mass.
Giles, Ernest Palmer	1917	IV U.	303 Ave. E, San Antonio, Tex.
Giles, Wesley Marshall, Φ Δ Θ	1916	VI	Anchorage, Ky.
Gilkey, Herbert James, B.S.	1916	I U.	Grants Pass, Ore.
Gillespie, Kingsley Alexander, Φ Σ K	1917	X U.	117 Prospect St., Stamford, Conn.
Gillett, Lawrence Arnold	1918	U.	70 Bromfield St., Newburyport, Mass.

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Gilliard, Charles Thomas	1917	II	55 Woodland St., Lawrence, Mass.
Gilmour, Arthur Emerson	1917	II	26 Upland Rd., Cambridge, Mass.
Gilt, Carl Mitchell, A.B.	1917	VI	Charlotte, N.Y.
Ginsburg, Jacob	1915	II	3 Florence St., Lawrence, Mass.
Giuranovich, Arthur Joseph, Jr.	1918	U.	471 Columbus Ave., Boston, Mass.
Gladding, Raymond Daniel, B.S., Θ X	1915	XI	Gladding Pl., Fall River, Mass.
Glann, Charles, A.B.	1916	VI	38 N. Church St., Cortland, N.Y.
Gleason, Harold Low	1918	U.	8 Laurel St., Dorchester, Mass.
Gleason, Robert Winfred	1918		3 Summit St., S. Framingham, Mass.
Glen, Frederick Fliedner, Σ X	1917	IV Sp.	Portland, Ore.
Goepfert, Gale Dorr	1917	IV	Euclid & E. 116th St., Cleveland, Ohio
Gokey, Noah Webster, A X A	1917	XIII U.	536 E. Second St., Jamestown, N.Y.
Goldberg, Morris	1915	II	91 Intervale St., Roxbury, Mass.
Goldsmith, Henry Friedberger, B.A.	1917	X	2308 N. Broad St., Philadelphia, Pa.
Goldstein, Edwin Jacob	1916	X	18 Adelaide St., Hartford, Conn.
Gomez, Crescencio Fausto	1918	U.	Tegucigalpa, Honduras, C.A.
Goodale, Francis	1917	XI	Marlboro, Mass.
Goodell, Edwin Burpee, Jr., Δ K E	1915	IV	63 Park St., Montclair, N.J.
Gooding, Percy Poole	1916	X	101 Glenwood Ave., Hyde Park, Mass.
Goodman, Aaron	1918		106 Union Park St., Boston, Mass.
Goodwin, Thomas Laurence, Jr.	1918		26 Aberdeen St., Newton Hlds., Mass.
Goodwin, Walter Germain	1917	II U.	100 Green St., Melrose, Mass.
Gordon, Barnett David	1916	X	205 Columbia Rd., Dorchester, Mass.
Gore, John	1916	X	34 Rowe St., Auburndale, Mass.
Gorfinkle, Louis	1917	I	35 N. Russell St., Boston, Mass.
Goss, Donald Chapin, A X A	1918		39 Deer Cove, Lynn, Mass.
Gottlieb, Julius	1918		199 Chelsea St., E. Boston, Mass.
Goudey, Raymond Freeman	1917	XI	92 Linden St., Everett, Mass.
Gould, Gardner Seabury, Δ T	1918		316 Main St., Fitchburg, Mass.
Gould, Prescott Wilder, Φ B E	1918		1206 Boylston St., Newton Upper Falls, Mass.
Gove, Frank Stanley	1916	XIV	9 Garden St., Newburyport, Mass.
Gradolph, Alfred Peter, S.B.	1915	II Sp.	9 Mercer Circle, Cambridge, Mass.
Graff, Murray Gensel, Σ X	1916	VI	275 S. Clarkson St., Denver, Col.
Gramstorff, Emil Anton	1917	IV	145A Belmont St., Everett, Mass.
Graustein, Edward Adolf, A.B.	1916	I	19 Arlington St., Cambridge, Mass.
Graves, William Lee, A Φ	1917	VI	458 Centre St., S. Orange, N.J.
Gray, Charles Harry Grace	1918		36 Alpha Rd., Dorchester, Mass.
Gray, Guy Augustus, Φ B E	1916	II U.	2033 E. 83d St., Cleveland, Ohio
Gray, Harold Parker, K Σ	1916	II	86 Cedar Pk., Melrose, Mass.
Gray, William Ayres, Jr., K Σ	1917	III U.	736 Salem Ave., Elizabeth, N.J.
Greely, Benjamin Morrill, Jr.	1918		10 Ainsley St., Dorchester, Mass.
Green, Howard Whipple, A.B., K X	1916	XI	383 S. Main St., Woonsocket, R.I.
Green, William, S.B.	Grad.	VI	60 Lexington St., Waverly, Mass.
Greenleaf, Allen Raymond	1915	XIV	39 Jordan Ave., Wakefield, Mass.
Greenleaf, Earl Austin	1917	I	11 South St., Woburn, Mass.
Grisopoulos, Agesilaus, B.A.	1918		69 Spruce St., Manchester, N.H.
Grohe, Robert Ferdinand	1918		3 Westerly St., Roxbury, Mass.
Gross, Charles Frederick	1916	XIII U.	916 E. North Ave., Baltimore, Md.
Grossman, Alfred Philip	1918		18 Holbrook Ct., Melrose, Mass.
Groves, Leslie Richard, Jr.	1917	I U.	Fort Lawton, Wash.

Name and Society	Class	Course	Home Address
Gruber, Rudolf Edward	1916	X	Freiburg, Germany
Grunsfeld, Ernest Alton, Jr.	1918		2 W. 88th St., New York, N.Y.
Guething, Carl Theodore, X Φ	1916	II	Hollis, N.H.
Guilbert, Horace Moss, B.A.	1918	II	Southport, Conn.
Guimaraes, Antonio Ribeiro	Grad.	VI	Rio Preto, Minas-Geraes, Brazil
Gunts, Robert Fulton	1916	VI	2706 N. Charles St., Baltimore, Md.
Guptill, Arthur Leighton	1916	IV Sp.	Gorham, Me.
Guss, Maynard Cameron	1916	I	Middleton, Mass.
Gustin, Ernest Ellis	1917	II U.	3 Virginia St., Somerville, Mass.
Guthrie, John Foster	1915	II	30 Maple St., Waltham, Mass.
Hafner, Victor Leonard Simon	1916	IV Sp.	34 Appleton St., Boston, Mass.
Haggkvist, Fred Eric	1916	II	31 Rockwell St., Malden, Mass.
Haines, Elmer Burke, Δ K E	1917	II U.	Portland, Conn.
Halberstadt, Alexander Ernest, Λ Φ	1916	VI	1 Odell Pl., New Rochelle, N.Y.
Hale, Clarence William, Θ Δ X	1915	IX	36 Magnolia Ter., Springfield, Mass.
Hale, Edwin Dudley	1916	X U.	495 Columbia Rd., Dorchester, Mass.
Hale, George Raymond, S.B.	1915	VI Sp.	16 Old Harbor St., S. Boston, Mass.
Halfacre, George Frederick	1918		63 St. Germain St., Boston, Mass.
Hall, Alfred Edgar Burton	1915	II	54 Exchange St., Portland, Me.
Hall, Albert Stanley	1917	VI	216 Erie St., Cambridge, Mass.
Hall, Benjamin Taylor	1917	II	40 River Ave., Norwich, Conn.
Hall, Charles Loring	1915	I	533 W. Park St., Dorchester, Mass.
Hall, Edward Reynolds, Δ Ψ	1916	IV	Magnolia, Mass.
Hall, Frank Winston, B.S.	1915	V	Georgetown, Tex.
Hall, George Lawrence	1918	U.	198 W. Emerson St., Melrose, Mass.
Hall, Horace Edward, Φ Γ Δ	1916	X U.	1440 Wood Ave., Colorado Springs, Col.
Hall, Irving Gilmore, Jr., Α Γ Ω	1918		192 Summer St., Somerville, Mass.
Hamburg, Abraham	1917	XI	31 Temple St., Boston, Mass.
Hamill, Charles Hugh	1916	I	49 Warren St., Stoneham, Mass.
Hamilton, Norman Ray	1918		43 Upland Rd., Cambridge, Mass.
Hammond, William Scott, Σ X	1917	I	1126 Washington Ave., New Orleans, La.
Hanchett, Walter Richardson	1915	II	89 Harvard St., Lowell, Mass.
Hancock, Grenville Laing	1918		718 N. Broadway, Fargo, N.D.
Handlin, Claire Venney	1917	X U.	423 N. 15th St., Fort Smith, Ark.
Hands, Howard Albert	1916	VI	417 Beacon St., Lowell, Mass.
Hanford, Edgar Francis	1916	XIII	220 Neponset Ave., Dorchester, Mass.
Hanley, John Merrill	1918		29 Romsey St., Dorchester, Mass.
Hannafin, William George	1918		15 Sargent St., Lowell, Mass.
Hannah, Thomas Ewing	1917	I	70 Congress St., Fitchburg, Mass.
Hansberry, Thomas William	1917	I U.	Waldeck Rd., E. Milton, Mass.
Hansen, Clarence Thorvald	1916	V U.	43 Fayette St., Cambridge, Mass.
Hanson, Edwin Robert	1917	VI	6 Carson St., Dorchester, Mass.
Harbaugh, William Milton, A.B.	1915	VI	1512 E. Pike's Peak, Colorado Springs, Col.
Hardwick, Richard, Δ T	1917	VII U.	32 Concord St., Malden, Mass.
Harlow, Foster Chichester	1917	I	89 Blue Hill Parkway, Milton, Mass.
Harper, Robert Ramsey, Σ A E	1915	III	1204 21st St., Des Moines, Ia.
Harrall, Edwin Russell	1918		61 Everett Ave., Providence, R.I.
Harriman, Vincent Spaulding	1918	U.	876 Crescent St., Brockton, Mass.

Name and Society	Class	Course	Home Address
Harrington, Carlin Forrest	1917	II U.	20 Circuit St., Roxbury, Mass.
Harrington, Walter, $\Phi \Gamma \Delta$	1917	XI	1060 Central Ave., Plainfield, N.J.
Harris, Ray Wenzell, $\Delta \Upsilon$	1918		21 Prospect Ave., Rumford, Me.
Harrower, Paul Dexter	1916	II	45 Bloomingdale St., Chelsea, Mass.
Harshberger, Venaldo Harris, A.B.	1916	I U.	Huntington, Pa.
Hart, Ralph	1915	X	44 Devon St., Roxbury, Mass.
Hart, Robert Francis	1915	XIII U.	75 Maple Ave., Morristown, N.J.
Hartman, Henry Frederick George	1917	III	59 Lexington St., Waltham, Mass.
Harvey, Clarence Wardwell	1917	VI	35 Hillside Ave., Medford, Mass.
Haslam, George Greville, $\Delta \Psi$	1915	IV U.	Derry, N.H.
Haslam, Reed Hamilton	1917	II	259 Fairmount Ave., Hyde Park, Mass.
Hastie, Frank Bowman, ΣX	1916	I U.	107 Westervelt Pl., Passaic, N.J.
Hatch, Freeman Clark, Jr.	1917	II U.	201 Warren Ave., Wollaston, Mass.
Hatch, Forrest Meldon	1917	II U.	38 Ferry St., Malden, Mass.
Hatch, Herbert Willard	1918		196 Pleasant St., Brockton, Mass.
Hatch, Paul, $\Phi K \Sigma$	1916	II	123 Grant Ave., Newton Centre, Mass.
Hathaway, Mortimer Deland, Jr.	1918		703 Sixth St., Rochelle, Ill.
Haumann, Earl Leason	1916	XIV	144 Malden St., Revere, Mass.
Hauser, Walter Joseph	Grad.	IV	5 Carson St., Dorchester, Mass.
Haviland, Theodore Z., $\Sigma A E$	1917	II U.	27 Greene Ave., Norwich, Conn.
Hawes, Calvin Wesson	1916	II U.	20 Avon St., Wakefield, Mass.
Hawes, Clayton Prescott, K E	1916	VI	North Dartmouth, Mass.
Hawley, Kenneth Fabins	1916	VI	989 Oak St., Salem, Ore.
Hayden, Edmund McKendree, Jr., A.B.	1916	X	263 Newbury St., Boston, Mass.
Haylett, Robert Everett, B.S., B Θ II	1915	X	2904 Wells St., Milwaukee, Wis.
Hayward, Roy Loring	1915	I U.	South Easton, Mass.
Hazard, Frederick Rowland, Jr., A.B., A.M.	1916	X Sp.	Box 2, Syracuse, N.Y.
Heath, Carl Jeffrey	1917	II	Stockbridge, Mass.
Heath, Harlan Blake	1918		124 W. Newton St., Boston, Mass.
Heath, Leslie John, A.B., A.M.	1915	V	51 Crescent Ave., Chelsea, Mass.
Hefler, Richard Evans	1916	I	Dennis, Mass.
Hegenberger, Albert Francis	1917	I	685 Seventh St., S. Boston, Mass.
Heller, John Kretzing, $\Delta X A$	1917	XV	842 Fifth Ave., Helena, Mont.
Hellier, Edward Whittier, $\Phi \Gamma \Delta$	1918	U.	Marion, Mass.
Helrick, Carl Sanfrid	1918		139 Buckman St., Everett, Mass.
Helseth, Sigurd Trygve, A.B., $\Delta \Upsilon$	1915	X	Appleton, Minn.
Henderson, George Winslow	1917	I	Kendal Green, Mass.
Henly, Daniel John	1917	IV Sp.	676 Sullivan St., Berlin, N.H.
Henry, Walter Joseph	1918		23 Water St., Neponset, Mass.
Hepinstall, John	1916	I U.	406 Talbot St., St. Thomas, Ont.
Herbert, Servall, $\Theta \Delta X$	1917	XI	229 Avenue A, Bayonne, N.J.
Herfurth, Walter Robert	1918		70 Batavia St., Boston, Mass.
Herman, Ervins Olney	1918		16 Omar Ter., Newtonville, Mass.
Hewins, Edward Foster, $\Phi B E$	1916	XIII	Box 2, Hampton, Va.
Hibbard, Lyman Charlton	1917	III U.	144 E. 7th St., Plainfield, N.J.
Hickey, John James	1916	XI	90 Murdock St., Brighton, Mass.
Higgins, Ernest Russell	1918		303 Pleasant St., Milton, Mass.
Highley, Seward	1915	I	11 Powder House Rd., Medford, Mass.
Hilbert, Otto William	1915	II	27 Franklin St., Holyoke, Mass.
Hilbert, William Edward	1918		27 Franklin St., Holyoke, Mass.
Hill, Lucius Tuttle, $A \Phi$	1917	VI	75 Monmouth St., Brookline, Mass.
Hiller, Adelbert Delano, $\Theta \Delta X$	1915	VII	Marion, Mass.
Hills, Leander Herbert	1917	XIV	13 Trask St., Gloucester, Mass.

Name and Society	Class	Course	Home Address
Hilton, Gabe Bouck, $\Phi \Gamma \Delta$	1915	III	Oshkosh, Wis.
Hinckley, Nelson Crosby	1917	II U.	Vineyard Haven, Mass.
Hine, Tredick Kittredge, $\Theta \Xi$	1916	IV	32 Forest St., New Britain, Conn.
Hoffman, Leslie Albert	1917	II U.	886 Canterbury St., Roslindale, Mass.
Hoffmann, Saul Alexander	1916	X U.	546 S. Chicago St., Joliet, Ill.
Hogan, John Forbes	1916	IV	17 Beech St., Pawtucket, R.I.
Hohl, George Maurice, Ph.B., ΣX	1915	III Sp.	214 Bushkill St., Easton, Pa.
Holbrook, Frederick Cabot, A.B.	1916	I Sp.	501 Beacon St., Boston, Mass.
Holden, Dudley Furber, $Z \Psi$	1916	X U.	153 Central St., Winter Hill, Mass.
Holden, Thomas Steele, B.A., M.A.	1916	IV Sp.	Austin, Tex.
Hollister, Richard Carpenter	1918	IV Sp.	238 Pine St., Springfield, Mass.
Holmberg, Carl Herbert	1916	I	6 Pleasant St., Wakefield, Mass.
Holmes, Albert, $\Theta \Xi$	1916	VI	5618 Colorado Ave., Washington, D.C.
Holmes, John Colburn, A.B., $B \Theta \Pi$	1915	II	Franklin, N.H.
Holmes, Stephen Roy, A.B., $A T \Omega$	1915	VI	Corydon, Ia.
Holt, Clarence Gilliland	1917	VI	26 Trenton St., Melrose, Mass.
Holt, Osgood Wellington	1917	II	16 Pleasant St., Arlington, Mass.
Holt, Wildred Reynolds	1918		East Haven, Conn.
Holton, John Hill	1917	X	10 Warner St., Dorchester, Mass.
Holway, William Rea	1915	XI	Sandwich, Mass.
Homan, John, $\Theta \Xi$	1916	II U.	31 Beach Ave., Swampscott, Mass.
Hood, John Marshall	1916	V	Turners Falls, Mass.
Hooper, Benjamin Morris	1918		112 Beach St., Wollaston, Mass.
Hooper, Donald Oren	1915	II	147 Ashmont St., Woodfords, Me.
Hopkins, Frank Herbert	1918		85 W. Water St., Rockland, Mass.
Hopkins, Spencer Drummond, A.B.	1916	II	Onancock, Va.
Hopkinson, Henry, LL.B.	1918	Sp.	128 Oxford St., Cambridge, Mass.
Horan, Charles Francis	1915	VII Sp.	308 Vine St., Johnstown, Pa.
Hou, Te Pang	1917	II	Foochow, China
Houser, William Arnold, A.B., $\Phi B E$	1915	II	157 Avery St., Detroit, Mich.
Howard, Alan Frank	1918	U.	48 Nashua St., Woburn, Mass.
Howard, Frank Charles	1917	X	35 Byron St., Haverhill, Mass.
Howard, Paul Henry	1918	U.	48 Nashua St., Woburn, Mass.
Howard, William Floyd, B.S.	1916	IV	Fairbanks, Wash.
Howe, Julian Cheever, $\Phi K \Sigma$	1918		Cohasset, Mass.
Howes, Paul Sampson	1915	IV	165 Westminster St., Springfield, Mass.
Howlett, Clarence Weare, $B \Theta \Pi$	1915	X	12 Whittier St., Cambridge, Mass.
Hoye, Stephen Aloysius	1918		1016 Washington St., Dorchester, Mass.
Hsi, Te Chun	1915	III	Shanghai, China
Hsin, Chee-Sing	Grad.	XIII B	Che-Kiang, China
Hsu, Chuan Yuan	1918		Tientsin, China
Hsu, Pei Hwang	Grad.	V	Shanghai, China
Hsu, Yun-chung	1918		Nanking, China
Hu, Poh Yuan	1916	III	Shanghai, China
Huang, Han Ho	1918		Amoy, China
Hubbard, Frank Simmons, $\Sigma A E$	1916	I U.	70 Sudbury Rd., Concord, Mass.
Hudder, Ernest William	1917	II Sp.	35 Trask St., Gloucester, Mass.
Hudson, Charles Maynard	1916	VI U.	44 High St., Natick, Mass.
Huff, Thomas Henri, $\Sigma A E$	1915	II U.	2027 Upland Way, Overbrook, Pa.
Hughes, David Mulvane, $A \Phi$	1915	VI	1133 Topeka Ave., Topeka, Kans.
Hugo, Ottomar Gay, $\Theta \Delta X$	1918		335 W. Mistletoe Ave., San Antonio, Tex.
Hulburd, Philip Edwin, $\Delta T \Delta$	1917	IV	110 The Riverway, Boston, Mass.
Hull, Frank Jay, A.B.	1915	VII Sp.	Greene, Me.

Name and Society	Class	Course	Home Address
Hunneman, John Richard, A.B.	1916	II	Abbott Rd., Wellesley Hills, Mass.
Hunt, Gilbert Agnew	1917	I U.	437 New Jersey Ave., S.E., Washington, D.C.
Hunt, Philip Linscott, Σ A E	1918		216 Lowell St., Peabody, Mass.
Hunter, Henry Mitchell, Σ N	1916	X U.	Union Springs, Ala.
Hunter, William Brown, Δ Φ	1917	X	35 Stetson St., Fall River, Mass.
Hurlbutt, Frederick Lewis, K A	1915	II U.	52 Potomac Ave., Buffalo, N.Y.
Hurvitz, Benjamin	1915	X	54 Cross St., Boston, Mass.
Husted, Donald Robertson	1916	XIV	18 Temple Ave., Winthrop, Mass.
Hutchings, George Bradford, Jr., Φ Σ K	1918		128 Prospect St., Stamford, Conn.
Hutchinson, Edward Howard	1917	IV U.	10 Sparhawk St., Brighton, Mass.
Hyde, Stanley Winship	1917	VII U.	70 Tremont St., Malden, Mass.
Hyneman, John	1915	I	202 Chestnut Ave., Jamaica Plain, Mass.
Iasigi, Marie Victoire	1916	IV Sp.	46 Gorham Ave., Brookline, Mass.
Igleheart, George Priest, X Ψ	1916	II U.	1434 Spring St., Berkeley, Cal.
Ingham, Rodney Wiggin	1917	Sp.	22 Hancock St., Winchester, Mass.
Ingle, John Byron, Φ Δ Θ	1916	II U.	730 Beech St., San Diego, Cal.
Ingraham, Franklin Temple, A.B.	1916	I	Wellesley, Mass.
Ireland, Harold Kent	1918		80 High St., Newburyport, Mass.
Irwin, James Clark, Jr.	1918		43 Highland Ave., Newtonville, Mass.
Jackson, Bethell Howard, M.E., M.A.	1915	X Sp.	Boulder, Col.
Jackson, Harvey Wheeler, A.B., B Θ II	1916	IV	Herkimer, N.Y.
Jacobs, Clifton Newman	1915	X	37 Pond St., Waltham, Mass.
Jacobs, Sidney Joseph	1918		97 Washington Ave., Richmond Hill, N.Y.
Jacobson, David Lyon, B.S.	1916	X	578 Grand St., Jersey City, N.J.
James, Hubert Stafford, A T Ω	1915	IV U.	84 Monatiquot Ave., Braintree, Mass.
Jameson, Gordon Rogers, Σ A E	1915	II	58 Beach St., Wollaston, Mass.
Janson, John Charles, Jr.	1918		252 Andover St., Lawrence, Mass.
Jasionowski, Vitold Adam	1915	II U.	Sebastopol, Russia
Jenkins, Edward Summers	1916	I U.	72 Coburn St., E. Lynn, Mass.
Jennings, William, Σ X	1915	I	1205 Second Ave., Salt Lake City, Utah
Jepsky, Abraham	1918		149 Paris St., E. Boston, Mass.
Jerman, Herbert Foster, Σ X	1918		276 Summer St., Stamford, Conn.
Jewett, Theodore Carter, X Φ	1916	II	Buffalo, N.Y.
Johansen, Charles John Christian	1917	VI	42 Van Winkle St., Ashmont, Mass.
Johnson, Arthur Kimbal	1918		Andover, Mass.
Johnson, Arthur Sanborn	1918		50 Woodland St., Newburyport, Mass.
Johnson, Benjamin Lewis	1915	IV Sp.	1724 Cass St., La Crosse, Wis.
Johnson, Everett Bailey	1916	VII	2 Johnson St., Newburyport, Mass.
Johnson, Gardner Endicott, B Θ II	1918		95 Centre St., Danvers, Mass.
Johnson, Kenneth Sherman, B Θ II	1915	II	51 S. Pine Ave., Albany, N.Y.
Johnson, William Frank	1917	I U.	1215 Steuben St., Utica, N.Y.
Johnson, William Trumble, Jr.	1917	VII	Washington, D.C.
Johnston, Terence Roy, Φ B E	1915	IV	52 Rue Ribera, Paris, France
Jones, Bertram Francis, Ph.G.	1918	U.	637 Shawmut Ave., Boston, Mass.
Jones, David Morris, A.B.	1916	VI U.	Wabasha, Minn.
Jones, Fiske Reed, B Θ II	1915	II	64 Charlesgate East, Boston, Mass.
Jones, James Lauris	1918		51 Ocean Ave., Salem, Mass.

Name and Society	Class	Course	Home Address
Jones, Lee Hall, Δ K E	1917	II U.	1806 S. Fremont Ave., Minneapolis, Minn.
Jones, Pierre Faneuil, B.S.	1915	V	434 Washington Ave., Brooklyn, N.Y.
Jones, William Alfred	1918		51 Putnam Ave., Cambridge, Mass.
Jorgensen, Virgil Williams	1918	IV Sp.	3000 Pacific Ave., San Francisco, Cal.
Joslin, Asher Winthrop	1917	I U.	134 Stratford St., W. Roxbury, Mass.
Joslin, Elmer Levi	1917	I U.	Concord, Mass.
Joslyn, Ralph Palmer	1915	X	Holliston, Mass.
Judge, Charles Eric	1917	VI U.	199 Commonwealth Ave., Concord Jet., Mass.
Junkins, Walter Hilton, B.S.	1916	VII U.	124 Cabot St., Portsmouth, N.H.
Justheim, Clarence Irving	1918		67 Walworth St., Roslindale, Mass.
Kahn, Kenneth Desprès	1915	X	334 W. La Salle Ave., S. Bend, Ind
Kaiser, Karl Herman	1918		18 Haviland St., Boston, Mass.
Kaler, Harold Vincent LeRoy	1918		Billings St., Sharon, Mass.
Kao, TaKang	1915	II	Shanghai, China
Kaufman, Manahan Bremner	1915	X	13 Lowell Ter., Lawrence, Mass.
Kaula, Edgar Louis, Φ B E	1916	X	36 Richdale Ave., Winter Hill, Mass.
Keach, Leon	1917	IV—	1 Weldon St., Roxbury, Mass.
Keating, Arthur Elmer	1917	II	893 Seaview Ave., Bridgeport, Conn.
Keeler, Harold Young, X Φ	1917	XV U.	Ridgefield, Conn.
Keene, Horatio Nelson	1917	XV	1074 River St., Hyde Park, Mass.
Keith, Gerald Marcy, Φ B E	1915	I	1815 Ditmas Ave., Brooklyn, N.Y.
Keith, Stewart, B Θ II	1916	I U.	Brewster, Mass.
Kellaher, Paul Joseph	1918	U.	85 Hamilton St., Dorchester, Mass.
Kelleher, John Augustine	1915	V U.	530 Canton St., W. Stoughton, Mass.
Keller, Parry	1915	II	36 Grand View Ave., Medford, Mass.
Kelley, Joseph Aloysius	1918		9 Hawthorne St., Haverhill, Mass.
Kelly, John George, Jr., B.S.	1915	I U.	Portland, Ore.
Kelly, Thomas Patrick	1918		15 Pond St., Jamaica Plain, Mass.
Kemkemian, Bedross, A.B.	1917	I	Cairo, Egypt
Kemp, Emory Leopold	1916	II U.	494 Adams St., Dorchester, Mass.
Kendall, Donald Sargent, Θ Δ X	1917	X	40 N. Arlington Ave., E. Orange, N.J.
Kenigsberg, Alexander	1917	I	9 Waverly St., S. Framingham, Mass.
Kennard, John William Bennett	1918		15 Folsom St., Dorchester, Mass.
Kennard, Richmond Parry, Δ Ψ	1918		32 Powell St., Brookline, Mass.
Kennedy, Charles Thomas	1918		38 Batavia St., Boston, Mass.
Kennedy, Grafton Sherwood, B.A.	1917	II	Dayton, Ohio
Kennedy, Parker Henry	1918		2 Alden St., Middleboro, Mass.
Kennedy, Verne Cornelius	1915	VI U.	Canton, S.D.
Kenney, Arthur Webster	Grad.	V	12 Taft St., Dorchester, Mass.
Kerstein, Benjamin Hoffman	1916	I U.	19 N. Russell St., Boston, Mass.
Kilduff, John West	1918		354 Columbus Ave., Boston, Mass.
Kiley, John Timothy	1918	U.	11 Morton St., Somerville, Mass.
Kilgore, Harold Dudtin	1918		20 Exchange St., Gloucester, Mass.
Kimball, Henry Maxwell	1917	IV U.	Amherst, Mass.
Kimball, Norris Eaton, Δ X A	1915	II	25 Park St., Haverhill, Mass.

Name and Society	Class	Course	Home Address
Kimball, Russell Gerry	1918	Sp.	25 Park St., Haverhill, Mass.
King, Howard Langdon, A.B., M.A.	1915	I	559 W. 164th St., New York, N.Y.
King, Kenneth Theodore, Δ T Δ	1915	X	5456 Ferdinand St., Chicago, Ill.
Kingsbury, Chester Lyman, Δ T	1918		85 Winter St., Keene, N.H.
Kingsbury, Edward Joslin, Δ T	1915	II	85 Winter St., Keene, N.H.
Kittredge, George Davis, Δ T Δ	1917	I	412 N. Broadway, Yonkers, N.Y.
Kleinert, Albert Emanuel, Jr.	1916	I	523 3d St., Brooklyn, N.Y.
Kline, Franklin Latimore, B.A., X Φ	1917	IV U.	410 Georgia Ave., Chattanooga, Tenn.
Klink, Nassime Solomon	1915	I	19 Pine St., Lawrence, Mass.
Klipstein, Herbert Clement, A.B.	1915	X	644 Greenwich St., New York, N.Y.
Knapp, Harold Anthony	1917	X	26 E. High St., Newbury, Mass.
Knight, Arthur Raymond	1917	X	13 Bromfield St., Newburyport, Mass.
Knight, Herbert Wilcox, M.D.	1915	VII Sp.	Mansfield, Pa.
Knieszner, William Tobias	1916	VI	9 Hoyt St., Danbury, Conn.
Knowland, Richardson Grant	1916	X U.	43 Green St., Newburyport, Mass.
Knowland, Thomas Millbury	1918		43 Green St., Newburyport, Mass.
Knowles, Herbert Isaac	1915	V	98 Cypress St., Brookline, Mass.
Knox, Cornelius Van Santwoord, A.B.	1917	I U.	58 Bayard St., New Brunswick, N.J.
Koo, Vi Tsing	Grad.	VI	Kiangsu, China
Kramer, Charles George	1915	X	99 Elmo St., Dorchester, Mass.
Krasnoff, Nathaniel	1918		Union, S.C.
Krigger, Anselmo	1916	I	416 Franklin St., Cambridge, Mass.
Krug, Frank Stanley, Δ T Δ	1917	VI	3352 Jefferson Ave., Cincinnati, Ohio
Kruse, Ferdinand John	1917	VI	165 Hayward St., Brooklyn, N.Y.
Kuehle, Frederick William	1916	VI U.	2834 N. Calvert St., Baltimore, Md.
Kuljian, Harry Asdior	1918	U.	Aintab, Turkey
Kurazawa, Horoshi	1916	XIV U.	Nagano, Japan
Kuttner, Julius	1915	II	501 W. 113th St., New York, N.Y.
Kwan, Sung-sing	1918	U.	Tientsin, China
Lacey, Henry Richard	1918		20 Sargent Ave., Somerville, Mass.
Lacy, Clive Woodbury, B Θ II	1915	VI	1640 Main St., Dubuque, Ia.
Lake, Hermon Rafael	1917	IV U.	Hotel Fresno, Fresno, Cal.
Lam, Von-fong	1915	XIII B	Canton, China
Lamson, Horatio Wellington	1915	VIII	10 Oakland Ave., Arlington Hts., Mass.
Landers, Bernard	1915	X	47 Revere St., Boston, Mass.
Landru, Emile, Φ Σ K	1915	II	365 Park Ave., Paterson, N.J.
Lane, Frederic Allen	1918		7 Madison Ave., Gloucester, Mass.
Lane, Harry Adelbert	1917	Sp.	Ithaca, Mich.
Lane, Kenneth Mortimer, K Σ	1917	XI	20 Lawson Rd., Winchester, Mass.
Lane, Stanley Mayall	1917	X U.	82 Evans Rd., Brookline, Mass.
Langley, Harold Edward	1918		133 Webster St., Haverhill, Mass.
Lauphler, Basil, A.B.	1916	VI U.	2533 Cass St., Omaha, Neb.
Lansil, Clifford Earl	1917	VI	33 Burnham St., Waverly, Mass.
Lapham, Samuel, Jr., A.B.	1916	IV	34 Legare St., Charleston, S.C.
Lapp, Benjamin	1915	X	33 Spring St., Boston, Mass.
Larner, Harold, Θ X	1916	XIII	948 Massachusetts Ave., Cambridge, Mass.
Larner, Herbert Beamish	1917	VII U.	948 Massachusetts Ave., Cambridge, Mass.

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Lassoff, Benjamin William, E.E.	1915	VI	153 Lorimer St., Brooklyn, N.Y.
Lauer, Luther Michael, A.B.	1917	X	Thomasville, Pa.
Lavine, Harry Louis	1917	X	242 Shawmut Ave., Boston, Mass.
Law, Harry Heap	1915	IV Sp.	26 Howe St., Dorchester, Mass.
Lawrance, Charles William, $\Phi \Gamma \Delta$	1916	VII	85 Islington Rd., Auburndale, Mass.
Lawrason, Levering, $\Sigma A E$	1916	II	St. Francisville, La.
Layng, Edward Crippen, $\Lambda \Phi$	1918		Short Hills, N.J.
Leach, William Butler, Jr., B.S.	1916	X U.	Hubbard Woods, Ill.
Lee, Charles Shepard, ΘX	1915	III Sp.	25 Granite St., New London, Conn.
Lee, Stephen Mead, ΘX	1917	II	25 Granite St., New London, Conn.
Leeb, Henry Lorent, $\Lambda \Phi$	1915	VI	166 Ralston Ave., S. Orange, N.J.
Legge, Elmer Earle, $X \Phi$	1918		90 Harvard St., Brockton, Mass.
Leighton, John Robert	1916	I U.	100 Winslow St., Everett, Mass.
Lemmon, Mark, A.B., ΣX	1916	IV Sp.	Dallas, Tex.
Lemp, Boudy	1918		555 W. 9th St., Erie, Pa.
Leonard, Julian Tobey, $\Sigma A E$	1918		390 Commonwealth Ave., Boston, Mass.
Leonard, Paul Cooleage, ΣX	1917	XV U.	Lakeville, Mass.
Leonard, Ralph Stanley	1918		70 Gooch St., Melrose, Mass.
Leslie, James Frank, B.E.E.	Grad.	VI	1029 Corydon Ave., Winnipeg, Manitoba, Canada
Levene, Rubin	1918		25 Lawrence Pk., Roxbury, Mass.
Levey, Benjamin	1916	XI	30 School St., Middleboro, Mass.
Levi, Elijah	1917	II	24 Lambert St., Roxbury, Mass.
LeVine, Harry Carl	1918		25 Holbrook Ct., Melrose, Mass.
Levine, Leonard Isaac	1918		5 Nottingham St., Dorchester, Mass.
Levy, Barney Benjamin	1917	XV	94 Wayland St., Dorchester, Mass.
Lewis, Benjamin Ireson, $\Lambda X A$	1917	XIII	87 Ocean St., E. Lynn, Mass.
Lewis, Chester Franklin	1916	I	56 E. Springfield St., Boston, Mass.
Lewis, Earl Carleton	1917	II U.	12 Eutaw Ave., E. Lynn, Mass.
Lewis, Harry Irving	1915	II	18 Haviland St., Boston, Mass.
Lewis, Ira Sibley	1915	I U.	53 Irving St., Framingham, Mass.
Lewis, William Robert	1915	IV	Elkhorn, W. Va.
Li, Sing Dji	1915	II U.	Hofei, Anhin, China
Li, Yung Ching	1917	VI U.	Anhin, China
Liddell, William Andrew	1916	I	25 Twelfth St., Lowell, Mass.
Liebensberger, Merrill Clifford, $\Phi \Sigma K$	1916	IV U.	521 N. James St., Hazleton, Pa.
Lieber, Albert Carl, Jr., $\Theta \Sigma$	1916	I	20 Boylston St., Jamaica Plain, Mass.
Lindgren, Carl Alfon	1918		36 Maple Ave., Hathorne, Mass.
Linscott, Chester Earl	1918		479 Dudley St., Roxbury, Mass.
Lipman, Saul Harold	1916	X	25 Intervale St., Roxbury, Mass.
Lippitt, Charles Warren, Jr., $\Phi B E$	1918		7 Young Orchard Ave., Providence, R.I.
Litchfield, Allyne Cushing, $\Lambda X A$	1917	VI	200 Fifth Ave., New York, N.Y.
Little, John Shirley	1915	X	515 S. 10th St., Burlington, Ia.
Little, Thomas Wolcott, B.S.	1916	I	821 Broad St., Hartford, Conn.
Littlefield, Leland Howard, $\Lambda X A$	1917	VI U.	5658 Cabanne Ave., St. Louis, Mo.
Littlefield, Walter Berry, A.B.	1916	VI	35 Hutchins St., Roxbury, Mass.
Livermore, Joseph Mason, $\Phi B E$	1915	I	8 Arlington St., Boston, Mass.
Lo, Sen-pi	1918		Kwei-yaung, China
Lobdell, Harold Edward	1917	IV	Watervliet, N.Y.
Logan, Richard Whiting	1917	II	50 Brooks St., W. Medford, Mass.
Long, Francis Leroy	1918		28 Union St., Lawrence, Mass.
Long, Hilton Welborn	1918		Worcester Club, Worcester, Mass.
Long, William Edwin	1917	XIII	323 Jefferson Ave., Rochester, N.Y.

Name and Society	Class	Course	Home Address
Longley, James Edward	1918		Gobleville, Mich.
Longley, John Robert	1918		Gobleville, Mich.
Loo, Ping Yok	1916	II U.	Tientsin, China
Loo, Wai Gyiao	Grad.	XIII	Ningpo, China
Loo, Wai Po	1915	XIII	Canton, China
Loomis, Charles Wheeler, B Θ II	1916	XI	The Ludlow, Copley Sq., Boston, Mass.
Loomis, Phillips Wainwright	1918		40 West St., Hartford, Conn.
Lord, Charles Landa	1918		36 Osgood St., Lawrence, Mass.
Lord, Charles Rogers, Δ K E	1916	II	Claremont St., Newton, Mass.
Lord, Frances	1916	VII Sp.	Plymouth, Mass.
Lorenz, Otto Carl, Φ B E	1918		512 Quincy Ave., Scranton, Pa.
Loucks, Milton Albert	1918		277 W. Fulton St., Gloversville, N.Y.
Lovejoy, George Montgomery, Jr., Φ Σ K	1917	II	Hartford, Conn.
Loveland, Ernest Merrill, Λ X A	1915	X U.	409 Prospect Ave., Hackensack, N.J.
Lovell, Carleton Woodward, Φ K Σ	1916	I U.	65 Mt. Vernon St., N. Cambridge, Mass.
Lovenberg, Albert Michael	1917	XIV U.	372 Lloyd Ave., Providence, R.I.
Low, Charles Endicott	1917	XV	784 Washington St., Norwood, Mass.
Lowe, Richard Vose, Δ T	1917	XV U.	27 Mechanic St., Fitchburg, Mass.
Lowe, Russell Edmund, B.E., A Δ Φ	1916	V Sp.	350 W. 85th St., New York, N.Y.
Lowenberg, Maxwell	1915	VI	18 Fabyan St., Dorchester, Mass.
Lowengard, Richard Otto	1917	XV	2 E. 45th St., New York, N.Y.
Lucas, Eugene Willett Van Court, Jr., X Φ	1916	I	Sound Beach, Conn.
Luce, Joseph Arthur	1918		88 Rotch St., New Bedford, Mass.
Lucey, Henry Jerome	1915	X	62 Washington Ave., Natick, Mass.
Luddy, James	1918		136 Maple St., W. Roxbury, Mass.
Lufkin, Olvin Garland	1918		11 Trowbridge St., Arlington, Mass.
Lyall, Peter, Jr.	1917	IV Sp.	515 Clarke Ave., Westmount, Montreal, Can.
Lyons, Charles Edward	1917	VI U.	4 Porter St., Woburn, Mass.
Lyons, Richard Thomas, K Σ	1917	III U.	76 Middle St., E. Weymouth, Mass.
Lyons, Sanford Carlisle	1918		Bennington, Vt.
McAdams, William Henry, B.S., M.S.	1915	V Sp.	309 N. Broadway, Lexington, Ky.
McAllister, Paul	1918		94 Central St., Auburndale, Mass.
MacArdle, Donald Wales	1918		27 Sherwood St., Roslindale, Mass.
MacAskill, Donald	1918		Salem Depot, N.H.
McCart, Raymond Douglas	Grad.	II	26 Wendover St., Dorchester, Mass.
McCarthy, Charles Joseph	1916	I	1 Fulton St., Lawrence, Mass.
McCarthy, Edward Benedict	1918		Willow St., Scituate, Mass.
McClellan, James Lewis	1917	XIV	83 Esmond St., Dorchester, Mass.
McClelland, Robert Fulton	1917	IV Sp.	5211 16th Ave., N.E., Seattle, Wash.
McClure, James Winn, Δ K E	1916	I U.	Paris, Ky.
McClure, Nathan Francis	1918		207 Squantum St., Atlantic, Mass.
McDaniel, Irving Barry, Δ T Δ	1916	IV U.	Los Angeles, Cal.
McDevitt, John Newman, B Θ II	1916	II U.	11 Warwick Ave., Edgewood, R.I.
McDonald, Harold Joseph	1917	I	31 Holyoke St., Cambridge, Mass.
McDonald, Kenneth Madison, B.S.	1916	VI U.	2207 Highland Ave., Birmingham, Ala.
McDonald, Raymond Emmet, Φ K Σ	1917	X	13 Grant St., Natick, Mass.

Name and Society	Class	Course	Home Address
McDonald, William Cantwell, $\Theta \Xi$	1916	IV U.	44 Park St., Palmer, Mass.
McDonald, William Francis	1918		559 Riverside Ave., Medford, Mass.
McDonald, William Joseph, A.B., M.D.	1915	VII Sp.	47 Garrison Rd., Brookline, Mass.
McDougall, James Greenwood, $\Theta \Xi$	1916	VII U.	40 Highland Ave., Franklin, N.H.
MacDowell, John Spotts	1915	III U.	319 Park Ave., Clearfield, Pa.
McEwen, William Robert, B Θ II	1915	II	Wellsville, N.Y.
McFadden, Ralph Joseph, B Θ II	1917	I U.	Edgewood, Wheeling, W. Va.
McFarland, David Meconkey	1918		626 S. High St., W. Chester, Pa.
McGrady, Leon Lempert	1917	XV U.	658 Hood Ave., Fall River, Mass.
McGreenery, Paul Aloysius	1918		32 Calumet Rd., Winchester, Mass.
MacGregory, Sherman Albert	1918		31 Silver Rd., Brockton, Mass.
McGuire, Waldemar Stanwood	1918		78 Highland St., Revere, Mass.
Machecca, George Michael, B.A.	1917	VI U.	3022 St. Charles Ave., New Orleans, La.
Mack, Azel Washington	1915	X	7 Chauncey Pl., Jamaica Plain, Mass.
Maekenzie, John David, S.B.	Grad.	XII	Baddeck, Cape Breton, N.S.
MacKinnon, John Harold, S.B.	Grad.	IV	606 Alaska Bldg., Seattle, Wash.
Mackler, Max, Ph.D., Ph.C.	1915	VII Sp.	387 S. Water St., New Bedford, Mass.
McKown, Frederick Whittlesey, B.A.	1916	VI	88 Barrington St., Rochester, N.Y.
McLaughlin, Carl Patrick	1918		66 Payson St., Portland, Me.
McLaughlin, George Edward, $\Delta \Upsilon \Delta$	1918		112 Davis Ave., Brookline, Mass.
McLaughlin, Richard Joseph, $\Delta \Upsilon$	1917	XV U.	462 Audubon Rd., Boston, Mass.
McLellan, Douglas Hull	1917	IV U.	1617 Fuller Ave., Los Angeles, Cal.
McLellan, Herbert Sumner	1915	I	12 Abbot St., Dorchester, Mass.
MacLeod, William Rodney	1918		44 Swan Ave., Lowell, Mass.
McManus, Joseph Delee	1917	XIV	75 Warren Ave., Marlboro, Mass.
McMenimen, Robert Aloysius	1915	X	1578 Cambridge St., Cambridge, Mass.
McMurtrie, Douglas Howard, A.B. B Θ II	1915	X	36 Lawn Ave., Woodfords, Portland, Me.
McNally, Edwin Mongan	1918		140 Clark Ave., Chelsea, Mass.
McNally, Leo Augustine	1918		2666 N. Main St., Fall River, Mass.
McNary, Herbert Louis	1918		566 Seventh St., S. Boston, Mass.
McNeill, Winfield Irving	1917	XV	25 Lafayette St., Wakefield, Mass.
Maconi, Gaetano	1915	I	76 Clark St., Newton Centre, Mass.
MacPherson, Kenneth William	1917	IV U.	Palmyra, N.Y.
McQuaid, Howard Stafford	1917	XIV	16 Schofield Ave., Webster, Mass.
McRae, Donald Marion, X Φ	1916	III	"The Toronto," Washington, D.C.
MacRae, Nelson, X Φ	1916	II	Wilmington, N.C.
McSweeney, Thomas Francis	1916	XI	1 Salem End Rd., Framingham, Mass.
McVickar, Lansing, $\Delta \Psi$	1918		40 W. 45th St., New York, N.Y.
Madancy, Sarkis	1918		274 Spruce St., Chelsea, Mass.
Maeder, Raymond Aloysius	1917	II	Charles St., Holliston, Mass.
Magoun, Frederick Alexander	1918		70 Kirkland St., Cambridge, Mass.
Maguire, James Francis, Jr.	1917	V	4 Intervale St., Roxbury, Mass.
Mahany, Walter Thompson	1917	I U.	23 Boston Ave., W. Medford, Mass.
Mahlman, Osborne Le Baron	1916	XIV	Lubec, Me.
Mahony, Ralph Gerard	1918		Sterling Inn, Sterling, Mass.
Main, Theodore, B.S.	1916	X	14 Herrick St., Winchester, Mass.
Makepeace, Charles Salisbury, $\Phi \Gamma \Delta$	1916	II	275 Wayland Ave., Providence, R.I.
Malcolm, Ralph Read	1915	I	328 Morton St., Stoughton, Mass.
Malley, George Francis	1918		45 Summer St., Adams, Mass.
Malmfeldt, Carl John	1917	IV Sp.	262 Maple St., New Britain, Conn.
Malone, Charles Booth, Jr., X Φ	1915	VI	110 E. 35th St., Savannah, Ga.

Name and Society	Class	Course	Home Address
Manbeck, Park Daniel, A.B., S.B.	Grad.	VI	92 Brightwood St., E. Cleveland, Ohio
Mann, Howard Grover, Φ B E	1917	XV	193 Huntington Ave., Boston, Mass.
Mann, Peter	1915	V Sp.	12 Cleaves St., Roxbury, Mass.
Manter, Elwood McElwain	1918		219 Melrose St., Auburndale, Mass.
Manuelian, Hamazash Der	1917	VI U.	291 Central St., Lowell, Mass.
Mar, Pellian Teh Che	1915	XIIIb	Foo-chow, China
Mardoian, Haroutune Hagop	1918	U.	Aintab, Turkey
Marine, James Sidney, A T Ω	1917	II U.	606 5th St., Brooklyn, N.Y.
Marion, Henry Leonard, Θ Δ X	1915	VI	Lowell St., Burlington, Mass.
Markham, John Raymond	1918		91 Thorndike St., Cambridge, Mass.
Markham, Stephen James, Jr.	1917	III U.	146 Ashburnham St., Fitchburg, Mass.
Marquez, Alfonso Ezequiel	1917	II U.	Culebra, P.R.
Marquez, Miguel, Jr.	1916	I	Chihuahua, Mex.
Marsh, Arthur James	1918		13 Holyoke St., Boston, Mass.
Marshall, Leslie Howard	1918		298 Crescent St., Waltham, Mass.
Marsilius, Newman Marius	1917	XV	202 Bridge St., Beverly, Mass.
Martin, Alexander, B.S., A T Ω	1916	VI	242 14th Ave., E., Eugene, Ore.
Martin, Frederick Richmond	1918	Sp.	33 Hathaway St., Fall River, Mass.
Martin, George Rainsford, X Φ	1918		Rye, N.Y.
Marvin, Frank Kemp	1915	Sp.	221 Newbury St., Boston, Mass.
Mason, Lovell Waldo, A.B., B Θ II	1916	V	Danbury, Conn.
Mason, Stephen Spalding	1917	IV	42 Portland St., Keene, N.H.
Massue, Huet, B.A.S.	1915	VII Sp.	70 Huntington Ave., Boston, Mass.
Masucci, Peter	1915	VII	39 Vane St., Revere, Mass.
Matthews, Elmer Clark, Φ Σ K	1917	XV	Hudson, Mass.
Maverick, George Madison, Δ T	1916	X	Sunshine Ranch, San Antonio, Tex.
Maxwell, Herbert Oulton	1915	III	79 Barnes St., Providence, R.I.
May, James de Gries	1918		169 Clinton St., Brooklyn, N.Y.
Maya, Mario deAguiar	1917	VI	27 Av. Tiradentes, San Paulo, Brazil
Mead, Edward Adams	1918		72 Walnut St., Arlington, Mass.
Mead, George Jackson, X Φ	1917	II U.	27 Church St., Winchester, Mass.
Means, Alan Hay, M.S.	1915	XII Sp.	Chicago, Ill.
Means, Leland Munger, Σ A E	1917	XV U.	525 Eagan St., Shreveport, La.
Means, Robert Snow	1918		5 Austin St., Somerville, Mass.
Medding, Walter Lyman, Φ Σ K	1917	XV	206 Ferry St., Malden, Mass.
Mehaffey, Chambers, X Φ	1917	II U.	Chambersburg, Pa.
Meigs, Joseph Vincent	1916	V	33 Clinton St., Malden, Mass.
Mellema, William	1915	IV U.	316 Huntington Ave., Boston, Mass.
Mellen, Earl Rufus	1916	VI	1141 Bridge St., Lowell, Mass.
Mendelsohn, Herbert, B.A.	1916	X	314 W. 107th St., New York, N.Y.
Mendelson, Ralph Waldo, M.D.	1915	VII Sp.	La Juerto, Col.
Merrick, Bentley Almerin Gleed, Φ K Σ	1918		Johnstown, N.Y.
Merrill, Donald Godfrey	1918		27 Ingell St., Taunton, Mass.
Merrill, Edwin Ellison, B.S.	1915	IV	Portland, Ore.
Merrill, Leland Hawthorne	1918		15 Warren St., Melrose Hlds., Mass.
Merritt, James Charles	1916	VI	318 Houghton St., N.Adams, Mass.
Mertz, John Mercer	1917	VIII U.	1404 W. 3d St., Wilmington, Del.
Metz, Charles Walter	1916	II	Gore St., Waltham, Mass.
Milford, Thomas Fry, Σ N	1918		5867 Nina Pl., St. Louis, Mo.
Miller, Alan	1918		Waban, Mass.
Miller, Alan Baldwin, K Σ	1918		115 Catherine St., Elizabeth, N.J.

Name and Society	Class	Course	Home Address
Miller, Arthur Merkel, $\Delta \Delta \Phi$	1916	I U.	60 Shepard St., Rochester, N.Y.
Miller, Harold Lionel	1918		35 Dedham Ave., Needham, Mass.
Miller, Henry Lafayette	1917	VI	423 Walnut St., Manchester, N.H.
Miller, Leo B., A.B.	1915	VI	Indianola, Ia.
Miller, Robert Anderson, Jr., A.B.	1916	X U.	35 Claremont Ave., New York, N.Y.
Miller, Raymond Percy	1918		76 Middlesex Ave., Swampscott, Mass.
Milliken, James Roscoe, $\Delta T \Omega$	1918		60 Orchard St., Cambridge, Mass.
Millis, Ralph, $\Phi B E$	1916	I	18 High St., Newport, R.I.
Mills, Fred Hamer	1918		23 High St., Newton Upper Falls, Mass.
Mills, Ralph Harold	1916	VI	12 Byron Ave., Natick, Mass.
Minevitch, Joseph Rozart	1917	V	201 Merrimac St., Newburyport, Mass.
Mitchell, Harold Hubbard, B.S., M.D.	1915	VII Sp.	Canisteo, N.Y.
Mitchell, Louis, B.S.	Grad.	I	Syracuse, N.Y.
Mitchell, Robert Watkeys	1915	V	53 Park Ave., Winthrop, Mass.
Moffatt, Edward Hopkins	1918	U.	Picton, Ont.
Moness, Eugene	1915	XIV	Libau, Russia
Monroe, Merrick Atherton	1916	XI	26 Adams St., Waltham, Mass.
Montgomery, Donald Hugh, ΣX	1918		64 Church St., Rutland, Vt.
Moody, Alvah Edgar, $\Theta \Delta X$	1917	XV U.	Golden, Col.
Moody, Percy Winslow	1915	VI	50 Kenwood St., Brookline, Mass.
Moore, Daniel Martin	1915	I U.	9 Warren St., Taunton, Mass.
Moore, Frank Rupert, $B \Theta \Pi$	1918		Lincoln, N.H.
Moran, Francis Aloysius	1918	U.	47 Friend St., Taunton, Mass.
Morrill, Harold Bell	1918		19 Highland Ave., Roxbury, Mass.
Morrison, Archie Stone, $\Phi \Gamma \Delta$	1915	II	3 Grosvenor Pk., Lynn, Mass.
Morrison, Phillip Garrison	1916	VI	68 Elm St., Andover, Mass.
Morse, Charles Lester	1915	I	Lancaster, N.H.
Morse, Gilead Douglas	1917	IV Sp.	542 High St., W. Medford, Mass.
Morse, Harold Everett, $\Theta \Xi$	1917	I U.	108 Essex St., Swampscott, Mass.
Morse, Henry Gardner	1916	II	80 Glendale St., Dorchester, Mass.
Morse, Herman Edward	1915	II	339 Central St., E. Bridgewater, Mass.
Morton, Adelbert Robbins	1918	U.	79 Lonsdale St., Dorchester, Mass.
Mott, Frank Earl, Ph.C., S.B.	1915	II Sp.	39 Rosseter St., Dorchester, Mass.
Moxon, Harold Adam	1917	X	11 Green St., Cambridge, Mass.
Moylan, Lawrence John	1918		1023 Dorchester Ave., Dorchester, Mass.
Mudge, Arthur Warren, Jr., $\Delta K E$	1915	V	194 Pond St., Jamaica Plain, Mass.
Mulliken, Robert Sanderson	1917	V	6 Harris St., Newburyport, Mass.
Mullowney, John Mansfield, Jr.	1918		298 Boylston St., Brookline, Mass.
Mumford, Albert Russell	1918		102 Belvidere St., Boston, Mass.
Mumford, Nicholas Van Slyck, A.B., $\Delta \Delta \Phi$	1915	X	50 Humboldt Ave., Providence, R.I.
Munn, Percy Judson	1915	I	94 Vernon St., Lowell, Mass.
Munyon, Arthur Tapley, ΔT	1915	X	Melrose, Mass.
Murdough, James Harold	1916	I	25 Windermere Rd., Dorchester, Mass.
Murphy, Harry Joseph	1915	I	239 Safford St., Wollaston, Mass.
Murray, George Sutherland	1918		12 Spofford Rd., Milton, Mass.
Musolino, Reginald Guy	1918		Burlington Ave., Wilmington, Mass.

Name and Society	Class	Course	Home Address
Nagahama, Shigemaro, M.S.	1915	VI	Fukunoka, Japan
Nangle, Charles Joseph	1918		42 Richdale Ave., Somerville, Mass.
Naumburg, Robert Elkan, B.A.	1916	II	88 Central Park West, New York, N.Y.
Neal, James Benson	1915	X	102 Arnold St., Braintree, Mass.
Neave, Arthur Stuart, A.B., A N Σ	1916	X	461 Considine Ave., Cincinnati, Ohio
Neff, Douglas Williams, B.S., C.E.	1915	I Sp.	University, Va.
Neilson, Halbert Hale, B.S., K Σ	1916	VI U.	Lexington, Miss.
Neiman, Joseph	1916	X	27 Allen St., Boston, Mass.
Nelson, Arthur Lindsay, A T Ω	1915	VI	30 Mellen St., Ashmont, Mass.
Nelson, Francis Oscar	1916	III U.	77 Hancock St., Somerville, Mass.
Nelson, Ola Aloysius	1918		8 Grove St., Natick, Mass.
Neumann, Elmer Herman	1915	IV	1054 Bergen St., Brooklyn, N.Y.
Newcombe, Garfield Merton	1916	II U.	Delhaven, Kings Co., N.S.
Newell, Willard Bigelow	1917	II	803 Watertown St., W. Newton, Mass.
Newton, Burkelt Dunlap, B.A., Θ X	1918	VI	365 Lorna Drive, Los Angeles, Cal.
Newton, Edwin Meade	1918		535 Beacon St., Boston, Mass.
Newton, Jewett Beach, A.B.	1915	I Sp.	Cohasset, Mass.
Nielsen, Benjamin, Δ T Δ	1917	IV Sp.	227 Harvard Ave., Allston, Mass.
Nielsen, Otto Elias	1917	VI	Helsingor, Denmark
Niemann, Henry	1915	I	21 Chestnut St., W. Newton, Mass.
Nixon, George Frederic, Θ X	1915	IV	227 West St., Leominster, Mass.
Norberg, Elwin Paul	1915	IV	1211 Avoca Ave., Pasadena, Cal.
Norris, Olen Carter, K Σ	1917	XV	Hotel Norris, Brockton, Mass.
North, Dexter, B.S., A Δ Φ	1915	X	2852 Ontario Rd., Washington, D.C.
Norton, Charles Granderson, Δ X A	1915	II	Vineyard Haven, Mass.
Norton, Frederick Harwood	1918		39 Chestnut St., Boston, Mass.
Norton, John Torrey	1918		39 Chestnut St., Boston, Mass.
Norton, Oliver Gove, Σ X	1915	II	Kearney, Neb.
Noyes, Charles William	1915	VI	Smithtown, N.H.
Noyes, Linwood Irving, Δ T Δ	1917	IV	644 Marinette Ave., Marinette, Wis.
Nute, Alden Davis	1917	X	914 Highland Ave., Fall River, Mass.
Nye, Alfred Francis, Θ X	1915	IV	84 Green St., Fairhaven, Mass.
Ober, Shatswell	1916	XIII	22 Oakland Ave., Arlington Hts., Mass.
Oberg, Terry Royal	1918		1347 E. 10th St., N. Portland, Ore.
Obert, Arthur Aloysius	1918	U.	East Lake Road, Erie, Pa.
O'Brien, James Sherry	1917	X	78 Washington Ave., Winthrop, Mass.
O'Brien, James William, Jr.	1918		10 Howland St., Cambridge, Mass.
O'Brien, Thomas Francis	1916	II U.	38 Mt. Vernon St., Dorchester, Mass.
O'Connor, Frank Joseph	1918		30 Ellsworth Ave., Cambridge, Mass.
O'Daly, Bernard	1918		11 Stockton St., Dorchester, Mass.
O'Donnell, Harold Francis	1917	I	3 Granite St., Taunton, Mass.
Ogden, William Lardner, A.B., Φ B E	1916	II	Deadwood, S.D.
O'Hara, Francis Patrick, Δ K E	1917	II U.	16 Common St., Charlestown, Mass.

Name and Society	Class	Course	Home Address
Olesen, Charles William	1915	II	23 Symonds St., Salem, Mass.
Olson, Frank	1918		35 Cleveland St., Arlington, Mass.
Osborn, Charles Marcus, 3d	1916	IV U.	2847 Meridian St., Indianapolis, Ind.
Osborn, Stanley Hart, M.D.	1915	VII Sp.	12 Oxford St., Cambridge, Mass.
Otis, Samuel Shackford, A.B.	1915	IV Sp.	644 Oak St., Winnetka, Ill.
Ousler, George Walter	1916	VI	1709 Cambridge St., Cambridge, Mass.
Owen, Knight Barry, Δ K E	1916	II	Vineyard Haven, Mass.
Owler, Duncan Stewart	1916	VI	279 Bucklin St., Providence, R.I.
Pace, Ernest Milton, Jr.	1916	XIII A	Calvert, Tex.
Page, Arvin	1916	II	103 Grand View Ave., Wollaston, Mass.
Paine, Charles Graham	1915	II U.	Dover, Mass.
Palmer, Gretchen Abigail	1918		51 Houston Ave., Mattapan, Mass.
Palmer, Guernsey Aaron	1915	II	Amenia, N.Y.
Panettiere, Vincent	1916	II U.	318 Park Ave., Baltimore, Md.
Park, Harriet, A.B.	1915	VII Sp.	611 Gilman St., Palo Alto, Cal.
Parker, Dean Huntington, Δ X A	1917	X U.	34 Collins Rd., Waban, Mass.
Parker, Henry Godwin, A.B.	1918		1516 Elm Ave., Portsmouth, Va.
Parker, Meredith Francis	1918		32 Myrtle Ave., Long Branch, N.J.
Parkhurst, Robert Alpheus	1917	-Sp.	Westbrook, Me.
Parkinson, Donald Berthold, Δ K E	1918	U.	688 Wilshire Pl., Los Angeles, Cal.
Parsons, Arthur Maxwell	1918		65 Mt. Pleasant Ave., Gloucester, Mass.
Parsons, Edmund Selinger	1916	II	28 Mawney St., Providence, R.I.
Parsons, Frank Enos, Δ X A	1916	II U.	367 Adams St., Dorchester, Mass.
Parsons, John Langdon	1917	V U.	Rye, N.H.
Parsons, Theodore Dillaway	1916	II	106 Franklin St., Lynn, Mass.
Pastoriza, Hugh Girard, S.B.	Grad.	VI	2204½ Austin St., Houston, Tex.
Patch, Ernest Llewellyn	1915	XIII A	28 Lincoln St., Stoneham, Mass.
Pattee, Elizabeth Greenleaf	1916	IV	19 School St., Quincy, Mass.
Patten, David Longfellow, Φ Γ Δ	1916	I U.	19 South St., Brighton, Mass.
Paul, Arthur Hiram, Jr.	1917	I U.	Wakefield, N.H.
Payne, Edward Benedict	1917	VI U.	600 Meridian St., Nashville, Tenn.
Peacock, Frank Edward	1917	I	623 N. Church St., Rockford, Ill.
Peakes, Gilbert Lawrence	1915	XIV	26 Endicott St., Lynn, Mass.
Pearson, Earle Fletcher	1917	VI	208 Morrison Ave., W. Somerville, Mass.
Pearson, Frank Cogswell	1918		22 Douglass St., Keene, N.H.
Pearson, Joseph Keighley	1917	VI U.	236 Farnham St., Lawrence, Mass.
Perin, Donald Wise, Φ K Σ	1915	VI	15 Hovey St., Newton, Mass.
Perkins, Benton Fuller	1918		30 Vaughan Ave., Whitman, Mass.
Peters, Edward Brooks, A.B., Θ X	1916	VI	R. I. Hospital, Providence, R.I.
Peterson, Oscar Rudolph	1917	I	16 Playstead Rd., Dorchester, Mass.
Petit, George Hubert, Δ Φ	1916	IV U.	103 Park Ave., New York, N.Y.
Pettee, Allen Danforth, A.B.	1916	VI	Great Barrington, Mass.
Pettibone, Milton Wallace, Φ K Σ	1916	IV U.	194 Chicago Blvd., Detroit, Mich.
Pfohl, Roswell Edmund Louis	1917	IV U.	288 Jersey St., Buffalo, N.Y.
Phelan, Joseph Francis	1915	VII U.	5 De Wolfe St., Cambridge, Mass.
Phelps, Charlotte Lewis, A.B.	1916	IV U.	Kenilworth, Ill.
Philbrick, Frederick Brueton	1918		189 Randolph St., S. Weymouth, Mass.
Philbrook, Frank Leon	1918		139 Linden Ave., Malden, Mass.
Phillips, John Mills, Θ Ξ	1918		6 Roanoke Ave., Jamaica Plain, Mass.

Name and Society	Class	Course	Home Address
Phillips, Luther Savage, Φ B E	1916	IV U.	Northeast Harbor, Me.
Pickering, Harold Bailey	1915	I	1027 Clayton St., Wilmington, Del.
Pierce, Alfred	1917	I	121 Union St., Attleboro, Mass.
Pike, Waldo Francis, B Θ II	1915	I	48 Fayette St., Cambridge, Mass.
Pinkerton, Henry	1918		Randolph, Mass.
Pinkham, Bernard Orville	1918		172 Walnut Ave., Roxbury, Mass.
Pinkham, Henry Palmer, B Θ II	1916	I U.	Wolfeboro, N.H.
Pinkham, Millard Bartlett	1915	I	172 Walnut Ave., Roxbury, Mass.
Pitman, Earle Carver, A.B.	1916	X	260 Lafayette St., Salem, Mass.
Piza, St. Elmo Tower	1915	IV	161 W. 75th St., New York, N.Y.
Pizzorno, Pedro Paulo	1915	VI	Manoos, Brazil
Place, Everett Eugene, Θ Δ X	1915	VI	628 Main St., Woburn, Mass.
Plachta, Jacob, C.E.	1916	VI	Sietesz, Galicya, Austria
Platt, John Cheney, Jr., Δ Ψ	1917	XV U.	Eagle Rock Way, Montclair, N.J.
Plummer, Mary Elsa	1915	V	65 Boyd St., Newton, Mass.
Pollard, Edward Vaughn, Δ X A	1917	II U.	9 Grover St., Lynn, Mass.
Pollard, Reginald Flint, Δ X A	1915	X	9 Grover St., Lynn, Mass.
Polley, Ernest Edward, Δ T Δ	1916	VI	406 Garfield St., Fort Collins, Col.
Polley, Edgarton Goldthwaite	1917	II	37 Banks St., Waltham, Mass.
Polleys, Herbert Rhodes, Σ A E	1918		49 Orchard Ave., Providence, R.I.
Pond, Thomas Clifford	1915	X	149 Alpine St., Franklin, Mass.
Pond, Walter Franklin, B.S., Φ K Ψ	1917	III U.	74 Highland Ave., Greenfield, Mass.
Porter, Garnett Hartle	1918		15 Pleasant Pl., Cambridge, Mass.
Poteat, John Robinson, B.A.	1917	VI	Greenville, S.C.
Potter, Jesse	1915	I	9 Church Green, Concord, Mass.
Pouchain, René Augustin	1917	VII	34 Pond St., Marblehead, Mass.
Powers, Harold Frederick Lawrence	1917	II	17 Otto St., Campello, Mass.
Pratt, Lewis Howe	1916	IV U.	75 High St., Brockton, Mass.
Pratt, Leonard Sims	1916	II U.	Prattville, Ala.
Pratt, Merrill Edward, B.S., Φ Δ Θ	1915	II	Prattville, Ala.
Pray, Alfred Newell	1918		368 Washington St., Braintree, Mass.
Prentiss, John Herbert	1916	VI	206 Prospect St., Belmont, Mass.
Prescott, Lewis William, Φ Σ K	1915	II	Takoma Park, D.C.
Price, William Henry, Jr., Δ T Δ	1915	X	3345 Monroe St., Chicago, Ill.
Proctor, Charles Dix, Φ Σ K	1917	II	68 Warren Ave., E., Detroit, Mich.
Proctor, Harold Eugene	1916	VI	1 Chester St., Watertown, Mass.
Proctor, Joseph Worthen	1917	II	2 Milk St., Salem, Mass.
Pryor, Willard Lettaret	1917	II	156 Gorsline St., Rochester, N.Y.
Purinton, Forrest Granville, Φ B E	1915	II	13 Madison Ave., Beverly, Mass.
Purves, John Coleman, Δ Ψ	1918		8525 Seminde Ave., Chestnut Hill, Philadelphia, Pa.
Putnam, Charles Parsons	1915	II	107 Essex St., Cliftondale, Mass.
Putnam, Harold Marshall	1918		36 Marlboro St., Lowell, Mass.
Pyle, Oden Bowie, Jr., Φ K Σ	1916	I U.	712 W. 33d St., Baltimore, Md.
Quilhot, Harold Jay, Φ K Σ	1917	II U.	Jansen Ave., Johnstown, N.Y.
Quimby, Arthur Edmund	1918		88 Electric Ave., W. Somerville, Mass.
Quirk, Louis Francis	1915	I U.	641 Saratoga St., E. Boston, Mass.
Ralston, James Muir, Φ Σ K	1916	II U.	Allenhurst, N.J.
Ramsay, DeWitt Converse	1915	XIII	28 Pomfret St., W. Roxbury, Mass.
Ramsbottom, John Raymond	1917	VI	554 Centre St., Fall River, Mass.
Ramsdell, Guy Harry, A.B.	1915	V Sp.	West Lubeck, Me.

Name and Society	Class	Course	Home Address
Rausch, William Warren	1917	I	599 High St., W. Medford, Mass.
Raymond, Edward Hayward	1917	I U.	69 Walnut Ave., Roxbury, Mass.
Raymond, Thomas Emmons	1916	II	84 Ellery St., Cambridge, Mass.
Read, Clifford Sheldon	1918		32 Lee St., Cambridge, Mass.
Read, Mahlon Milton	1918		69 Mt. Vernon St., Cambridge, Mass.
Reed, Charles Sumner, ΔT	1916	II	564 Main St., S. Weymouth, Mass.
Reed, Walter Vinal, $\Phi K \Sigma$	1916	XI U.	62 Torrey St., S. Weymouth, Mass.
Reen, Jeremiah Daniel	1916	VI U.	Turners Falls, Mass.
Reese, Raymond Castle	1917	I	181 Woodlawn Ave., Pittsfield, Mass.
Reeve, Austin Bryant, $\Phi \Sigma K$	1916	II	5554 Woodlawn Ave., Chicago, Ill.
Reid, Geoffrey Laurence	1916	II	111 Main St., N. Andover, Mass.
Reid, Kenneth	1918		15 Chase St., Dorchester, Mass.
Reidy, Maurice Alfons	1918		19 N. Washington Pl., Astoria, L.I., N.Y.
Rennie, Roswell Miller, $\Phi \Sigma K$	1916	II U.	2408 West Blvd., Los Angeles, Cal.
Repetti, George Williams, A.B., $\Phi \Sigma K$	1916	III U.	Washington, D.C.
Reynolds, Edwin Drew	1917	VII	4 Warren St., Danvers, Mass.
Richards, Henry Edward	1918		Lynnfield Centre, Mass.
Richardson, Chester Northup	1916	XIV	35 Autumn St., E. Lynn, Mass.
Richardson, Frank Albert, Jr.	1918		19 Gordon St., Allston, Mass.
Richardson, Harold Moulton	1918		West Acton, Mass.
Richardson, Judson Cromwell, $\Theta \Delta X$	1917	XV U.	80 Washington St., Leominster, Mass.
Richmond, Isidor	1916	IV Sp.	17 Everard St., Beachmont, Mass.
Richmond, Kenneth Calvin, $A \Delta \Phi$	1916	II U.	114 Tremont St., Rochester, N.Y.
Ricker, Claire William, S.B.	Grad.	VI	47 Electric Ave., W. Somerville, Mass.
Ricketts, James Laws, $\Delta \Psi$	1918		2927 Reading Rd., Cincinnati, Ohio
Rivers, Walter Ben, $\Delta T \Delta$	1915	IV	1350 Orange St., Los Angeles, Cal.
Rizzo, Frank Salvatore	1917	II	Albi-Catanzario, Italy
Roberts, Claudius Henry Martin, ΔT	1917	XIV U.	The Cordova, Apt. 312, Washington, D.C.
Roberts, George Whiting	1917	XIV U.	Middleton, Mass.
Roberts, Hazel Elizabeth, B.S.	1916	V Sp.	2957 Hillegass Ave., Berkeley, Cal.
Robertson, John Douglas	1916	II	114 Winthrop St., Taunton, Mass.
Robertson, Stanley Stuart	1917	X	15 Lincoln St., Framingham, Mass.
Robertson, Walter Harrison	1918		56 Wellesley Pk., Dorchester, Mass.
Robinson, Clark	1917	IV Sp.	269 French St., Bangor, Me.
Robinson, Clark Shove, S.B.	Grad.	X	1662 Columbia Rd., S. Boston, Mass.
Robinson, Edgar Steel, A.B., ΔT	1916	VI	1620 Ridge Ave., Evanston, Ill.
Robinson, Gordon Dudley, M.E.	Grad.	VI	301 S. Ellwood Ave., Baltimore, Md.
Robinson, Russell King, A.B.	1917	I U.	Ashtabula, Ohio
Robinson, Russell Wirt, $\Delta \Psi$	1918		West Point, N.Y.
Robinson, Walter Josephus	1916	IV Sp.	101 13th St., Oakland, Cal.
Rockett, Francis Haynes	1916	VI U.	North St., Hingham, Mass.
Rogal, Edward	1918		"The Bernson," Summer St., Fitchburg, Mass.
Rogers, Allison Cross	1916	VII	Norwich Town, Conn.
Rogers, Chester Arthur	1918		18 Dustin St., Brighton, Mass.
Rogers, David Pearson, B.A., $\Phi B E$	1915	II	11 Lampont Ave., Toronto, Can.
Rogers, Ella Charlotte, B.A.	1915	V Sp.	19 Red Rock St., Lynn, Mass.
Rogers, Frank Claxton	1917	I U.	617 Watertown Ave., Waterbury, Conn.

Name and Society	Class	Course	Home Address
Rogers, Herman Livingston, B.A.	1918	I Sp.	Hyde Park-on-Hudson, N.Y.
Rogers, Homer	1915	V	68 Cochituate St., Saxonville, Mass.
Rogers, Jesse Andrew, Jr.	1917	II U.	36 Park St., Newton, Mass.
Rogers, Ralph Tupper	1918		9 Sheridan Ave., Medford, Mass.
Rood, Carlos Stone, Δ T Δ	1917	II U.	Jeanesville, Pa.
Rood, Melville Halstead, A.B., A Σ Φ	1916	X	Walnut Hills, Marietta, Ohio
Rooney, George Thomas	1915	I	437 Walpole St., Norwood, Mass.
Rooney, William Joseph, A.B.	1915	VI	20 Pond St., Waltham, Mass.
Root, John Alden, S.B., Σ X	Grad.	IV	1744 Broadway, Denver, Col.
Root, Marshall Jewell, B.S.	1916	II	1451 Tremont St., Roxbury, Mass.
Roper, George, Jr., X Φ	1916	III	509 N. 4th St., Steubenville, Ohio
Rosenauer, Moses Bernard	1917	VI U.	100 Pearson Ave., Somerville, Mass.
Rosenberg, Benjamin Robert	1916	I	135 Walnut St., Chelsea, Mass.
Rosenthal, Charles Henry	1915	X	86 Fayette St., Watertown, Mass.
Ross, Charles Everett	1917	VI	990 Dana Ave., Avondale, Cincinnati, Ohio
Ross, Clyde Polhemus, S.B.	Grad.	III	21 Crowninshield Rd., Brookline, Mass.
Ross, Frank Douglas	1916	IV	84 Whitmore St., Hartford, Conn.
Ross, Ralph Hersey, Δ Φ	1917	VI	10 Church St., St. Johnsbury, Vt.
Ross, William Byron, B.S.	1916	X	Uhricksville, Ohio
Rossell, Henry Eastin	Grad.	XIII A	14 Lenox Pl., New Brighton, N.Y.
Rounds, Edward Wadsworth, K Σ	1917	II	515 N. Ainsworth Ave., Tacoma, Wash.
Rowe, James Everett	1918		59 Mulberry St., Pawtucket, R.I.
Rowe, Philip Nicholas	1917	III	41 Mt. Vernon St., Boston, Mass.
Rowlett, Richard Stewart, Δ T Δ	1916	II	1588 Beacon St., Brookline, Mass.
Roxas, Manuel Luz, B.S., M.S.	1915	V Sp.	Lipa, Philippine Islands
Roy, George Louis, K Ξ A	1917	IV U.	907 Armory St., Springfield, Mass.
Roy, Kenneth Warren, Δ T	1915	II	Bretton Hall, N.Y.
Rubin, David Nathan	1918		603 Bridge St., Holyoke, Mass.
Rubin, Jesse Abraham	1916	I	71 Chestnut St., Chelsea, Mass.
Rubin, Samuel	1918		191 Hampshire St., Cambridge, Mass.
Rudolf, Henry James Gray, Δ Ψ	1915	IX U.	1571 Beacon St., Brookline, Mass.
Runels, Chester Morrill, Θ X	1915	IV	321 Thorndike St., Lowell, Mass.
Russell, Arthur Litchfield	1918		57 Circuit St., Roxbury, Mass.
Russell, Harold	1916	II U.	12 Bodwell St., Dorchester, Mass.
Russell, Whitney Allen	1918		257 Fairmount Ave., Hyde Park, Mass.
Russert, Walter Richard Carl	1918		14 Hillside St., Roxbury, Mass.
Rutherford, Henry Goddard	1916	I U.	"The Prescott," Newport, R.I.
Ryan, Dennis Francis	1917	VII U.	390 Washington St., Cambridge, Mass.
Ryan, Edmund Joseph	1918		Houston, Tex.
Ryan, Thomas William, Jr.	1917	I	365 Main St., Concord Jct., Mass.
Ryan, William Patrick	1918		West Medway, Mass.
Sabin, Henry Palmer, Δ T Δ	1915	IV	641 Marion St., Denver, Col.
Sackett, George Arthur	1918		45 Barrett St., Revere, Mass.
Sada, Francisco Ge, Jr.	1917	XV	Hidalgo 116, Monterey, Mex.
Saladrigas, Gustavo A.	1916	I U.	Cilgo de Avela, Camaguey, Cuba
Salisbury, DeRoss	1918		131 Brand Blvd., Glendale, Cal.
Salomonson, Maurice Wertheim, Δ X A	1915	IV	535 Newbury St., Boston, Mass.
Salt, Lloyd Bergen, Φ K Σ	1918		1213 Beacon St., Brookline, Mass.

Name and Society	Class	Course	Home Address
Salzedo, C. Alexander	1917	I U.	Colombia, S.A.
Salzedo, C. Antonio	1918		Colombia, S.A.
Sampson, Albert Edward	1915	V U.	Gorham, Me.
Sanborn, Lewis Parker	1917	X U.	62 Lincoln Ave., E. Saugus, Mass.
Sanborn, Philip Nathaniel	1917	IV Sp.	81 Fairmont St., Malden, Mass.
Sandell, Harry Niles	1917	IV	9 Grampian Way, Dorchester, Mass.
Sanders, Morris Blackman, A.B.	1916	VII Sp.	2322 Andrews Ave., New York, N.Y.
Sandlas, William Henry, B.S., $\Theta \Phi$	1916	I U.	4309 Liberty Heights Ave., W. Forest Park, Md.
Sanford, John Densmore	1917	I	17 Jason St., Arlington, Mass.
Sanger, Alan Bridgman	1918	U.	8 Merlin St., Dorchester, Mass.
Santos, John Ricardo Long, $\Delta \Psi$	1915	II U.	18 W. Preston St., Baltimore, Md.
Sarafian, Haigh Henry	1917	XIV	41 Newbury St., Lawrence, Mass.
Sargent, Ralph, $\Delta K E$	1918		70 Harbor St., Glencoe, Ill.
Sarris, Nicholas Styl	1917	I U.	Euretania, Greece
Sarti, Eduardo Emilio	1916	IV U.	San Felipe, Guatemala, C.A.
Saunders, Albert Abraham	1918		10 Henry St., Malden, Mass.
Saunders, Harold Eugene	1916	XIII A	21 Bushey St., Detroit, Mich.
Savage, Wallace, A.B.	1916	V U.	3 Dana St., Cambridge, Mass.
Saville, Charles, Jr., S.B.	1915	VII Sp.	Waban, Mass.
Sawens, Russel Hale, B.S.	1917	X	91 Brackett Rd., Newton, Mass.
Sawyer, Albert Francis	1918		19 Commonwealth Ave., Haverhill, Mass.
Sawyer, Enos Clifford	1917	VI	7 Clinton St., Cambridge, Mass.
Sawyer, Howard Martin, Litt.B.	1916	V Sp.	30 Wyman St., W. Medford, Mass.
Sawyer, Ralph Henry	1917	II	24 Clinton St., S. Framingham, Mass.
Schabacker, Henry Eric, $K \Sigma$	1916	XIV	550 W. 10th St., Erie, Pa.
Schiess, Ulrich Christopher	1915	IV	463 McDonough St., Brooklyn, N.Y.
Schlaffhorst, Harold Anderson	1917	X	96 Ellery St., Cambridge, Mass.
Schmucker, Robert Antoine, $\Phi K \Sigma$	1915	III	Red Hook, N.Y.
Schneider, Solomon	1915	V	47 Bickford St., Roxbury, Mass.
Schoeppe, Edward	1915	IV	1036 N. 3d St., Philadelphia, Pa.
Schoonmaker, Lucas Elmendorf	1917	VI	81 Hillside Ave., Orange, N.J.
Schroeder, Rolf Alwin	1917	III U.	53 Westbourne Ter., Brookline, Mass.
Schur, Milton Oscar	1916	X	5 Stillman St., Boston, Mass.
Schwartz, Benjamin	1915	X	146 Shirley Ave., Revere, Mass.
Scott, Warren Joseph	1918		1423 Cambridge St., Cambridge, Mass.
Scully, Francis Paul, $B \Theta \Pi$	1915	I	1802 Massachusetts Ave., Cambridge, Mass.
Sebben, Edward Baker	1916	X U.	1331 Humboldt St., Denver, Col.
Secombe, Percy	1916	IV U.	Wayside, Concord, Mass.
Segal, Leo	1915	VI	11 Grove St., Boston, Mass.
Seltzer, Max	1918		495 Massachusetts Ave., Lexington, Mass.
Sewall, Edward Dennis	1917	II U.	81 Dale St., Waltham, Mass.
Seymour, Cecil Russell	1918		P.O. Box 304, S. Lancaster, Mass.
Seymour, William Henry	1917	II	6 Lewis Ave., Winthrop, Mass.
Shakespeare, William MacIntyre, $\Delta \Upsilon$	1916	XI U.	193 Central Ave., E. Orange, N.J.
Shand, Robert Gordon	1917	II	14 Mace Pl., Lynn, Mass.
Shedd, Clifford Earnest	1916	II U.	74 Lakeview Ave., Haverhill, Mass.
Shedd, Gale Colburn, $\Delta \Upsilon$	1915	XIV	Keene, N.H.
Shedden, John Bruce, $\Delta \Phi$	1916	VI Sp.	1400 Olive Ave., Chicago, Ill.

Name and Society	Class	Course	Home Address
Sheehan, Thomas William	1915	I	479 Pleasant St., Malden, Mass.
Sheils, Henry Connor	1915	I	101 Fenwood Rd., Roxbury, Mass.
Shelton, Philo Sherwood	1918	U.	1464 Fairfield Ave., Bridgeport, Conn.
Shepard, Henry Bradbury, $\Phi \Gamma \Delta$	1916	II	East Derry, N.H.
Sherman, Albert Case, Jr.	1915	IV	155 William St., New Bedford, Mass.
Sherman, Edward Mowry	1918		R. F. D. Box 40, Marlboro, Mass.
Sherman, Robert Parker	1915	XIII	Manila, P.I.
Shuey, Arthur Ferguson, A.B.	1916	XI U.	Camden, Ohio
Sibley, Dean Sheridan, $\Theta \Xi$	1918		North Newport, N.H.
Sidelinger, Roy Le Van, $\Theta \Delta X$	1917	XV U.	19 Avon Way, Quincy, Mass.
Sidman, Edward Abraham	1917	II U.	9 Bradshaw St., Dorchester, Mass.
Siegel, Samuel	1917	X	254 Warren St., Roxbury, Mass.
Sifton, Clifford Edward, A T Ω	1915	VI	Belmont Rd., Hood River, Ore.
Silloway, Ralph Marston	1918		314 High St., Newburyport, Mass.
Simmons, Albert, A T Ω	1916	IV U.	East Royalty, P.E.I., Can.
Simonds, Howard Messenger	1918		52 Shawmut Ave., Marlboro, Mass.
Simons, George Washington, Jr., S.B., $\Phi K \Psi$	1915	XI	Portland, Ore.
Simpson, Charles Francis, $\Sigma A E$	1918	U.	309 Fremont St., Waterloo, Ia.
Simpson, Roy Merton	1918		19 Walker St., W. Somerville, Mass.
Simpson, Stephen Gersham	1916	V	22 Elmore St., Roxbury, Mass.
Sims, Walter	1917	VI U.	1020 Smithfield Ave., Saylesville, R.I.
Sindler, Jacob	1916	X U.	1804 E. Baltimore St., Baltimore, Md.
Skolfield, George Lincoln, Jr., A.B., $\Delta K E$	1916	I	153 Main St., Brunswick, Me.
Slator, Grover Cleveland	1918	U.	Brackettville, Tex.
Sloan, William James	1916	IV	16 Summer St., Westerly, R.I.
Small, Frank Sylvester	1916	III	149 Lexington St., E. Boston, Mass.
Small, Philip Lindsley	1915	IV	316 E. 4th St., Jamestown, N.Y.
Smeltzer, Louis Plitt, Ph.B.	1916	VI	108 W. Armour Blvd., Kansas City, Mo.
Smith, Andrew James	1918		188 Franklin St., Cambridge, Mass.
Smith, Carroll Cummings	1917	III	80 Summer St., Barre, Vt.
Smith, Clarence Lester	1915	VI	97 Munroe St., Roxbury, Mass.
Smith, Granville Byam, A Φ	1918		1323 Madison Ave., New York, N.Y.
Smith, Harry Bennett, K Σ	1916	XIV	43 Curtis St., W. Somerville, Mass.
Smith, Howard Francis	1916	I U.	6920 Sheridan Rd., Chicago, Ill.
Smith, Howard Merrick, Jr.	1916	XIII U.	138 Adams St., Lakewood, R.I.
Smith, Malcolm Howard	1918	U.	115 Prospect St., Gloucester, Mass.
Smith, Maynard Long, $\Delta K E$	1918		1112 Centre Ave., Bay City, Mich.
Smith, Raymond Edmister	1917	II U.	163 Belmont St., Belmont, Mass.
Smith, Raymond Slack, A X A	1917	I U.	97 W. Main St., Freehold, N.J.
Smith, William Henry	1915	I	62 Church St., Dedham, Mass.
Smith, Winthrop Floyd	1918		22 Radford Lane, Dorchester, Mass.
Smithey, Louis Philippe, A.B., A.M.	1915	I Sp.	Harrisonburg, Va.
Smyth, Frederic Hastings, A.B., M.S.	Grad.	V	Hotel Ludlow, Boston, Mass.
Smyth, Ralston Blackburn	1918		21 Larchmont St., Dorchester, Mass.
Snyder, Elwyn Edward, Jr., S.B.	Grad.	X	21 Newtonville Ave., Newton, Mass.
Snyder, Ralph Moser	1916	II	Galilee, Pa.

Name and Society	Class	Course	Home Address
Solakian, Haig Nerses, A.B.	1917	III	Kilis, Aleppo, Turkey
Sommer, Henry Oscar	1916	VI U.	1557 Sherman St., Alameda, Cal.
Southwick, Arthur Maurice	1918		176 Waban Ave., Waban, Mass.
Southwick, Bertram Holden	1918		126 Bowler St., E. Lynn, Mass.
Spaulding, Sumner Maurice, $\Phi K E$	1916	IV U.	Ionia, Mich.
Spear, Carlton Jernegan, ΔT	1916	I	Edgartown, Mass.
Spear, George Dana	1917	VI U.	32 Common St., Walpole, Mass.
Spear, Theodore Franklin, $A T \Omega$	1915	X	15 Haviland St., Boston, Mass.
Spencer, Dwight Parker	1918		80 N. Main St., Manchester, Conn.
Spencer, Edmond, $\Theta \Delta X$	1918	U.	97 St. Stephen St., Boston, Mass.
Spencer, William Benjamin	1915	IV	552 Main St., Medford, Mass.
Spengler, Ralph Allen	1916	VI U.	Gates Mills, Ohio
Spooner, Frederick Carroll	1918		99 Harvard St., Dorchester, Mass.
Spooner, George Ashton	1916	IV U.	144 Glen Ave., Council Bluffs, Ia.
Sprague, Charles Warren	1918		8 Bow St., Taunton, Mass.
Sprague, William Griffith, $B \Theta \Pi$	1916	IV U.	30 Kirby Ave., Detroit, Mich.
Stafford, John Wesley, ΔT	1916	II	"The Warner," Hackensack, N.J.
Stagg, Joseph Henry, Jr., $\Delta T \Delta$	1917	XV U.	151 West Ave., Bridgeport, Conn.
Stahl, Theodore Erasmus	1917	XIII	67 Highland Ave., Naugatuck, Conn.
Starr, Daniel Laurence	1918		13 Fairview Ave., Danbury, Conn.
Stason, Edwin Blythe, B.A.	1916	VI U.	1616 Jackson St., Sioux City, Ia.
Staub, John Fanz, B.S., $\Sigma A E$	1915	IV	850 Temple Ave., Knoxville, Tenn.
Stearns, Edmund Rand	1915	I	15 Franklin St., Derry, N.H.
Stearns, Frederick Arlington	1917	II	143 Rowe St., Melrose, Mass.
Stearns, Harry Chandler, $A \Phi$	1915	IV Sp.	5634 College Ave., Oakland, Cal.
Stebbins, George Hobart	1917	XIII	28 Barnaby St., Fall River, Mass.
Steere, John Averill	1916	I U.	Fort Banks, Winthrop, Mass.
Steese, George Morris, A.B., $B \Theta \Pi$	1916	I	Box 592, Harrisburg, Pa.
Stein, Mark Henry	1918		194 Passaic St., Passaic, N.J.
Stelle, Edward Hopkinson	1915		33 Cambridge Pl., Brooklyn, N.Y.
Stephens, Henry Caldwell	1918	U.	213 N. Broadway, Wheeling, W. Va.
Stephenson, William Wisson, Jr.	1915	IV Sp.	445 Emerson St., Rochester, N.Y.
Sterner, Harold, $\Delta \Psi$	1918		1 Lexington Ave., New York, N.Y.
Stetler, Marvin Mayfield, $\Delta T \Delta$	1918		3115 Hood St., Dallas, Tex.
Stetson, Bradford, $B \Theta \Pi$	1916	I U.	23 Dakota St., Dorchester, Mass.
Stetson, Frederick Walter	1915	X	13 Browning Rd., Somerville, Mass.
Stevens, Frank Burton, Jr.	1918		19 Bird Hill Rd., Newtonville, Mass.
Stevens, George Radcliffe	1917	VI	1834 Beacon St., Brookline, Mass.
Stevens, Louis Waldo, $\Phi \Sigma K$	1917	XV	32 Pleasant St., Marlboro, Mass.
Stevens, Norman Ferdinand	1917	VIII	109 Holland St., Lewiston, Me.
Stevens, Raymond Sawtell, $K \Sigma$	1917	XV	37 Bowers St., Nashua, N.H.
Stewart, Arthur Knowles, $\Theta \Delta X$	1916	II U.	1 Blackstone St., Lonsdale, R.I.
Stewart, Earle Reynard	1918		Box 213, Sharon, Mass.
Stewart, Howard Raitt, $\Theta \Delta X$	1917	XV	75 Lancaster St., Worcester, Mass.
Stewart, James Sydney, $\Theta \Xi$	1917	II U.	36 Norfolk Ave., Swampscott, Mass.
Stewart, Leslie Allan	1918		821 Forest Ave., Buffalo, N.Y.
Stewart, Vernon Theodore, Ph.B., $B \Theta \Pi$	1915	X	Silver Creek, N.Y.
Stewart, Walter Scott, $\Theta \Delta X$	1916	II	1 Blackstone St., Lonsdale, R.I.
Stickney, George Horton, B.S., $\Phi \Gamma \Delta$	1916	II	88 Cabot St., Beverly, Mass.
Stimets, Bruce Negus, A.B.	1916	II U.	33 Gifford Ave., Jersey City, N.J.
Stocking, Harvey Chase	1916	IV	217 Quincy St., Brooklyn, N.Y.
Stockman, Charles Currier, 2d	1918		153 High St., Newburyport, Mass.
Stockmann, Erling Brynjulf, $\Phi K \Sigma$	1917	XV U.	422 Brook Rd., Milton, Mass.
Stone, Leonard	1916	II	30 Summit Rd., Medford, Mass.

Name and Society	Class	Course	Home Address
Stone, Nelson, B.S.	1915	I	Wareham, Mass.
Storm, Allston Everett, Σ A E	1916	V U.	147 W. 77th St., New York, N.Y.
Story, Jacob, A T Ω	1917	XIII	Essex, Mass.
Stowell, Raymond Miles	1916	IV U.	Walpole, Mass.
Strahlmann, Otto Edward	1915	VI U.	4th and D Sts., San Diego, Cal.
Strang, Peter MacDonald	1918	U.	348 Central St., Auburndale, Mass.
Strangman, Warren Andrews	1916	II	6 Kingsbury St., Needham, Mass.
Stringfield, Raymond Beverly, A.B.	1915	X Sp.	229 S. Normandie Ave., Los Angeles, Cal.
Strong, Theodore, B.A.	1916	VI	93 College Ave., New Brunswick, N.J.
Strong, Walter Burroughs, Φ Σ K	1917	VI	Goshen, N.Y.
Strout, Henry Elmer, Jr.	1917	XV	11 Westerly St., Roxbury, Mass.
Stuart, Edward	1915	VII	191 St. Botolph St., Boston, Mass.
Stuart, Wallis E., Jr.	1918		363 Washington St., Cambridge, Mass.
Stubbs, Arthur Rollin, Φ B E	1915	XI	12 Lincoln St., Rockland, Me.
Sturtevant, Harold Vaughan	1918		153 Chatham St., Lynn, Mass.
Sullivan, Alan Porter	1917	XIV	Terryville, Conn.
Sullivan, Edward Lynch	1915	II	564 Fifth St., S. Boston, Mass.
Sullivan, George Paul	1917	X U.	Lewiston, Ida.
Sullivan, James Henry, Jr.	1918		41 Ocean St., Lynn, Mass.
Sullivan, William Aloysius	1917	IV	160 S. Broadway, Lawrence, Mass.
Sully, Kenneth Murchison, Σ X	1916	III	Santa Rita, N.M.
Surls, Frank Livingood, A.B., Δ T Δ	1915	V	71 Babcock St., Brookline, Mass.
Sutermeister, Frederick	1916	II	285 Belmont St., Wollaston, Mass.
Sutherland, George, A.B.	1916	VI Sp.	9 Cross St., Fort Plain, N.Y.
Swain, Winthrop Chester, A.B.	1916	I U.	95 Mt. Vernon St., W. Roxbury, Mass.
Swan, LeRoy Amos, Σ A E	1917	II	71 Maple St., Norwich, Conn.
Sweeney, Samuel William	1918		93 Fort Ave., Roxbury, Mass.
Sweet, George Albert, Θ Ξ	1916	X	59 School St., Milford, Mass.
Swift, Herbert Dyer, Φ Σ K	1915	II	760 Jefferson Ave., Detroit, Mich.
Sylvander, Roy Cornelius	1917	II	277 Winthrop St., Taunton, Mass.
Sze, Ying Tse-yu	1915	XIII Sp.	Shanghai, China
Tabbutt, Arthur Millard	1917	IV U.	15 Ash St., Bar Harbor, Me.
Taber, Sherwood Holmes	1918		299 Washington St., Canton, Mass.
Tai, Shiu Tao	1916	II	Hunan, China
Tallman, William, Θ X	1915	IV Sp.	92 Green St., Fairhaven, Mass.
Tapley, Warren Leonard, Δ K E	1917	XV	308 Cabot St., Newtonville, Mass.
Tarpley, Donald Greene, Δ K E	1917	IV	854 Melinda Ave., Portland, Ore.
Tasman, Eric Morrell, B.S.	1916	XI	907 E Ave., Elyria, Ohio
Tavener, Charles Howell	1918	U.	1525 Blue Hill Ave., Mattapan, Mass.
Taylor, Paul Huse, Φ K Σ	1915	II	Wakefield, Mass.
Teeson, Ercell Arthur	1915	II	18 Crowell St., Lowell, Mass.
Thexton, Clarence Hamilton	1917	IV	St. Thomas, N.D.
Thomas, George Washington	1918		40 W. Sixth St., Lowell, Mass.
Thomas, Howard Cushing	1915	I	200 Washington St., Wellesley Hills, Mass.
Thomas, Paul Baker	1916	II U.	Keedysville, Md.
Thomas, Wallace Senteny, Δ K E	1915	II	721 E. High St., Springfield, Ohio
Thomas, Winthrop Gordon, Θ Δ X	1916	II U.	133 W. 73d St., New York, N.Y.
Thompson, Norman Julien	1916	XIV	48 Chestnut St., Andover, Mass.
Thomson, Gerald Whaley	1916	I U.	85 Redington St., Swampscott, Mass.

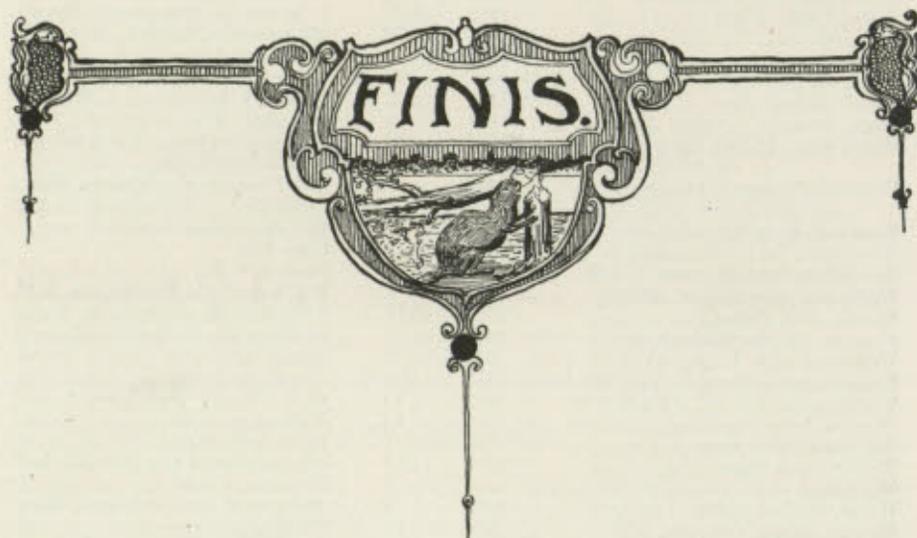
Name and Society	Class	Course	Home Address
Thresher, Brainerd Alden, ΣX	1918		128 W. First St., Dayton, Ohio
Thurston, Cedric Errol	1917	VI U.	Andover, Mass.
Thyberg, Albert Samuel	1917	II U.	30 Longfellow Ter., Springfield, Mass.
Tierney, Harold Joseph	1917	VI	42 Round Hill St., Roxbury, Mass.
Tiffany, Ralph Vosburg, ΘX	1915	XI	Winsted, Conn.
Timanus, Clarence Sydney	1918	U.	3118 Karnes Rd., Kansas City, Mo.
Tirrell, Walter Gladstone	1915	I	South Chatham, Mass.
Tisdale, Ellis Spence, $\Delta X A$	1915	XI	May St., Needham, Mass.
Toabe, Kebe	1915	V	79 Concord St., Lawrence, Mass.
Tobey, James Alner, ΘX	1915	XI U.	136 Blue Hill Ave., Roxbury, Mass.
Todd, James Madison	1918		429 N. Broadway, Lexington, Ky.
Tolman, Samuel Leland	1915	XI	Hanover, Mass.
Tonry, Albert Joseph	1917	XI	146 Lincoln St., Winthrop, Mass.
Toole, Harry Sylvester	1917	V	298 Harvard St., Cambridge, Mass.
Tourtellotte, Neal Everett, $B \Theta \Pi$	1917	IV U.	1510 Franklin St., Boise, Ida.
Townshend, Bailey, $\Phi K \Sigma$	1916	VIII	45 W. 35th St., New York, N.Y.
Toye, Kenneth Bertrum	1917	II U.	222 Hamilton St., Cambridge, Mass.
Travers, Frank Alvah	1918		66 Howard St., Haverhill, Mass.
Travis, Edward Payson	1918		35 Park Ave., Natick, Mass.
Travis, Lawrence LeValley	1915	VI	3831 Wilcox Ave., Chicago, Ill.
Trombla, Daniel Courtright	1917	X	19 Congress St., Amesbury, Mass.
Trushlevich, Victor John, E.M.	1915	III Sp.	Spalermaya 33, Petrograd, Russia
Tseng, Chou Chuan	1915	VI	Chongsha, China
Tsui, Yulien Neanshau	1915	III Sp.	Hupeh, China
Tucker, Carlton Everett	1918		136 School St., Whitman, Mass.
Turin, Victor	1918	U.	Tchernigoff, Russia
Turner, Nelson Webster, B.S.	1915	III Sp.	7 E. Main St., Ayer, Mass.
Turner, William Hugh	1918		281 Broadway, Winter Hill, Mass.
Turrell, Herbert Newton, Jr., ΘX	1915	VI	841 Walker Ave., Oakland, Cal.
Tutein, Chester Robinson	1918		33 Lloyd St., Winchester, Mass.
Tutein, Dexter Arthur, $\Theta \Delta X$	1917	X	33 Lloyd St., Winchester, Mass.
Tuttle, Albert Edward	1917	VI U.	350 Esplanade, Cambridge, Mass.
Tuttle, George Woodbury	1916	II	20 Court St., Exeter, N.H.
Tuttle, William Fletcher	1917	XI	11 Pelham Ter., Arlington, Mass.
Twomey, Edward Francis	1917	XI U.	66 Rockaway St., Lynn, Mass.
Uhlinger, James Philip, $\Phi K \Sigma$	1916	IV	85 E. Main St., Johnstown, N.Y.
Ullian, Hyman Benjamin	1916	I	35 Creston St., Dorchester, Mass.
Underwood, Harold Ray	1918		54 Redington St., Swampscott, Mass.
Upton, Frederick Pattangall	1916	VIII	3516 10th St., N.W., Washington, D.C.
Urquhart, George Robert, $\Sigma A E$	1915	X	38 Walden St., Concord, Mass.
Van Da Linda, Lloyd Britton, ΣX	1918	U.	Riverbank Rd., N. Weymouth, Mass.
Van Kirk, Robert Woods, Jr., $\Phi B E$	1918		40 Lincoln Pk., W. Newton, Mass.
van Zelm, Louis Franklin	1918		8 Bancker Pl., New Rochelle, N.Y.
Vile, Norman Judd	1916	II	63 Griswold St., Meriden, Conn.
Vogel, Fred John	1915	VI	339 Summer St., Somerville, Mass.
Vose, Lewis Scott	1916	II U.	53 Grampian Way, Dorchester, Mass.

Name and Society	Class	Course	Home Address
Waite, David Everett, $\Theta \Xi$	1917	X U.	316 Bloomingdale Rd., Worcester, Mass.
Watt, Alden Harry, $B \Theta \Pi$	1915	V	33 Ashland St., Medford, Mass.
Walcott, Raymond Hamilton, $\Delta X A$	1915	X U.	665 Main St., Clinton, Mass.
Walker, Edward Cyrus, 3d, A.B.	1915	XIV U.	220 E. Main St., Batavia, N.Y.
Walker, George Edward	1917	XIV	Beecher Ter., Newton Centre, Mass.
Walker, Sibyl	1918		1205 E. S. Temple St., Salt Lake City, Utah
Wall, Francis James	1916	V	557 Dudley St., Dorchester, Mass.
Wallace, Stuart Gilbert	1918		6 Brown Ter., Jamaica Plain, Mass.
Wallis, Charles Parker, $\Delta K E$	1916	IV	56 W. 45th St., New York, N.Y.
Wallis, James Erastus, Jr.	1917	XV	11 Bigelow St., Cambridge, Mass.
Walsh, Gerard Roland	1915	I U.	1210 S. 5th St., Tacoma, Wash.
Walter, Albert Ulman	1915	II	2801 N. Charles St., Baltimore, Md.
Walter, Ray Bobb, $\Delta T \Delta$	1916	I U.	Selinsgrove, Pa.
Wang, Chou	1915	XIII B	Nanking, China
Wang, Hsi Chang	1918		Foochow, China
Wansker, Harry Abe	1918		20 Teel St., Arlington, Mass.
Wansker, Joseph	1918		20 Teel St., Arlington, Mass.
Ward, Charles Johnson, B.S.	1915	I	77 N. 5th St., Newark, Ohio
Wardle, Andrew Nelson	1915	XI	80 Oakdale Ave., E. Dedham, Mass.
Wareham, Charles Montgomery	1915	XI U.	41 Thomas Rd., Swampscott, Mass.
Warfield, George Harold, ΘX	1915	I	127 Carrington Ave., Woonsocket, R.I.
Warner, Donald Dann	1918		1251 Commonwealth Ave., Allston, Mass.
Warner, Frederick Lawrence, $\Phi \Sigma K$	1918		13 Mason St., Salem, Mass.
Warshaw, Nathaniel	1916	II	11 Bedford St., Quincy, Mass.
Wasgatt, Helen Stuart	1916	IV U.	180 Hancock St., Everett, Mass.
Washburn, Frederick Arthur	1918		1 Spring St., Dorchester, Mass.
Washburn, George Henry Thomas	1917	IV U.	507 Sherry St., Ottawa, Kan.
Waterman, Ralph Douglas, $\Sigma A E$	1915	IV U.	1666 Race St., Denver, Col.
Waters, Frederic Elmer	1915	II	91 North St., Salem, Mass.
Watrous, Earl G., Jr.	1918	U.	750 Gordon Ter., Chicago, Ill.
Watson, Philip Bickford	1917	X	1340 Commonwealth Ave., Allston, Mass.
Watt, Charles Henry	1918		14 Hill St., Lexington, Mass.
Waymouth, George William	1916	II	San Juan, P.R.
Weaver, Eastman Atkins, $\Phi \Gamma \Delta$	1915	XIV	331 28th St., Des Moines, Ia.
Weaver, Ernest Jesse	1915	II U.	34 Winthrop St., W. Newton, Mass.
Webber, Leon Hubert, S.B.	Grad.	VI	71 School St., N. Brookfield, Mass.
Webber, Porter Clifton	1916	XI	171 Main St., Milford, Mass.
Weber, Harold Christian	1918		160 Brook St., Mattapan, Mass.
Weber, William, $\Delta X A$	1918	U.	321 24th Ave., N., Seattle, Wash.
Webster, Donald Blake, $\Phi B E$	1916	X	18 Clarendon St., Malden, Mass.
Webster, Walter Wynne	1915	XIII A	1123 3d Ave., S., Fargo, N.D.
Weisberg, Louis, B.A.	Grad.	V	1610 Pennsylvania Ave., Dallas, Tex.
Weiscopf, Marcus William	1918		1782 Beacon St., Brookline, Mass.
Weissbach, Edward Adolf	1916	II	1214 Laidlaw Ave., Cincinnati, Ohio
Wellcome, Hubert Eugene	1918		11 Charles St., Waltham, Mass.

Name and Society	Class	Course	Home Address
Welles, Robert, A.B.	1915	VI	92 Ave. Henri Martin, Paris, France
Wellington, Marshall Symmes	1916	XI	150 Highland Ave., Winchester, Mass.
Wellman, Harvey Elijah, B.A., $\Phi \Sigma \kappa$	1916	V U.	71 Medway St., Providence, R.I.
Wells, Arthur Kendrick	1916	II U.	45 Hunnewell Ave., Newton, Mass.
Wells, Benjamin Slocum	1917	I	44 Tuttle St., Dorchester, Mass.
Wells, Burling Dinant	1917	II U.	19 Grandview Ave., Danbury, Conn.
Wells, Franklin Henry	1918		15 Washington Ave., Winthrop, Mass.
Wells, Harold Curtis	1918		34 Bates Rd., Watertown, Mass.
Wells, Howard Hawley, $\Delta \kappa \epsilon$	1916	IV U.	156 Westmoreland Pl., Los Angeles, Cal.
Wells, Jackson Baldwin, $\kappa \alpha$	1915	I	Waco, Tex.
Wells, Robert Hawley, $\Delta \kappa \epsilon$	1918		156 Westmoreland Pl., Los Angeles, Cal.
Wentworth, John, A.B., $\Delta \kappa \epsilon$	1917	IV Sp.	1240 Lake Shore Drive, Chicago, Ill.
Wentworth, Wallace Edward	1916	XIV	104 Chatham St., E. Lynn, Mass.
Wenzel, Adolphe Helck, $\Phi \Gamma \Delta$	1917	VI U.	46 Highland Ave., Middletown, N.Y.
Werlich, McCeney, $\Phi \beta \epsilon$	1916	X U.	Washington, D.C.
Wermuth, Eugene Francis	1918		66 Warrenton St., Boston, Mass.
Wescott, Ernest Waters, B.S., M.S.	Grad.	V	12 Sumner Rd., Cambridge, Mass.
Westbrook, Leon Russell	1917	V U.	41 Eleventh Ave., Haverhill, Mass.
Weston, Timothy Herbert	1917	I	Broad Cove, Me.
Wetlaufer, Julius Louis, $X \Phi$	1918		2211 Broadway, New York, N.Y.
Wheatly, Frank Stevens	1915	IV Sp.	335 Lafayette St., Salem, Mass.
Wheatley, Russell Holbrook	1917	XIV	174 Adams St., N. Abington, Mass.
Wheeler, Alden Dodge, Jr., $A \Delta \Phi$	1915	II	50 Grafton St., Newton Centre, Mass.
Whitall, Charles Whitmore, A.B.	1915	VI	71 Larch Rd., Cambridge, Mass.
Whitcomb, Herbert Hartwell, $\Phi \Sigma \kappa$	1915	II	Littleton, Mass.
Whitcomb, Ralph Leslie	1918		S. Main St., Sharon, Mass.
White, Donald Heald, A.B., $\Delta \kappa \epsilon$	1915	X U.	3 Nudd St., Waterville, Me.
White, Frederick William, Jr., $\Delta T \Delta$	1918		39 Washington St., Hartford, Conn.
White, George Roland, $B \Theta \Pi$	1918	U.	363 Locust St., Steelton, Pa.
White, Harold Eaton	1916	II	150 High St., Reading, Mass.
White, Joris MacDonald, $X \Phi$	1918		Basking Ridge, N.J.
White, Nathaniel Pendleton, $\Phi \kappa \Sigma$	1915	I U.	31 Newbury St., Boston, Mass.
White, Russell Hubbard, $\Delta T \Delta$	1916	I	143 Newbury St., Boston, Mass.
Whitehead, Walter Lucius, S.B.	Grad.	XII	57 Dana St., Cambridge, Mass.
Whiting, Edmund Alden, $\Phi \Gamma \Delta$	1916	II	76 Gates Ave., Montclair, N.J.
Whiting, Harold William	1917	XI	Millis, Mass.
Whitman, Walter Gordon	1917	X	364 Winthrop St., Winthrop, Mass.
Whitman, Warren Clifford, A.B., ΘX	1915	VII	62 Chapel St., Abington, Mass.
Whitmore, John Thoreau	1918		128 Mulberry St., Springfield, Mass.
Whitney, Richard Thompson, $\Phi \Gamma \Delta$	1917	XI	14 Radcliffe Rd., Allston, Mass.
Whitten, Francis, Jr., S.B.	Grad.	IV	56 Hawthorne St., Malden, Mass.
Whitwell, George Edward, $X \Phi$	1915	IX	1718 Corcoran St., Washington, D.C.
Whorf, Benjamin Lee	1918		94 Somerset Ave., Winthrop, Mass.
Wiley, Sumner Kennard	1918		25 Fenwick St., Winter Hill, Mass.
Wilkins, Charles Howard, ΘX	1915	II	62 Page Rd., Newtonville, Mass.
Wilkins, Richard Alfred, $\Phi \beta \epsilon$	1918		97 St. Paul St., Brookline, Mass.

Name and Society	Class	Course	Home Address
Williams, Allison Ridley	1915	VI	1607 16th St., N.W., Washington, D.C.
Williams, Amory Leland	1918	IV U.	Woodstock, Vt.
Williams, Charles Wyatt, $\Theta \Delta X$	1915	I	60 E. Second St., Corning, N.Y.
Williams, Frederick Ford, C.E.	1915	I Sp.	42 Pennsylvania Ave., Rosebank, L.I., N.Y.
Williams, Jesse Wight	1917	II U.	922 Cumberland St., Lebanon, Pa.
Williams, Lester Albert	1917	II	34 Bickerstaff St., Boston, Mass.
Williamson, Herbert Charles	1916	IV	200 Birr St., Rochester, N.Y.
Willis, Sanford Lawton	1915	III	220 Hamilton St., Dorchester, Mass.
Wills, Royal Barry	1918		53 Oakland St., Melrose, Mass.
Wilson, Dustin Whittier	1917	V U.	Dover, Me.
Wilson, Gardiner Cushing	1915	XIV	149 Chiswick Rd., Brighton, Mass.
Wilson, Louis Alexander, S.B.	Grad.	XIV	36 Harbor View St., Dorchester, Mass.
Wilson, LeRoy Waring, $\Lambda \Phi$	1916	IV	Allendale, S.C.
Wilson, Robert Erastus, Ph.B.	1916	X	1011 Beall Ave., Wooster, Ohio
Wilson, Walter Chadbourne	1918		34 Thirteenth St., Lowell, Mass.
Winslow, Edward Nicholas	1918		551 Jefferson Ave., Elizabeth, N.J.
Winton, Clifford Dillaway, $X \Phi$	1918		46 Cliff Rd., Wellesley Hills, Mass.
Wirt, Harrison Loring	1918		1053 Beacon St., Brookline, Mass.
Wirt, Joseph Benton, ΘX	1917	X	Wellesley Hills, Mass.
Wiseman, Robert Joseph, S.B.	Grad.	VI	244 Massachusetts Ave., Arlington, Mass.
Wolfe, Christian Frederick	1915	I	525 58th St., Brooklyn, N.Y.
Wolfe, Walter John	1916	XIV	7 Crystal St., Greenwood, Mass.
Wolk, Moses	1916	VI	560 Cross St., Malden, Mass.
Wood, Carl Wilbur, $A T \Omega$	1916	I U.	39 Greenleaf St., Malden, Mass.
Wood, Hamilton Lansdowne, ΣX	1917	VI U.	Ridge Rd., Berkeley, Cal.
Wood, Walter Albert, $\Sigma A E$	1917	XV U.	11 Lowell Rd., Concord, Mass.
Wood, Walter Cromwell, $\Sigma A E$	1917	X U.	121 Albert Ave., Edgewood, R.I.
Woodbridge, Donald Eliot	1916	VI	301 School Lane, Germantown, Philadelphia, Pa.
Woodland, Lester Northrup	1918		204 Franklin St., Melrose Hlds., Mass.
Woodruff, Benjamin Hicks, Jr.	1916	VI	Porterdale, Ga.
Woodward, Edwin Mortimer, $\Delta T \Delta$	1917	IV	Odin, Ill.
Woodward, John Blossom, $\Sigma A E$	1918		Nassau, N.Y.
Woodward, Paul Gilbert, $B \Theta \Pi$	1917	X U.	1782 Lanier Pl., Washington, D.C.
Woods, John Edgar	1916	XIV	7 Mayfield St., Dorchester, Mass.
Woolley, Charles Hildreth, $\Theta \Xi$	1918		80 White St., E. Boston, Mass.
Woolley, George Thompson, Jr., $A T \Omega$	1915	II	Salina, Kan.
Wooten, James Council, 2nd, $B \Theta \Pi$	1918	III U.	Columbia, Tenn.
Worthington, Harold, A.B., $B \Theta \Pi$	1915	VI	29 E. 77th St., New York, N.Y.
Wostrel, John Frank	1915	VI	Willington, Conn.
Woythaler, Max Isaac	1916	V	Springfield, Mass.
Wright, Leon Stuart	1917	XV	401 Beechwood Ave., Muncie, Ind.
Wu, Hsien	1916	V	Foochow, China
Wylde, Wilfred Arthur	1916	X	19 Orchard Ter., N. Adams, Mass.
Wyman, Alfred Theodore, ΔT	1916	IV	Fitchburg, Mass.
Wyman, George Whitcomb	1916	VI	35 Dustin St., Brighton, Mass.
Wyman, Louis Ernst, $\Phi B E$	1917	XI	55 Magazine St., Cambridge, Mass.
Yeaton, Philip Osborne, B.S.	1916	II	20 Middle St., Portsmouth, N.H.
Yeh, Fong Teh	1915	XIII Sp.	Foochow, China
Ying, Tuen Tze, S.B.	Grad.	II	Anhin, China

Name and Society	Class	Course	Home Address
Young, Ira Randolph	1918		74 Agassiz Ave., Waverly, Mass.
Young, Irving Walker, Jr., $\Theta \Delta X$	1917	XV U.	1306 Linden St., Baltimore, Md.
Young, Jacob	1918		65 Johnson Ave., Winthrop, Mass.
Young, Louis Henry	1915	II	25 Peterborough St., Boston, Mass.
Young, William L.	1917	Sp.	766 E. 8th St., S. Boston, Mass.
Young, Vertrees, B.S.	1916	II	Delaware Ave., Oakmont, Pa.
Yuan, Tsong-Kyien	1915	VI	Hangchow, China
Yuen, Tsin	1915	XIII B	Nanking, China
Zanetti, Silvio	1915	IV	8 Bellingham St., Everett, Mass.
Zee, Jeshine Zohn	Grad.	II	Shanghai, China
Zeigler, Samuel Jacob, Jr., $X \Phi$	1916	XIII A	722 Grand Ave., Shreveport, La.
Zepfler, Louis Harrington	1915	V	115 Fair Oaks Pk., Needham, Mass.
Zhen, Min-Shou, S.B.	Grad.	II	Shanghai, China
Zi, Su, B.S.	Grad.	VI	Shanghai, China
Zilliacus, Laurin	1916	X	Shippan Point, Stamford, Conn.
Zinderstein, Norton Morris	1916	II U.	257 Prince St., W. Newton, Mass.
Zubiria S, Alfredo de, $\Phi B E$	1918		Cartagena, Colombia, S.A.
Zulalian, Badrig Barsam	1918	U.	89 Egmont St., Brookline, Mass.



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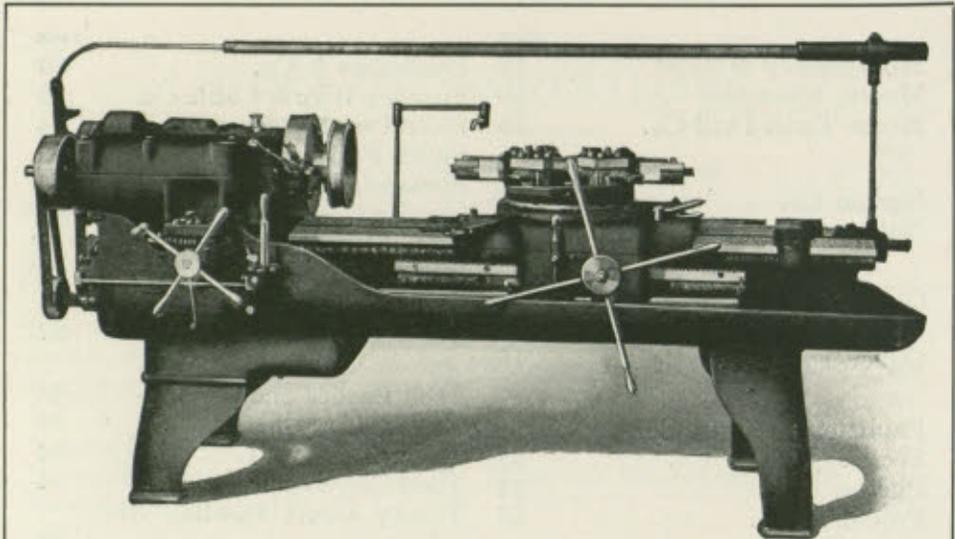
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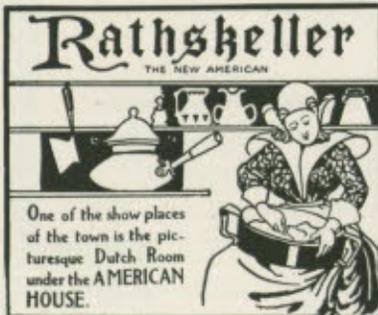
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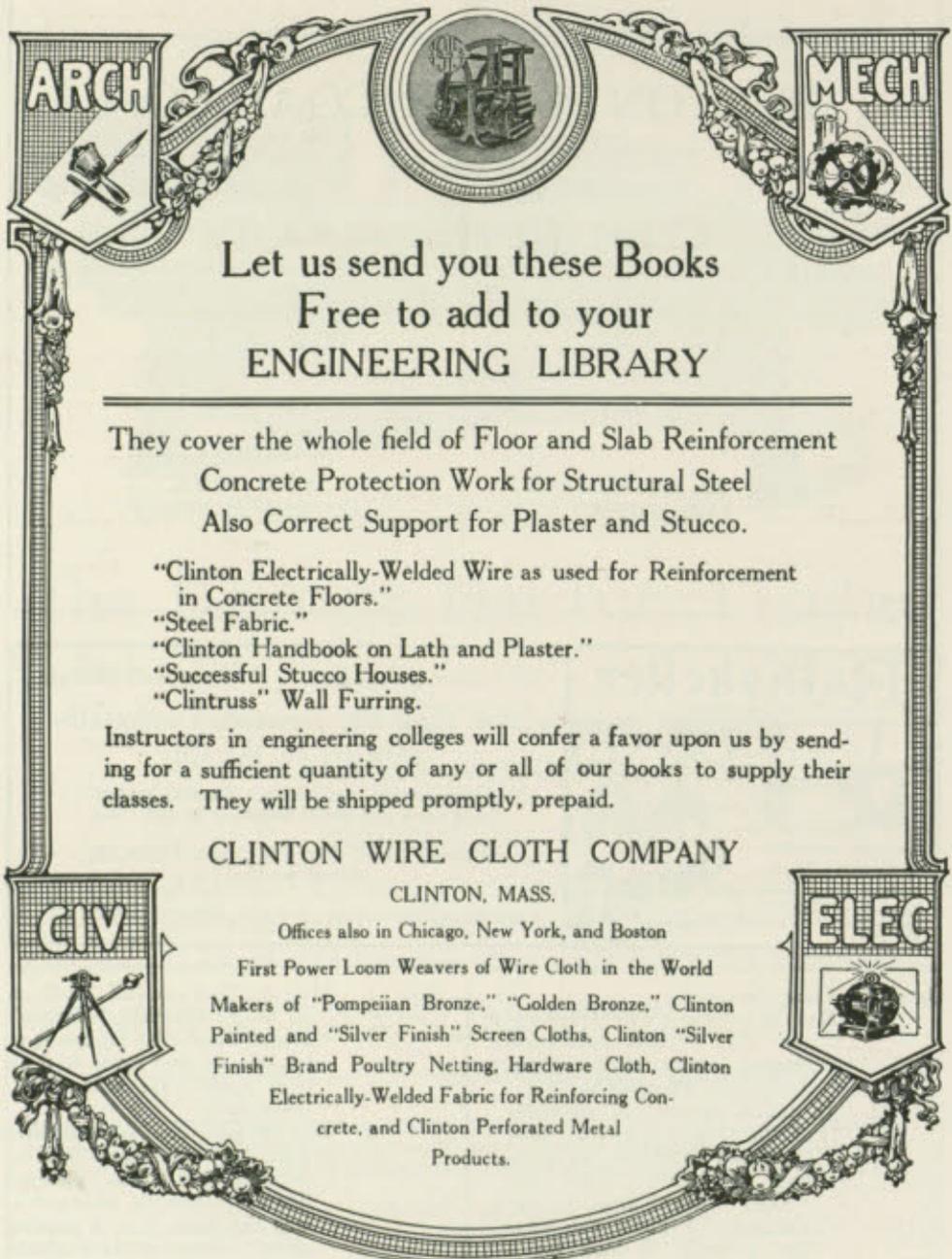
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- Oct. 23. Class elections.
26. Results announced in Huntington Hall. Class presidents elected were: Dalton, '15; Sully, '16; Harrington, '17.
30. In actual money the members of the poly con lecture class possessed \$3,062.18, an average of \$8.28. When our "Andy" heard this, he exclaimed, "I know the boys like a book. I look for a prosperous winter."

- Nov. 1. After working one full month on an M. E. drawing, "Jimmie" Evans finds that he has it in backwards, and must do it all over again. He said, "—" (censored).
6. The "Frosh" celebrate the first Field Day at the new field by winning 5-4. The "Passing Show," taken in afterwards, was the same (*i.e.*, a passing show). Some of the students also pass "out."



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- Nov. 11. The 213th Massachusetts Reserves have their first drill in uniform. The Copley-Plaza bell-boys admit their jealousy.
- 20. McDaniel's show libretto accepted at Kommers dinner. Tag Day, for benefit of athletics, nets big sum.
- 27. Lorenz elected 1918 class president.
- 29. Mathematics lab course instituted. Suppose they make proper numbers out of vulgar fractions, and find from what derivatives are derived.
- 30. Wrestling team defeats Y. M. C. A. "Brute" denies that he was ever matched to meet Cora Livingstone.
- 31. Last day of November.
- Dec. 1. First day of December.
- 7. Convocation in Huntington Hall in honor of William Barton Rogers, the first president of the Institute.

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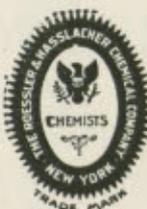
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- Dec. 9. Prof. Richards honored at banquet in Copley-Plaza.
11. Technique 1916 announces Senior Portfolio plan. We admit it is a great little idea.
16. Pulmotor installed at Institute. Authorities deny that it is for use in 22 Walker.
18. "Engineers" lose hockey match to "Tea-Drinkers," 6-2.
23. The Tech publishes New Technology number. Course V

men express surprise on hearing that the Institute is to move to Cambridge. (Yep—one of them found a perfectly good Tech.)

Dec. 24. Business of following Scott's advice, "Sleep the sleep that knows no breaking," for a few days.

Jan. 4. Junior dinner postponed—Duff sent word that he could not be present.

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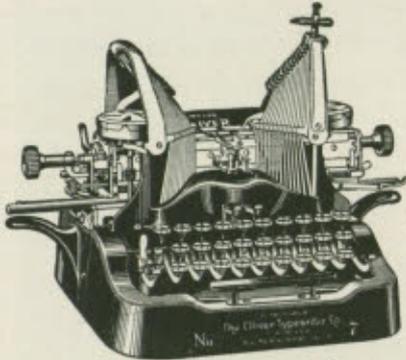
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- Jan. 8. Concert in Huntington Hall, followed by dance in the Union. "Fat" Renny dances—his execution was advisable.
11. Chess team defeats Harvard. The Tech cheering was noteworthy.
15. "Babbling" Brookes refrains from asking foolish questions in an Applied class.
18. Wrestling team defeats Brown. Our men join the Wrestlers' Union while there, and promptly become "scabs."
20. Our "Dave" Carb goes to war—let us all sing, "It's a long, long way back to Boston."
23. Webber stops smoking for twenty minutes—no one in the Union had a cigarette.



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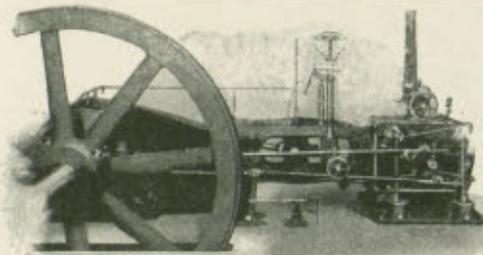
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- Feb. 8. Relay Team has to work to beat Dartmouth.
England has to work to "beat the Dutch."
"Billy" Sunday has to work to beat h—ll.
- 10. Stowell starts growth of hair under nose. (He told us this confidentially.)
- 17. Junior dinner. Technique sign-ups appear.
- 25. Elections to Senior Class Day Committee and Technique 1917 Electoral Committee announced.
U. S. at peace.
- 26. Stowell raises—(no, sir, not a baseball nine; we're gona fool ya this time)—a chess team—one on a side, that's all.
- Mar. 1. Month of the well-known "hare."
"Prom" sign-ups out.
- 3. Cause—Big Senior Scrap. Effect—THE TECH increases its circulation.

“Dyestuffs”

is the title of a monthly publication consisting of reprints from leading journals. Its purpose is to provide a monthly digest of the advances made in coloring textiles. It is distributed free to all interested. Those who may not now be in regular receipt of it can have their names placed on the mailing list for future issues if they will advise the publishers

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- Mar. 3. These are hot old times. Why go to Europe?
8. B. S. C. pacificly settled. U. S. still at peace.
17. Announcement that **TECHNIQUE 1916** is to be a pure food product, passed by a board of censors. The pages may be digested without any bad after-effects, and the cover is especially recommended. Duggan did NOT wear an orange tie to classes to-day.

- Mar. 19. Neimand Zu Hause played to capacity house in Huntington Hall. Performance followed by dance in the Union. Over \$500 realized for the use of the Institute Committee.
20. T. C. A. invites "Billy" Sunday to come to Boston and speak in the Union. "Billy" consents on condition that he will be allowed to make a few speeches on the side.

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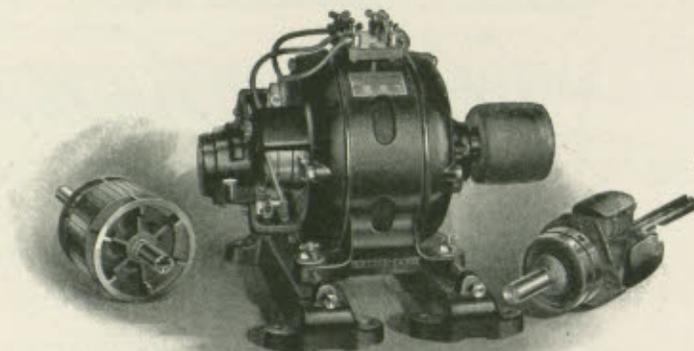
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LETTERS FROM RECENT "GRADUATES"

APRIL 1st, 1915.

DEAR EDITOR:—

As you know, I left the Institute to recuperate my health, which had suffered from my persistent pursuit (I never caught them) of my studies. At one time I was in such a condition that I couldn't sleep in phys lectures, and was in such a nervous state that I found myself working one Saturday afternoon.

At present I have a job with the Hotel Lenox. You can find me there any time, not far from the pretzel and cheese counter. I'm living rather inexpensively, for, as you know, money is scarce on account of the war, and I must be tight.

Hoping you are the same,

All-ways,

"DIP" McCLURE.

TECHNOLOGY MEN

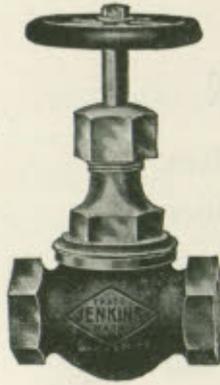
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LETTERS FROM RECENT "GRADUATES"

APRIL 6th, 1915.

DEAR EDITOR:—

In answer to your question, "What am I doing," would say that I am working extremely hard. As my work keeps me up nearly all night, I must, of course, sleep all morning. Then in the afternoon I have to shave and read the daily papers. I do have my evenings to myself, but my recreation is my work. You see I am keeping up some of my studies, and they are taking up most of my nights.

The weather here is mighty cold. If you see Walter H. tell him the next time I see him I hope it will be hotter.

Hoping you are the same, believe me (or not),

K. DAY.

P. S. Remember me to the Dean.

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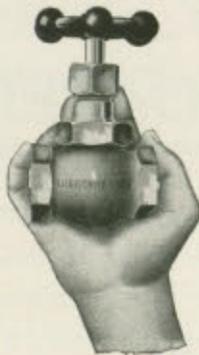
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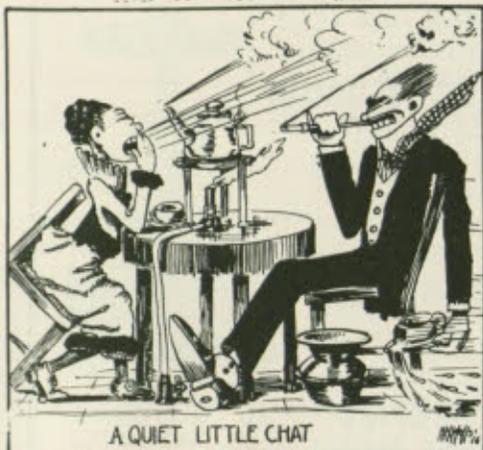
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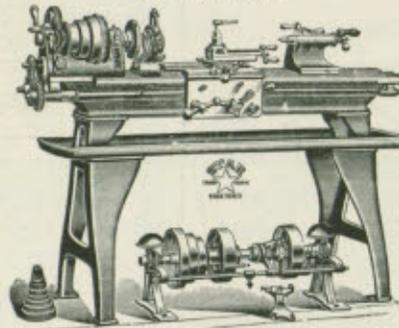
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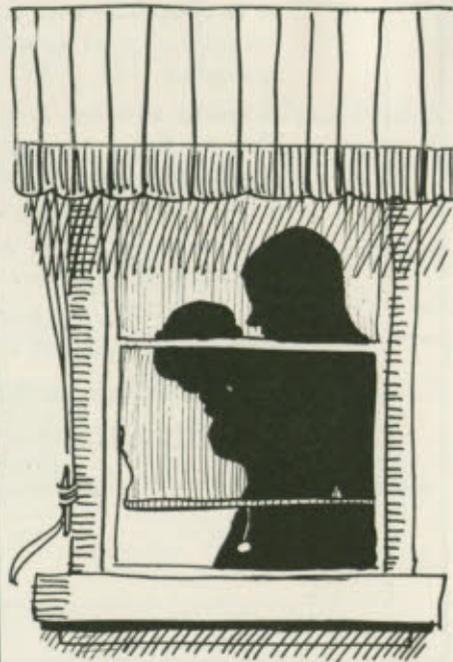
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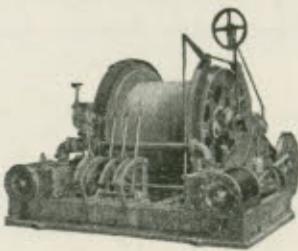
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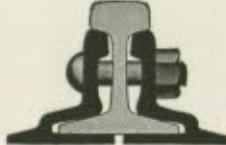
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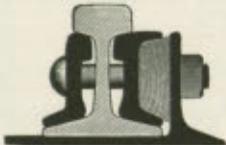
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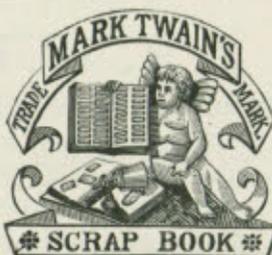
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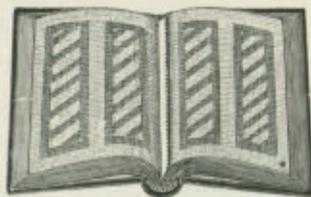
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