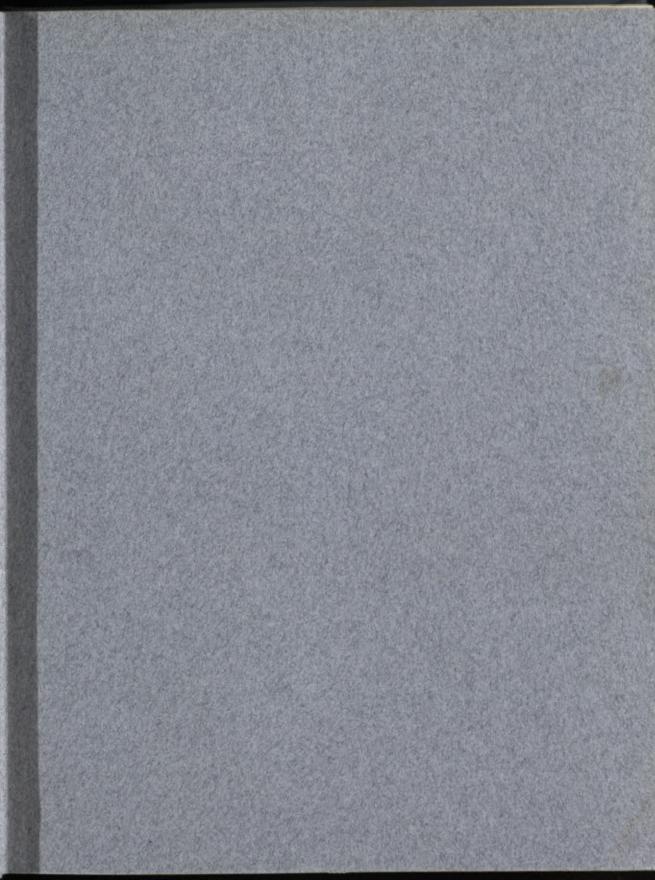
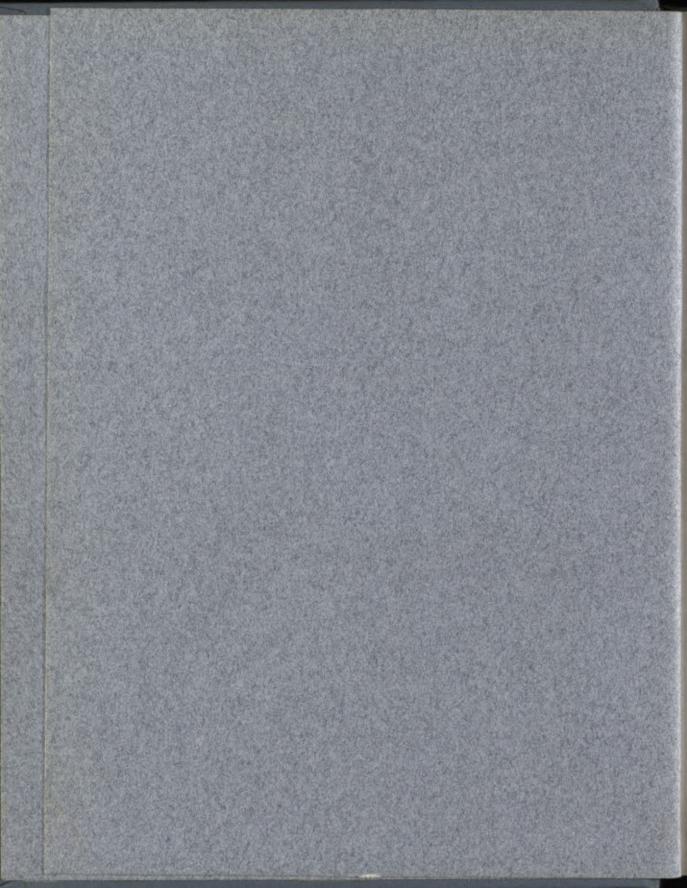
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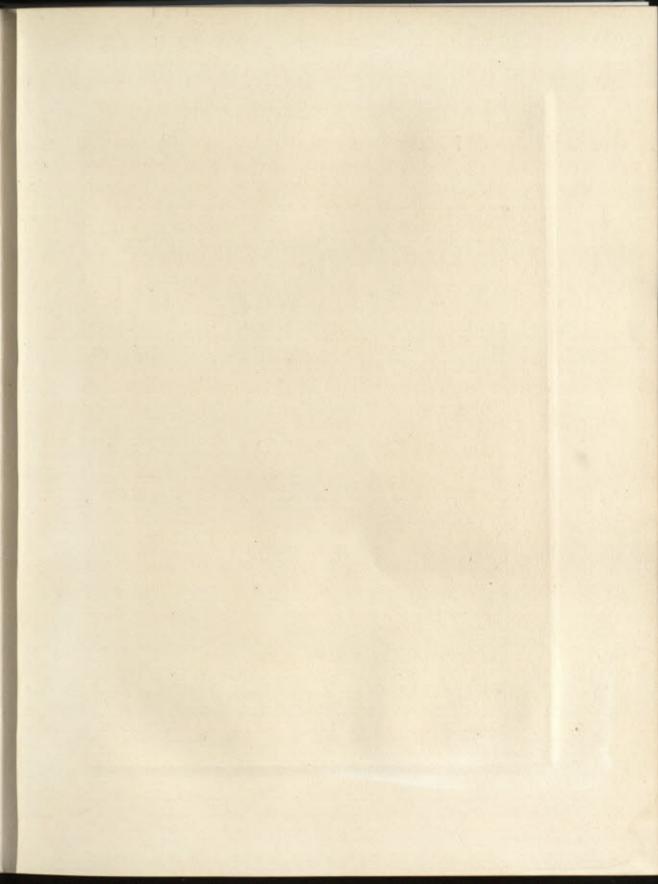
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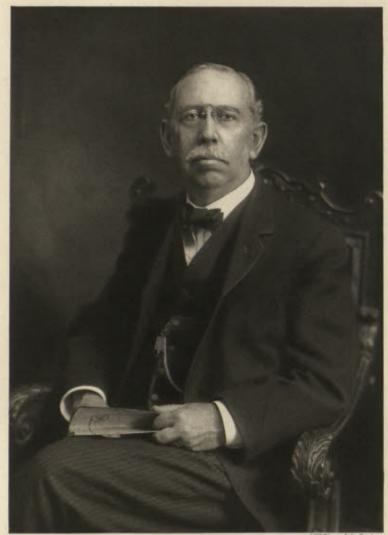
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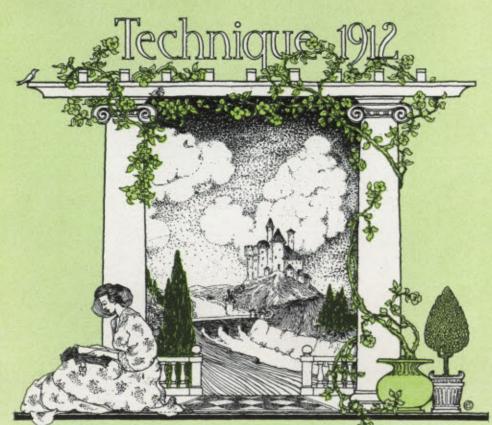
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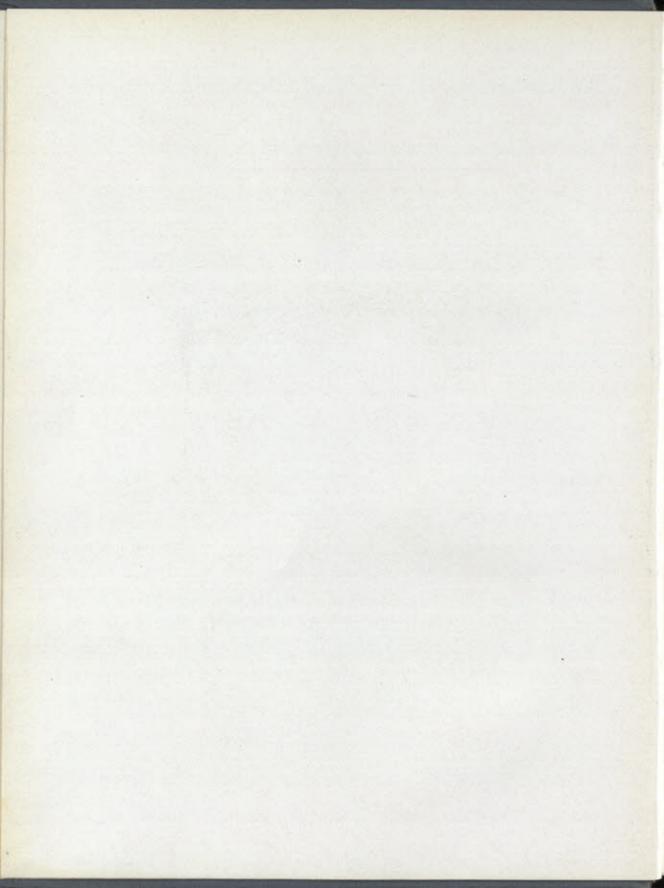


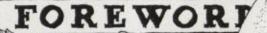
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With pen or pencil for average or frolicsome.

Our book is what you make it: if your mood

Should prove censorious and hard to please,

Our finest strokes you may find harsh and crude,

Our gentlest jests you may as slanders seize.

But if your mood be kindly, our desire

To win your favor yet may move you so

Our work from you new virtue may acquire,

And into wondrous charm and farness grow.

We in all earnestness have wrought our best; For you it is to give this book true zest.

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GAETANO LANZA

AETANO LANZA was born in Boston, Massachusetts, on September 26, 1848. His parents were Cavaliere Gaetano Lanza, of Palermo, Sicily, and Mary Ann (Paddock) Lanza, of Pomfret, Vermont.

The son resided in Boston with his parents for eleven years, and in 1859 the family removed to Charlottesville, Virginia, where the young man was sent to school.

At the age of seventeen he entered the University of Virginia, and while there he particularly distinguished himself in mathematics, receiving the Courtenay Medal for his proficiency in this subject. During his last year he was appointed Assistant Instructor of Mathematics. He was graduated in June, 1870, with the degree of Bachelor of Science and of Civil and Mechanical Engineer. He continued to teach at the University during the year following graduation, and in the fall of 1871 he returned to Boston to assume his new duties as Instructor of Mathematics at Technology. The next year he was promoted to Assistant Professor, and then he rapidly rose until in 1883 he was made Professor of Theoretical and Applied Mechanics, in charge of the Departments of Mechanical Engineering and Applied Mechanics, the position which he now holds.

In 1891 he was married to Miss Jennie Dice Miller, of Charlottes-

ville, Virginia.

Besides teaching, Professor Lanza has made many investigations upon engineering subjects, especially in the line of strength of materials, and his publications alone amount to nearly a hundred in number, thus showing a constant contribution to science covering a period of

thirty-five years.

Among his researches may be mentioned those upon the strength of timber of such sizes as are used in construction, the results of which have been published from time to time, mostly in papers presented to scientific and engineering societies, as well as in his book on Applied Mechanics, and are now adopted as standards by many engineers in their work and by cities in their building laws.

Some of his other important investigations have been on the balancing of high-speed machinery, upon reinforced concrete, upon the strength of tile arches and of full-sized locomotive connecting-rods.

Professor Lanza has always been deeply interested in educational

problems, his most extensive work along these lines being a serial article which appeared in the various numbers of the *Journal of the Franklin Institute* from May, 1894, to June, 1895, which comprised a course of six lectures prepared for delivery before the Lowell Institute in Boston in 1893. He also delivered a course of six lectures before this same body in 1894 on the Strength of Materials.

He has also acted frequently as consulting engineer and expert, and has been a member of a number of juries of award, as in the case of the Electrical Exposition held in Philadelphia in 1889, of several exhibitions of the Massachusetts Charitable Mechanics Association

of Boston, and of the Jamestown Exposition in 1907.

He has served on numerous committees of various engineering societies, such as the American Society for Testing Materials, the Joint Committee on Reinforced Concrete, and the American Society of Mechanical Engineers. He was a member of the first board of

trustees of the John Fitz Medal Corporation.

In 1903, at the request of the Chief of the Forestry Division of the United States Department of Agriculture, he prepared a plan for timber testing, which was published in a circular issued by them at the time, the greater part of his recommendations having been followed in their program of tests.

In 1907 he invented and patented a continuous steam-engine

indicator.

Professor Lanza is a member of twenty-four societies, the greater part of them being devoted to science and engineering. He was for one year vice-president of the Appalachian Mountain Club and for many years vice-president of the Mathematical and Physical Club, of which he is now and has been for three years the president. He has recently been elected a member of the honorary society of Phi Beta Kappa.

Recognition of Professor Lanza's great worth has been worldwide in its scope, and probably the greatest honor which he has received and the tribute which is most deeply appreciated by him is the conferment of knighthood upon him by the king of his father's land. In 1907 he was decorated by his Majesty Victor Emmanuel III. as Cavaliere dell' Ordine dei Sante Maurizio e Lazzaro, which is a very

ancient order.

A great force in education, an untiring contributor to science, a sincere friend to every Institute man, Professor Lanza has the admiration and deep respect of all.



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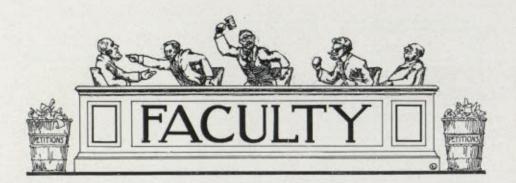
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DEPARTMENT OF CIVIL AND SANITARY ENGINEERING

C. FRANK ALLEN, S.B., M. Am. Soc. C. E., Professor of Railroad Engineering; Head of the Departments of Civil and Sanitary Engineering.—S.B., M. I. T. 1872, I.

Member of Committee of Publication of Technology Review, 1899–1901; Assistant Professor, Massachusetts Institute of Technology, 1887–89; Associate Professor, 1889–96; Professor from 1896; Head of the Departments of Civil and Sanitary Engineering, 1909.

Author of Railroad Curves and Earthwork, and other books.

Residence, 88 Montview Street, West Roxbury.



HAROLD K. BARROWS, S.B., Associate Professor of Hydraulic Engineering.—S.B., M. I. T. 1895, I.; Mem. Am. Soc. C. E.

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, 1909.

Residence, Winchester, Mass.

Charles B. Breed, S.B., M. I. T. 1897, Φ Σ K, I., Associate Professor of Civil Engineering.—Assoc. Mem. Am. Soc. C. E., Mem. Amer. Ry. Engineering, and M. of W. Assoc., Mem. Soc. for Promotion of Engineering Education.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1898–1900; Instructor, 1901–08; Assistant Professor, 1908–10; Associate Professor since 1910.

Joint author Principles and Practice of Surveying, associate editor American Civil Engineers' Pocket Book.

Residence, 5 George Street, West Lynn.







George L. Hosmer, Assistant Professor of Civil Engineering.—M. I. T. 1897, I.

Instructor in Civil Engineering, Massachusetts Institute of Technology, 1900-07; Assistant Professor from 1907.

Author of Text Book on Practical Astronomy, Principles and Practice of Surveying (with Professor C. B. Breed).

Residence, 21 Seaver Street, Wellesley Hills.



Lewis Eugene Moore, R.S., C.E., Assistant Professor of Civil Engineering.—B.S., University of Wisconsin, 1900; C.E., University of Wisconsin, 1906, T B II.

Student, Massachusetts Institute of Technology, 1901–02; Instructor in Mechanics and Structural Engineering, University of Wisconsin, 1903–04; Instructor in Theoretical and Applied Mechanics, University of Illinois, 1904–07; Assistant Professor of Civil Engineering, Massachusetts Institute of Technology, from 1907.

Residence, 85 Washington Park, Newtonville.



DWIGHT PORTER, Ph.B., Am. Soc. C. E., Professor of Hydraulic Engineering; in charge of the Course in Sanitary Engineering.—Ph.B., Yale S. S., 1880, Berzelius Society.

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 of Civil Engineering, 1887-90; Associate Professor of Hydraulic Engineering, 1890-96; Professor from 1896.

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

Residence, 149 Hawthorne Street, Malden.



ARTHUR G. ROBBINS, S.B., Professor of Topographical Engineering.— S.B., M. I. T. 1886, I.

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

Author of An Elementary Treatise on Plane Surveying and Navigation, and other works.

Residence, 42 Oak Street, Belmont.

George E. Russell, S.B., Assistant Professor of Civil Engineering.—S.B., M. I. T. 1900, I.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1900–01; with American Car Foundry Company, Draughtsman, 1901–02, Structural Engineer, 1902–04; Instructor in Civil Engineering, Cornell University, 1904–05; Instructor in Civil Engineering, Massachusetts Institute of Technology, 1905–07; Assistant Professor from 1907.

Residence, 15 Westbourne Street, Roslindale,



Charles M. Spofford, S.B., A X P, Hayward Professor of Civil Engineering: in charge of the Course in Civil Engineering.—S.B., M. I. T. 1893, I.

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, since 1909.

Residence, 8 Keswick Street.



COURSE II

DEPARTMENT OF MECHANICAL ENGINEERING

Gaetano Lanza, C.E., Professor of Theoretical and Applied Mechanics; in charge of the Departments of Mechanical Engineering and Applied Mechanics.—

B K.

Instructor, Massachusetts Institute of Technology, 1871–72; Assistant Professor, 1872–75; Professor of Theoretical and Applied Mechanics from 1875; also in charge of Department of Mechanical Engineering from 1883.

Author of Applied Mechanics, Notes on Mechanical Engineering, Notes on Friction, and many papers.

Residence, 22 West Cedar Street.





Charles W. Berry, S.B., Assistant Professor of Mechanical Engineering.—M. I. T. 1895, VI.

Studied in Göttingen, Germany, 1895–98; held Swett Fellowship, 1895–97; Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1899–1900; Instructor, 1900–08; Assistant Professor from 1908.

Author of Explosive Mixtures at Atmospheric Pressure, The Principles of Human Equality, Measurement of Air with an Orifice, The Temperature Entropy Diagram (2 editions).

Residence, 952 Broadway, Somerville.



Charles E. Fuller, S.B., Associate Professor of Mechanical Engineering.—S.B., M. I. T. 1892, II.

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

Residence, Wellesley.



George Bartholomew Haven, S.B., Assistant Professor of Mechanical Engineering.—S.B., M. I. T. 1894, H.

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 from 1905.

Residence, Webster Street, Needham.



HARRISON W. HAYWARD, S.B., Assistant Professor of Applied Mechanics.—S.B., M. I. T. 1896, X.; Mem. Am. Soc. for Testing Materials, Assoc. Am. Soc. of C. E., Int. Soc. for Testing Materials, Soc. for Promotion of Engineering Education.

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 Applied Mechanics since 1907.

Residence, 26 Everett Street, Newton Centre.

WILLIAM A. JOHNSTON, S.B., M. Am. Soc. M. E., Associate Professor of Mechanical Engineering.—S.B., M. I. T. 1892, II.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1892–94; Instructor, 1894–1900; Assistant Professor of Mechanical Engineering, 1900–07; Associate Professor from 1907.

Residence, Hillside Terrace, Belmont.



ALLYNE L. MERRILL, S.B., Am. Soc. M. E., 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, 1899–1905; Professor from 1905; Acting Dean, 1906–07; Secretary of the Faculty from 1906.

Author of Elements of Mechanism (with Professor Schwamb),

Residence, Payson Park, Belmont.



EDWARD F. MILLER, S.B., Mem. Am. Soc. M. E., Mem. Am. Soc. C. E., Mem. Am. Soc. Refrig. E., Professor of Steam Engineering.—S.B., M. I. T. 1886, II.

Assistant, Massachusetts Institute of Technology, 1886-88; Instructor, 1888-92; Assistant Professor of Steam Engineering, 1892-99; Associate Professor, 1899; Professor from 1906.

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 Centre.



Charles F. Park, S.B., Associate Professor of Mechanical Engineering; Director of the Lowell Institute School for Industrial Foremen.—S.B., M. I. T. 1892, II.

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

Residence, 21 Prospect Street, Taunton.





Joseph C. Riley, S.B., Assistant Professor of Mechanical Engineering.—S.B., M. I. T. 1898, H.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1898–1901; Instructor, 1901–08; Assistant Professor from 1908.

Author of Approximate Mean Effective Pressure-Gage for Highspeed Engines, Pulsometer Steam Pump, Apparatus for Obtaining a Continuous Record of the Position of an Engine Governor and the Speed of the Engine which it Governs.

Residence, 77 Rockview Street, Jamaica Plain.



Peter Schwamb, S.B., Professor of Machine Design; Director of the Mechanical Laboratories.—S.B., M. I. T. 1878, II.

Graduate Student, Massachusetts Institute of Technology, 1878–79; Draughtsman, Howe Scale Co., Rutland, Vermont, 1879–80; Draughtsman, Hinkley Locomotive Co., Boston, 1880–83; Instructor, Massachusetts Institute of Technology, 1883–84; Assistant Professor, 1884–88; Associate Professor, 1888–96; Professor of Mechanism, 1897; Professor of Machine Design from 1901.

Residence, 33 Academy Street, Arlington.



Theodore H. Taft, S.B., Member A. S. M. E., Assistant Professor of Mechanical Engineering.—M. I. T. 1902, II.

Draughtsman, Improved Paper Machinery Co., Nashua, New Hampshire; 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.



S. Homer Woodbridge, A.M., Associate Professor of Heating and Ventilation.—A.M., Williams College, 1873.

Student at Massachusetts Institute of Technology, 1874; Instructor in Physics, 1883–95; Assistant Professor, 1895–1900; Associate Professor of Heating and Ventilation from 1900.

Residence, 281 Otis Street, West Newton.

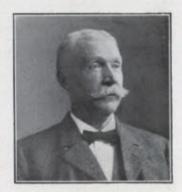
COURSE III

DEPARTMENT OF MINING ENGINEERING AND METALLURGY

ROBERT H. RICHARDS, S.B., LL.D., Professor of Mining Engineering and Metallurgy; in charge of the Department.— S.B., M. I. T. 1868, III.; LL.D., University of Missouri, 1908.

Instructor in Assaying and Qualitative Analysis, 1869– 70; Assistant Professor of Analytical Chemistry, 1870– 71; Professor of Mineralogy and Assaying, in charge of the Mining and Metallurgical Laboratories, 1871–72; Professor of Mining Engineering, 1873; of Metallurgy, 1884; President of the M. I. T. Alumni, 1878–76.

Residence, 32 Elliot Street, Jamaica Plain.



Edward E. Bugbee, S.B., Assistant Professor of Mining Engineering and Metallurgy.—S.B., M. I. T. 1900, III.; University of Washington, $\Sigma \Xi$, K Θ .

Assistant in Mining Engineering and Metallurgy, Massachusetts Institute of Technology, 1901–02; 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 from 1907.

Residence, 683 Washington Street, Brookline.



Heinrich O. Hofman, E.M., Met.E., Ph.D., Professor of Metallurgy.—E.M., Met.E., Prussian School of Mines, Clausthal, 1877; Ph.D., Ohio University, 1889.

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 of Mining and Metallurgy, 1891–98; Professor of Metallurgy from 1898.

Author of several books on Metallurgy.

Residence, 88 Robinwood Avenue, Jamaica Plain.





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 Richards in the preparation of his book on Ore Dressing, 1897–1901; Instructor in Mining Engineering and Metallurgy, Massachusetts Institute of Technology, 1901–06; Assistant Professor of Mining Engineering and Metallurgy from 1906.

Residence, 22 Blagden Street.

COURSE IV

DEPARTMENT OF ARCHITECTURE



Francis W. Chandler, H. M. Am. Inst. Arch., Professor of Architecture; in charge of the Department.

Assistant with Professor Ware at the Massachusetts Institute of Technology, 1869; Professor of Architecture, Massachusetts Institute of Technology, from 1888; Advisory Architect to the Mayor of the City of Boston since 1896; Member of Art Commission, City of Boston; Honorary Member of American Institute of Architecture; Editor of Municipal Architecture, 1898.

Residence, 195 Marlborough Street.



D. Despradelle, Rotch Professor of Architectural Design.—Architect, D. P. L. G.

Vice-President of the Society of Beaux-Arts Architects of America. Received first promotion at the École des Beaux-Arts, 1882; many of the prizes at the École des Beaux-Arts and Institut de France; received diplomas from École des Beaux-Arts and Société centrale des Architects français; Lauréat of the Institut de France; Officier d'Académie; Officier de l'Instruction publique; Membre correspondant de l'Institut de France.

Residence, 382 Commonwealth Avenue.

HARRY W. GARDNER, 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; Associate Professor, 1909.

Author of Shades and Shadow Notes for the American School of Correspondence.

Residence, 1375 Commonwealth Avenue, Allston.



WILLIAM H. LAWRENCE, S.B., Professor of Architecture.—S.B., M. I. T. 1891, IV.

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

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

Residence, 34 Sumner Street, Dorchester.



COURSES V AND X

DEPARTMENT OF CHEMISTRY AND CHEMICAL ENGINEERING

Henry P. Talbot, S.B., Ph.D., Professor of Inorganic and Analytical Chemistry; in charge of the Department of Chemistry and Chemical Engineering.—S.B., M. I. T. 1885, V., Φ Γ Δ ; Ph.D., University of Leipzig, 1890.

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

Author of Ueber das Verhalten der Tiglinsäure und Angelicasäure gegen Bromwasserstoff und Jodwasserstoff, Notes on the Action of Hybromic and Hydriodic Acids on Tiglic Acids.

Residence, 273 Otis Street, West Newton.





FRED L. BARDWELL, S.B., Assistant Professor of Inorganic Chemistry.
—University of Minnesota, 1881; S.B., M. I. T. 1884, V.

Assistant in General Chemistry, 1884–86; Instructor in General Chemistry, 1886–94; Assistant Professor of Inorganic Chemistry from 1894.

Residence, 11 Chamblet Street, Dorchester.



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

Private Assistant to Professor Noyes and Assistant in Theoretical Chemistry, M. I. T., 1898–1900; Studied in Germany, 1900–02; Instructor in Chemistry and Physics, New Hampshire College, 1902–03. Instructor in Inorganic Chemistry, M. I. T., 1903–08; Assistant Professor since 1908.

Author (with Professor Talbot) of the Electrolytic Dissociation Theory.

Residence, 66 Oxford Road, Newton Centre.



Henry Fay, A.B., Ph.D., Professor of Analytical Chemistry.—A.B. Lafayette College, 1889; Ph.D., Johns Hopkins University, 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, Worthington Road, Brookline.



Augustus H. Gill, S.B., Ph.D., Professor of Technical 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 of Gas Analysis, 1894–1903; Assistant Professor of Technical Analysis, 1903–06; Associate Professor of Technical Analysis, 1906; 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, Canton Corner.

GILBERT N. LEWIS, A.B., A.M., Ph.D., Associate Professor of Physical Chemistry.—A.B., Harvard University, 1896; A.M., Harvard University, 1898; Ph.D., Harvard University, 1899.

Instructor in Chemistry, Harvard University, 1899–1900, 1901–04; Superintendent of the Division of Weights and Measures, Manila, P.I., 1904–05; Assistant Professor of Physical Chemistry, Massachusetts Institute of Technology, 1907; Associate Professor, 1909.

Author of a number of papers.

Residence, 38 St. Botolph Street.



F. Jewett Moore, B.A., Ph.D., Assistant Professor of Organic Chemistry.—B.A., Amherst, 1889, X Φ; Ph.D., Heidelberg, 1893.

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

Author of occasional scientific papers.

Residence, 220 Marlborough Street.



Samuel P. Mulliken, S.B., Ph.D., Assistant Professor of Organic Chemistry.—S.B., M. I. T. 1887, V.; Ph.D., Leipzig, 1890.

Assistant in Chemistry, University of Cincinnati, 1887–88; Associate in Chemistry, Bryn Mawr College, 1891–92; Instructor in charge of Department of Chemistry, Clark University, 1892–94; Instructor in Organic Chemistry, Massachusetts Institute of Technology, 1895–1905; Assistant Professor of Organic Chemistry from 1905.

Residence, 6 Harris Street, Newburyport.



ARTHUR A. NOYES, S.B., S.M., Ph.D., Sc.D., LL.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.

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 from 1899; Director of the Research Laboratory of Physical Chemistry from 1903; Acting President, 1907–09.

Residence, 97 Hemenway Street.





Thomas E. Pope, A.M., Professor of Inorganic Chemistry.—A.M., Harvard University, 1869.

Instructor in Chemistry, Massachusetts Institute of Technology, 1874–76; Professor of Chemistry, Iowa Agricultural College, 1876– 84; Assistant Professor of General Chemistry, Massachusetts Institute of Technology, 1894–95; Associate Professor, 1895–1900; Professor of General Chemistry from 1900.

Residence, 2 Gem Avenue, Brighton.



MILES S. SHERRILL, S.B., Ph.D., Assistant 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 studying in Leipzig and Breslau, 1900–02; Instructor in Analytical and Theoretical Chemistry, 1903–07; Assistant Professor of Theoretical Chemistry from 1907.

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

Residence, 83 Longwood Avenue, Brookline.



ELLWOOD B. SPEAR, B.A., Ph.D., Assistant Professor of Inorganic Chemistry.—B.A., University of Manitoba, Gen. Science, 1899; Ph.D., Heidelberg, 1906; Student at 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, 872 Beacon Street.



FRANK H. THORP, S.B., Ph.D., Assistant Professor of Industrial Chemistry.—S.B., M. I. T. 1889, V.; Ph.D., University of 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 (1896), Outlines of Industrial Chemistry, second edition (1905).

Residence, 200 Mt. Vernon Street, West Roxbury.

WILLIAM H. WALKER, S.B., Ph.D., Φ K Σ, Professor of Industrial Chemistry; Director of the Research Laboratory of Applied Chemistry.— S.B., Pennsylvania State College, 1890; Ph.D., Göttingen, 1892.

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

Author of Neue Beobachtungen über das Verhalten der Sesquiterpene, Concentration Changes in the Electrolysis of Brine, Industrial Preparation of Electrolytic Bleaching Liquor.

Residence, 613 Walnut Street, Newtonville.

Willis R. Whitney, Ph.D., Non-resident Professor of Chemical Research.

Alpheus G. Woodman, S.B., Assistant 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 from 1909.

Member of Association of Official Agricultural Chemists, American Chemical Society, and American Association for the Advancement of Science; Special Agent for the Federal Government in the enforcement of the Pure Food Law.

Residence, 299 School Street, Watertown.





COURSE VI

DEPARTMENT OF ELECTRICAL ENGINEERING

Dugald C. Jackson, S.B., C.E., Professor of Electrical Engineering; in charge of the Department.—Pennsylvania State College, 1885, Φ K Σ .

Professor of Electrical Engineering and head of Department, University of Wisconsin, 1891–1906; Professor of Electrical Engineering and Head of Department, Massachusetts Institute of Technology, from 1906; Member and Past President of Society for the Promotion of Engineering Education; Member of A. I. E. E., A. S. C. E., A. S. M. E., Société Internationale des Électriciens.

Residence, 51 Upland Road, Brookline.





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 in Physics, 1898–1901; Instructor in Electrical Engineering, 1901–04; Assistant Professor of Electrical Engineering, 1904–06; Associate Professor from 1906.

Residence, 34 Sumner Street, Dorchester.



Frank A. Laws, S.B., Associate Professor of Electrical Testing.—S.B., M. I. T. 1880, VI.

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

Author of a number of papers on Electrical Measurements.

Residence, 1241/2 Federal Street, Salem.



HAROLD PENDER, A.B., Ph.D., Professor of Theoretical and Applied Electricity.—A.B., Johns Hopkins University, 1898; Ph.D., Johns Hopkins University, 1901.

Instructor, McDonough School, 1901–02; Instructor, Syracuse University, 1902–03; Special Research at La Sorbonne, Paris, at invitation of the University authorities, on the magnetic effect of moving electrical charges, 1903; Electrical Engineer, Pittsburg, 1903–04, New York, 1904–09; Professor at the Massachusetts Institute of Technology, 1909.

Residence, 483 Beacon Street.



Harrison W. Smith, A.B., S.B., Associate Professor of Electrical Engineering.—A.B., Harvard, 1895, Δ T; S.B., M. I. T. 1897, H.

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

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., Assistant Professor of Electrical Engineering.—B.S., Denison University, 1904, Σ X, Σ Ξ ; Assoc. Mem. Am. Inst. of Elect. Eng., Mem. Illuminating Eng. Soc., Mem. National Elect. Light Assoc.

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

Residence, 35 Bradford Terrace, Roslindale.



COURSE VII

DEPARTMENT OF BIOLOGY

WILLIAM T. SEDGWICK, Ph.B., Ph.D., Professor of Biology; in charge of the Department; Director of the Sanitary Research Laboratory and Sewage Experiment Station.—Ph.B., Yale S. S., 1877, Berzelius Society; Ph.D., Johns Hopkins, 1881.

Fellow, Assistant and Associate in Biology, Johns Hopkins University, Baltimore, 1879–83; Assistant Professor of Biology, Massachusetts Institute of Technology, 1883– 84; Associate Professor, 1884–91; Professor from 1891; President American Society of Naturalists, 1901, etc.

Residence, 20 Edge Hill Road, Brookline.



Earle B. Phelps. S.B., Assistant Professor of Research in Chemical Biology.—S.B., M. I. T. 1899, V.

Assistant Bacteriologist, Lawrence Experiment Station, Massachusetts State Board of Health, 1899–1903; Research Chemist and Bacteriologist, Massachusetts Institute of Technology, from 1903; Assistant Professor of Biological Research from 1907; Hydrographic Aid, United States Geological Survey, 1905–06; Hydrographer from 1906.

Residence, 14 Orris Street, Melrose Highlands.





Samuel C. Prescott, S.B., Associate Professor of Industrial Biology.— S.B., M. I. T. 1894, V.

Private Assistant to Professor Sedgwick, 1894–95; Assistant in Biology, Massachusetts Institute of Technology, 1895–96; Instructor in Biology, Massachusetts Institute of Technology, 1896–1903; Assistant Professor of Industrial Biology, 1903; Professor, 1907; Vice-President, Society of American Bacteriologists.

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

Residence, 3 Spruce Street.

COURSE VIII

DEPARTMENT OF PHYSICS



Charles R. Cross, S.B., Thayer Professor of Physics; in charge of the Departments of Physics and Electro-Chemistry; Director of the Rogers Laboratory.—M. I. T. 1870, Sci. and Lit.

Instructor in Physics, Massachusetts Institute of Technology, 1870–71; Assistant Professor of Physics, 1871–75; Professor of Physics from 1875; in charge of Department of Physics from 1877; in charge of Course in Electrical Engineering from its establishment in 1882 till 1902. Author of many papers.

Residence, 100 Upland Road, Brookline.



Daniel F. Comstock, S.B., Ph.D., 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 since 1910.

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

Residence, 1471 Beacon Street, Brookline.

Louis Derr, B.A., M.A., S.B., Professor of Physics.—B.A., Amherst, 1889, Δ T, Φ B K; M.A., Amherst, 1892; S.B., M. I. T. 1892, VI.

Assistant in Physics, Massachusetts Institute of Technology, 1892–93; Instructor in Physics, 1893–1900; Assistant Professor, 1900–04; Associate Professor from 1904; Professor, 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.

Residence, 83 Centre Street, Brookline.



WILLIAM J. DRISKO, S.B., Assistant 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 College, 1899–1900; Instructor in Physics, Massachusetts Institute of Technology, 1901–05; Assistant Professor from 1905.

Residence, 28 Lloyd Street, Winchester.



HARRY M. GOODWIN, S.B., 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; studying at Leipzig and Berlin, 1892–94; Assistant Professor, 1897–1903; Associate Professor, 1903–06; Professor, 1906; in charge of the Department of Electro-Chemistry, 1909. Author of several books on Physics and numerous scientific papers.

Residence, 322 Tappan Street, Brookline.



Charles L. Norton, S.B., Professor of Heat Measurements.—S.B., M. I. T. 1893, VI.

Assistant in Physics, Massachusetts Institute of Technology, 1893–95; Instructor in Physics, 1895–99; Instructor in Heat Measurements, 1899–1900; Assistant Professor, 1900–05; Associate Professor 1905–1909; Professor from 1909; in charge of the Insurance Engineering Experiment Station, 1902.

Papers on Fire Protection, Heat Conduction, The Protection of Steam Heated Surfaces, The Application of X-rays to Medicinal Diagnoses, The Illumination of Interiors by Ribbed and Prismatic Glass,

Electric Furnaces, etc.

Residence, Hudson, N.H.





M. DEKAY THOMPSON, Ph.D., Assistant Professor of Electro-Chemistry.
—M. I. T. 1898, VIII., \(\Delta \) 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 of Electro-Chemistry from 1907.

Author of On the Dielectric Constant of Liquid Ammonia, Free Energy of some Halogen Compounds.

Residence, 5 Fairmount Street, Brookline.

COURSE IX GENERAL SCIENCE

COURSE XII

DEPARTMENT OF GEOLOGY



Thomas Augustus Jaggar, Jr., A.B., A.M., Ph.D., Professor of Geology; in charge of the Department.—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. G. S., 1893–1903.

Fellow of American Academy; Member of Boston Society of Natural History.

Author of many works on Geology.

Residence, Wolcott Road, Chestnut Hill.



REGINALD A. DALY, A.B., A.M., Ph.D., Professor of Physical Geology.—A.B., Victoria College, Toronto, 1891; A.M., Harvard University, 1892; Ph.D., Harvard University, 1896.

Tutor, Victoria College, 1891–92; Instructor of Geology, Harvard, 1895–96, 1898–1901; Geologist for Canada, International Boundary Commission, 1901–07; Professor of Geology, Massachusetts Institute of Technology, from 1907.

Author of many papers on Petrology, Physiography, Mineralogy, and General Geology, published chiefly in the American Journal of Science, Journal of Geology, Proceedings of the American Academy of Arts and Sciences, Reports of the Canadian Geological Survey, and Bulletins of the United States Geological Survey.

Residence, 23 Hawthorn Street, Cambridge.

Hervey W. Shimer, A.B., A.M., Ph.D., Assistant Professor of Paleontology.—A.B., Lafayette, 1899, A.M., 1901; Ph.D., Columbia University, 1904, Σ Ξ .

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 from 1908; Lecturer on Historic Geology and Physiography, Yale Summer School, 1906.

Residence, 2 Albemarle Street.



CHABLES H. WARREN, Ph.B., Ph.D., Assistant Professor of Mineralogy, —Ph.B., Yale, 1896; Ph.D., Yale, 1899, Σ Ξ.

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 of Mineralogy since 1904.

Author of several papers on Crystallographic, Chemico-Mineralogical, and Petrographic subjects.

Residence, 239 Woodland Road, Auburndale.



COURSE XIII

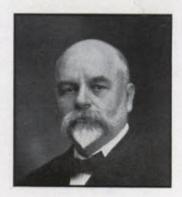
DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING

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 E. F. Miller, Manual of the Steam Engine Indicator, Steam and Entropy Tables.

Residence, 259 Beacon Street.





WILLIAM HOVGAARD, Captain in Danish Navy, Professor of Naval Design.—Naval Academy, Copenhagen, 1879; and Royal Naval College, Greenwich, 1886.

Lieutenant of Danish Navy, 1879–97; Commander from 1897; on the Technical Staff of the Copenhagen Navy Yard, 1886–89; Subdirector of Burmeister & Wains Ship and Engine Company, 1895–97; Member of the Institute of Naval Architects and of the American Society of Naval Architects and Marine Engineers.

Residence, 73 Perkins Street, West Newton.



Walter S. Leland, S.B., Assistant Professor of Naval Architecture.— S.B., M. I. T. 1896, XIII.

In practical, work at various shipyards, 1896–1900; Instructor in Naval Architecture, Massachusetts Institute of Technology, 1900–05; Assistant Professor from 1905.

Member of Society of Naval Architects and Marine Engineers.

Residence, 39 Cherry Street, Saxonville.

DEPARTMENT OF MATHEMATICS



HARRY W. TYLER, S.B., Ph.D., Professor of Mathematics; in charge of the Department.—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.

Author of Entertainments in Chemistry, and other works.

Residence, 39 Gray Cliff Road, Newton Centre.

FREDERICK H. BAILEY, A.B., A.M., Professor of Mathematics.—A.B., Harvard University, 1887, & B K; A.M., Harvard University, 1889.

Assistant in Mathematics, Harvard University, 1889–91; Instructor in Mathematics, Massachusetts Institute of Technology, 1891–93; Assistant Professor, 1893–1907; Professor from 1907.

Author of Plane and Solid Analytic Geometry (with Professor Woods), 1897; A Course in Mathematics (with Professor Woods), 1907).

Residence, 12 Idlewild Street, Allston.



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; Instructor in Mathematics, 1888–91; Assistant Professor of Mathematics, 1891–98; Associate Professor, 1898–1905; Professor from 1905; Acting Secretary of the Institute, 1906–08; Assistant in Observatory of Harvard College, 1887; in University of Munich, 1903–04. Author of General Principles of Method of Least Squares.

Residence, 486 Columbus Avenue.



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

Instructor in Mathematics, Massachusetts Institute of Technology, 1891–1906; Assistant Professor from 1906.

Author of Plane Trigonometry.

Residence, 112 Newbury Street.



CLARENCE L. E. MOORE, B.Sc., A.M., Ph.D., Assistant Professor of Mathematics.—B.Sc., Ohio State University, 1901; A.M., Cornell, 1902; Ph.D., Cornell, 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, 19 St. James Avenue.





George A. Osborne, S.B., Walker Professor of Mathematics.—S.B., Harvard S. S., 1860.

Assistant Professor of Mathematics, United States Naval Academy, 1861–65; Professor of Mathematics, Massachusetts Institute of Technology, from 1866; Secretary of Faculty, 1868–71; Walker Professor of Mathematics from 1902.

Author of Examples in Differential Equations (1886), Differential and Integral Calculus (1891), etc.

Residence, 249 Berkeley Street.



Leonard M. Passano, A.B., Assistant Professor of Mathematics.— A.B., Johns Hopkins University, 1889.

Assistant in Mathematics, Johns Hopkins University, 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 Bacon Street, Winchester.



Webster Wells, S.B., Professor of Mathematics.—S.B., M. I. T. 1873, I. (Absent.)

Instructor in Mathematics, Massachusetts Institute of Technology, 1873–80 and 1882–83; Assistant Professor of Mathematics, 1883–85; Associate Professor, 1885–93; Professor from 1893.

Author of Academic Arithmetic, Academic Algebra, Higher Algebra, University Algebra, College Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Logarithmic Tables, etc.



EDWIN B. WILSON, A.B., Ph.D., Associate Professor of Mathematics,—A.B., Harvard, 1899, Φ B K; Ph.D., Yale University, 1901, Σ Ξ .

Instructor in Mathematics, Yale University, 1900–06; Assistant Professor of Mathematics, Yale University, 1906–07; Associate Professor of Mathematics, Massachusetts Institute of Technology, from 1907; Student in Mathematics and Mathematical Physics at L'École Normale Supérieure, Collège de France, and La Sorbonne, 1902–03.

Residence, 16 Lee Street, Cambridge.

FREDERICK S. WOODS, A.B., A.M., Ph.D., Professor of Mathematics.—A.B., Wesleyan University, 1885, Ψ Υ, Φ B K; A.M., Wesleyan, 1888; Ph.D., Göttingen, 1894. (Absent.)

Assistant in Physics and Astronomy at Wesleyan, 1885–86; Instructor in Mathematics at the Massachusetts Institute of Technology, 1890–95; Assistant Professor, 1895–1903; Associate Professor, 1903–06; Professor from 1906; Lecturer, Harvard, 1898–99.

Residence, 123 Sumner Street, Newton Centre.



DEPARTMENT OF DRAWING AND DESCRIPTIVE GEOMETRY

Alfred E. Burton, S.B., Am. Soc. C. E., Dean; Professor of Topographical Engineering; in charge of the Department of Drawing.—Bowdoin, 1878, Δ K E, Φ B K.

In charge of Scientific Expedition to Umanak, Greenland, 1896; in charge of Eclipse Expedition to Washington, Georgia, 1900; in charge of Eclipse Expedition to Sumatra, 1901.

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 Review.

Residence, 33 Webster Court, Newton Centre.



Charles L. Adams, Associate Professor of Drawing and Descriptive Geometry.—Massachusetts Normal Art School, 1879.

Assistant in Descriptive Geometry, Massachusetts Institute of Technology; Instructor in Freehand Drawing at Massachusetts Institute of Technology from 1886; Assistant Professor of Mechanical Drawing at Massachusetts Institute of Technology, 1903–04; Associate Professor of Drawing and Descriptive Geometry from 1904.

Author of books on Descriptive Geometry and Mechanical Drawing, and a System of Lettering, etc.

Residence, 15 St. James Avenue.





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

In civil and mill engineering work, 1891–96; Instructor in Drawing and Descriptive Geometry, Massachusetts Institute of Technology, 1897–1908; Assistant Professor from 1908.

Residence, 23 Randolph Avenue, Dorchester.



ERVIN KENISON, S.B., Assistant 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 from 1908.

Author of two works on Mechanical Drawing.

Residence, Melrose.

DEPARTMENT OF ECONOMICS AND STATISTICS



DAVIS R. DEWEY, A.B., Ph.D., LL.D., Professor of Economics and Statistics; in charge of Department.—A.B., University of Vermont, 1879, ΔΨ, Φ B K; Ph.D., Johns Hopkins University, 1886; LL.D., University of Vermont, 1910.

Teacher, Underhill, Vt., 1879–81; Student and Fellow at Johns Hopkins University, 1883–86; Instructor, Massachusetts Institute of Technology, 1887–88; Assistant Professor, 1888–89; Associate Professor, 1889–92; Professor from 1892; Trustee, Massachusetts Agricultural College, 1909–; President American Economic Association, 1909.

Author of books on Economics and Statistics.

Residence, 427 Marlborough Street.

CARROLL W. DOTEN, Ph.B., A.M., Assistant Professor of Economics.— Ph.B., University of Vermont, 1895, Φ Δ Θ; A.M., 1899; A.M., Harvard University, 1902, Φ B K.

Instructor, University of Vermont, 1895–1903; Secretary, University of Vermont, 1896–1903; Instructor, Massachusetts Institute of Technology, 1903–05; Assistant Professor from 1905; Secretary, American Statistical Association, from 1906; Chief Investigator, Massachusetts Commission on Compensation for Industrial Accidents.

Residence, 58 Garfield Street, North Cambridge.



DEPARTMENT OF ENGLISH

Arlo Bates, S.B., A.B., A.M., Litt.D., Professor of English; in charge of the Department.—Bowdoin, 1876, A $\Delta \Phi$, Φ B K.

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.B., Associate Professor of English.—A.B., Harvard, 1893, Θ Z, Φ B K.

Instructor, Massachusetts Institute of Technology, 1893; Assistant Professor, 1898–1907; Associate Professor from 1907.

Author of the Principles of Composition.

Residence, Dudley Street, Newton Centre.





ARCHER T. ROBINSON, A.B., Assistant Professor of English.—A.B., Harvard University, 1896.

Instructor in English, Massachusetts Institute of Technology, 1896– 1906; Assistant Professor from 1906.

Residence, Woodcliff Road, Newton Highlands.



HENRY L. SEAVER, A.B., Assistant Professor of English.—A.B., Harvard University, 1900, Φ B K.

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

Member of Organization Committee of Cosmopolitan Club of Technology.

Residence, 83 Van Winkle Street, Ashmont.

DEPARTMENT OF MODERN LANGUAGES



Frank Vogel, A.B., A.M., Professor of Modern Languages.—A.B., Harvard University, 1887; A.M., Harvard University, 1892, Δ Τ.

Instructor in Modern Languages, Massachusetts Institute of Technology, 1888–92; Assistant Professor of Modern Languages, 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 A Scientific German Reader, and other publications.

Residence, 95 Robinwood Avenue, Jamaica Plain.



Ernest F. Langley, B.A., A.M., Ph.D., Professor of French.—B.A., Toronto University, 1894; A.M., Harvard, 1900; Ph.D., Harvard, 1909.

Instructor of French, Dartmouth College, 1896–1900; Instructor of French and Italian, Dartmouth, 1900–02; Assistant Professor of Romance Languages, Dartmouth, 1902–10; Professor of French, Massachusetts Institute of Technology, since 1910.

Residence, 93 Upland Road, Cambridge.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

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

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

Residence, 1 Webster Street, Winchester.



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.



Edwin V. Bookmiller, Captain, 9th Infantry, U.S.A.; Professor of Military Science and Tactics.—U.S. Military Academy, 1889.

2d Lieutenant, 2d Infantry, 1889; 1st Lieutenant, 9th Infantry, 1896; Captain, 9th Infantry, 1899; Professor of Military Science and Tactics, Massachusetts Institute of Technology since 1909.

Residence, The Buckminster, 645 Beacon Street.



INSTRUCTORS

ARCHITECTURE

HERBERT E. FOWLER, S.B.

279 Dartmouth St.

BIOLOGY

ROBERT P. BIGELOW, Ph.D. SELSKAR M. GUNN, S.B. EUGENE C. HOWE, A.B., S.B. PERCY G. STILES, Ph.D. 3 Spruce St. 259 Newbury St. 39 Hancock St. 19 Proctor St., Newtonville

CHEMISTRY

ROYCE W. GILBERT, S.B.
WILLIAM T. HALL, S.B.
STROUD JORDAN, A.B., Ph.D.
FREDERICK G. KEYES, Ph.D.
FREDERICK R. KNEELAND, S.B.
JOSEPH W. PHELAN, S.B.
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GEORGE W. ROLFE, A.M.
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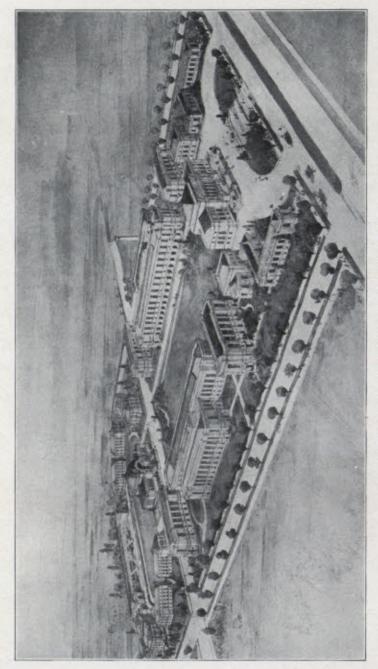
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THE NEW INSTITUTE OF TECHNOLOGY

TECH IN THE FUTURE



VER since the day when Doctor Maclaurin was inaugurated President of the Institute, there has been an ever-present feeling that sooner or later under his enthusiastic guidance the Institute would really move to a new site. Every time that we undergraduates have passed by the closed doors of his office in old Rogers, we have unconsciously believed

that inside a man was calmly, yet surely, working out a scheme

whereby the Institute could expand as it deservedly should.

And our confidence in him has now been rewarded, for Tech has obtained a wonderful new territory upon which to build and expand. The view upon the opposite page shows the arrangement of the buildings as they will actually appear, and one glance at this noble group is enough to fill every Tech man's heart with pride, and to cause him to look into the future with unrestrained delight and optimism.

The Institute of Technology of the future will be laid out in two squares. The massive and stately buildings within the larger square will be devoted to education, and in the square directly adjoining this will be the dormitories, club-rooms, and fraternity houses of the undergraduates. At the extreme left of the front square will be the Naval Architectural Building, next to this the Electrical Engineering and Physics Building, and then the Chemistry Building.

Facing the main street, in the centre, the Administration Building will be located. At the extreme right-hand corner of the square and extending to the middle of the right-hand side will be the building occupied by the Mechanical Engineering Department, with a power house in the rear and next to this a building devoted to Biology.

The buildings that will be erected on either side of the Administration Building will be utilized as lecture halls and recitation-rooms. Conspicuously placed in front of the buildings to be used for the social and living purposes of the students will be erected the large and beautiful Walker Memorial, which will be built on the plan of the present Harvard Union, but more complete and elaborate.

The proposed buildings, according to Doctor Maclaurin, will be constructed principally of re-enforced concrete, and will embody many new designs and features developed by the Engineering Depart-

ment of the Institute itself.

One of the main features of the New Technology is the provisions made for the entire undergraduate body. The buildings on the smaller square in the background, separated from the main Institute buildings by a street, will be devoted entirely to the undergraduates. On this side of the campus will be erected the Walker Memorial, which will include a gymnasium, a monstrous dining-room, reading-room, swimming tank, and, in fact, all necessary provisions for a modern

and up-to-date Union for students.

Directly in back of the Walker Memorial will be a large field for athletic contests and games which will be a provision eagerly sought for by the Technology students. Although not making sports a predominating feature of the undergraduate life at the Institute of Technology, the inter-class contests are eagerly watched by thousands of local friends of Tech.

On the opposite side of the field from the Walker Memorial will be erected a large re-enforced concrete stadium, with the capacity of

seating over 8,000 spectators.

Surrounding this field on the other two sides will be located a number of dormitories built to accommodate the majority of the students at the Institute. Besides the dormitories there will be located on this section of the Technology site the various chapter houses of a majority of the national fraternities represented at Tech.

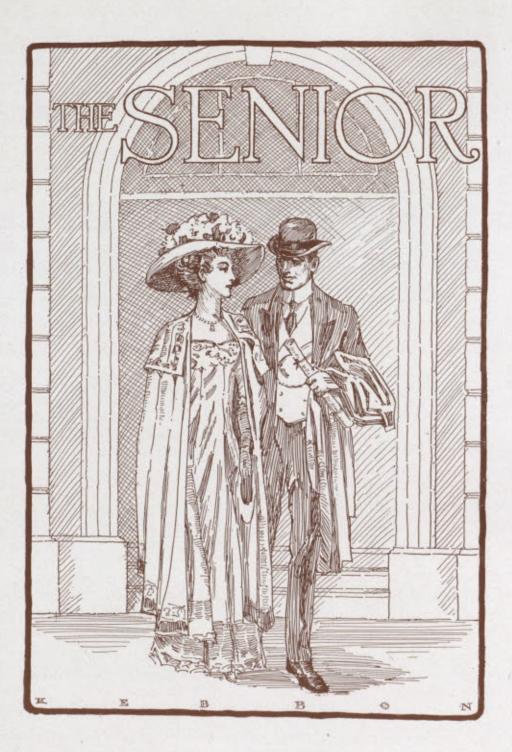
The land directly back of the field used for athletics and the stadium is of such a nature that, if future development by the Institute be desired, there is ample opportunity for expanding in this direction.



ONE OF THE PROPOSED PLANS







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CLASS DINNER: Held at the Union, December 6, 1910

Toastmaster: Donald Read Stevens

Speakers: Dean Burton, Bursar Rand, Homer Albers, and Dr. Noyes

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SEEING HELL WITH 1911

LD Charon lay dreaming on his oars. Traffic over the Styx into Hades had been a little slack of late. Charon was rather glad of this than otherwise. It is some job for one man to have to ferry departed souls over a river that flows seven times around a city, and bring 'em over one by one at that. Year after year, ever since Eve

ate the forbidden fruit, had this task been his. So that now a moment or two of rest was welcome indeed to the feeble old man, who sat cogitating over a corn-cob and idly watching the dull greenish flicker in the sky over the city of Hades,—a flicker caused by the endless burning of the Hell-fires reflected from heavy clouds of sulphur fumes.

Suddenly Charon started. A rude hullabaloo awakened him from his reveries. Louder and louder it grew, accompanied by the noise of many footsteps, and at length the sound of lusty voices swelled into a mighty howl of, "We are happy, Tech is Hell, T-E-C-H, N-O-L, O-G-Y, Eleven, Eleven, Eleven!"

"Shades of Socrates!" ejaculated Charon, and, reaching for a telephone, he shouted, "Hello, Central! Quick, give me Hades six-nine-double-O! Hello—Hello—that you, Satan? The whole of

Tech 1911 is here. What'll I do with 'em?"

"Aha! Meat for all of us!" gurgled Satan, playfully chucking himself under the chin with the end of his pointed tail. "Bring over the celebrities first!"

"It's the biggest job since the flood," groaned Charon.

"Stay!" shouted he of the cloven hoof. "Is Pete White there?"

"The first one," replied Charon.

"Well, send him up to heaven. We don't want him here."

With a leer of satisfaction Satan banged up the receiver, and began shouting orders to the little black demons who scrambled about his feet. Each scurried off on his errand, and Satan leaned back in his solid ivory chair, half closed his eyes, and murmured, "There'll be a hot time in the old town to-night."

Some hours later the Evil One heard some expostulation in the corridor outside his office. The door was thrust open, and in came

Bates, the Boy Manicure, with a bag of Bull Durham in one hand and a cigarette paper in the other. "Say," he shouted, dumping a portion of the Bull on to the paper, "this is a Hell of a place! Why the Devil don't you get a little spirit into the joint? The system here is rotten! Now, when I was at Columbia"—

"Look here, young man," said Satan, carelessly directing a fire extinguisher into the speaker's gaping mouth, "as I recollect, you were the prize calamity howler at the Institute. One million years at hearing yourself talk in the Cave of the Thousand Echoes! Ho, minions, lead him hence, and see that he is plentifully supplied with our finest mixture of Soft Coal Cut Plug and our best grade of sheetiron cigarette papers. Next!"

And in walked Jack McAllen, attended on either hand by six little fork-tailed urchins.

"What in Hell would you like by way of future occupation?" smiled Satan.

Jack shuffled his feet bashfully. "Well," he suggested, "are there any nice unattached young ladies down here?"

"Ho, ho," benevolently snickered His Satanic Majesty, "so that is your weak point. Well, let's see what we can devise by way of appropriate torture for you." Turning to a card catalogue, he pulled out the tray marked Ladies, and ran his horny hand over the steel plates therein. At length he plucked one out. "Here, Beelzebub, Jr.," he thundered, affectionately spearing one of his attendants with his tail and drawing him up on to his lap, "take Friend McAllen to the special chamber set apart for the reception of waitresses from Thompson's Spa. Chain him flat on his back in the middle of the floor. Place a river of fire, ten feet wide, about him, and have the girls make desperate love to him through all eternity to come! And be sure to place all the jewelry he owns in full view upon his manly chest. It will be a further incentive to the girls. Give him an occasional gargle of listerated sulphur, and force him to say sweet nothings in endless number. If he falter in this, pull his hairs out, one by one, to urge him on. Take him away!"

Replacing the tray, Satan turned to greet the next comer, who proved to be Scott Kimball, and, tagging after him, Fat Merrill. "So? Two of you this time," he observed.

"I want to go wherever Slim goes," said Fat, casting an affectionate look at Scotty's wee figure.

"Say, old Scotch," suggested Scotty, throwing a sidelong glance

at Satan, "can I—er—get a drink anywhere around here? This place gives one an awful dry feeling."

"Sure," said Satan. "The Golden Bar for you two."

"And once again the beers were on the king," said Scott under his breath.

"Aren't we the Hellers?" remarked Fat, trailing out of the throneroom after their guide.

Just as these two were leaving, a messenger came in with a note. Satan broke the seal. It was from Charon, and read:—

Have found one man who is pure and undefiled,—Phil Kerr.
Charon.

Satan turned the card over, and wrote on the back, Send him back to take a course under Arlo Bates.

Scarcely had the messenger left with the answer when Bill Salisbury waltzed in and made a perfect pirouette. Satan held his hands before his face in order that he should not be corrupted by such unseemly action. "Put him in with Ruth St. Denis and the Whirling Dervishes," he ordered, "and make him dance the Boston every day from 6 A.M. until midnight, including Sundays and holidays. And have the ball-room floor good and hot!"

The telephone rang. Satan placed the receiver to his ear, "Hello,

what devil are you?" he asked.

"This is Kimball," came the answer in no uncertain accents. "Fat Merrill and I have been at this gash-flummuxed Bar for three-quarters of an hour, and every time we go to take a drink the beer goes up in smoke!"

"That's the Hell of it," snickered Satan. "Ten thousand years for yours!" and, hanging up the receiver, he cut off a choice line of

remarks that was issuing therefrom.

"Hello, there's Hufsmith," remarked His Majesty, as the person in question was brought before him. "What'll we do with him? Ha! I have it. Put him in with the other goats, and let him browse on the Brimstone Hedge!"

"Send in Denison next," he commanded. "I've long waited for him. Denny," he said, when the latter appeared, "if you have no particular objections, I want you to edit the Hades Daily Blister for

the next century or so. Mind you, the job is quite a responsible one, and all TRUTH must be kept out of print at any cost."

"You're on!" shouted Denny, signing an iron-clad contract.
"I've had lots of experience on the Boston papers," he said, as he drew his high-speed steel pen across an asbestos pen-wiper.

The telephone rang again. Charon was on the line. "Pete

White's back again," he said.

"What's the matter now?" asked the Fire-proof One.

"He says they won't let him in up above."

"Well, he can't come in here, either," said Satan. "He's too Green to burn! Ask him what he's going to do about it? What does he say?"

"He says, 'O Hell, have I got to go back to Tech?"

"Bring in the Heavenly Twins now," the Devil commanded.
Wilkes and Stevens were ushered in, with their arms around each
other's necks.

"Well, what would you two like?" said Satan.

"Anything," cried Wilkes. "Only take him away. He loves me to death!"

"I have a splendid little scheme in the making for you two. You must spend nine hundred and ninety-nine years in the Lover's Lava, kissing each other," Satan smiled sardonically. "And feed 'em nothing but sulphuretted garlic," he added as an afterthought.

Wilkes collapsed, and had to be carried out.

No sooner had these two left the chamber than Charon himself burst into the room in a headlong flight. "Your Majesty!" he cried, all breathless and trembling, and clutching frantically at his long white beard. "Your Majesty! You'll have to get out now! You'll have to go!"

"What in Hell's the trouble now?" cried Satan, greatly agitated.

"You can't run things any longer," said Charon. "RANGER has come!"

With a mighty bellow of anger and despair Satan leaped from his throne and precipitated himself into the depths of the Bottomless Pit, and only an increased roar from the furnaces below, the rising of a great cloud of sulphur vapor, and an overpowering odor of brimstone gave evidence of the passing of the erstwhile Ruler of Hades.

B

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CLASS DINNER: Held at the Union, November 9, 1910

Toastmaster: Edward Montgomery

Speakers: Dean Burton, Professors Dewey and Sedgwick

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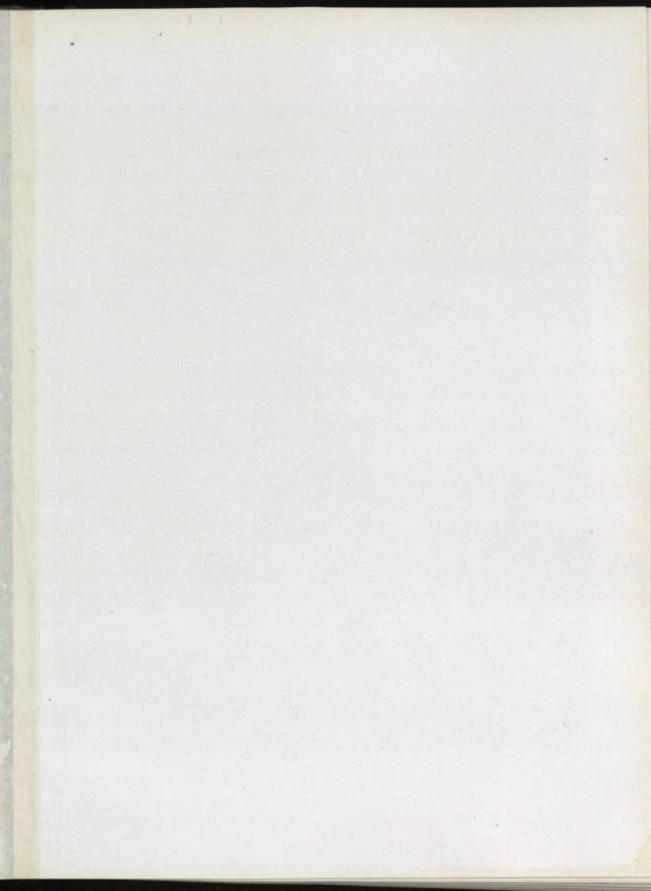
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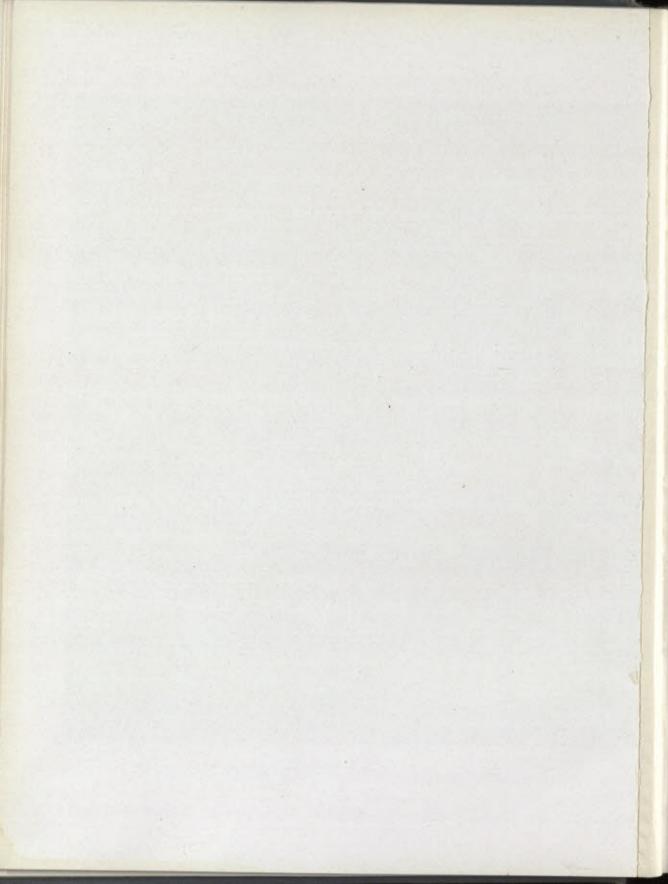
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	Ernest William DeWitt,	II	John Murray Hastings, Jr.,	X
				- 3
James McArthur Beale, III	Harris Edward Dexter,	VI	Miss Hattie Dora F. Haub,	V
Robert O. Beardsley, VI	Frederick Henry Dierks,	II	Lloyd Arthur Hechinger,	III
ARCHOCAR OF ACCES ORDERS 1				XIII
Lew Wyatt Beason, VI	Ralph Harrington Doane,	IV	Alex. Griswold Herreshoff,	
David Fry Benbow, II	Ralph Nelson Doble,	H	Harry Clair Hess,	IV
and the state of t			Stanley Harlbut Hademan	-
Harvey Smith Benson, II	Charles Ernest Dodge,	1	Stanley Hurlbut Hodgman,	
Donald Earl Bent, VI	Lester Locke Downing,	H	Edwin Charles Holbrook,	12.00
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Ruben Bermudez, Jr., III	Chester Lawrence Dows,			
John Arthur Bigelow, IV	Pierre Drewsen.	X	Oliver Wendell Holmes,	V
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Transmit Carrier Address,	Garth Homer Duen,			
Sylvan Birnbaum, VI	Leslie Burton Duke,	III	Aurelius Pointer Hornor,	V
	Miss Ruth Dunbar,	VII	Theophile Oliver Hotard,	IV
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Miss Fanny Helena von Born, V	Cornelius Anthony Duyser,	XI	Gerald Branch Howard,	100
	Gurdon Irving Edgerton,	IV	Julius Lester Howland,	VI
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John Leighton Bray, III	Archibald Eicher,	XI	Techun Hsi	
Franklin Nelson Breed, IV	Adolph Martin Eisenberg,	VII	Ming Tsai Hsu,	X
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Charles Henry Breen, I	Rupen Eksergian,	-	Clifford L. Hufsmith,	1.5
Karl Hamlin Brown, VIII	Calvin Powell Eldred, 5 yr.	VI	Walter Scott Hughes,	VI V III
Andrea Andreas and Control		III	David Merritt Hunting,	T
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Malcolm Bruce Brownlee, Jr., III	Frederick James Evans,	XI	Ralph Edwin Hyde,	A
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				V
William Joseph Buckley, I	Horace Byron Fay.	X	Harold Gould Jenks,	
	Harry Foster Ferguson,	XI	Harold Stolp Johnson,	V
Tredetter rremy rancos.	Harry Poster Perguson,			I
Israel Caigan, II	Francisco Fernandez,	VI	Henry Adams Johnson,	
Frank Walker Caldwell, II	Earl Emerson Ferry,	VI	Charles Cheseborough Jones,	
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Andrew Wm. Carmichael, XIIIA	Ralph Montague Ferry,		George Howell Jones,	
Charles Hamlin Carpenter, II	Joseph Pryor Fish,	VI	Philip Chopin Jones,	V
The state of the s		II	Milton Kahn,	X
Kenneth Cartwright, II	Thomas Chatfield Fisher,		Military Marin,	771
Charles Austin Cary, I	William Niles Flanders,	1	Nicholas Michael Katsainos,	V.
	Edward Brenton Flanigan,	II	Alfred Katz.	X
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George James Chambers, I	Percy LeRoy Flansburg,	VI	Harold Eric Kebbon,	1.
	Louis Ernest Flett,	1	Sih Sung Keh,	V
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Sidney Ying Chen, XIII	Louis de Florez,	II	Gerald Marcy Keith,	
Madison Walter Christie, I	Henry Michael Foley,	VI	Henry Donald Kemp,	V
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Antonio Clavell, V	Manuel Font,		Merrill Justin Kimball,	
Henry White Codding, VI	Raymond Cusen Foster,	III	Allen Holmes Kimball,	I
TACARA J. PRANCE CONTRACTOR		III		X
Mitchell Coffin, II	Harold Robert Leslie Fox,		Francis Henry Kingsbury,	48.
Wilson Graham Cole, I	Rudolph Herzer Fox,	II	John Wood Brooks Ladd,	
		X	Theodore Lafreniere,	X
Edward Francis Coleman, I	Norman Fredriksen,			77
William Leo Collins, XI	Abram James Freedman,	XI	Henry Lamy,	II
		VI	Walter Warren Lang	1
Rock Livingston Comstock, X	John Compton Freeman,		Walter Warren Lang,	100
John William Connolly, I	Miss Constance Fuller,	IV	William Herbert Lange,	
John Diamonant Constable VIII	Carl Augustus Funk,	IV	Robert Roger Langer,	II
John Pierrepont Constable, XIII				IV
James Arthur Cook, VI	Charles Lester Gabriel,	X	Archibald Walwyn Laurie,	T
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MEMBERS OF THE CLASS OF 1912

Alberto Lavenas,	II	Munroe Rhodes Pevear,	IV	Frank Elijah Starr,	III
Fernando Lavenas.	I	Theodorus Polhemus,	XI	Clarence Augustus Stewart,	I
Thomas Brown Lawler,	VI	Oliver Davis Powell,	I	Dugald Stewart,	Ĩ
Paul Root Lawrence,	X	Jabez Harden Pratt.	X	Franklyn Mosher Stibbs,	XI
George Edward Leavitt, Jr.,		Henry Malcolm Priest,	T	Robert Clarence Stobert,	XI VI
Hans Frank Lehmann,	ii	Theodore Rentrope Prouty,	IV	Ralph Townsend Stone,	II
	VI	Revere Burnham Pulsifer,	XIII		II
John Henry Lenaerts,				Lester Arthur Stover,	
Charles Lewis Levermore,	X	Otto Joseph Ramler,	VIII	Edward Lynch Sullivan,	VI
Max Levine,	VII	Ross Howard Rathbun,	VI	Ewazo Suzuki,	X IV
Junius Poullain Lewis,	II	John William Raymond, Jr.,	1	Guy Andrew Swenson.	11
Leon Gage Lewis,	1	Stalker Elijah Reed,	III	Ralph Symonds Symonds, Elliot Whitney Tarr,	II
Oliver Cromwell Lombard,	VI	Bartow Vandewater Reeves,	X	Elliot Whitney Tarr,	VI
Joseph Warren Lovell,	VI	Allen Willard Reid,	I	Walter Hernon Taylor,	V
Frederick Curtis Loweth,	I	Clarence Kenworthy Reiman	. X	Joseph Allen Tennant,	VI
William Charles Lynch,	II	Charles Vaughn Reynolds,	XI	Emery J. Theriault,	XIV
Harold Clarkson Mabbott, 5		William Geyer Rhoades,	VI	Alvin Goodell Thompson,	II
Harold Clarkson Madooce, 5	& VI		II	James A. Tillinghast,	VI
	CC VI	George Harold Rhodes,	VI	Harris A. Thingnast,	VI
Francis Thomas McAvoy,	1	William Armitage Rhodes,	VI	Henry Stanley Tirrell,	XI
Charles Donald McCormack,		Rene Alphonse Richard,	- 1	Edward Mayo Tolman.	XI
Henry Douglas MacDonald,	III	George William Richards,	1	Daniel H. Tomlinson,	I
Clarence McDonough,	1	Wallace Dunster Richardson	, XI	Pao Tung Tong,	I
John Vincent MacDonough,	X	William Elmer Richardson,	I	Bates Torrey, Jr.,	X
David James McGrath,	I	Charles William Rieser,	X	Ralph Martin Torrey,	XIII
Karl Cushing McKenney,	VI	Wilbur Taylor Roberts,	I	Walter Howell Triplett,	Y
Nicholas Tallon McNeil,	Î	Frederick Alfred Robinson, .	le X	Leonard Thompson Troland,	VII
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Paul Harold McOsker,		George Albert Robinson,	737	Paul McIntosh Tyler,	III
Charles Alden Magoon,	VII	Walter Vogt Rohlffs,	IV	Arthur William Underhill,	VI
Denis Francis Mahoney,	I	John Boyd Romer,	V	Edwin Osgood Upham, 5 yr.	
Edward Mangan,	II	Antonio Romero,	1		& VI
Harold Grosvenor Manning.	X	Royal Pulsifer Root,	II	Roy Daniel Van Alstine,	I
Eugene Theodore Marceau,	X	Bradley Travis Ross, 5 yr.	X	Elijah Carhart Van Syckel,	III
Conrad Alexander Markwold	. V	Charles Bacon Rowley,	II	Cecil Bolmer Vaughan,	II
Edward Mansfield Mason,	VI	Walter Morley Ruby,	II	Hayes Bowers Vickers,	II
Max Clark Mason,	VI	James Edwin Rush,	VII	Arthur Williams Vose,	I
Leroy Allen Matthews,	VII	Gordon Ames Ryon,	VÎ	Norman Scruton Wade,	II
	III		Î		
Alan Hay Means,		Nathaniel McLean Sage,		Lawrence Brewster Walker,	II
Charles Hudson Sayre Merri		Everett St. John,	II	Richard Parker Wallis,	1
Hamilton Merrill,	X	Agapito Salgado,	VI	Louis Sebastian Walsh,	X
Lester George Metcalf,	II	Leon Alfred Salinger,	V	Harold George Watkins,	1
Waldo Benneville Miller,	I	Willis Ruel Salisbury,	II	Earle Bradbury Watson,	I
John Preston Minton,	VIII	Justis Curtis Sanburn,	X	Lea Albert Weatherwax,	IV
Harold Dies Mitchell,	X	Hall Sargent,	II	Charles Willis Webber,	VI
Edward Montgomery.	X	George Summers Sawyer,	I	Everett Brockway Wettenge	
David Garcia Montt,	VI	Richard Harriman Scanlon,	II	Robert Everett Whipple,	III
Frank Lewis Moore,	ΥÎ	Robert Samuel Schar,	v	Lester Marius White,	
			II	Lindsey W. Whitehead,	X
Walter Stone Moore,	I	Erwin Haskell Schell,		Charles W. Whitehead,	111
Bernard Hudson Morash,	VI	William Schmiedeke,	I	Charles Matson Whitmore,	VI
Fred Thurlow Morse,	1	Henry Schrieber, Jr.,	XI	John Eddy Whittlesey,	II
Fred Lawrence Mowry,	XI	Fu Cheng Sectoo,	XIII	Oscar Karl Wiessner,	III
Joseph Ignatius Murray,	VII	John Soley Selfridge,	VI	Kenneth Neil Wildes,	1
Wallace Jennings Murray,	X	Wellesley Joseph Seligman,	III	Howard David Williams,	XI
Charles William Nitschke,	IV	Harold Harris Sharp,	III	Paul Revere Williamson,	I
	AIIIX	Fred'k Johnstone Shepard, Ja		Charles Main Willis,	IV
Jonathan Alvan Noyes,	II	Jacob David Shore,	IV	Raymond Everett Wilson,	II
Walter Francis O'Brien.	ÎÎ	Wright Shuttleworth.	II	Jacob Samuel Wise,	IV.
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William Gerken O'Brien,	XX	Benjamin Silverman,		Robert Joseph Wiseman,	
Lawrence Gleason Odell,	XIV	Vernon Gregory Sloan,	İ	Herbert Louis Woehling,	VI
Joseph Oppenheim,	V	Alfred Newell Smith,	1	William Smock Wolfe,	X
Frederick Warren Osborn,	III	Clyde Fuller Smith,	XI	Robert Odiorne Wood,	XIV
Henry Noyes Otis,	II	Harry Chawner Smith,	IV	Charles Martin Woodcock,	V
Ricardo Lara Pacheco,	VI	Frederic Hastings Smyth,	X	Robert Harris Woods, Jr.,	VI
Henry Hinman Partridge,	II	Carl Warrington Somers.	IV	Clarence R. Woodward,	III
Albert Lawrence Pashek,	VÎ	Hugh Emerson Soulis,	VI	Rowland Woodward, Jr.,	II
Horace Stanwood Payson,	Î	Cyrus Foss Springall,	IV	Nicholas W. Worthington,	ŶĬ
Holman Isaac Pearl.	İ		VI		VI
		George Milton Sprowls,		Rowland Gregory Wright,	
Aksel Marius Pedersen,	X	Allen Brown Staiger,	II	Dwight Mead Wyman,	II
John Mason Pettingell,	1	Willson Young Stamper, Jr.	1		



Track

VINCENT WEAVER ALLEN
HERBERT BURR ALVORD
VOLANT VASHON BALLARD
DAVID FRY BENBOW
HARVEY SMITH BENSON
JOHN LEIGHTON BRAY
KENNETH CARTWRIGHT
PHILIP WHITE DALRYMPLE
LESLIE BURTON DUKE
EARL EMERSON FERRY
RALPH MONTAGUE FERRY
HAROLD ROBERT LESLIE FOX
ABRAM JAMES FREEDMAN

Ward Nelson Gere
John Seeley Grant
Harold Greenleaf
Edward Mangan
Carl Henry Morrill
John Ignatius Murray
Halker Elijah Reed
Walter Morley Ruby
Erwin Haskell Schell
Frederick Johnson Shepard, Jr.
Lawrence Brewster Walker
Harold George Watkins
Robert Everett Whipple

Track

Football

WILLIAM ELLSWORTH BARNES, Jr.
JAMES MACARTHUR BEALE
ARCHIBALD MCCLELLAND EICHER
ALBERT GARLAND GALE
HAROLD ERIC KEBBON
MERRILL JUSTIN KIMBALL
PAUL HAROLD MCOSKER
JOHN WILLIAM RAYMOND, Jr.

WILLIAM TAYLOR ROBERTS
WRIGHT SHUTTLEWORTH
RICHARD CARLTON STICKNEY
GUY ANDREW SWENSON
BATES TORREY, Jr.
JAMES HALLER WARD
JOHN EDDY WHITTLESEY
CLARENCE RICHARDSON WOODWARD

Tug of War

John Lincoln Barry, 3d Frederick Henry Busby Cornelius Anthony Duyser Joseph Willard Farwell, Jr. Herbert William Hall Alexander Griswold Herreshoff, Aurelius Pointer Hornor Merrill Justin Kimball ARCHIBALD WALWYN LAURIE
KARL CUSHING MCKENNEY
HAMILTON MERRILL
GEORGE WILLIAM RICHARDS
GEORGE SUMMERS SAWYER
JOHN SOLEY SELFRIDGE
SAMUEL WOODWORTH SELFRIDGE
FRANK ELIJAH STARR

HERBERT LOUIS WOEHLING



WEARERS & SOFT INSTITUTE INSIGNIAS



Wearers of ATA

HERBERT BURR ALVORD HARVEY SMITH BENSON JOHN LEIGHTON BRAY PHILIP WHITE DALRYMPLE EARL EMERSON FERRY HAROLD GREENLEAF WALTER MORLEY RUBY HAROLD GEORGE WATKINS

Wearers of cTc

HARVEY SMITH BENSON FREDERICK HENRY BUSBY KENNETH CARTWRIGHT EARL EMERSON FERRY RALPH MONTAGUE FERRY HAROLD GEORGE WATKINS

Wearers of hTt Vernon Gregory Sloan

Wearers of BTB
ABRAM JAMES FREEDMAN

Wearers of TTT

Frederick William Covill Clarence Richardson Woodward

Wearers of the T

HARVEY SMITH BENSON JOHN LEIGHTON BRAY PHILIP WHITE DALRYMPLE HAROLD GREENLEAF

HAROLD GEORGE WATKINS

[71]





What is your age?

20 years, 10 months, was the average age.

What is your weight?

160.8 pounds tipped the scales.

What is your height?

The class measured on the average 5' 91/2".

The most popular man in the class?

"Eric" Kebbon took first honors, with "Arch" Eicher next, and "Dave" Benbow and H. D. Kemp close behind.

The handsomest man?

"Adonis" K. Adams is in a class by himself, "Almost Goodenuf" Herreshoff comes next, while "Dave" Benbow and "Gurd" Edgerton tie for third place.

The most versatile man?

"Keb" wins this easily. Benbow, Eicher, Hall, and Kemp all pull a number of votes.

The best athlete?

Watkins wins this hands down. "Tod" Greenleaf, "Phil" Dalrymple, "Johnny" Bray, and "Harvey" Benson have all won the coveted "T."



Who has the most class spirit?

Arch Eicher's field goal turned the scales in his favor over Carpenter, collector of the port.

The best-dispositioned?

"Fat" Kimball got away with this, but "Keb's" laugh lets him in, while Torrey and Brown both wear the smile that won't come off.

The best-dressed?

The bizarre attire of Hughes is much admired by the class.

What junior is most likely to succeed in life?

Cremer is the favorite, with "Weeny" Schell of the Show second, and some are hopeful for Benson.

The biggest smoke?

V. W. Allen's meerschaum settled this question, while "Ned" Montgomery and H. Donald Kemp also indulge in the noxious weed.

The average time of retiring?

The class is kidding us on this, for 12 o'clock seems to be the usual hour, and the class is certainly not that studious.

Our favorite professor?

"Doc" Talbot again takes first honors, while the devotees of Applied are strong for Hayward and Johnson.

Our favorite instructor?

"Blachie" arose to the occasion, while some of the class are aware of the fact that Swett was recently married.









The average number of C's per report?

The approximation of this was given up in despair, but in round numbers it is somewhere akin to 10-5.

Can you register correctly?

Two in the class brazenly said that they could, but, after seeing the other answers, we are skeptical.



THE "WAR CRY!

How often do you buy the "Tech"?

"Often" doesn't seem to be the proper word to have used here, as some few bought it their freshman year, and one man reads it when he can't get the War Cry.

How often do you write home?

Most of the class write immediately after the first of the month, while one man replied, "Whenever my temperament requires the necessary lucre for a little social relaxation."

How often do you write your girl?

Answers vary from every evening to nary an evening.

What is your favorite girls' school?

Wellesley won over Smith by one vote. Dana Hall only got third, much to the surprise of various members of the board.

Are you partial to any one girl?

A much stronger word than "partial" should have been inserted in the above question, judging by the answers received.



What is her first name?

Gwendolyn leads in a long and scintillating list. "Allis sit by the Boiler" was the most euphonious.

How soon before you expect to get married?

Answers were extremely varied, but the general impression seemed to be, "The sooner, the quicker."

Would you marry for money?

Many thought they would have to in the end, while one youth remarks, "Money would not stand in the way."

What salary do you expect to draw after five years out?

One is modest enough to state, "It probably won't eclipse John D.'s." The general sentiment was from \$3,000 to \$5,000. Dream on!

What is your greatest ambition?

All of the fellows want to graduate. One bashfully admits, "To please my wife," and here's another:—

 $\begin{array}{l} x = \text{luxury} \\ y = \text{girls} \\ z = \text{money} \end{array} \text{Ambition} = \int_{0}^{\infty} \int_{0}^{\infty} \int_{0}^{\infty} x \ y^{2} \ z^{1} \ dx \ dy \ dz$

Do you wear your B. V. D.'s all winter?

Most of the class thought this a foolish question, some few admitted having them washed occasionally, while one indignantly exclaims: "You rude thing! How dare you!"

What is your favorite tobacco?

Bull Durham seems to be popular, while the sports stand up for Imperial Cube Cut.







LETTERS OF THE 1912 CLASS BABY

[Editors' Note.—Owing to the monumental achievements and successes of the many members of the class of 1912 during the past fifteen years and the great attention which is at present being given it by the leading periodicals as well as the great educators of the country on account of its unrivalled production of prominent men, the editors feel it a privilege to present to the public the contents of a series of letters which serve to show the extraordinary character of this organization at the time when these masters of finance and engineering were attending college.]

Dear Bill:-

Doggone it all, Bill, you go and move your measly carcass way off to Idaho just as I pownce upon the gratest discovery of my youth.

You know you said that your father was a great bare hunter and killed the mitey denizons of the wilderness by stealthily steeling behind them and twisting thare tales till thare heads fell off. Well, I told that to my father and he didn't think that was so darn wonderful cause he had once beerded the Registrar in his den and stared at his feet till his spectacles fell off which took more nerve by a heluvalott. And then pa led me to a dark corner and whispered in my ear that he was a son of emmeytee and just give him some acid with sulphur in it and he could lick his wate in skunks. Golly! Bill, I never suspekted he was such a dangerous article and he said he would tell me of his dark past if I would tell no one. So this must be a secret to the deth, and curst be yee if yee blab.

He said the first step in his career was that of a Freshy, and there was a class that was class, sezze and pownded the butter dish instead of the table with his fist which made him curse awful. He said there was a Feller in that class named Iyker that was a kicker from way back. There he stood on Feild Day sez pa, in the center of the arena with a howling throng about him with a tenth of a second to play and he throws the pigskin to erth with a mitey fling, up goes that trusty foot, and it saled over the gole giving the Freshman vic-

tery with the score ninety to nothing. I am not sure of this last part, Bill ole kid, cause pa acted this all out, and when up went the trusty foot, he kicked our house-cat into grandma's wig and she squeeked to beet billybedamd. He said they had to drill in a big hall that was bigger than our house and barn and all the henhuts put together and they had a band that would put the hosts of the insayne to rout. He said they played Onward Christian Soldiers till the leader stopped whistling through his teeth and then they'd clout the drum a few times and after that the Christian soldiers had to take care of themselves.

Pa drilled some for me with a old musket he had and he was darn inspiring untill where he crys Charge! and then he run out the door hoop-tee-toot and stuck our hired man in the back as he was going by the door and ole Zeke sez Ooch! and swung at pa with the milk-pale. Ma took me upstairs then so all I heard was an awful rumpus and I will write you more in my next.

Deth to the blab!

Yours

WURTZ.

Dear Bill:-

Pa was feeling well enough today to sit out in the sunshine and so when all was still I whispered to him to relate more of his dark past. He said he could do nothing without his class pipe which I got for him. He said thare is the sweetest pipe that was ever made. He said Feild Day the Soph year was not so much good as the year before and he said we would have won if it had not been that they had a cross-eyed judge for the tug-of-war and when the mark on the rope was over the line and the Sophs had won, the fool judge looked out of the wrong eye and gave it to the other side. He said the other side had a fat man named Burchard and he would wind the rope around his chest and every time he took a breath the Freshmen gained two feet.

Speaking of financiers sez pa, there was a man in our class that had J. P. Morgan beat to a stand-still. Name was Carpenter and he

was the treshurer. I've seen men, sez pa, down on thare knees beggin to pay him a dollar and Carp would just spurn em and call em vampires after his blood, but they would catch him unawares and ty him down so they could stuff his pockets with the filthy lucre. And thare was a man named Kebbon who knew every man by his middle name and he had a base voice and he could sing so low that it bothered him.

Pa said the grate events of the year were the class meetings and the hall they convocated in would creek and groan with the weight of the mitey throng there assembled. Through the long hours of the noon, sez pa, they would cuss and discuss the weighty problems that confronted them and the profs would have to threaten some of the weaker members in order that they would make a motion to adjourn. He has seen the rostrum lined with the faculty on their knees, pleading that they be allowed to hold their classes and the class-president would say Away! Back to your moth-eaten books and they would slink away like jackals.

One night we thought we would have some sport, sez pa, so we herded together a flock of trembling Freshmen and marched them through the crowds of gapping populace to the fish pond in the commons where we made each one jump far into the roaring billows. It was a rayr sight to see them standing on the asfalt bottom, thar gawnt limbs quivering with fear and mud, entreating the silent and awful throng which stood upon the banks to give them one last look at Mother Earth before they died. Deth was fast approaching thare brittle forms when the coast life savers appeared in gondolas and rescued them.

The most spectacular evidence of the college spirit of the class was given by there eegerness to buy the Tech. The halls of our amamotter would resound with the terrible cries of the mob as they surged about the distributers of our daily. The newsboys adopted the plan of passing out papers with both hands and catching the pennies in there mouths at which they became very expert but one day one of the many millionaires in our class threw in a quarter by

1912

mistake which broke out two front teeth and the poor boy in his excitement swallowed a dollar and forty five cents.

Just then the mail-man came, and brought pa a postal which I read to him as he did not have his glasses. It said Dear Mr. Brown: You have as yet neglected to pay your Sophomore dues. This is a matter of 15 years standing and one of these days something is going to sit on you.—Carp.

Pa grew pale and muttered Horrors! He still haunts me, and slinked into the house.

More in my next.

WURTZ.

Dear Bill:-

Ma has gone off to Wellesley to a class reunion and pa and I have been living from hand to mouth for the last three days. We had to drink our coffee out of soup-toureens this morning as they were the only things we had not used but I made a contract with pa that I would wash everything if he would tell me more of his deeds which I did and which he did which is why I'm writing you, Bill, ole kid.

The fall of 1910, sez pa, marks the apecks of our glory as a class. Some idea may be gained of our class spirit when I say that when the elections took place there were 500 votes cast and there were but 350 men in the crowd. The members of our mitey clan were to be found in all the walks of study, and there was scarce a Freshman or Sophomore class that did not boast of one or more of our number. No cafay in the city but what was illumined during the evening hours by the bright faces of our classmen. So diversified became our interests and so famous did some of us become that the Dean undertook to keep biographies of our lives after the manner of Boswell. These he kept in his office and every now and then he would call together the Faculty and read them passages and quotations from these works and in this way impress upon them the gratitude which

they should feel in being allowed to live in such close proximity to such marvelus beings.

Our fame spread far and wide and so feared did we become that no Harvard man would dare venture into the city unless properly chaperoned.

When the hair and hounds run would pass through Wellesley campus, they had to carry umbrellas to protect themselves from the shower of broken glass from the hundreds of dormitory windows which were burst open by the thousands of beautiful maidens striving to catch a glimpse of a Junior.

The Faculty finally decided that they must show their appreciation of our endeavors so they decided to send the most renowned members of the class notes of appreciation. It was at this time that I left school sez pa, for the Faculty sent me a note in which they spelled my name wrong which was an insult that I could never forgive. Long was my absence mourned and for weeks afterwards the students sat with bowed heads in the Physics lectures in memory of their bereavment and memorial services were held nightly in the Chapel.

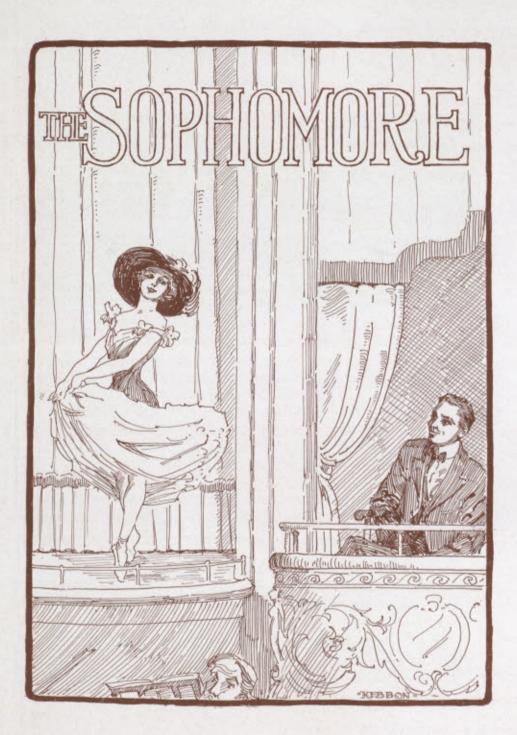
Wasn't that sad, Bill ole kid? Think of those profs aweepin and aweepin for thare lost heerow.

Pa sez there is little more to tell. Sezze it was a bully class and I loved it and sometimes I felt perhaps I should have been a little more lenient with my teachers but I did what I could for them. Here pa wipes his glasses with a piece of waste which he always carries for he sez true Tech men always carry waste in loo of a hankercheef.

Just one more thing, Bill ole kid. Tell that tiger-tale twisting dad of yours that if he wants to do something brave just to whisper in the ear of a 1912 man that his class was no good.

Yours

WURTZ.



CLASS OF NINETEEN HUNDRED AND THIRTEEN



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WALTER PAUL MUTHER CHARLES EUSTIS TRULL MAX LEON WATERMAN WALTER ROBERT BYLUND

GEORGE PHILIP CAPEN

CLASS DINNER: Held in the Union, November 3, 1910

Toastmaster: Harold Snell Birchard Speakers: Professor Talbot, Professor Hayward, and Dean Burton [82]

TALE OF THE CLASS OF 1913

T chanced in the fall of 1909 that there appeared at the Institute divers dwarfs from North, South, East, and West. They had some of the marks of men, but they lacked sense of direction, and their faces were of a sickly green color, and they were strange to look

upon because of their greenness. And straightway they fell among thieves. For their old-time enemies, the men of 1912, descended on them suddenly, and sold them many drill suits of great age; and, the older were the suits, the higher the price. But this was as nothing to the next, for all roads led to Mac's, and sweet Sirens beguiled their money for books not subject to discount. And this day or the next each freshman went to see Bursar Rand's Beauty Show, admission \$165. But with all this skinning the green came off very fast.

And, when at last they were assembled together, a mighty chief—to wit, Bill Salisbury—led them all, and he did rant and claw the air, and cry, "M. I. T., Rah, Rah, Rah, Thirteen! Thirteen! Thirteen!" And all the dwarfs did cry likewise, and make exceedingly dolorous wailing by their crying. Then did the chief raise his hand and cry, "Beware, for 1912 is your grievous enemy," and all the dwarfs did cry, "Yea-bo!" Then came other chiefs,—to wit, Zeke Williams, and Lloyd Cooley, and Kester Barr,—and they all railed exceedingly. Then the dwarfs lightly swore that they would do 1912 or die in the attempt, and they elected two chiefs,—to wit, Holmes and Birchard,—that they might be led to battle.

In those days the cry, "You can help make the *Tech* a daily," was heard in the land, and the *Tech*,—that is to say, Dick Ranger,—called the freshmen to a mighty feast. Then the men of 1912 did a clever and grievous thing. For, on the day when all the freshmen should come to the feast, the sophomores led away captive the chief-

tain Holmes, and, exulting in their victory, they sent a message, saying, "Oh, be joyful, for we have your President safely canned in Salem." And there was exceeding sorrow in the camp of 1913. But the chieftain was let go again.

And for a space of one month thereafter the war-cry "One-twothree" was heard on Garrison Street, and swift runners made themselves ready, and the long-haired sons of the gridiron and the men of 1912 did scorn the dwarfs and scoff at them, but the scoffers were doomed.

Finally arrived the day when they should do battle, and many upper classmen drew nigh to watch. And all the company hied them away to Tech Field, some on the pole-car, many by buzz-wagons, and some by shank's mare. And there transpired first the ropepull. And the men of 1912 pulled manfully and well, but the men of 1913 prevailed for a season, whereat the multitude did shout and cry, "'13, '13, '13." Then did the football men run bravely to battle, and both teams strove lustily, but neither prevailed. And now came twelve swift runners from 1912 and a like number from 1913, and they ran, and 1912 outran them with great ease. Then came again the rope-pull men, and again they struggled, and the men of 1912 prevailed. Now once more the football men struggled, and the freshmen strove mightily, especially one Goff, and they prevailed. Then was the shouting fine to see, for now the fate of the day must depend on the third rope-pull. And the rope-pull men struggled yet again, and they pulled with their might and main, so that the rope was nigh to bursting, and the sophomores prevailed at first. rose up the freshmen, and gave a mighty shout, and the sophomores lost heart and gave way, and the freshmen won the day. That is how the dwarfs became men. Then was there exceeding jubilation in the camp of 1913, and they did shout and dance. And, all joyful, they marched into the town, and on the way they removed sundry of the car-poles from the wires. Then sent they up joyous yells from the steps of old Rogers.

In the evening of that day the people were amused by a show

named "The Comely Co-ed," and the cheers for "Elsie" were loud and long, though just why it was indeed hard to see, for Elsie had little indeed to do with the winning of Field Day. Then prevailed great quietness for six weeks, except that there was held another election, and Chief Holmes was made head for a year with others; to wit, Wallace, Knight, Birchard, Peck, Prentice, Guild, and Senior.

It came to pass then that the chief ordered a feast to be prepared. And, because the Union had served them so scurvily on former occasions, the dinner should be held at an inn; to wit, the Crawford House. It chanced that the upper classmen waxed passing sore because they had eaten at the Union, and now the freshmen bade fair to escape this punishment. And the men of the upper classes caused to be held a great mass meeting in Huntington Hall, and they made loud complaint against the freshmen. But the dinner occurred in the Crawford House, and all the goodly company present did vote it a grand success.

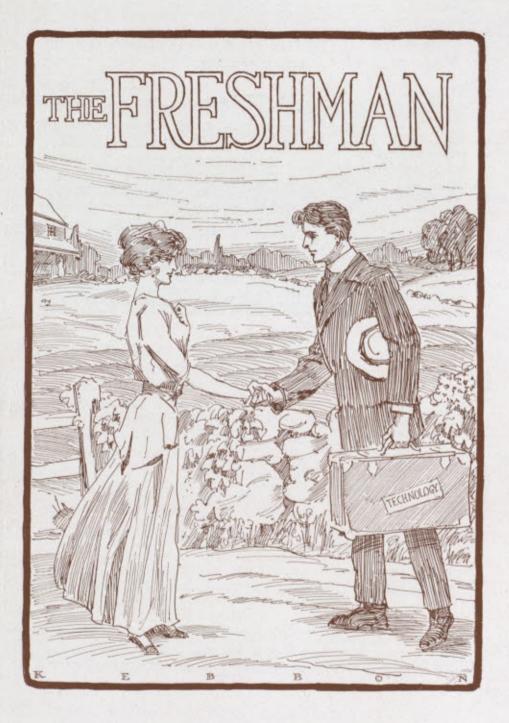
And about this time Walter Humphreys, inventor of the decimal system, began to consider to decimate the freshmen. And to this end was perpetrated a most ghastly device,—to wit, the Mid-year Exams; and, when Walter and the Professors had perpetrated and decimated, they rested content.

But the news went abroad of a show to be given, and many of the men proved loyal to Tech and careless of their futures by seeking to be a part of the show. And for a space of ten weeks the show held sway, and, when it appeared, the people agreed it was a goodly show.

And about this time, the officers of the drill being exceeding anxious to show off their costumes in public, a dance was held in the town, and many attended. The officers agreed it was a grand success, but the freshmen did the work, and said, "Wait till we are officers." And yet again the officers desired to show themselves off, and they held a great Prize Drill, where one of them received a gold medal, but the real purpose was to let the freshmen build a great

fire before the Rogers Building and revile the officers of the drill. But again came the decimation; and, when it was finished, they rested for a season.

But in the following year another host of greenish dwarfs appeared, and sought to do battle with the men of 1913. And they held a feast, and they diligently considered the place of their chief, and he was not, for he was "safely canned in Salem." And the men of 1913 held another election, and chose Birchard for their chief, and others; to wit, Rogers, Hart, Peck, Taft, Rand, Eichorn, Baxter, and Katzenberger. And the second day following they went out to do battle with the freshmen. But the day was exceeding wet, and the freshmen dwarfs nearly drowned, and at every turn they were so badly beaten that there was no joy in it for the men of 1913. Here endeth the tale, but the end is not yet.



CLASS OF NINETEEN HUNDRED AND FOURTEEN



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OWEN STUBBS

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MAYER WAITT

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THOMAS LOCK CHASE
THEODORE HERVEY GUETHING
GORDON WINTHROP WHITE

CLASS DINNER: Held in the Union, February 4, 1911

Toastmaster: Theodore Karl Krueger
Speakers: Professor Talbot, Dean Burton, and Bursar Rand
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THE PASSING OF THE THIRD FLOOR BACK

(WITH APOPLEXY TO MR. FORBES ROBERTSON)



N top of an ash-can, big tears running down his cheeks, sat Lill Ahthuh. Before him stretched the Back Bay automobile track, with Castle Square showing dim gray through the driving snow-storm. He clutched a crumpled sheet of white paper.

"Fired," he moaned,—"fired, canned, kicked out." His voice broke. "What'll the folks say? What'll they

do? O-ho-oh-hu-boo-hoo."

"Aw, shut up," grumbled Dingbat. "You don't see me blubbering all over Clarendon Street, do you? An' I've got the same thing you've got. I've got more than you've got. I've got to fork over seven plunks to the chem lab. You've got a little coin left: I'm broke. Spent every last cent at the feed last night. Now shut up. Let's go to the room and write the news to father, and then close the windows and turn on the gas."

Dingbat and Lill Ahthuh had met one morning in front of the Walker Building, which they were regarding with holy awe.

"Good-morning, sir," Dingbat had said, tipping his hat. "Are

you a Technology student, sir?"

"Good-morning. No, but I trust I shall be soon," Lill Ahthuh

had replied, blushing a deep red.

"We're both freshmen? Let's get acquainted." And after several days they had become acquainted.

Meeting again in a restaurant one night, they decided to room together. And the next morning the almost endless search for a room began. All the daily papers were carefully gone over, and lists were obtained from the office in Rogers. Lill Ahthuh spent the first day of the search out in Roxbury. Dingbat was combing the West Side. When they met that evening, nothing suitable had been found. The next day brought the same results; and, it being near the end of the week, they began to get disheartened. Saturday morning each took his list of addresses and started out. Dingbat

was in the neighborhood of the Institute at about eleven o'clock, and was consulting his list, when he looked up and saw Lill Ahthuh coming up the other side of the street.

"You here?" both said. They were, in fact, both bound for a

brown-front house half-way up the block.

"It's number thirteen," Dingbat said, as they rang the bell. Lill

Ahthuh only grinned.

A smiling, kind-faced old lady came to the door. After the usual formalities, they were shown "upstairs." "Upstairs" proved to be three flights up. But a thin brown carpet made the stairs rather attractive. The kindly old lady opened a door, and before them lay the cosiest little room they had seen for a week. Leather chairs that were just right, and wall-paper, couches, and pictures to a queen's taste. "This is us," whispered Dingbat. So they took the room.

Moving occupied all that afternoon and most of Sunday. At seven o'clock Sunday evening Dingbat sat down on the lounge.

"What shall we call it?"

"The Hole!"
"The Office!"

"The Third Floor Back!" And that it was.

The Third Floor Back began its term of usefulness when two other freshmen, who were looking for rooms, were persuaded to take up their abode in the house. Tuesday of the next week saw three more arrivals, one on the floor below, and two across the corridor from Lill Ahthuh and Dingbat. So, now that the house held a colony of embryo Tech men, Third Floor Back became the general stamping ground of the fellows. Dingbat went to a sign painter, and soon there appeared on the door a white card, upon which was printed in letters, cardinal and gray,—

THE

THIRD FLOOR BACK

We never close Wipe your feet

One evening Lill Ahthuh came home with a bundle of books under his arm. A serious, determined face was his.

"William" (he had not come to the Dingbat stage yet),—"William, there are very famous men at this school. If you and I take advan-

tage of this opportunity, maybe we will become captains of industry

or somebody like that." William agreed.

They went to the meeting in Huntington Hall, at which the Dean spoke, the President being somewhere on the Atlantic Ocean. And they got Tech Bibles and Co-op tickets. They went regularly to the Field to be cussed at by the little fat coach, and wrote home about the wonderful, big school on Boylston Street. One day Dingbat made a discovery.

"William, the sophomores are trying to kidnap our chairman and keep him away from the class dinner Saturday night. We've got to get up a bunch to prevent it. We must show some class spirit,

William."

For several days they showed class spirit by watching, as many others did, every movement of the sophs. On Friday evening Dingbat and William went to a reception given at the Union. At nine-thirty they were startled by a whispered report,—"The sophs are

chasing the chairman."

Dingbat was one of those who went down the dumb waiter, through the kitchen, into the engine-room, and over into Copley Hall. There he was joined by other freshmen, and until late into the night they crept through dozens of dark rooms in the building in the attempt to save their chairman. Several times they were carried out bodily and set into the street by the outnumbering sophs. But the search was unavailing. At eleven o'clock they heard that the sophs had found their chairman, and had hustled him off in an automobile to Wellesley. Lill Ahthuh was for going to Wellesley at once. But instead he went to bed.

They went to the class dinner, at which Owen, the treasurer, presided. Krueger, their chairman, was in Manchester-by-the-Sea, some said. Others insisted that he was in bonds at Wellesley. Freshmen had gone to both places, and the police forces of both towns, together with a private detective, had been pressed into service.

When the coffee was brought in, some one spread the news that Krueger had gotten away from his captors, and was making as fast as he could for Boston. At any rate, Dingbat and Lill Ahthuh went with the shouting mob towards the Public Garden in quest of sophs. They had hardly gotten there when the chairman appeared, and from then until midnight Lill Ahthuh and Dingbat went with the rest of them, up and down, through the dark streets, yelling and shouting whenever a shadowy figure in the distance seemed to take on the

appearance of a soph. Four or five of the enemy they pitched into the Frog Pond. Having accomplished this, they marched off down town. Street-cars, bearing home theatre crowds, were stopped, and treated to several Tech yells, after which the trolley was put back on the wire and the car released. Lill Ahthuh saw many wonderful things that night, about which he wrote his mamma the next day.

Field Day came. Lill Ahthuh was on the 1914 tug-o'-war team, and Dingbat on the football team. At noon a pouring rain changed into a deluge. At two o'clock the field was invisible from the grand-stand except through a spy-glass. This, it might be said, was the beginning of the downfall of Dingbat. He had prayed for fair weather day and night for a week, and, when this all came to naught, he

lost faith in things in general.

The game began. The left-end wore an old bathing suit which his landlady had lent him. Dingbat wore a pair of pajamas, which hindered his swimming very much. The first half ended with a score of 5 for the sophs. Three or four times, when the well-meaning classmates of Dingbat and Lill Ahthuh made a wild lunge at what they thought to be the pig-skin floating on top of the water, they discovered that it was only the head of one of their opponents protruding above the surface. To make a long story short, Dingbat's team lost the game. They could not swim.

The case of Lill Ahthuh was even worse. He was about halfway down his end of the rope when the water dissolved the middle of the rope. Some eight or ten bodies hit him in the stomach at the same moment, and Lill Ahthuh almost drowned before he was discovered lying in the water, gasping for air to breathe. The sophs were declared winners because their end of the rope was the longer.

Dingbat and Lill Ahthuh sat on a box watching the relay race. That is to say, they watched the beginning. The rain came down in such torrents that in the last half of the race the runners ran in opposite directions, and were lost from view. The judges were swept from their places and carried by the current several times around the field, when suddenly they brought up in front of a sophomore who carried a flag.

"Are you the winner of the race?" inquired one of the judges,

between gulps of water.

"Why-a, I think so," replied the sophomore, much surprised. Whereupon the judge placed the laurel wreath, which he had saved through the storm, upon the victor's brow. Leaning upon each

other's arms, Lill Ahthuh and Dingbat wended their way home to

prepare for Tech Night at the Colonial Theatre.

Such joy as Lill Ahthuh experienced that night, and such disgust as Dingbat felt at the actions of Lill Ahthuh, can hardly be expressed. Lill Ahthuh behaved himself until Miss Sanderson came out to sing "Bring me a Rose." Then he lost his head. He had been giving the yells in regulation style, but now he became suddenly silent. As the dance upon the stage progressed, he leaned farther and farther forward. His eyes bulged. His little heart beat so fast that his breath came short. Then Dingbat knew that something was wrong.

"Aw, cut it out," he growled.

But Lill Ahthuh only leaned farther forward, and, when the dance was over, clapped like mad. Each time Miss Sanderson appeared, his heart beat faster. Serpentines, confetti, the balloons, and the yells, all left him unmoved. He had "chipped in" on the roses she carried.

The bunch left the theatre and tried several restaurants, but the innocent looks upon the faces of the freshmen stood in their way. Finally, they found a good, kind man who asked them into his restaurant. Imagine the looks on the faces of the little lambs when they discovered one of the principals from the Colonial at a table in a corner of the restaurant. In fact, "Maria" came over and shook hands with all the little Tech boys, at which many of them became

so confused that their cheeks burned.

After Tech Night Dingbat and Lill Ahthuh tried to study. Lill Ahthuh acquired the habit of going to the "Arcadians" in time to see the second and third acts of the show—until his money gave out. Dingbat made frequent calls over in Cambridge somewhere. Third Floor Back was often the scene of "feeds" and visits lasting a whole evening. The door was usually wide open, and few there were who could pass by its inviting threshold without "dropping in." The science of bridge whist was carefully fostered in Third Floor Back, and at many a midnight hour the stirring dialogue was heard: "Partner, may I play?" Answer, "Pray do." Less and less did Lill Ahthuh and Dingbat think of becoming captains of industry.

Christmas came. Dingbat went up to Maine, and Lill Ahthuh took the train for Pittsburg. A little peace, a few dances, and mid-years loomed up like a great black storm-cloud. Frantically Dingbat and Lill Ahthuh plunged into the work. Late into the small hours of the night their light burned, while their heads buzzed with trigonometrical formulas and descript problems. Dingbat lost his

tongue, and Lill Ahthuh, too, became very silent as the terrible ordeal drew nearer.

Finally, one morning both set out. The math exam came that day. And that night neither said anything. The next day and the day after, as the exams came and went, their faces became paler. But still neither said a word. The evening after the last exam both Dingbat and Lill Ahthuh came in late. Dingbat arrived first.

He lit the gas fire in the grate, and sat there in front of it for some time in silence. Then he turned on the lights, and, lying back on the lounge, he surveyed the room with a look that was so forlorn that it was pitiful. The pictures on the wall he looked at; the rugs, pipe-rack, chairs, and the desk over in the corner, which was littered high with everything from books and newspapers down to neckties and smoking tobacco. They had fixed up that room—he and Lill Ahthuh—till he had become more than simply attached to it.

When he could stand it no longer, he shut off the lights and resumed his seat in front of the fire. There Lill Ahthuh found him

when he arrived.

Both affected a mockery of cheerfulness. "How about it?" asked Lill Ahthuh.

"I guess I made it," Dingbat fibbed. And so did Lill Ahthuh.
But one morning, a week later, two letters arrived from the Faculty. Lill Ahthuh had gone downstairs for the mail that morning,

and, when he returned, Dingbat was sitting upon the desk, putting on his socks. Lill Ahthuh handed him one of the envelopes.

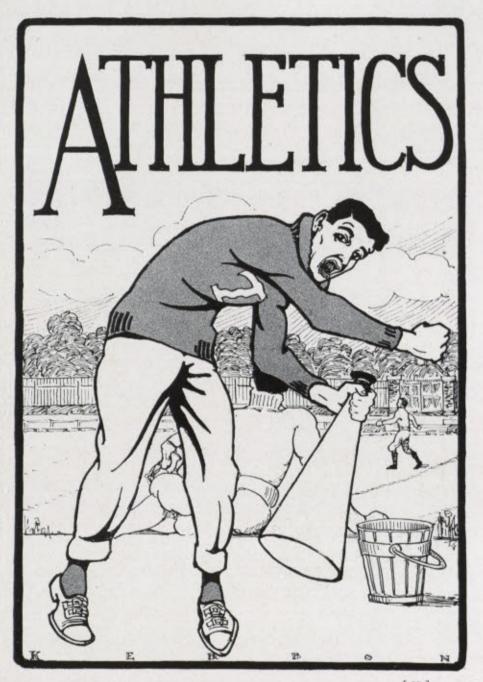
"You read it," muttered Dingbat just above a whisper and with-

out looking up.

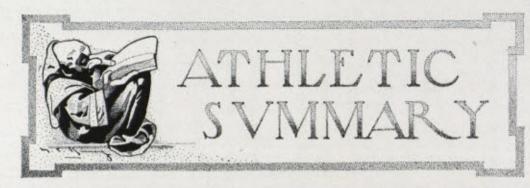
With his back to Dingbat and facing the window, Lill Ahthuh tore open the envelope:—

In consequence of the low standard of your work during the last term and after due deliberation, the Faculty has decided to require you to discontinue your work at the Institute. This decision has been reached only after careful consideration of your past record, and is final.

Lill Ahthuh was gazing intently at the distant walls of the Castle Square Hotel. He turned, and saw Dingbat staring in the same direction. Painfully he jarred himself loose from the ash-can and slid to the ground. And without a word the two figures moved off until they were lost in the clouds of flying snow.



[95]





THLETICS at Technology during the past year have been carried on with the same spirit which has characterized the Institute in former years. While at times we may have wished for better results, the season has been a successful one, and in those branches which are allowable at the Institute we still hold a posi-

tion of high rank among the best universities and colleges in the country.

Track and field work receive our first consideration, and the review of the season may well begin with the outdoor meets held last spring. The 1912–1913 meet April 9, 1910, coupled with the Spring Meet two weeks later, gave the necessary preparation for the develop-



SALISBURY WINNING 220, SPRING MEET

ment of the men for the dual meet with Wesleyan, May 7, 1910. With the team in almost perfect condition the trip to Middletown, Conn., gave promise of being a Technology victory. And we were not disappointed, for we carried off ten firsts out of the fourteen events besides a majority of seconds; won the day by a score of 801/2 to 451/2; and, best of all, satisfied our competent coach, Frank M. Kanaly, that his faithful efforts thus far had not been in vain. Our chances for the New England Meet were now very bright, and the training for that event was taken up in earnest.

The Twenty-fourth Annual Track

and Field Meet of the N. E. I. A. A. was held at Technology Field, May 20-21. Contrary to previous years Dartmouth was not considered so dangerous because of the loss of Hawley and Sherman,

and, as a result, we entertained high hopes of finishing among the first three. Our hopes were somewhat shattered when several of our best

SALISBURY TAKING LEAD, WESLEYAN MEET

men whom we were considering as point winners failed to qualify in the preliminaries.

With the finals came other surprises. Salisbury, White, Watkins, and Pead all placed in the events in which they entered, but at the close of the track events we stood fourth, while Weslevan, Amherst, and Bowdoin were running about neck to neck ahead of us. But Dartmouth was not to be lost sight of, and the fight for first place soon resolved itself between the three,-Dartmouth, Bowdoin, and Weslevan. Not until the last event in the discus throw was the outcome decided, when Dartmouth took fourth place in this event and won the meet from Bow-

doin with only two-thirds of a point to spare. Wesleyan, Amherst, and Williams came next in order, while Technology was to be contented with sixth place.

In cross country our teams have been the fastest for many years.

The Inter-Course and Sophomore-Freshman cross-country races last spring brought out some good material. In the fall the Hare and Hounds runs were taken up again with good results, and the annual race with Harvard October 29, over their course, was lost by a very close margin. In a triangular meet with Brown and Tufts, Technology took second place to Brown, while Tufts brought up the rear. The Intercollegiate Crosscountry Race at Princeton followed. and, although our team ran a good race, we finished in fifth place, being "Top" Greenleaf, Spring Inter-Class Meet





WHITE WINNING 880

forced to give way to Cornell, Harvard, Yale, and Michigan.

The relay teams have had a very successful season. The mile outdoor relay team which ran in the Pennsylvania Relay Carnival last spring was a fast quartette, but the other universities and colleges were represented by speedier aggregations, and we were forced to finish in sixth place in the intercollegiate championship race. The class "B" race was won from Syracuse by default.

The mile indoor team is the one to which we look with especial pride. Early in the season Harvard was defeated at Providence. In this race Thompson, Cumings, and Guething all three made their debut in relay work at Technology. In the B. A. A. games,

with Cumings replaced by White, we not only defeated Dartmouth by half a lap, but made the third fastest time of the evening without

being pushed. The glorious round-up came at Madison Square Gardens a week later, when we defeated Cornell and Syracuse, thereby winning the intercollegiate mile relay champion-ship. The time in this race, 3 min. 29 secs. flat, was 1 4-5 secs. faster than the N. Y. A. C.-B. A. A. time the same night. With Coach Kanaly and Captain Salisbury as leaders, it was the greatest mile relay team ever developed in the history of the Institute, and too much praise cannot be given the men who were in any way connected with the team.

Our two-mile relay team defeated Harvard early in the season, but lost to Cornell at Troy, N.Y., on Washing-



PEAD

ton's birthday. This team likewise was composed of two new men, and, judging by this year's showing, we can entertain high hopes of a

championship two-mile team next year.

The basket-ball and hockey teams closed the season with very creditable records. The opening of the new Boston Arena allowed the hockey team to work under a greater advantage than ever before, and, aside from having a faster seven, more games were played at home, thus affording an opportunity for the student body to witness the contests.

The Technology Crew has made such progress since last year that there is no doubt that this branch of athletics has a firm foothold at the Institute. Last May we defeated the Harvard Juniors in our initial race; won two out of three contests with the Union Boat Club; and on Decoration Day we won from the Newell Boat Club in a very exciting race.

Each year seems to have a new feature, and this year is no exception. Now it is the swimming team which has stepped into our ranks. Great interest has been taken thus far, and with the recognition by the Athletic Association we expect marked progress in

another year's time.

Next year's prospects look exceedingly bright, due to the development of a number of new men, and the future bids fair to increase our already enviable standing in all of those branches of sport which are followed at the Institute.



ONE-MILE, FALL HANDICAP MEET



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

9 4-5 secs.
B. J. Wefers
Georgetown

21 1-5 secs. B. J. Wefers Georgetown

48 4-5 secs.
J. B. Taylor
Pennsylvania

1 min. 56 secs. E. B. Parsons Yale

4 min. 17 4-5 secs. W. C. PAULL Pennsylvania

9 min. 27 3-5 secs. P. J. TAYLOR Cornell [100] N. E. I. A. A. 100 Yards

10 secs.
A. Curtenius
Amherst

H. H. CLOUDMAN Bowdoin G. L. SWASEY Dartmouth

220 Yards

22 secs. C. W. Gram Technology

440-Yards
50 1-5 secs.
G. B. Shattuck
Amherst

880 Yards
1 min. 59 secs.
H. S. Baker
Technology

One Mile 4 min. 24 3-5 secs. A. L. WRIGHT Brown

Two Miles
9 min. 52 4-5 secs.
S. M. Udale
Technology

M. I. T. A. A.

10 1-5 secs. H. S. Franklin 1903

22 secs. C. W. Gram 1909

51 1-5 secs. J. A. Rockwell 1899

1 min. 59 secs. H. S. Baker 1903

4 min. 30 3-5 secs. H. S. Baker 1903

9 min. 52 4-5 secs. S. M. Udale 1907

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

15 1-5 secs. A. B. Shaw Dartmouth

23 3-5 secs. A. C. Kraenzlein Pennsylvania

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

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

12 ft. 3 1-4 in. C. S. CAMPBELL Yale

46 ft. 5 1-2 in. W. F. KRUEGER Swarthmore

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

N. E. I. A. A.

120-Yard Hurdles (High) 15 2-5 secs. A. B. Shaw Dartmouth

220-Yard Hurdles (Low)

24 4-5 secs. J. H. Hubbard Amherst

High Jump
5 ft. 11 3-4 in.
G. HORRAX
Williams
E. R. PALMER

 $Broad\ Jump$

Dartmouth

23 ft. 2 3-4 in. W. P. Hubbard Amherst

Pole Vault
11 ft. 8 1-8 in.
O. E. HOLDMAN
Dartmouth

Shot Put 43 ft. 10 1-2 in.

R. E. ROLLINS Amherst

Throwing 16-Pound Hammer

144 ft. 1-2 in. A. C. Denning Bowdoin

Discus Throw 123 ft. 8 1-2 in. C. K. Pevear Dartmouth M. I. T. A. A.

16 2-5 secs. E. L. Ovington 1904

25 4-5 secs. G. P. Burch 1899

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

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

11 ft. 4 1-4 in. W. D. ALLEN 1911

40 ft. 1-4 in. H. P. McDonald 1901

126 ft. 7 in. W. J. Knapp 1906

110 ft. 2 1-2 in. L. G. MORRILL 1905



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H. S. Benson, of M. I. T.

Executive Committee

F. W. Long, of Dartmouth (ex officio) H. S. Benson, of M. I. T. (ex officio) M. C. Field, of Williams R. C. Peters, of Amherst D. R. O'Brien, of Holy Cross

J. E. Hinckley, of Brown

Members

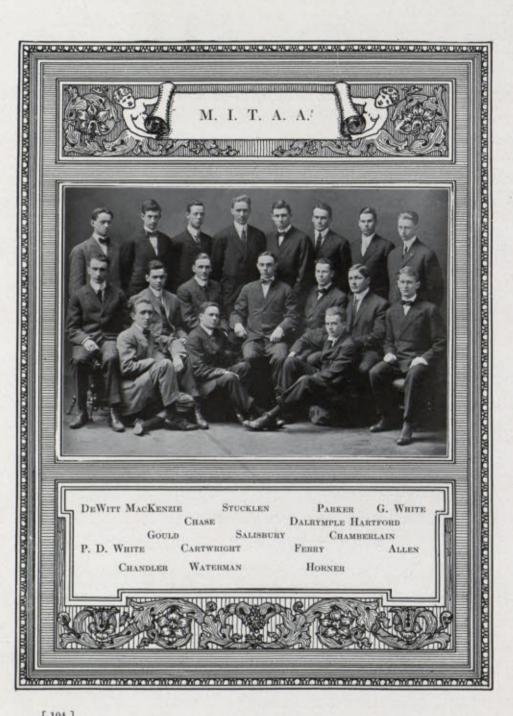
AMHERST BOWDOIN BROWN DARTMOUTH HOLY CROSS MAINE TECHNOLOGY TRINITY TUFTS

VERMONT WESLEYAN WILLIAMS WORCESTER P. I.

Championships

Dartmouth, 11 Amherst, 8 Williams, 2 Bowdoin, 1 Technology, 1 Brown Amherst Tied 1

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President

WILLIAM CONYNE SALISBURY, 1911

Vice-President

OLIN VIVIAN CHAMBERLIN, 1911

Secretary-Treasurer

HAROLD GEORGE WATKINS, 1912



W. C. Salisbury

O. V. Chamberlin

1911

WALTER DEFRIEZ ALLEN OLIN VIVIAN CHAMBERLIN JOHN DAVID MACKENZIE PETER DESMOND WHITE ERVEST WILLIAM DEWITT

1913

ELLIS WISWELL HARTFORD HALSEY BOARDMAN HORNER WALTER PAUL MUTHER CHARLES EUSTIS TRULL MAX LEON WATERMAN

Track Team

W. C. Salisbury, 1911, Captain H. S. Benson, 1912, Manager

Basket Ball

T. B. PARKER, 1911, Captain L. W. CHANDLER, 1912, Manager

Hockey

R. H. GOULD, 1911, Captain H. W. STUCKLEN, 1911, Manager Members

MENNETH CARTWRIGHT
PHILIP WHITE DALRYMPLE
EARL EMERSON FERRY
RALPH MONTAGUE FERRY
HAROLD GEORGE WAYKINS

1914

THOMAS LOCK CHASE CHARLES PARKER FISKE THEODORE HERVEY GUETHING CHARLES EPHRAIM FOX GORDON WINTHROP WHITE

Ex-officio Members

Tennis

F. W. COVILL, 1911, Captain T. B. Parker, 1911, Manager

Crew

W. N. Gere, 1912, Captain A. G. Herreshoff, 1912, Manager

Gym Team

B. Darrow, 1911, Captain W. D. Allen, 1911, Manager

Cross Country

H. S. Benson, 1912, Captain M. L. Waterman, 1913, Manager

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J. A. ROCKWELL



F. H. BRIGGS



J. L. BATCHELDER

Chairman

J. Arnold Rockwell, 1896

Secretary and Treasurer Frank H. Briggs, 1881

Representatives from the Alumni Association

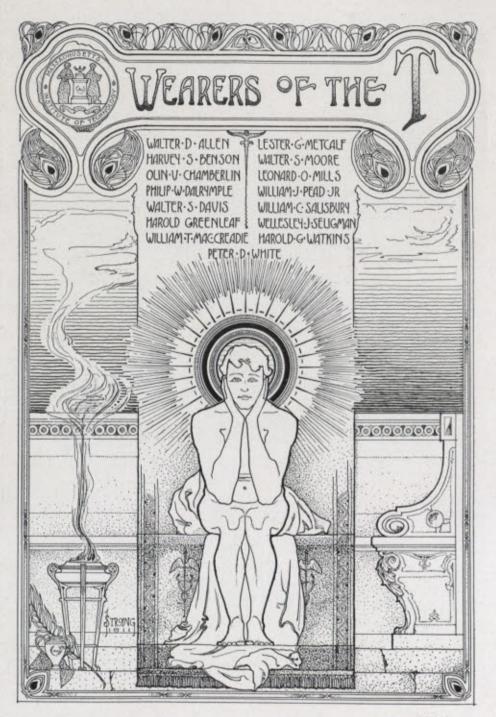
JOHN L. BATCHELDER, 1890

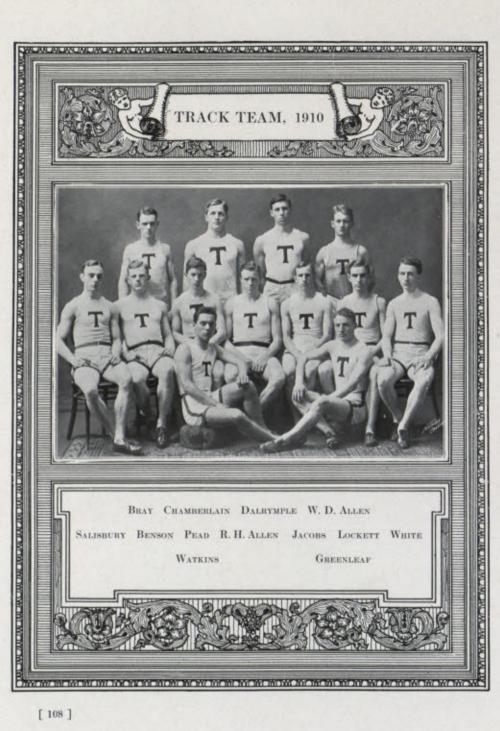
ALLEN W. Rowe, 1901

Representatives from the Athletic Association

Peter Desmond White, 1911 Richard Hartshorn Gould, 1911 Philip White Dalrymple, 1912

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Captain
RAYNOR HUNTINGTON ALLEN, 1910

Manager Harvey Smith Benson

Coach Frank Maurice Kanaly



R. H. Allen, Captain

H. S. Benson, Manager

Team

Walter Defriez Allen, 1911 Raynor Huntington Allen, 1910 Harvey Smith Benson, 1912 John Leighton Bray, 1912 Olin Vivian Chamberlin, 1911 Harold Greenleaf, 1912 ELMER JACOBS, 1910
HAROLD LOCKETT, 1910
WILLIAM JAMES PEAD, Jr., 1911
WILLIAM CONYNE SALISBURY, 1911
HAROLD GEORGE WATKINS, 1912
PETER DESMOND WHITE, 1911



DUPONT CUP



TECHNOLOGY FIELD

APRIL 23, 1910

35 ft. 9 in.

Time, Height, or Distances Events Places 100 Yards CHARLES E. TRULL, 1913 11 secs. HENRY G. BURNHAM, 1913 JOSEPH J. STRACHAN, 1913 JOHN S. GRANT, 1912 220 Yards WILLIAM C. SALISBURY, 1911 24 1-5 secs. RICHARD H. GOULD, 1911 HENRY G. BURNHAM, 1913 JOSEPH J. STRACHAN, 1913 WILLIAM C. SALISBURY, 1911 RICHARD H. GOULD, 1911 440 Yards 53 2-5 secs. HAROLD LOCKETT, 1910 HENRY C. FRISBIE, 1910 880 Yards Peter D. White, 1911 2 min. 6 secs. WALTER R. BYLUND, 1913 JOHN D. MACKENZIE, 1911 Ross D. Sampson, 1913 One Mile LEONARD O. MILLS, 1911 4 min. 41 1-5 secs. EDWARD B. GERMAIN, 1913 HARVEY S. BENSON, 1912 CALVIN P. ELDRED, 1911 HAROLD G. WATKINS, 1912 10 min. 14 secs. Two Miles EARL E. FERRY, 1912 ERNEST W. DEWITT, 1911 RALPH M. FERRY, 1912 120 Hurdles WILLIAM J. PEAD, Jr., 1910 16 3-5 secs. JOHN S. GRANT, 1912 220 Hurdles RAY H. ALLEN, 1910 27 secs. GEORGE B. CUMMINGS, 1910 WILLIAM J. PEAD, Jr., 1910

OLIN V. CHAMBERLIN, 1911

HERBERT S. GOTT, 1910 JOHN L. BRAY, 1912 JOHN BECKER, Jr., 1912

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Shot Put

Events	Places	Time, Height, or Distances
Hammer Throw	JOHN L. BRAY, 1912 OLIN V. CHAMBERLIN, 1911 NORMAN D. MACLEOD, 1913	113 ft. 7 in.
Discus	Norman D. MacLeod, 1913 Ray H. Allen, 1911 Olin V. Chamberlin, 1911 John L. Bray, 1912	103 ft. 6 in.
High Jump	PHILIP W. DALRYMPLE, 1912	5 ft. 6 in.
	HERBERT B. ALVORD, 1912 (RAY H. ALLEN, 1910	Tied
	Bradley Jones, 1910 Albert W. Andrews, 1911	Tied
Broad Jump	HAROLD GREENLEAF, 1912 RAY H. ALLEN, 1910 NORMAN D. MACLEOD, 1913 WILLIAM H. TORREY, 1913	19 ft. 6 in.
Pole Vault	WALTER D. ALLEN, 1911 HAROLD GREENLEAF, 1912 EDWARD MANGAN, 1912	11 ft.
	RALPH S. RANKIN, 1913 (Won by 1911	
	Summary of Points	
1910		
1911 1912		401/2
Batchelder	High Hurdles	Mills



HURD CUP PEAD



BATCHELDER CUP MILLS



ROCKWELL CUP SALISBURY



TWENTY-FOURTH ANNUAL MEET

TECHNOLOGY FIELD

MAY 20-21, 1910

Weather Conditions: Rain

Events	Places	College	Time, Height, Distance
100 Yards	ERNEST M. ROBERTS	Amherst	10 2-5 secs.
	Walter E. Robson	Wesleyan	
	EDWARD BALDWIN	Amherst	
	JOHN S. RUSSELL	Dartmouth	
220 Yards	Walter E. Robson	Wesleyan	22 4-5 secs.
	WILLIAM C. SALISBURY	Technology	
	LE ROY WOOD	Wesleyan	
	EDWARD BALDWIN	Amherst	
440 Yards	DONALD B. YOUNG	Amherst	51 secs.
	James D. Lester	Williams	
	LE ROY WOOD	Wesleyan	
	WILLIAM C. SALISBURY	Technology	
880 Yards	CHAUNCEY C. BAXTER	Dartmouth	2 min. 1 3-5 secs.
	PETER D. WHITE	Technology	
	FRANK E. FORTIER	Maine	
	RICHARD D. CAMPBELL	Williams	
One Mile	HENRY J. COLBATH	Bowdoin	4 min 27 3-5 secs.
	PAUL S. HARMON	Maine	
	WESTON M. HICKS	Maine	
	FLOYD I. NEWTON	Williams	
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Events	Places	College	Time, Height, Distance
Two Miles	HENRY J. COLBATH HAROLD G. WATKINS WINFIELD W. GREENE	Bowdoin Technology Brown	9 min. 56 1-5 sees
	George F. Simson	Williams	
120-Yard Hurdles	JAMES I. WENDALL	Wesleyan	16 2-5 secs.
	IRVING D. FISH	Williams	
	WILLIAM J. PEAD, Jr.	Technology	
	WILEY H. MARBLE	Brown	
220-Yard Hurdles	Sumner Edwards	Bowdoin	25 3-5 secs.
	Ernest M. Roberts	Amherst	
	Albert L. Gutterson	Vermont	
	WILEY H. MARBLE	Brown	
High Jump	EARL R. PALMER	Dartmouth	5 ft. 11 in.
	RICHARD D. ELY	Williams	
	JAMES R. MCKAY	Brown	
	JOHN B. THOMES	Dartmouth	
	SAMUEL A. HERRICK Tied	Colby	
	MARK W. BURLINGAME	Bowdoin	
Broad Jump	Albert L. Gutterson	Vermont	23 ft. 1 in.
and the same	ERNEST M. ROBERTS	Amherst	The state of the s
	LAWRENCE McFarland	Bowdoin	
	John Marks	Dartmouth	
Pole Wault	Oro E. Holdman	Dartmouth	11 ft. 8½ in.
. Oic France	GEORGE H. JENKS	Dartmouth	22.111.072.001
	HARRY WESSELS	Trinity	
	DANIEL N. MILES	Amherst	
	CLYDE L. DEMING Tied	Bowdoin	
	SAMUEL A. HERRICK	Colby	
Shot Put	CLIFTON C. CLOUGH	W. P. I.	40 ft. 11½ in.
Onot kut	GREGORY MASON	Williams	2010111/21111
	CLARKE W. TOBIN	Dartmouth	
	JAMES H. PARKINSON	Wesleyan	
	Withdraw At. A Children Co.	The second of the second	

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Places

GUY C. LEWIS

College

Time, Height, Distance

130 ft. 5 in.

Hammer Throw

Dartmouth Dartmouth

Discus Throw

LEON E. LOVEJOY

Williams Dartmouth

115 ft.

Summary of Points

Events	Dart- mouth	Bow- doin	Wes- leyan	Am- herst	Will- iams	M. I. T.	Ver- mont	Maine	W.P. I.	Brown	Tufts	Trin- ity	Colby	Holy
100 Yards 200 Yards 440 Yards 580 Yards One Mile Two Miles 120-Yard Hurdles, 120-Yar	1 - 5 - - - 5 ³ / ₄ 8 2 3 1	- - - 5 5 5 - - - - - - - - - - - - - -	372 5 1 1 5	7 1 5 3 3 3 3 3	- 3 1 1 1 3 - 3 - 3	3 1 3 - 3 2	111121511	2 5 5	1111115	2 1 1 84	3	2	34 34	
Totals	26%	26%	23	191/6	17	12	7	7	5	434	3	2	11/4	0



TECHNOLOGY FIELD

Ост. 22, 1910

Ezents	Places	Handicaps	Time, Height, or Distance
100 Yards	OBERLIN S. CLARK, 1911	6 yds.	10 3-5 secs.
	WILLIAM C. SALISBURY, 1911	1 yd.	
	Peter D. White, 1911	3 yds.	
	Joseph J. Strachan, 1913	2 1-2 yds.	
220 Yards	CHARLES E. TRULL, 1913	3 yds.	23 3-5 secs.
	Joseph J. Strachan, 1913	5 yds.	
	OBERLIN S. CLARK, 1911	12 yds.	
	BENJAMIN S. MUNCH, 1913	11 yds.	
440 Yards	WILLIAM C. SALISBURY, 1911	Scratch	53 1-5 secs.
	Theodore H. Guething, 1914	Scratch	
	WALTER R. BYLUND, 1913	12 yds.	
	Ross D. Sampson, 1913	25 yds.	
880 Yards	EUGENE T. MARCEAU, 1911	20 yds.	2 min. 3 3-5 secs.
	LEONARD O. MILLS, 1911	10 yds.	
	Peter D. White, 1911	Scratch	
	VOLANT V. BALLARD, 1912	40 yds.	
One Mile	HENRY C. DAVIS, 1911	Scratch	4 min. 43 1-5 sees
	Harvey S. Benson, 1912	12 yds.	
	Alfred S. Milliken, 1913	50 yds.	
	RALPH M. FERRY, 1912	55 yds.	
Two Miles	ROBERT D. BONNEY, 1913	80 yds.	10 min. 27 secs.
	Gale C. Shedd, 1914	70 yds.	
	HAROLD G. WATKINS, 1912	Scratch	
	EARL E. FERRY, 1912	85 yds.	
120-Yard Hurdles	WILLIAM J. PEAD, Jr., 1911	Scratch	172-5 secs.
	JOHN S. GRANT, 1912	10 yds.	
	THOMAS L. CHASE, 1914	12 yds.	
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Events	Places	Handicaps	Time, Height, or Distance
220-Yard Hurdles	JOHN S. GRANT, 1912	15 yds.	28 secs.
	George B. Cumings, 1911	Scratch	
	WILLIAM J. PEAD, Jr., 1911	Scratch	
High Jump	PHILIP W. DALRYMPLE, 1912	Scratch	5 ft. 7 1-2 in.
ASSESSMENT OF	RICHARD H. GOULD, 1911	2 in.	
	HALL, 1914	4 in.	
	LEONARD O. MILLS, 1911	3 in.	
Broad Jump	FREDERICK J. SHEPARD, 1912	Scratch	19 ft. 2 in.
	THEODORE H. GUETHING, 1914	3 in.	
	NORMAN D. MACLEOD, 1913	6 in.	
Shot Put	NORMAN D. MACLEOD, 1913	4 in.	35 ft. 6 in.
	JOHN L. BRAY, 1912	Scratch	
	LESTER G. METCALF, 1912	1 ft. 6 in.	
	THEODORE H. GUETHING, 1914	3 ft. 6 in.	
Hammer Throw	LESTER G. METCALF, 1912	Scratch	112 ft. 1 in.
	JOHN L. BRAY, 1912	Scratch	
	NORMAN D. MACLEOD, 1913	20 ft.	
Discus Throw	Walter D. Allen, 1911	28 ft.	97 ft. 9 in.
	LESTER G. METCALF, 1912	12 ft.	
	NORMAN D. MACLEOD, 1913	Scratch	
	PHILIP W. DALRYMPLE, 1912	20 ft.	
Pole Vault	EDWARD MANGAN, 1912	11 in.	10 ft. 11 in.
	WILLIAM C. SALISBURY, 1911	2 in.	
	WALTER D. ALLEN, 1911	Scratch	
	Summary of Points		
1912			. 53
			*01/
			The Contract of the Contract o
			101/

WESLEYAN-TECHNOLOGY DUAL MEET ©

MIDDLETOWN, CONN.

MAY 7, 1910

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Weather Conditions: Bright and Clear

	reaction Contin	cions. Dright and Cicar	
100 Yards	Robson	Wesleyan	10 1-5 secs.
	TRULL	Technology	
	Hastings	Wesleyan	
220 Yards	Robson	Wesleyan	22 1-5 secs.
	BURNHAM	Technology	
	TRULL	Technology	
440 Yards	Salisbury	Technology	52 secs.
	Wood	Wesleyan	
	GOULD	Technology	
880 Yards	WHITE	Technology	2 min. 4 1-5 secs.
	BYLUND	Technology	
	Sampson	Technology	
One Mile	Mills	Technology	4 min. 41 3-5 secs.
	GERMAIN	Technology	
	Harris	Wesleyan	
Two Miles	WATKINS	Technology	10 min. 11 3-5 sees.
	E. Ferry	Technology	
	Connor	Wesleyan	
120-Yard Hurdles	PEAD	Technology	16 3-5 secs.
	WENDELL	Wesleyan	
	BACON	Wesleyan	
220-Yard Hurdles	BACON	Wesleyan	26 secs.
	Cumings	Technology	
	PEAD	Technology	
High Jump	DALRYMPLE	Technology	5 ft. 8 1-4 in.
	WRIGHT	Wesleyan	5 ft. 6 1-4 in.
	ALVORD SUTHERLAND	Technology }	Tied 5 ft. 4 1-4 in.
	SUTHERLAND	Wesleyan	

Broad Jump	GREENLEAF	Technology	20 ft. 1 1-2 in.
	ALLEN	Technology	19 ft. 10 in.
	Нпл	Wesleyan	19 ft. 2 in.
Pole Vault	GREENLEAF	Technology	10 ft. 9 in.
	ALLEN	Technology	10 ft. 6 in.
	BOYD	Wesleyan)	
	Harmon	Wesleyan 5	Tied 10 ft.
Shot Put	Parkinson	Wesleyan	40 ft. 4 1-2 in.
	Bacon	Wesleyan	38 ft. 9 in.
	Chamberlin	Technology	38 ft.
Hammer Throw	Bray	Technology	116 ft. 10 in.
	BERNHART	Wesleyan	108 ft. 3-4 in. ⁷⁷
	CHAMBERLIN	Technology	102 ft. 5 1-2 in.
Discus Throw	CHAMBERLIN	Technology	115 ft. 2 1-2 in.
	HANNA	Wesleyan	106 ft. 1-2 in.
	PARKINSON	Wesleyan	104 ft. 6 1-2 in.

Summary of Points

Exents	Technology	Wesleyan
100 Yards	3	6
220 Yards	4	5
440 Yards	6	3
880 Yards	9	0
One Mile	8	1
Two Miles	8	1
120-Yard Hurdles	5	4
220-Yard Hurdles	4	5
High Jump	51/2	31/2
Broad Jump	8	1
Pole Vault	8	1
Shot Put	1	8
Hammer Throw	6	3
Discus Throw	5	4
	801/2	451/2

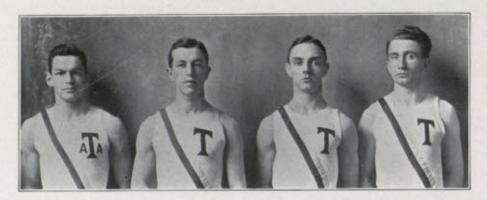


Total Control of the	
TECHNOLOGY	GYMNASIUM

- 7			per .	
	A SCITT	ATEN	7	1911
	17 CT 10	CALL A		AUAA

TECHNOLOGY GYMNAS	SIUM	JANUARY 7, 1911
Events 35 Yards	Winners JOHN S. GRANT, 1912 EDMOND W. BOWLER, 1914 WILLIAM C. SALISBURY, 1911 LOUIS A. WILSON, 1914	Time, Height, or Distance 4 2-5 secs.
440 Yards	WILLIAM C. SALJSBURY, 1911 ROLAND C. THOMPSON, 1913 BENJAMIN S. MUNCH, 1913 GEORGE B. CUMINGS, 1911	58 2-5 secs.
880 Yards	LEONARD O. MILLS, 1911 EUGENE T. MARCEAU, 1912 WALTER R. BYLUND, 1913 ROSS D. SAMPSON, 1913	2 min. 12 2-5 secs.
One Mile	LEONARD O. MILLS, 1911 HAROLD G. WATKINS, 1912 GALE C. SHEDD, 1914 EARL E. FERRY, 1912	4 min. 51 4-5 secs.
40-Yard Hurdles	JOHN S. GRANT, 1912 WILLIAM J. PEAD, Jr., 1911 THOMAS L. CHASE, 1914	6 secs.
Running High Jump	PHILIP W. DALRYMPLE, 1912 LESLIE S. HALL, 1914 HERBERT B. ALVORD, 1912 THOMAS L. CHASE, 1914	5 ft. 6 in.
Pole Vault	WILLIAM C. SALISBURY, 1911 WALTER D. ALLEN, 1911 HAROLD GREENLEAF, 1912 EDWARD MANGAN, 1912	10 ft. 3 in.
Shot Put	OLIN V. CHAMBERLIN, 1911 NORMAN D. MACLEOD, 1913 ROGER M. FREEMAN, 1913 PAUL B. OWEN, 1914	36 ft. 11 1-2 in. 34 ft. 7 in. 32 ft. 4 1-2 in. 31 ft. 1 1-2 in.
440 Yards	Summary of Points 1911 2 6 5 5 8 3 Jump 8 5 34	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

ONE-MILE OUTDOOR RELAY TEAM



GOULD

MILLS

SALISBURY

WHITE

ONE-MILE INDOOR RELAY TEAM



GUETHING

Benson

SALISBURY

KANALY

CUMINGS

THOMPSON

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PHILADELPHIA, PA.

APRIL 30, 1910

ONE-MILE OUTDOOR RELAY TEAM, 1910

WILLIAM CONYNE SALISBURY, 1911, Captain RICHARD HARTSHORN GOULD, 1911 LEONARD OLIVER MILLS, 1911 PETER DESMOND WHITE, 1911 HARVEY SMITH BENSON, 1912, Manager

Coach

FRANK M. KANALY

PENNSYLVANIA RELAY CARNIVAL (16th Annual Carnival)

APRIL 30, 1910

Intercollegiate Championship: First, Pennsylvania; second, Michigan; third, Cornell; fourth, Chicago; fifth, Princeton; sixth, Technology; seventh, Illinois; eighth, Virginia; ninth, Dartmouth.

Won Class "B" race from Syracuse by default,

ONE-MILE INDOOR RELAY TEAM

Opponent: HARVARD

ARMORY A. A., PROVIDENCE, R.I.

JANUARY 28, 1911

Won by Technology. Time, 2 min. 45 2-5 sees.

Team

ROLAND CHARLES THOMPSON, 1913 GEORGE BRADLEY CUMINGS, 1911 WILLIAM CONYNE SALISBURY, 1911, Captain Theodore Hervey Guething, 1914

Distance, 4-5 miles. Each man ran 1-5 mile.

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ONE-MILE INDOOR RELAY TEAM



Benson

THOMPSON

SALISBURY

WHITE

GUETHING

KANALY

TWO-MILE INDOOR RELAY TEAM



SAMPSON

MILLS

WHITE

MARCEAU

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RELAY TEAMS-Continued

ONE-MILE INDOOR RELAY TEAM

Opponent: DARTMOUTH

B. A. A. INDOOR MEET, BOSTON

FEBRUARY 11, 1911

Won by Technology. Time, 3 min. 9 1-5 secs.

ROLAND CHARLES THOMPSON, 1913 PETER DESMOND WHITE, 1911 WILLIAM CONYNE SALISBURY, 1911, Captain Theodore Hervey Guething, 1914

Distance, 1560 yds. Each man ran 390 yds.

Opponents: CORNELL, SYRACUSE

MADISON SQUARE GARDENS, NEW YORK

FEBRUARY 18, 1911

Won by Technology. Cornell, second; Syracuse, third. Time, 3 min, 29 secs.

TWO-MILE INDOOR RELAY TEAMS

Opponent: HARVARD

PROVIDENCE, R.I.

JANUARY 28, 1910

Won by Harvard. Time, 6 min. 19 2-5 secs.

LEONARD OLCOTT MILLS, 1911 ROSS DARLTON SAMPSON, 1913 EUGENE THEODORE MARCEAU, 1912 PETER DESMOND WHITE, 1911

Distance, 1 3-5 miles. Each man ran 2-5 mile.

Opponent: CORNELL

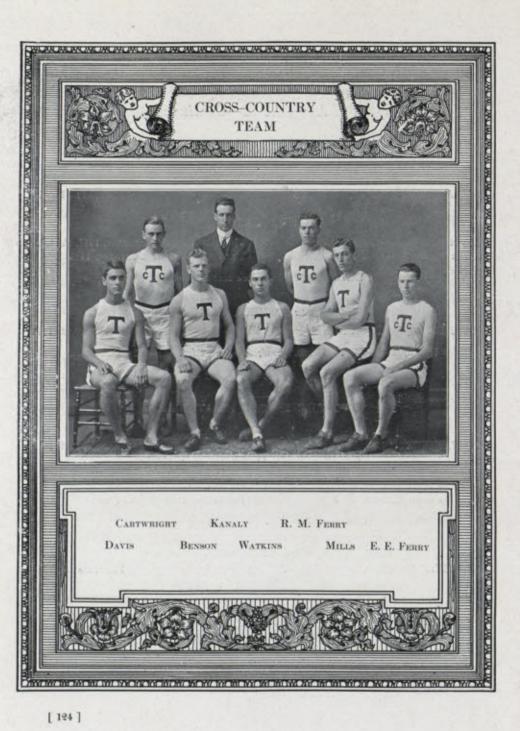
ATHLETIC CARNIVAL, TROY, N.Y.

FEBRUARY 22, 1911

Won by Cornell. Time, 8 min. 13 2-5 secs.

Ross Darlton Sampson, 1913 Edward Bennett Germain, 1913 EUGENE THEODORE MARCEAU, 1912 PETER DESMOND WHITE, 1911

Distance, 2 miles, Each man ran 1/2 mile,







Manager Benson

Captain

HAROLD GEORGE WATKINS, 1912

Manager

HARVEY SMITH BENSON, 1912



Captain WATKINS

Coach

FRANK MAURICE KANALY

Team

Harvey Smith Benson, 1912 Kenneth Cartwright, 1912 Walter Swindell Davis, 1911 Earl Emerson Ferry, 1912 Ralph Montague Ferry, 1912 Leonard Olcott Mills, 1911 Harold George Watkins, 1912

October 29, 1910

Technology vs. Harvard Won by Harvard

November 4, 1910

Technology-Brown-Tufts
Brown first, M. I. T. second, Tufts third

November 12, 1910

Intercollegiate Cross-Country Run Cornell, Harvard, Yale, Michigan, Technology

TECHNOLOGY-HARVARD CROSS-COUNTRY RACE

OCTOBER 29, 1910

Won by Harvard Chestnut Hill, Harvard Course Score, 36 to 43 5½ miles

Twelve men run on each team. First six to finish for each team score.

- 1. HERBERT JAQUES, Jr., Harvard
- 2. HARVEY P. LAWLESS, Harvard
- 3. PAUL R. WITHINGTON, Harvard
- 4. HAROLD G. WATKINS, Technology
- 5. Walter S. Davis, Technology
- 6. Harvey S. Benson, Technology
- 7. LEONARD O. MILLS, Technology

- 8. EARL E. FERRY, Technology
- 9. Herbert L. Groves, Harvard
- 10. Shepley Nichols, Harvard
- 11. EDWARD L. VIETS, Harvard
- 12. CHARLES W. BURRAGE, Harvard
- 13. Kenneth Cartwright, Technology

Time, 31 min. 5 4-5 sees.



INTERCOLLEGIATE CROSS-COUNTRY RACE

Under the auspices of the I. C. A. A. A. A.

PRINCETON, NEW JERSEY

NOVEMBER, 1910

	Summary of Points		
College		Positions Won	Score
1. Cornell	1	2 8 12	14 37
2. Harvard	3	4 6 27	30 70
S. YALE		7 13 23	25 73
4. Michigan	11	16 18 20	21 86
5. Technology	10	19 28 31	32 120
6. Princeton	17	24 35 45	50 171
7. Pennsylvania	9	22 44 56	0 193
8. Dartmouth	34	40 46 47	54 221
9. Columbia		42 43 48	58 230
10. C. C. N. Y		60 0 0	0 308

Individual Winners

J. P. Jones	Cornell, 1st	H. P. LAWLESS	Harvard, 3d
T. S. Berna	Cornell, 2d	H. JAQUES	Harvard, 4th

Order of Finish of Tech Team

- 10. LEONARD OLCOTT MILLS, 1911
 31. HAROLD GEORGE WATKINS, 1912

 19. EARL EMERSON FERRY, 1912
 32. HARVEY SMITH BENSON, 1912

 20. W. Company Dates 1911
 53. Kinggood Company 1912
- 28. Walter Swindell Davis, 1911
- 32. Harvey Smith Benson, 1912 52. Kenneth Cartwright, 1912



AT THE START

BROWN-TECHNOLOGY-TUFTS CROSS-COUNTRY RACE

NOVEMBER 4, 1910

Won by Brown; Technology second; Tufts third

Score 29-34-85

Course from Highland Station to Technology Field

Distance, 41/4 miles

Weather Conditions: Cold, Heavy Rain

Ten men run on each team. First five to finish for each team score.

1. N. S. Taber, 1913 (Brown)

2. W. S. Davis, 1911 (Tech)

3. T. H. Roberts, 1913 (Brown)

4. L. N. SINE, 1911 (Brown)

5. H. G. WATKINS, 1912 (Tech)

6. R. ATWATER, 1913 (Tufts)

7. F. E. ROPER, 1911 (Brown)

8. H. S. Benson, 1912 (Tech)

9. R. M. FERRY, 1912 (Tech)

10. L. O. Mills, 1911 (Tech)

11. K. Cartwright, 1912 (Tech)

12. R. D. BONNEY, 1913 (Tech)

E. E. Ferry, 1912 (Tech)

14. A. N. Cook, 1914 (Brown)

15. A. F. NYE, 1914 (Tech)

E. M. Towne, 1911 (Tufts)

17. P. JETTER, 1914 (Brown)

18. R. D. VAN ALSTINE, 1912 (Tech)

25 min. 26 1-5 secs.

25 min. 33 2-5 secs.

25 min. 37 4-5 secs.

25 min. 44 4-5 secs.

25 min. 53 secs.

25 min. 53 1-5 secs.

25 min. 53 2-5 secs.

25 min. 53 2-5 secs.

26 min. 1 1-5 secs.

26 min. 1 4-5 secs.

26 min. 33 2-5 secs.

26 min. 38 4-5 secs.

26 min. 44 1-5 secs.

26 min. 48 2-5 secs.

27 min. 1 1-5 secs.

Time, 25 min. 26 1-5 secs.

Record for race, 23 min. 2-5 secs. Made by Herbert Jaques (Harvard), November 6, 1908.

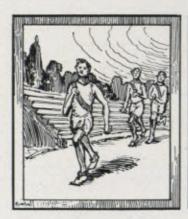
INTER-COURSE CROSS-COUNTRY RACE

APRIL 2, 1910

Place	Name and Class	Course	Time
1	HAROLD G. WATKINS, 1912	I.	25 min. 12 secs.
2	EARL E. FERRY, 1912	VI.	25 min. 53 secs.
3	ERNEST W. DEWITT, 1911	II.	26 min. 5 secs.
4	RALPH M. FERRY, 1912	II.	26 min. 15 3-5 secs.
5	HARVEY S. BENSON, 1912	II.	26 min. 25 2-5 secs.
6	Kenneth Cartwright, 1912	II.	26 min. 36 secs.
7	WALTER R. BYLUND, 1913	П.	26 min. 47 secs.
8	ROBERT D. BONNEY, 1913	III.	27 min. 19 3-5 sees.
9	ROBERT E. WHIPPLE, 1912	III.	27 min. 45 3-5 secs.
10	EUGENE L. MACDONALD, 1913	1.	27 min. 47 3-5 secs.
11	ROBERT W. WEEKS, 1913	VI.	28 min. 17 3-5 secs.
12	FOSTER RUSSELL, 1911	II.	28 min. 27 secs.
13	David V. Nason, 1913	X.	28 min. 39 2-5 secs.
14	LAURENCE C. HART, 1913	XI.	28 min. 56 2-5 secs.
15	George H. Magee, 1910	II.	29 min. 3 secs.
16	STANLEY E. BATES, 1911	I.	29 min. 39 3-5 secs.
17	CYRUS N. WHITE, 1911	XI.	30 min. 4 secs.
18	WILLIAM A. RHODES, 1912	VI.	30 min. 36 2-5 secs.
19	Paul R. Williamson, 1912	I.	30 min. 55 secs.
20	HENRY M. FOLEY, 1912	VI.	31 min. 9 secs.

Score

Courses I and VI, 58; II, 37; others, 82



HARE AND HOUND



President

HAROLD GEORGE WATKINS, 1912

Chase Captain

ERNEST WILLIAM DEWITT, 1911

Assistant Chase Captain

RALPH MONTAGUE FERRY, 1912



R. M. FERRY

E. W. DEWITT

Members

Francis H. Achard, 1913
Volant V. Ballard, 1912
Ralph D. Bates, 1912
Harvey S. Benson, 1912
Suren Bogdasarian, 1911
Robert D. Bonney, 1913
Charles H. Carpenter, 1912
Ernest W. DeWitt, 1911
Calvin P. Eldred, 1911
Larle E. Ferry, 1912
Ralph M. Ferry, 1912
Jesse F. Hakes, 1912
Louis G. Harris, 1913
Harold S. Lord, 1911

Eugene L. Macdonald, 1913 George H. Magee, 1910 Leonard O. Mills, 1911 Earl M. Newlin, 1914 Alfred F. Nye, 1914 Gilbert R. Pardey, 1913 Foster Russell, 1911 Paul M. Scherwin, 1914 Gale C. Shedd, 1914 Ralph F. Symonds, 1912 Roy D. Van Alstine, 1912 Harold G. Watkins, 1912 Robert W. Weeks, 1913 Cyrus N. White, 1911

ROBERT E. WHIPPLE, 1912

Schedule of Hare and Hounds Runs

Hyde Park					-		1		1	1		October 1, 1910
Wellesley .				. 4	100							October 8, 1910
Wakefield .	2	0			15		4			,	-	October 15, 1910
West Roxbur												November 6, 1910
Handicap Ra												November 19, 1910

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ANNUAL HANDICAP CROSS-COUNTRY RACE



G. C. SHEDD

A. F. NYE

West Roxbury Course

Order of Finish
GALE C. SHEDD, 1914
ALFRED F. NYE, 1914
ROBERT D. BONNEY, 1913
Louis G. Harris, 1913
SUREN BOGDASARIAN, 1911
LEONARD O. MILLS, 1911
EARL E. FERRY, 1912
EUGENE L. MACDONALD, 1913
ERNEST W. DEWITT, 1911
FOSTER RUSSELL, 1911
PAUL M. SCHERWIN, 1914
Francis H. Achard, 1913

NOVEMBER 19, 1910

Handicap	Elapsed Time
3 min. 15 secs.	51 min. 33 secs.
3 min.	51 min. 35 secs.
3 min.	52 min. 48 secs.
3 min.	53 min. 48 secs.
5 min.	53 min. 51 secs.
Scratch	55 min. 7 secs.
Scratch	55 min. 8 secs.
5 min.	55 min. 12 sees.
2 min.	55 min. 26 secs.
4 min.	56 min. 28 secs.
5 min. 30 secs.	61 min. 26 4-5 se
5 min.	

Distance, 8 miles

- 4	Actual	Ti	me.
49	min.	18	secs.
49	min.	5	secs.
50	min.	18	secs.

Winners of the Cups

Time Prize		1	1			33	1	1	4	1	10	10		Alfred Francis Nye, 1914
First Prize	4			e v		- 10				16			4	GALE COLBURN SHEDD, 1914
Second Prize					-	10		2						ROBERT DALAND BONNEY, 1913

Record for the course, 46 min. 23 secs. Held by H. H. HOWLAND, 1909



FIRST PRIZE Won by SHEDD

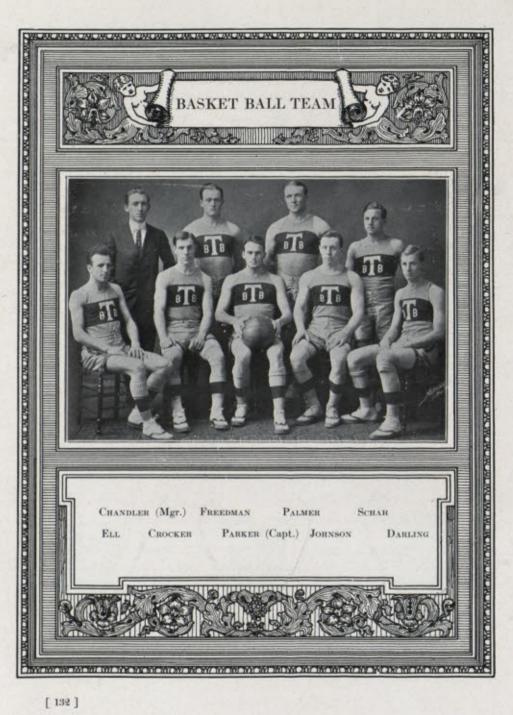


TIME PRIZE CUP Won by NYE



SECOND PRIZE CUP Won by BONNEY

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Captain

THEODORE BISSELL PARKER, 1911

Manager

LEROY WILDER CHANDLER, 1912



Captain PARKER

Team

HAROLD FREEMAN JOHNSTON, 1913		***										Forward and Centre
CARL STEVENS ELL, 1911		70		40	65			-				Forward and Centre
Alanson Llewellyn Palmer, 1912			1	0	9	1	1	12		10	8	Forward
THEODORE BISSELL PARKER, 1911			8	100		4	8	×	6	*	08	Forward and Centre
ROBERT SAMUEL SCHAR, 1912			16			4		P.	-3	32		Back
HAROLD SIMPSON CROCKER, 1913	3			-	T.			1	1	(2)	- 1	Back
George Shove Darling, 1913 Abram James Freedman, 1912							1		15			Back
ANDROM GAMES I REEDMAN, 1812	-		19	4	4	4	4	-			100	Dack

Schedule

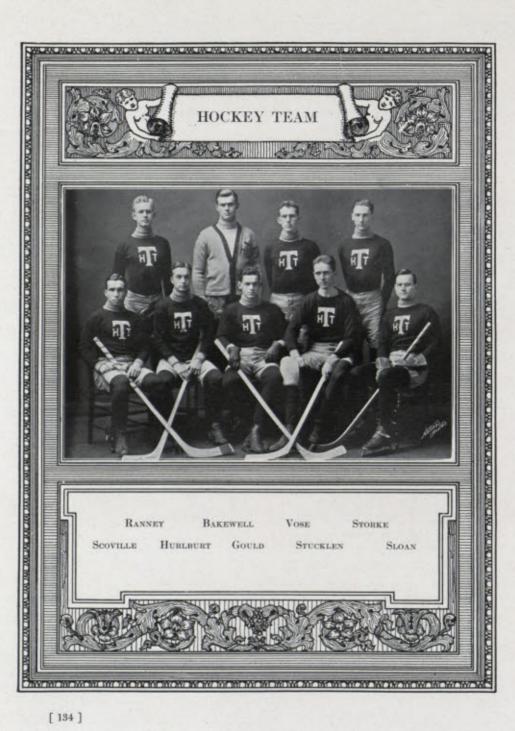
																Tech (Opponents
December	21, 1910	Boston College			 								U			46	35
December	23, 1910	Brooklyn Polytechnic	300			900	100	- 27	0.70							18	13
December	24, 1910	City College of New	Ye	rk			400									20	23
January	4, 1911	Boston College		-							100		100			Cancelle	1
January	7, 1911	Dartmouth College						18					9			14	20
January	14, 1911	Brown University .			 								į.			26	15
January	26, 1911	Syracuse University						1								20	25
January	27, 1911	Rensselaer Polytechn	ic		55%	3										19	20
January	28, 1911	Union College									100					13	23
February	4, 1911	Williams College	4												Ü	16	23
February	11, 1911	Brown University														16	21
February	17, 1911	Tufts College	-				CO.		12	10	1	3/9	9		9	30	13
February	21, 1911	Wesleyan University	200				-116	10								19	33
February		Dartmouth College	W.T.					100	98						7	8	35
February		Rhode Island State C	oll	ege		-				4				1		Cancelled	1
February	28, 1911	Tufts College	400	.33			-					101				19	17

Games won, 5

Games lost, 9

Points for the Season: Technology, 284. Opponents, 316

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HOCKEY TEAM





Captain

RICHARD HARTSHORN GOULD, 1911

Manager

HENRY WILLIAM STUCKLEN, 1911



Captain GOULD

Manager Stucklen

T_{c}	an	۰

VERNON GREGORY SLOAN, 1912 HENRY WILLIAM STUCKLEN, 1911 FREDERICK LEWIS HURLBUTT, 1914 JOHN HARRIS SCOVILLE, 1911 HAROLD GREY STORKE, 1914	}		183				10.2	-	100	4	. Fo	rwards
RICHARD HARTSHORN GOULD, 1911	-	v::0	200	150	* *						Cove	r Point
Approp Williams Vose 1019	1											Points
DONALD CAMPBELL BAKEWELL, 1912			***		505		*					Goal

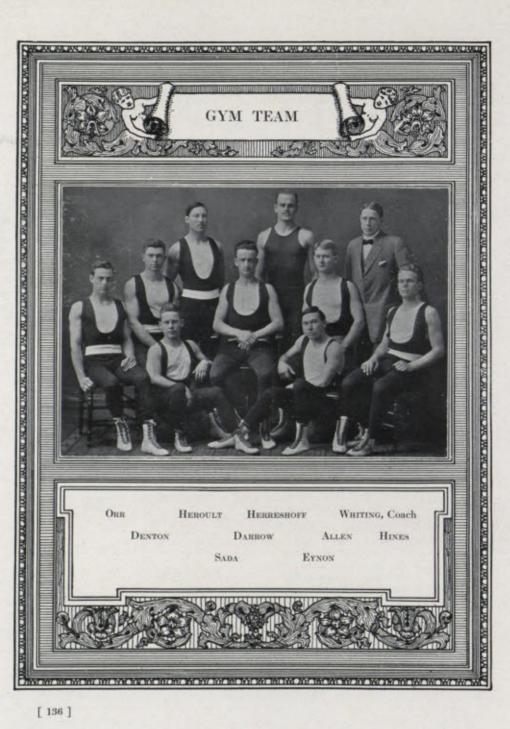
Schedule

		Tech.	Opponents.
December 7	Crescent Hockey Club at Boston Arena	7	6
	Boston Hockey Club at Boston Arena		8
December 14	Harvard at Boston Arena	3	4
January 2	Dartmouth at Boston Arena	3	1
January 6	Louden Field Club at Albany	5	8
January 7	Louden Field Club at Albany	5	4
	Massachusetts Agricultural College, Amherst		3
February 11	Providence Hockey Club, Providence	2	6
February 16	Williams at Boston Arena	12	3
February 24	Crescents of Halifax at Boston Arena	4	6
	Totals	45	49

Games won, 5

Games lost, 5

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Captain

BURGESS DARROW, 1911

Manager

WALTER DEFRIEZ ALLEN, 1911

Coach

MR. L. D. WHITING



W. D. ALLEN

B. DARROW

Members

WALTER DEFRIEZ ALLEN, 1911 STANLEY MUNROE BAXTER, 1913 BURGESS DARROW, 1911 WILLIAM BYERS DENTON, 1911 STUART J. EYNON, 1913, Assistant Manager PAUL ARTHUR HEROULT, 1914 JOHN WILLIS HINES, 1914 JAVIER J. SADA, 1913 EDWARD BAKER SEBBEN, 1914 SCOTT WESLEY ORR, 1913

Meets

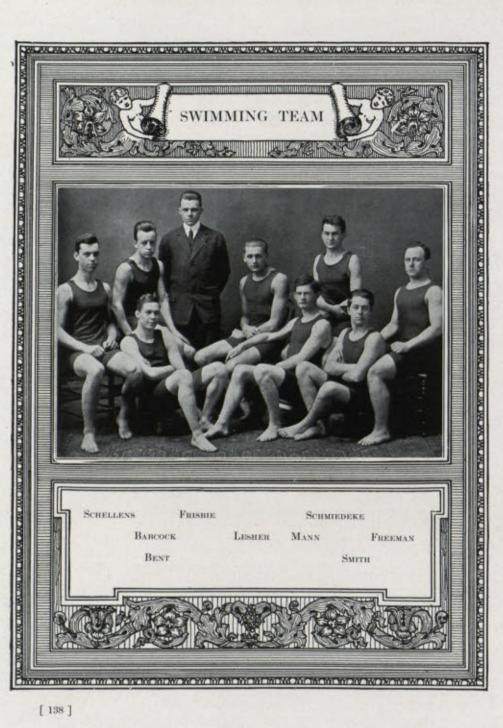
December 22, 1910 Annual Exhibition and Meet, Tech Gym February 10, 1911 Exhibition, Malden Y. M. C. A. February 17, 1911 Technology vs. Amherst Won by Amherst February 24, 1911 Technology vs. Salem Y. M. C. A. Won by Technology 331/2-191/2 March 8, 1911 Exhibition, Cunningham Gym, East Milton March 11, 1911 Exhibition, Newton High School

Points for the Season

Technology, 501/2

Opponents, 561/2

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Captain

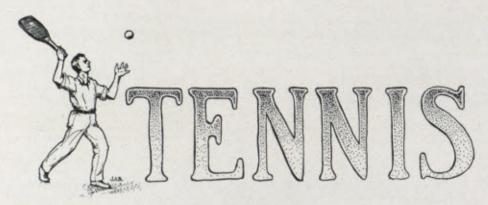
ROBERT ALLEN LESHER, 1913

Manager

HENRY CHARLES FRISBIE, 1911

Members

Henry Andrews Babcock, 1912
Donald Earl Bent, 1912
Roger Morse Freeman, 1913
Robert Allen Lesher, 1913
Earnest Wilkins Mann, 1914
Frederick Mackentepe, 1914
Christopher Avery Schellens, 1910
William Schmiedeke, 1913
Charles Albert Smith, 1912
Marquis Seymoure Smith, 1914





F. W. COVILL, 1911

OFFICERS

President

FREDERICK WILLIAM COVILL, 1911

Vice-President

CLARENCE RICHARDSON WOODWARD, 1912

Manager

THEODORE BISSELL PARKER

Spring Tournament, 1910

Final Round: T. B. PARKER defeated F. W. COVILL, 3-6, 7-5, 6-2, 4-6, 6-4

Fall Tournament, 1910

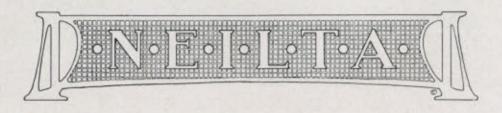
Singles

Final Round: C. R. WOODWARD and T. B. PARKER left in finals. Not finished

Doubles

Final Round: C. P. Kerr and T. B. Parker defeated W. N. Holmes and C. R. Woodward 6-3, 6-3, 6-1

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OFFICERS

President

F. H. HARRIS, Dartmouth

Vice-President

R. W. NELSON, Trinity

Secretary-Treasurer

T. B. PARKER, Technology

Results of Tournament, 1910

Singles

Semi-finals	Finals	Winner		
SMITH, Dartmouth HOLTON, Wesleyan	SMITH, Dartmouth	H D 11		
Harris, Dartmouth Bacon, Wesleyan	HARRIS, Dartmouth	Harris, Dartmou		

Doubles

Final Round: Holton and Bacon, Wesleyan, defeated Benton and Oakley, Williams

Present Standing of Colleges in Competition for 8 Point Cup

Dartmouth		716	Amherst
	1939, 294 July 1934		Bowdoin
Technology	PART EN PRODE BUTCH	6	Tufts
Brown	Variation	4	Trinity 0
			Vermont 0





Manager ALEXANDER G. HERRESHOFF Captain WARD N. GERE Coach WILLIAM O'LEARY

	Crew		
Position	Name	Weight	Height
Bow	EDWIN OSGOOD UPHAM, 1912	176 lbs.	6 ft. 2 in.
2	HERBERT SYDNEY GOTT, 1910	158 lbs.	5 ft. 10 in.
3	WALTER MORLEY RUBY, 1912	178 lbs.	6 ft. 3 in.
4	JOHN EDDY WHITTLESEY, 1912	165 lbs.	6 ft. 1 in.
5	Stewart Ross Robinson, 1912	180 lbs.	6 ft. 3 in.
6	WILLIAM ELLSWORTH BARNES, Jr., 1912	180 lbs.	6 ft. 0 in.
7	ALEXANDER GRISWOLD HERRESHOFF, 1912	176 lbs.	6 ft. 1 in.
Stroke	WARD NELSON GERE, 1912	176 lbs.	6 ft. 1 in.
Coxswain	EVERETT BROCKWAY WETTENGEL, 1912	112 lbs.	5 ft. 4 in.
	Average	1731 lbs.	6 ft. 11 in.

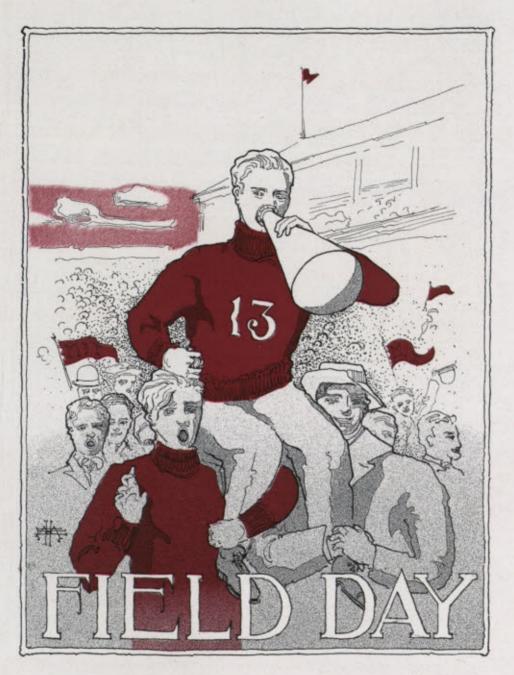
Date	Races	Won by	Distance	Lead at Finish
May 5, 1910	M. I. T. vs. Harvard Juniors	M. I. T.	17 miles	4 lengths
May 13, 1910	M. I. T. vs. Union Boat Club	U. B. C.	1 mile	1/2 length
May 17, 1910	M. I. T. vs. Union Boat Club	M. I. T.	1 ¹ miles	3/4 length
May 20, 1910	M. I. T. vs. Union Boat Club	M. I. T.	1 miles	2 lengths
May 30, 1910	M. I. T. rs. Newell Boat Club	M. I. T.	1½ miles	10 lengths

Fall, 1910

On October 12, 1910, M. I. T. entered a four-oared crew in the New England Amateur Rowing Association Regatta against the Jeffries Point Boat Club. The decision was given to the Jeffries Point Boat Club on account of a collision about 200 feet from the finish, although the crews were nearly even at the time and M. I. T. had gained rapidly for the last quarter-mile.

The oarsmen were W. N. Gere, bow; W. M. Ruby, 2; W. E. Barnes, Jr., 3; and E. C.

UPHAM, stroke.





EVER in the history of the Institute has Field Day been observed under more adverse conditions than that of 1910. A pouring rain and a strong wind made a heavy track, and pools of water covered most of the field. The expression "wade in" was indeed in keeping with the events of the day, and it was an extremely ludicrous sight to see the two football teams line up opposite

each other with a veritable lake separating them. The first quarter of the football game was started by Captain Owen, 1914, kicking off to Gage, 1913, who caught the pigskin on the 25-yard line. On the second play the sophomores fumbled, the freshmen recovering the ball, but they could not gain, and were forced to punt. Then the speedy backs of 1913 rushed the ball down the field, Goff finally placing it on the 2-yard line. From here Captain Eichorn scored the first touchdown, but the goal was missed. Score: 1913, 5; 1914, 0.



A few moments later twenty-six freshmen, decked out in new jerseys, came plunging through the mud and water, dragging behind them on a long rope twenty-six sophs, equally well arrayed, and the first pull of the tug-o'-war was on. For a while after the pistol shot it looked like a freshman win, but they were soon deterred from their onward course, and were at last pulled over the sophomore mark,

being too light and not equal to their well-drilled opponents.

The second quarter of the football game followed this, and the sophs immediately began a victorious struggle toward the freshman goal. Goff, Wilfert, and Eichorn made the gains. In crossing the line, Eichorn fumbled and again recovered, but the score was not counted, the referee claiming that the ball had rolled over the line. The freshmen could not advance from the 25-yard line where the ball was put in play, so they punted to 1913 on the freshmen 40-yard line. Here the second quarter ended.

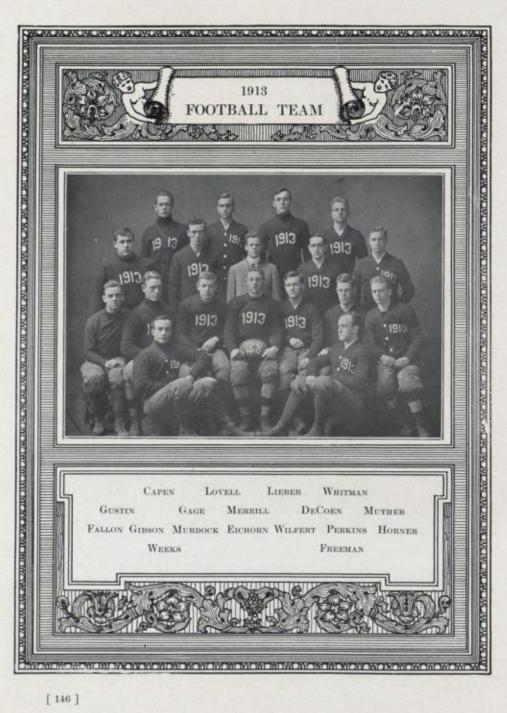


The outcome of Field Day was now to be decided by the second trial of the tug-o'-war and the relay race which followed. The sophs' well-balanced tug-o'-war team easily pulled the freshmen over the line, scoring the first two points for 1913. In the relay race the freshmen were again outclassed as a team, their passing being very poor, and three more points were credited to 1913. The time for the one and one-half miles was five minutes, one and two-fifths seconds, which was remarkable, considering the heavy track and the blinding rain.

The day was already won by 1913, but the freshmen fought hard in the third and fourth periods of the football game. In the third quarter the ball was mostly in 1913 territory, and no score resulted for either side. Finally, in the last period, through the efforts of Wilfert, Goff, and Eichorn, the second and last touchdown was scored by Wilfert from the freshmen 9-yard line. The goal was again missed, and the score stood: 1913, 10; 1914, 0. With the ball on the sophs' 40-yard line the game ended.

The sophomores had made a clean sweep of all three events, and

their jubilation was beyond restraint.





Captain

WILLIAM NEWSOME EICHORN

Manager

CHARLES GERARD FALLON

Coach

THOMAS MATTERS

	Tea	m				
WARD CONANT LOVELL	*10.500				A	R. E.
WARD CONANT LOVELL FREDERICK DAVID MURDOCK		1	1170			R. T.
ELIOT DOWER GAGE						The second secon
LESTER CARLISLE GUSTIN	400 A. T.Y		E-10-1			C.
ALGERNON TUTTLE GIBSON					AL - 150.	L. G.
STANLEY HURLBURT HODGEMAN .					The second	L. T.
CHARLES GERARD FALLON					0 000	L. E.
EMILE GEORGE DE COEN, Jr JOHN HENRY WILFERT	6.50	-				Q. B.
WILLIAM NEWSOME EICHORN				1.14		F. B.
JAMES COLLARD GOFF				A > 11		R. H. B.

Substitutes

PERCY GREENE WHITMAN	ROBERT WALCOTT WEEKS
GEORGE PHILIP CAPEN	HALSEY BOARDMAN HORNER
ROGER MORSE FREEMAN	Peter Carl Lieber
WALTER PAUL MUTHER	Leander Crawford Perkins

Schedule

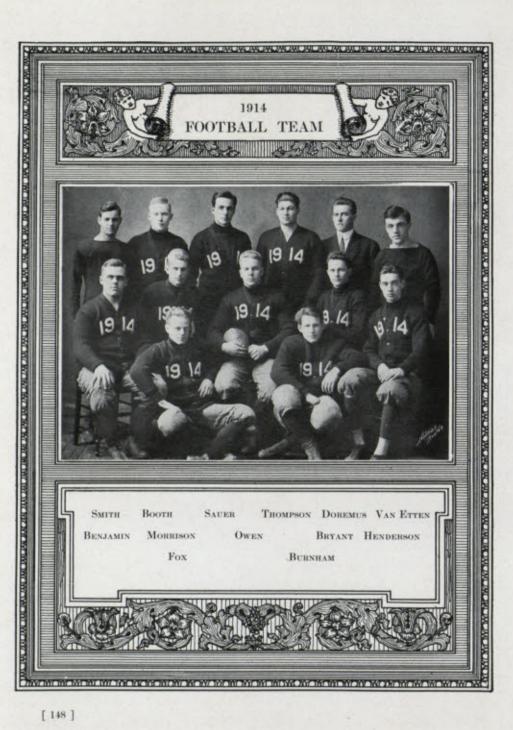
		Schedule	1913	Opponents.
October	4	High School of Commerce	15	0
October	12	Dean Academy	5	6
October	19	Boston Latin School	9	0
October	29	Lowell Textile School	22	0
November	4	1914	10	0

Points for the Season

Technology, 1913, 61

Opponents, 6

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1914 FOOTBALL TEAM

Captain				Manager												
PAUL BARRY OWEN							Re	OE	E	R	r	C	H	L	D	DOREMU
			Te	am												
HOWARD ARCHIBALD MORRISON .		24		-						43	-		(8)	5	1	L. E.
PAUL BARRY OWEN					40		40		49			42			10	L. T.
Charles Francis Thompson																
HAROLD CHENERY BENJAMIN .																
FRED EUGENE SAUER, Jr																
LUCIAN WALLACE BURNHAM																
James Murray Henderson													240			R. E.
Charles Ephraim Fox											,	*				Q. B.
CHAUNCEY DAVIS BRYANT					÷		*									R. H. B.
FREDERICK JOSEPH VAN ETTEN					9							3				F. B.

Substitutes

Archie Henderson Booth L. H. B.

CLARENCE LESTER SMITH JOHN ALOYSIUS ROBERTS

		Schedule 19	14 Opponents
October	19	Dean Academy	55
October	22	Lowell Textile School	3 0
October	26	Somerville High School) 11
November	5	1914) 11

Points for the Scason

Technology, 1914, 23

Opponents, 22

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1913

Captain

CHARLES EUSTIS TRULL

Manager

HARRY DEXTER PECK

ALLEN RUSSELL ATWATER
ELLIS WETHRELL BREWSTER
WALTER ROBERT BYLUND
ALBERT DAY CONANT
RAYMOND BONTECOU HAYNES
WILLIAM RHOADS MATTSON
BENJAMIN SAMUEL MUNCH
GEORGE BENJAMIN SAMPSON
ROSS DARLTON SAMPSON
JOSEPH JOSLIN STRACHAN
ROLAND CHARLES THOMPSON
CHARLES EUSTIS TRULL

CLAUDE FRANCIS CAIRNS FRED CLEMENT HERSOM 1914

Captain

THEODORE HERVEY GUETHING

Manager

THOMAS LOCK CHASE

Teams

EDMOND WESLEY BOWLER
ALDEN CRANKSHAW
CHESTER RUSSELL GARDNER
THEODORE HERVEY GUETHING
ADELBERT DELANO HILLER
FREDERICK LEWIS HURLBUTT
STANLEY ARMSTRONG SMITH
ARTHUR ROLLIN STUBBS
PAUL HUSE TAYLOR
ELLIS SPENCE TISDALE
HAROLD SUTHERLAND WILKINS
ALFRED THEODORE WYMAN

Substitutes

GORDON WINTHROP WHITE JAMES MAYNE WHITE

RELAY RACE

TENTH ANNUAL FIELD DAY

November 4, 1910 Won by 1913

Distance, 11/2 miles

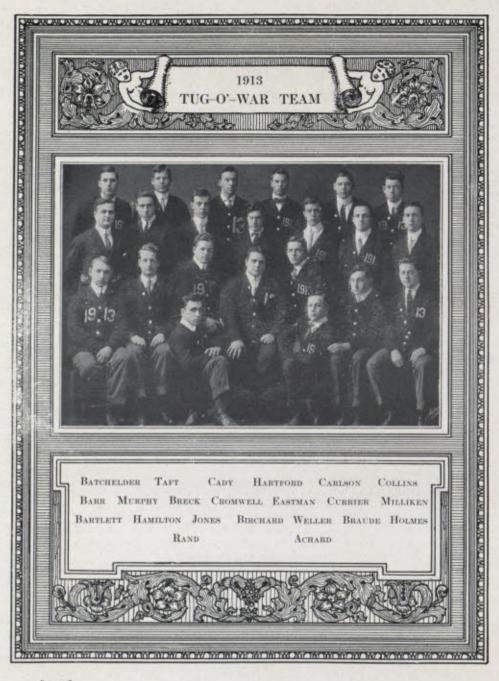
2 miles

Technology Field 5 min. 1 2-5 secs.

Record for the race, 5 minutes Held by 1908 and 1910

Owing to the impossible weather conditions on Field Day, the Sophomore Relay Team decided to rerun their race this time against a picked team from the Institute at large, in order to try for a new record. Competent timers and a referee from the B. A. A. officiated. The result was a new record of 4 minutes, 59 3/5 seconds for the Tech course of one and a half miles.

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1913

Captain

HAROLD SNELL BIRCHARD

Manager

ALFRED STANDISH MILLIKEN

Teams

GEORGE ROBERTS BARTLETT JOHN KIMBALL BATCHELDER HAROLD SNELL BIRCHARD HARRY BRAUDE SAMUEL BRECK, Jr. CLARENCE WILLIAM BRETT HERBERT BARNY CADY HILDING NATHANIEL CARLSON THOMAS RICHARD COLLINS ZENAS CROCKER, Jr. BENJAMIN COFFIN CROMWELL, Jr. HOWARD SLOCUM CURRIER HENRY DOWST, 3d ARTHUR GILMAN EASTMAN KENNETH DAVIS HAMILTON ELLIS WISWELL HARTFORD WILLIAM NORMAN HOLMES FISKE REED JONES ALFRED LAURENCE KOCHER GEROULD TAYLOR LANE EDWARD EUGENE MURPHY CARL WARRINGTON SOMERS EDGAR WHITTAKER TAFT GEOFFREY RICE THAYER EARNEST WELLER

FRANCIS HERMANN ACHARD HAROLD MORRILL RAND

Captain PHILIP ALDEN RUSSELL

Manager RALPH DAVIS BROWN

HERMAN ANDREW AFFEL HIBBARD SPENCER BUSBY CHARLES FREEMAN CROMMETT ARTHUR CALBRAITH DORRANCE KIRKE BISHOP EVERSON HERBERT HUDSON HALL OLIVER CUSHING HALL GABRIEL HARRIS EDWIN DANIEL HAYWARD PAUL ARTHUR HEROULT ALBERT JAMES HOYT JUNPACHIRO ISHII CHARLES OXTON MACKINNON ERNEST WILKINS MANN WILLIAM WILD MOORE EDWIN CHRISTIE PAUL MAURICE TIMOTHY ROOT CHAUNCEY FRANCIS RUOFF PHILIP ALDEN RUSSELL HOWARD COLLAMORE SAMPSON ELWYN EDWARD SNYDER, Jr. RUSSELL ALDEN TRUFANT HERBERT HARTWELL WHITCOMB FRANCIS WHITTEN, Jr. HAROLD SUTHERLAND WILKINS

Substitutes

CHARLES PARKER FISKE LOUIS BOYD SCHWARTZ

TUG-O'-WAR. NINTH ANNUAL FIELD DAY

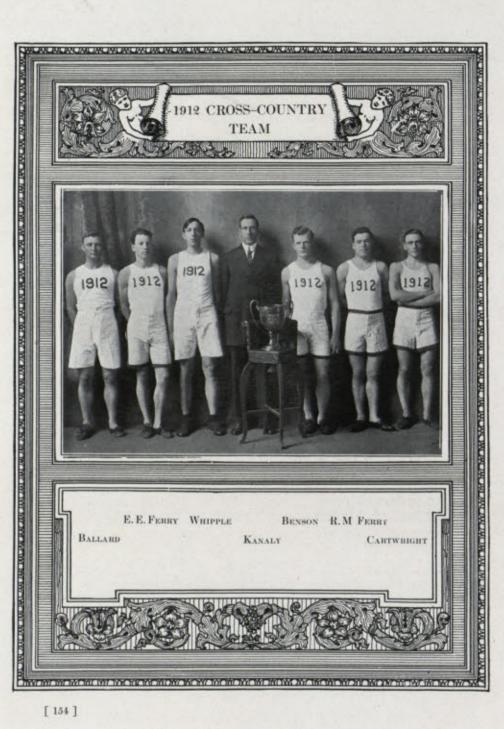
November 5, 1910

Technology Field

Won by 1913

First Trial won by 1913. Time, 1 min. 37 secs. Second Trial won by 1913. Time, 26 secs.

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Captains

HARVEY SMITH BENSON, 1912 WALTER ROBERT BYLUND, 1913

Teams

1912

VOLANT VASHON BALLARD HARVEY SMITH BENSON KENNETH CARTWRIGHT EARL EMERSON FERRY RALPH MONTAGUE FERRY ROBERT EVERETT WHIPPLE

Technology Course 41/4 miles

Won by 1912

Order of Finish

EARL E. FERRY, 1912 RALPH M. FERRY, 1912 Kenneth Cartwright, 1912 HARVEY S. BENSON, 1912, Captain CLARENCE W. BRETT, 1913 Louis G. Harris, 1913 ROBERT E. WHIPPLE, 1912 EUGENE L. MACDONALD, 1913 LAURENCE C. HART, 1913 WILLIAM C. H. STEVENSON, 1913 VOLANT V. BALLARD, 1912 George H. Rhodes, 1912 GILBERT R. PARDEY, 1913 PAUL R. WILLIAMSON, 1912

1913

CLARENCE WILLIAM BRETT *WALTER ROBERT BYLUND LOUIS GRAHAM HARRIS LAURENCE COLLETT HART EUGENE LELAND MACDONALD GILBERT REA PARDEY WILLIAM CLARE HARKNESS STEVENSON

April 9, 1910

Score, 1912, 28; 1913, 51

Time

25 min. 20 2-5 secs.

25 min. 57 secs.

26 min. 9 secs.

26 min. 34 secs.

27 min. 35 3-5 secs.

27 min. 46 3-5 secs.

27 min. 54 secs.

27 min. 56 2-5 secs.

28 min. 31 secs.

28 min. 32 secs.

29 min. 13 1-5 secs.

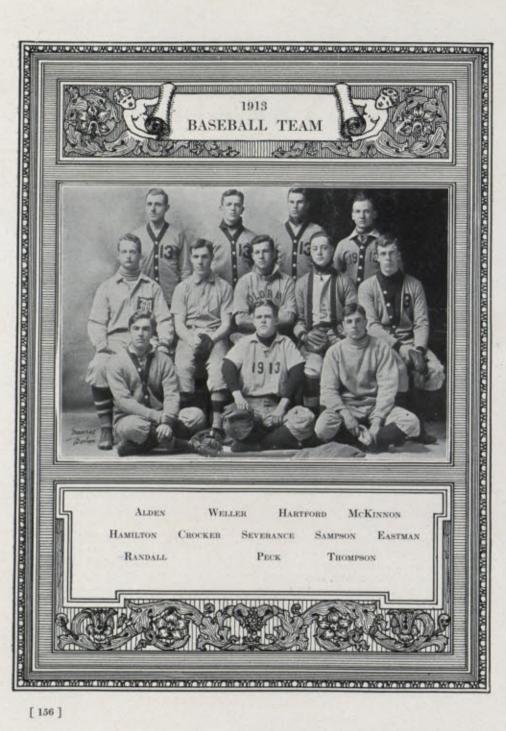
29 min. 18 3-5 secs.

29 min. 20 secs.

29 min. 39 secs.

* Did not run.

[155]





1912 BASEBALL TEAM

1913 BASEBALL TEAM

Captain

JOSEPH INGRAHAM TAYLOR

Captain

FRANCIS EARNEST SEVERENCE

Manager

VINCENT WEAVER ALLEN

Manager

GEORGE BENJAMIN SAMPSON

Team		Team
CHARLES C. JONES JOSEPH I. TAYLOR BATES TOREY, Jr. WILLIAM J. MAGUIRE HERBERT O. MAXWELL BARTOW V. REEVES HERBERT COULSON VINCENT W. ALLEN VERNON G. SLOAN	Pitcher Catcher First Base Second Base Short Stop Third Base Left Field Centre Field Right Field	KENNETH D. HAMILTON Pitcher ARTHUR G. EASTMAN Catcher GEORGE B. SAMPSON FITST Base HAROLD S. CROCKER Second Base HARRY D. PECK Short Stop HALSEY ELWELL Third Base ERNEST WELLER Left Field FRANCIS E. SEVERENCE Centre Field ROLAND C. THOMPSON Right Field
Substitutes		Substitutes
WILLIAM C. BIRD	Pitcher Short Stop Right Field Pitcher	JOSEPH C. MACKINNON Infield GARDNER R. ALDEN Outfield ELLIS W. HARTFORD Pitcher ROY A. RANDALL Pitcher
Schedule	Score	Schedule Score
Opponents T. 19	12 Opponents	Opponents T. 1913 Opponents
Brookline Gym	8 7	English High School 5* 4
Volkman School 1	6 4	Roxbury Latin 15† 6
	7 6	Wakefield High 11 0
Carried Control of the Control of th	3 5	Allen School 7 4
	8 7	Thayer Academy 3 4 Gloucester High 7 2
Brockton High	2 3	Gloucester High 7 2
Stearns School	4 1	Brighton High 4‡ 0
Technology, 1913	1 7	Technology, 1912 7 1
Technology, 1913	6 6	Technology, 1912 6 2
Totals 5	1 47	Total 65 23

Games won, 5 Games lost, 4

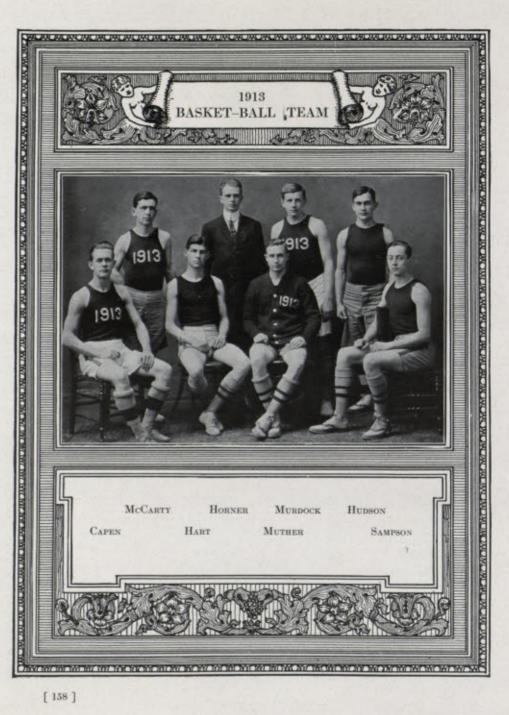
Games won, 8

Games lost, 1

* 10 innings

†4 innings :6 innings

[157]





Captains

1913

WALTER PAUL MUTHER

1914

CHAUNCEY FRANCIS RUOFF

Managers

HALSEY BOARDMAN HORNER

GEORGE BENJAMIN OTT

Teams

Forwards

CHARLES JOSEPH McCARTHY WALTER PAUL MUTHER THOMAS FRANCIS COMBER WALTER GLADSTONE TIRRELL

Centre

FREDERICK DAVID MURDOCK

JAMES MURRAY HENDERSON

Backs

GEORGE PHILIP CAPEN
LAURENCE COLLETT HART

CHAUNCEY FRANCIS RUOFF FRANK CAPON CLEVERLEY

Substitutes

CHARLES MAYNARD HUDSON GEORGE BENJAMIN SAMPSON FAY WOODBURN WILLIAMS CHAUNCEY DAVIS BRYANT

Inter-class Championship Series

February 22, 1911

1913 vs. 1914 Score: 1913, 28. 1914, 5 Won by 1913

March 11, 1911

1913 vs. 1914

Score: 1913, 21. 1914, 16

Won by 1913

[159]

(912 OUTDOOR MEET 1912)

TECHNOLOGY FIELD		APRIL 9, 1910
Events	Places	Time, Height, Distance
100 Yards	CHARLES E. TRULL, 1913 JOHN S. GRANT, 1912 MARK A. OETTINGER, 1912	10 3-5 secs.
220 Yards	Joseph J. Strachan, 1913 Charles E. Trull, 1913 Mark A. Oettinger, 1912	25 secs.
440 Yards	MARK A. OETTINGER, 1912 BENJAMIN S. MUNCH, 1913 PHILIP W. BURNHAM, 1913	55 4-5 secs.
880 Yards	Harold G. Watkins, 1912 Walter R. Bylund, 1913 Ross D. Sampson, 1913	2 min. 5 secs.
One Mile	Habold G. Watkins, 1912 Roy D. Van Alstine, 1912 Alfred S. Milliken, 1913	4 min. 54 secs.
120-Yard Hurdles	JOHN S. GRANT, 1912 WILLIAM N. EICHORN, 1913	18 2-5 secs.
220-Yard Hurdles	John S. Grant, 1912 Charles E. Trull, 1913 William N. Eichorn, 1913	29 1-5 secs.
High Jump	PHILIP W. DALRYMPLE, 1912 HERBERT B. ALVORD, 1912 JOHN BECKER, Jr., 1912	5 ft. 8 in. 5 ft. 6 in. 5 ft. 3 in.
Broad Jump	HAROLD GREENLEAF, 1912 WILLIAM H. TORREY, 1913 JOHN BECKER, Jr., 1912	19 ft. 5 in. 19 ft. 2 in. 18 ft. 6 in.
Pole Vault	HAROLD GREENLEAF, 1912 RALPH S. RANKIN, 1913 EDWARD MANGAN, 1912	9 ft. 9 in. 9 ft. 6 in. 9 ft. 3 in.
Shot Put	DAVID F. BENBOW, 1912 JOHN BECKER, Jr., 1912 JOHN L. BRAY, 1912	37 ft. 7½ in. 32 ft. 7 in. 32 ft. 5 in.
Hammer Throw	JOHN L. BRAY, 1912 WALTER M. RUBY, 1912 NORMAN D. MACLEOD, 1913	104 ft. 4 in.
Discus Throw	WALTER M. RUBY, 1912 NORMAN D. MACLEOD, 1913 JOHN L. BRAY, 1912	96 ft. 3 in.
	Summary of Points	
1912 1913		77 39

(912 INDOOR MEET 1919)

	20
TECHNOLOGY	GYMNASTEM

FEBRUARY 4, 1911

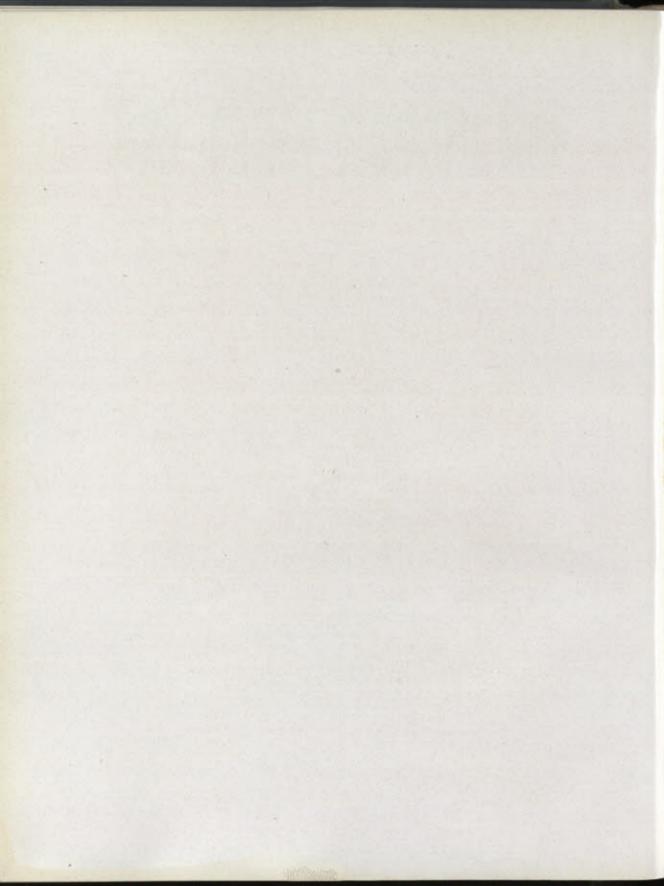
Exents	Places	Time, Height, Distance
35 Yards	Louis A. Wilson, 1914 Theodore H. Guething, 1914 Henry H. Thompson, 1913	4 3–5 secs.
440 Yards	HENBY H. THOMPSON, 1913 BENJAMIN S. MUNCH, 1913 EDMOND W. BOWLER, 1914	57 2–5 secs.
880 Yards	Ross D. Sampson, 1913 ARTHUR R. STUBBS, 1914 BENJAMIN S. MUNCH, 1913	2 min. 15 secs.
One Mile	GALE C. SHEDD, 1914 ALFRED F. NYE, 1914 CHARLES S. LEE, 1914	4 min. 59 3-5 secs.
35-Yard Hurdles	THOMAS L. CHASE, 1914 CHAUNCEY D. BRYANT, 1914 JOSEPH J. STRACHAN, 1913	6 1–5 secs.
Running High Jump	LESLIE S. HALL, 1914 WALTER C. EBERHARD, 1914 THOMAS L. CHASE, 1914	5 ft. 4 7/8 in.
Shot Put	NORMAN D. MACLEOD, 1913 ROGER M. FREEMAN, 1913 PAUL B. OWEN, 1914	34 ft. 11 in.
Pole Vault	RALPH S. RANKIN, 1913 PAUL A. HEROULT, 1914 CHARLES E. FOX, 1914	9 ft.

Score

1913 29 points

1914 43 points

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HE GREEK LETTER FRATERNITIES
AT THE MASSACHUSETTS INSTITUTE
OF TECHNOLOGY, ARRANGED IN THE
ORDER OF THEIR ESTABLISHMENT

SIGMA CHI

CHAPTER ROLL

1855	Alpha	Miami University	Oxford, Ohio
1855	Beta	University of Wooster	Wooster, 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.
1857	Eta	University of Mississippi	University, Miss.
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	University, 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	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 Psi	Vanderbilt University	Nashville, Tenn.
1891	Alpha Omega	Leland Stanford, Jr., University	Stanford University, Cal.
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.
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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.
1903	Upsilon Upsilon .	University of Washington Seattle, Wash.
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 Pittsburg, Pa.
1910	Beta Iota	University of Oregon Eugene, Ore,

SIGMA CHI

ALPHA THETA CHAPTER

ESTABLISHED 1882

Frater in Facultate WILLIAM E. WICKENDEN

Fratres

RICHARDSON AYRES
FRANK CARL BALKE
RANDALL CREMER
WILLIAM BYERS DENTON
RUDOLPH HERZER FOX
JOHN MORRIS HARGRAVE
HAROLD FREEMAN JOHNSTON
CHARLES PHILLIPS KERR
EDWARD WILLIAM LARKIN
PETER CARL LIEBER, Jr.
CLARENCE McDonough
WILLIAM JAMES MAGUIRE

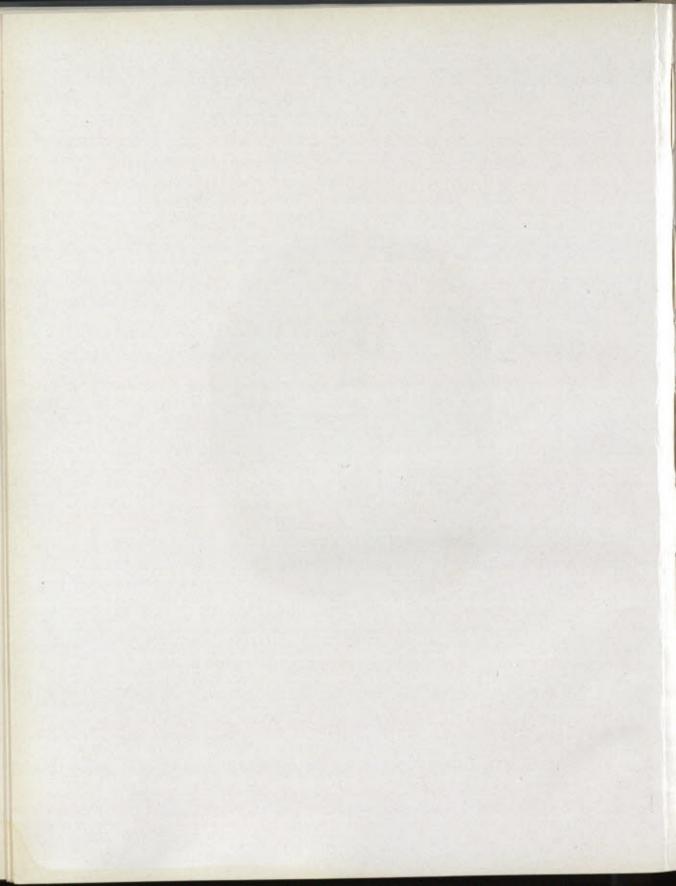
James Francis Morgan, Jr.
Earl Mortimer Newlin
Frederick Warren Osborn
Theodore Bissell Parker
Allen Willard Reid
Bolivar Buckner Ringo
Tracy Vanderveer Scudder
Arthur Pope Shepard
Angus VanAusdal Swift
Augustus Sweetland True
Holland Russell Wemple
Houghton Hamilton Whithed

1067 Beacon Street, Brookline

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EANINGS BYLL



THETA XI

CHAPTER ROLL

A	Rensselaer Polytechnic Institute Troy, N.Y.	
В	Sheffield Scientific School New Haven, Conn.	
Г	Stevens Institute of Technology	
Δ	Massachusetts Institute of Technology Boston, Mass.	
E	Columbia University New York, N.Y.	
Z	Cornell University	
Н	Lehigh University South Bethlehem, I	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	
N	University of California Berkeley, Cal.	
	Graduate Club New York, N.Y.	
	Graduate Club	
	Graduate Club Pittsburg, Pa.	

THETA XI

DELTA CHAPTER

ESTABLISHED 1885

Frater in Facultate
HENRY GREENLEAF PEARSON

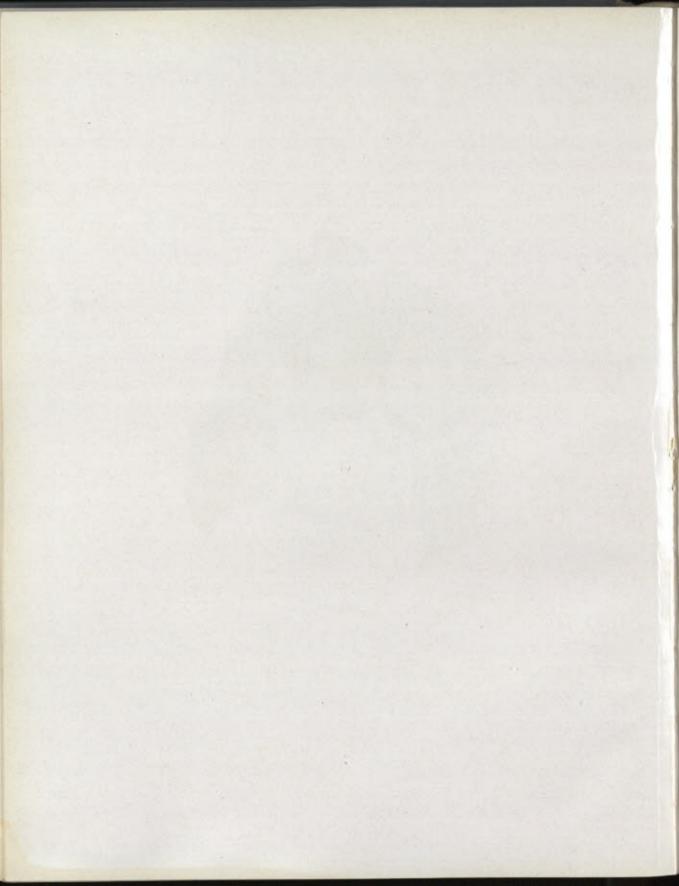
Fratres

BENJAMIN SNIVELY BONEBRAKE WILSON GRAHAM COLE ROBERT JACKSON FULLER WILLIAM EDWARD HUMPHREVILLE, Jr. RINKER KIBBEY EDWARD HOPPER MANGAN WILLIAM HENNICK MARTIN GEORGE LEE PAULLIS HARRY DEXTER PECK Alfonso Washington Pezet GEORGE BENJAMIN SAMPSON STUART CARY SARGENT RALPH FREDERICK SYMONDS JOSEPH ALFRED TENNANT ROBERT VOSE TOWNSEND MARCELLUS EDWARD WILD

258 Newbury Street



CANTIGHT FRILA



DELTA PSI

CHAPTER ROLL

Alpha	3		4			-							4				100	314	*	. Columbia University
Delta .											*						190		-	. University of Pennsylvania
Epsilon			V.					1	Ų.	i,			4			1				. Trinity College
Lambda							1	1	1	1	V	1		Ç					1	. Williams College
Phi						5			,					2	4	1			,	. University of Mississippi
Sigma					15															. Sheffield Scientific School, Yale
Tau .		10			,															. Massachusetts Institute of Technology
Upsilon																				

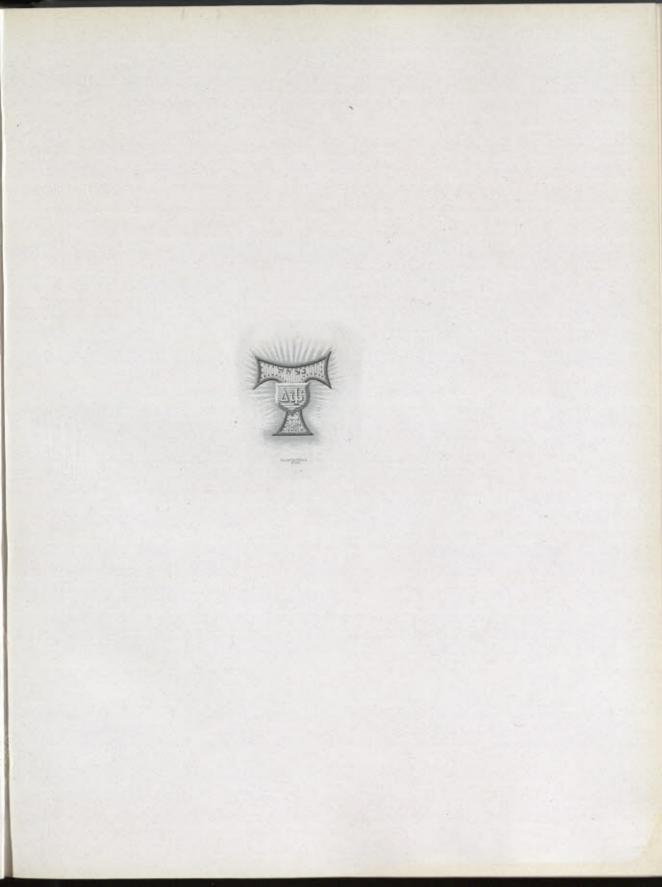
DELTA PSI

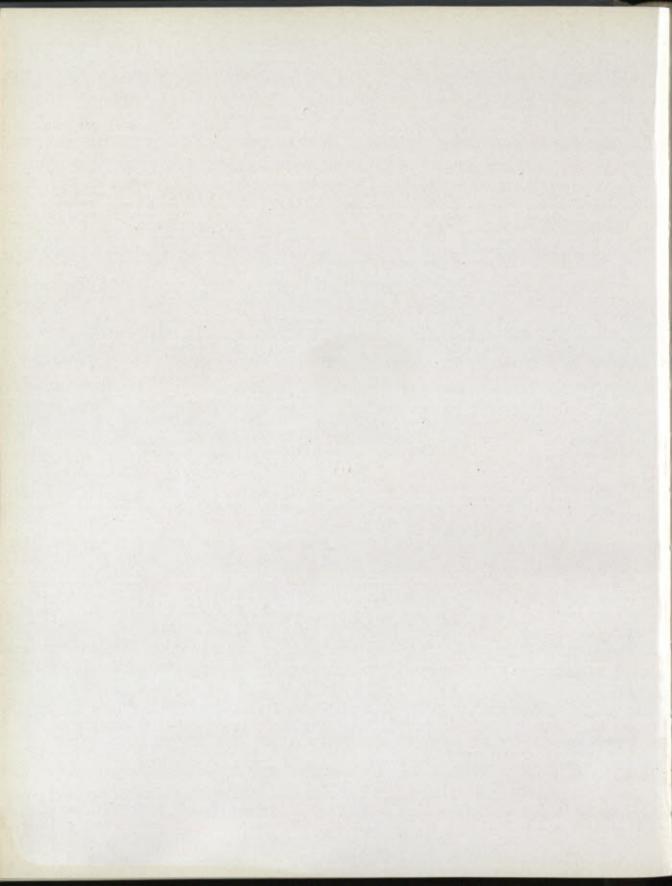
TAU CHAPTER

ESTABLISHED 1889

ROBERT OGLESBY BEARDSLEY JOHN WILLIAM STANSBURY BRADY MALCOLM BRUCE BROWNLEE, Jr. ARTHUR MOXHAM COLEMAN JOHN PIERREPONT CONSTABLE ROBERT SAYRE COX. Jr. LOUIS DE FLOREZ Albert Victor de Forest CHARLES EDISON ADOLPHUS WASHINGTON GREELY, Jr. ALEXANDER GRISWOLD HERRESHOFF AURELIUS POINTER HORNOR GILBERT MARIANO IRELAND HAMILTON MERRILL WILLIAM WILD MOORE THOMAS REYBURN HENRY JAMES GRAY RUDOLF NATHANIEL MCLEAN SAGE

6 Louisburg Square





CHI PHI

CHAPTER ROLL

A	University of Virginia	Charlottesville, Va.
В	Massachusetts Institute of Technology	Boston, Mass.
Г	Emory College	Oxford, Ga.
Δ	Rutgers College	New Brunswick, N.J.
Е	Hampden-Sydney College	Hampden-Sydney, Va.
Z	Franklin and Marshall College	Lancaster, Pa.
Н	University of Georgia	Athens, Ga.
θ	Rennselaer 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.
0	Sheffield Scientific School, Yale University	New Haven, Conn.
P	Lafayette College	Easton, Pa.
ф	Amherst College	Amherst, Mass.
X	Dartmouth College	Hanover, N.H.
Ψ	Lehigh University	South Bethlehem, Pa.
Ω	Georgia School of Technology	Atlanta, Ga.

CHI PHI

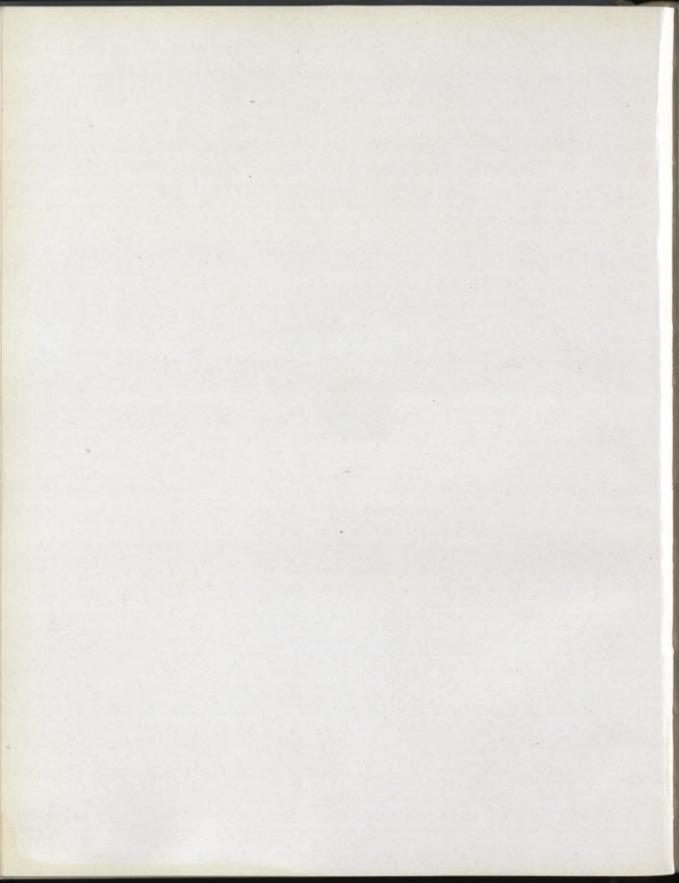
BETA CHAPTER

ESTABLISHED 1890

PERLEY KIMBALL BROWN SAMUEL HOAG CORNELL HENRY CLARENCE DAVIS, Jr. KINSLEY VAN RENSSELAER DEY RALPH HARRINGTON DOANE ARTHUR BIRCHARD DE WITT DAVID SAINT PIERRE GAILLARD THEODORE HERVEY GUETHING PHILIP GATCH LAUMAN ALEXANDER GOTWALD LONG, Jr. RODNEY MESSENGER LOWE HENRY NOYES OTIS NATHANIEL STEVENS SEELEY JOHN SOLEY SELFRIDGE Samuel Woodworth Selfridge NEWELL ALDRICH THOMPSON, Jr. Donald Higgins Van Deusen GEORGE EDWARD WHITWELL IRVING WHITE WILSON NICHOLAS WARWICK DENNIS WORTHINGTON

44 The Fenway.





DELTA KAPPA EPSILON

ESTABLISHED 1844

YALE UNIVERSITY

Phi	Yale University
Theta	Bowdoin College
Xi	Colby University
Sigma	Amherst College
Gamma	Vanderbilt University
Psi	University of Alabama
Upsilon	Brown University
Chi	University of Mississippi
Beta	University of North Carolina
Eta	University of Virginia
Kappa	Miami University
Lambda	Kenyon College
Pi	Dartmouth College
Iota	Central University of Kentucky
Alpha Alpha	Middlebury College
Omicron	University of Michigan
Epsilon	Williams College
Rho	Lafayette College
Tau	Hamilton College
Mu	Colgate University
Nu	College of the City of New York
Beta Phi	University of Rochester
Phi Chi	Rutgers College
Psi Phi	De Pauw University
Gamma Phi	Wesleyan University
Psi Omega	Rensselaer Polytechnic Institute
Beta Chi	Adelbert College
Delta Chi	Cornell University
Delta Delta	Chicago University
Phi Gamma	Syracuse University
Gamma Beta	Columbia College
Theta Zeta	University of California
Alpha Chi	Trinity College
Phi Epsilon	University of Minnesota
Sigma Tau	Massachusetts Institute of Technology 1890
Tau Lambda	Tulane University
Alpha Phi	University of Toronto
Delta Kappa	University of Pennsylvania
Tau Alpha	McGill University 1901
Sigma Rho	Leland Stanford, Jr., University 1902
Delta Pi	University of Illinois
Rho Delta	University of Wisconsin 1907
Phi Phi	University of Washington 1910

DELTA KAPPA EPSILON

SIGMA TAU CHAPTER

ESTABLISHED 1890

Fratres in Facultate

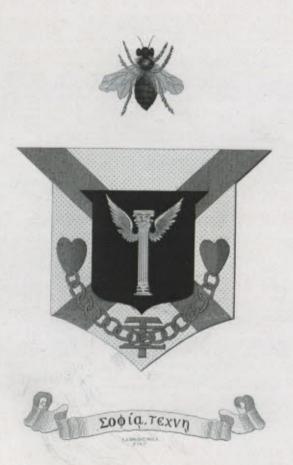
ALFRED EDGAR BURTON

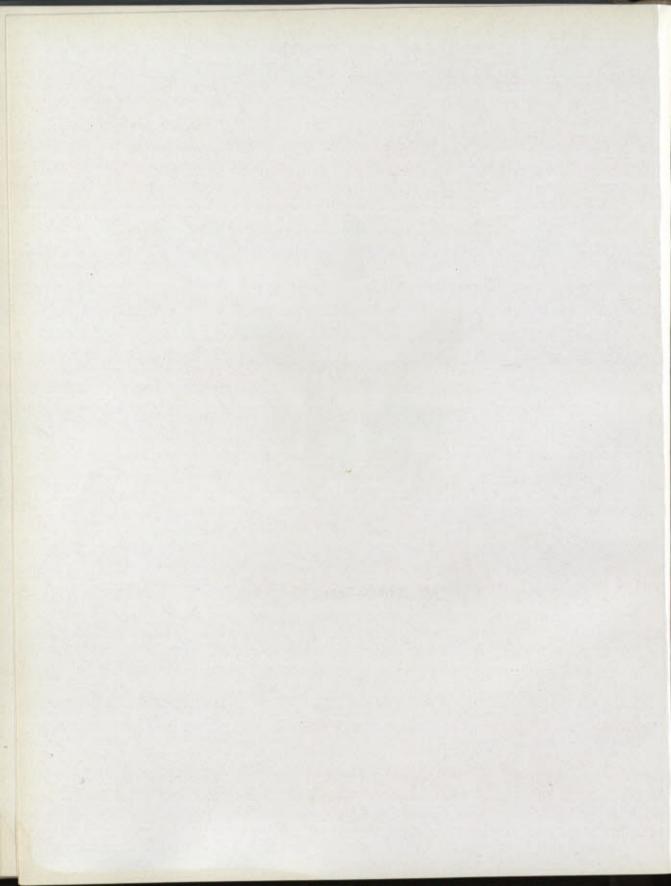
MAURICE DE KAY THOMPSON, Jr.

Fratres

FREDERICK WILLIAM BARKER, Jr. ROSWELL FORMAN BARRATT CHAUNCEY EARLE DOUD DEAN ABNER FALES ROGER MORSE FREEMAN JOSEPH CHEEVER FULLER RALPH TROWBRIDGE HANSON JEROME CLARKE HUNSAKER JAMES ISAACS RALPH BRANDRETH KENNARD NORMAN DOUGLAS MACLEOD ERIC WIER MASON ARTHUR WARREN MUDGE, Jr. PAUL BARRY OWEN HENRY HINMAN PARTRIDGE BRADLEY TRAVIS ROSS WILLIAM CONYNE SALISBURY HUBERT STACY SMITH ROSSLYN SMYTHE-MARTIN CLARENCE AUGUSTUS STEWART EDWARD LONGFELLOW WADSWORTH RICHARD PARKER WALLIS RALPH EVANS WELLS, Jr. JOHN CAULFIELD WOODRUFF

215 Newbury Street





PHI BETA EPSILON

LOCAL AT TECHNOLOGY

Founded 1890

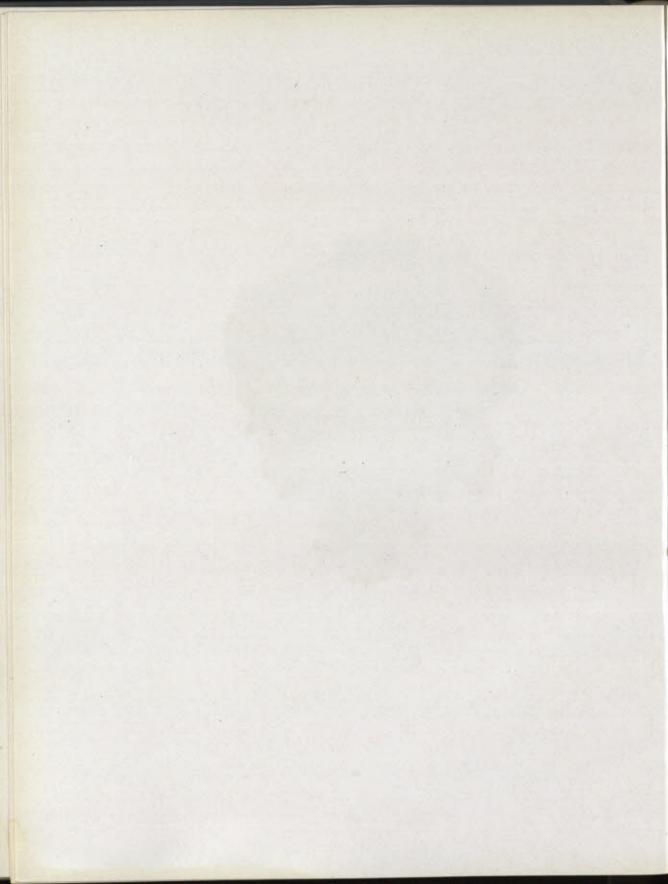
PHI BETA EPSILON

Fratres

SAMUEL BRECK, Jr. FRANK WALKER CALDWELL RICHARD BELMONT CATTON PHILIP WHITE DALRYMPLE ELISHA NOEL FALES CHRISTOPHER FALLON EDWARD BENNETT GERMAIN RICHARD HARTSHORN GOULD STANLEY HURLBUT HODGMAN GERALD MARCY KEITH RICHARD WHEATLEY LEWIS JOHN CABLE MORSE MALCOLM DANA PRICE RICHARD HOWLAND RANGER CHARLES BACON ROWLEY Louis Boyd Schwartz DONALD READ STEVENS ARTHUR ROLLIN STUBBS EDGAR WHITTAKER TAFT EDWARD CURTIS TAYLOR JAMES ALEXANDER TILLINGHAST MAX LEON WATERMAN RICHARD HOWARD WHEELER GORDON BALL WILKES DWIGHT MEAD WYMAN

237 Beacon Street





DELTA UPSILON

ESTABLISHED AT WILLIAMS, 1834

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, Vt.
1857		Brunswick, Me.
1858		New Brunswick, N.J.
1860		Providence, R.I.
1865		** 11. 37.37
1865		30 30 1 700
1868		Oxford, Ohio
1869		Ithaca, N.Y.
1870		** ***
1873		0 37.37
1876		1 11 151
1880		71
1880		Cambridge, Mass.
		4.5 11 1411
1885		27 29
1885		27 27 2 201
1885		
1885		
1886		
1887		Greencastle, Ind.
1888		Philadelphia, Pa.
1890	CONTRACTOR OF THE CONTRACTOR O	Minneapolis, Minn.
1891		Boston, Mass.
1893	Swarthmore	
1896	California	
1896	Leland Stanford, Jr	
1898	Nebraska	Lincoln, Neb.
1898	McGill	Montreal, Canada.
1899	Toronto	Toronto, Canada.
1901	Chicago	Chicago, Ill.
1904	Ohio State	Columbus, Ohio
1905	Illinois	Champaign, Ill.
1910	*** **	Seattle, Washington.
1000000		[189]

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DELTA UPSILON

TECHNOLOGY CHAPTER

ESTABLISHED 1891

Fratres in Facultate

Louis Derr

HARRISON W. SMITH

FRANK VOGEL

Fratres

ARTHUR KING ADAMS
JAMES MCARTHUR BEALE
GEORGE ALVIN COWEE
RALPH NELSON DOBLE
JAMES COLLORD GOFF
RAYMOND BONTECOU HAYNES
WILLIAM NORMAN HOLMES
GEORGE HOWELL JONES
WILLIAM ROWE MCCUNE

Munroe Rhodes Pevear Harry Ephraim Prentice Scott Bradstreet Putnam Wilbur Taylor Roberts Howard Reed Schulze John Harris Scoville Gale Colburn Shedd Paul Wesley Shedd Alfred Theodore Wyman

CLARENCE RICHARDSON WOODWARD

Fratres in Urbe

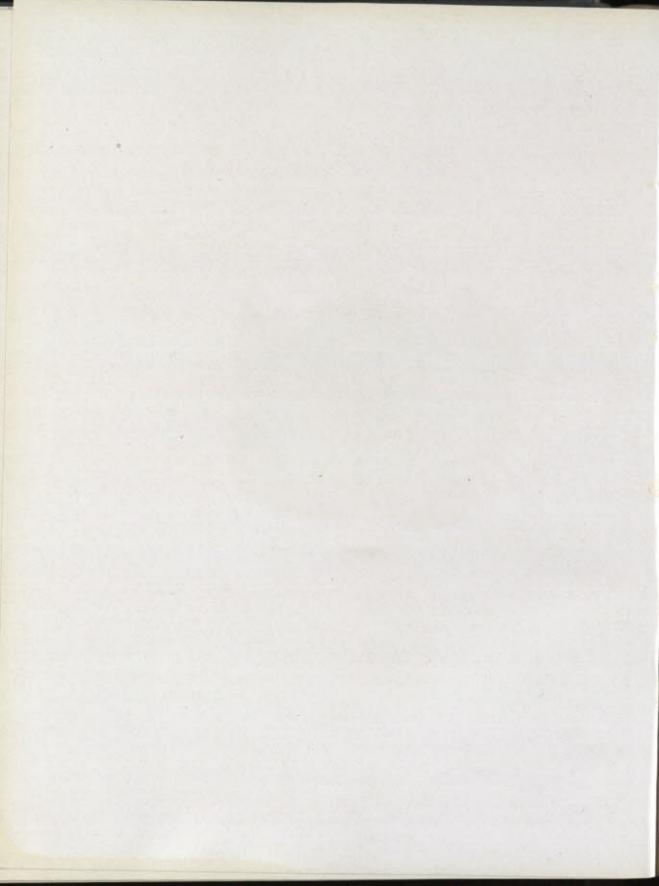
JOSHUA ATWOOD, 3d
JOHN CUMMINGS BROOKS
ARTHUR WARREN DEAN
GEORGE PHILLIPS DIKE
CHARLES WARREN HAPGOOD
VALDEMAR FRANK HOLMES
JOHN WINSLOW HORR
WILLIAM SPENCER HUTCHINSON
ALBERT LINCOLN KENDALL
ASA HALL MORRILL
ROBERT PORTER NICHOLS

Walter Elbridge Piper
Charles Arthur Record
Miles Standish Richmond
John Carleton Sherman
Sidney Talbot Strickland
Clifford Melville Swan
Albert Ball Tenney
Maurice Crawford Tompkins
Gilbert Sanders Tower
Everett Pendleton Turner
Harry Warren Upham

GEORGE REED WADSWORTH



EANNOTED THE



SIGMA ALPHA EPSILON

FOUNDED IN 1856 AT ALABAMA STATE UNIVERSITY, TUSCALOOSA, ALA.

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.
New York Alpha	Cornell University	Ithaca, N.Y.
New York Mu	Columbia University	New York, N.Y.
New York Sigma Phi	St. Stephens College	Annandale, 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	Gettysburg College	Gettysburg, Pa.
Pennsylvania Theta	University of Pennsylvania	Philadelphia, Pa.
Virginia Omicron	University of Virginia	Charlottesville, 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.
South Carolina Gamma	Wofford College	Spartansburg, S.C.
Georgia Beta	University of Georgia	Athens, Ga.
Georgia Psi	Mercer University	Macon, Ga.
Georgia Epsilon	Emory College	Oxford, Ga.
Georgia Phi	Georgia School of Technology	Atlanta, Ga.
Michigan Iota Beta	University of Michigan	Ann Arbor, Mich.
Michigan Alpha	Adrian College	Adrian, Mich.
Ohio Sigma	Mount Union College	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.
Illinois Psi Omega	Northwestern University	Evanston, Ill.
Illinois Beta	University of Illinois	Champaign, Ill.
Illinois Gamma	University of Chicago	Chicago, Ill.
Kentucky Kappa	Central University	Richmond, Ky.
Kentucky Iota	Bethel College	Russellville, Ky.
Kentucky Epsilon	Kentucky State College	Lexington, Ky.
Tennessee Zeta	Southwestern Presbyterian University	Clarksville, Tenn.
Tennessee Lambda	Cumberland University	Lebanon, Tenn.
Tennessee Mu	Vanderbilt University	Nashville, Tenn.
		F 100 7

Tennessee Kappa	University of Tennessee	Knoxville, Tenn.
Tennessee Omega	University of the South	Sewanee, Tenn.
Tennessee Eta	Southwestern Baptist University	Jackson, Tenn.
Alabama Mu	University of Alabama	
Alabama Iota		Tuscaloosa, Ala.
	Southern University	Greensboro, Ala.
Alabama Alpha Mu	Alabama Polytechnic Institute	Auburn, Ala.
Mississippi Gamma	University of Mississippi	Oxford, Miss.
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.
Iowa Beta	Iowa State University	Iowa City, Ia.
Texas Rho	University of Texas	Austin, Tex.
Colorado Chi	University of Colorado	Boulder, Col.
Colorado Zeta	Denver University	Denver, Col.
Colorado Gamma	Colorado School of Mines	Golden, Col.
California Alpha	Leland Stanford, Jr., University	Palo Alto, Cal.
California Beta	University of California	Berkeley, Cal.
Louisiana Tau Upsilon	Tulane University	New Orleans, La.
Louisiana Epsilon	Louisiana State University	Baton Rouge, La.
Minnesota Alpha	University of Minnesota	Minneapolis, Minn.
Wisconsin Alpha	University of Wisconsin	Madison, Wis.
Oklahoma Kappa	University of Oklahoma	Norman, Okla.
Annual Control of the Control	Currently or Commodition	Atorinari, Okia.

SIGMA ALPHA EPSILON

MASSACHUSETTS IOTA TAU CHAPTER

ESTABLISHED 1892

Fratres

LELAND SEARS BECKER
WALTER ROBERT BYLUND
JAMES STANLEY CHURCHILL
LLOYD CARTWRIGHT COOLEY
JAMES SOMERVILLE DEAN
ARTHUR CALBRAITH DORRANCE
ARCHIBALD EICHER
LAURENCE COLLETT HART
CHARLES WILLIAM HOMEYER, Jr.
GORDON ROGERS JAMESON

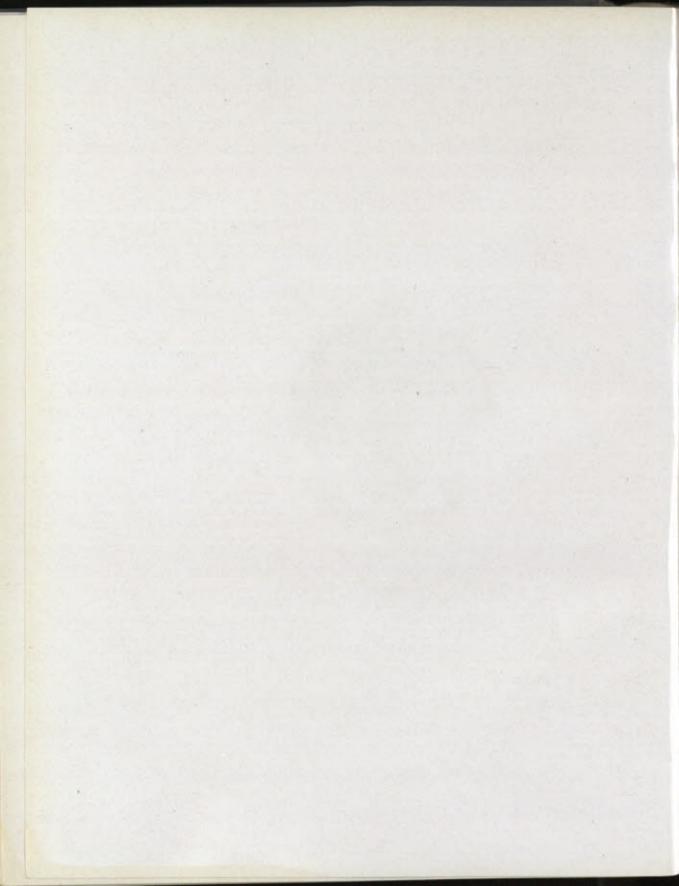
Paul Eells Jeffers
Philip Chapin Jones
Harold Alexander Mayer
James Henry Morley
Walter Paul Muther
Geoffrey Mallin Rollason
Wright Shuttleworth
John Alexander Urquhart
Henry Waggoner Van Hovenberg
Robert Odiorne Wood

263 Newbury Street

[194]



EXWYORD WILL



DELTA TAU DELTA

ESTABLISHED AT BETHANY COLLEGE, 1859

CHAPTER ROLL

Southern Division

Lambda		+			*				Cle.	*		Vanderbilt University	
Pi							20			2		University of Mississippi	
Phi												Washington and Lee Univers	ity
												Emory College	1
												University of the South	
Beta Iota												University of Virginia	
												Tulane University	
Gamma Eta .	1				0						P	George Washington Universit	y
Gamma Iota .			-			19			Q			University of Texas	

Western Division

Omicron																		University of Iowa
Beta Gamma .											4			9.				University of Iowa University of Wisconsin
Beta Eta							4											University of Minnesota
Beta Kappa .							45				3				*			University of Colorado
Beta Pi	6	100	1	-	1		-		12			4			V	100	1/4	Northwestern University
Beta Rho	0				1		1	18	*	10							28	Leland Stanford, Jr., University
Beta Tau												F,			9	1	38	University of Nebraska
Beta Upsilon .	3				4	3	*		0		×		3		8			University of Illinois
Beta Omega .	1	*					4	×	9	4	9	1			-	×	S.X	University of California
Gamma Alpha																		
Gamma Beta .	*	*		*			*	*	19		S.	10	*		*	2.5	91	Armour Institute of Technology
																		Baker University
																		University of Missouri
Gamma Mu .			1	*	100		1	*		1		*					68	University of Washington

Northern Division

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Beta								cv.		3								× 1	11047		Ohio University
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Delta			-			8		3	-	2			3		-						
Zeta Western Reserve University $Kappa$ Hillsdale College Mu Ohio Wesleyan University Chi Kenyon College $Beta$ Indiana University $Beta$ DePauw University $Beta$ University of Indianapolis $Beta$ Ohio State University $Beta$ Wabash College $Gamma$ $DePauw$ $Beta$ West Virginia University $Beta$ Purdue University $Gamma$ Aim Aim University of Cincinnati	Epsilo	n																				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Zeta			9						8	0		9			18	E	10	3			
$\begin{array}{cccc} \textit{Mu} & & \text{Ohio Wesleyan University} \\ \textit{Chi} & & \text{Kenyon College} \\ \textit{Beta Alpha} & & \text{Indiana University} \\ \textit{Beta Beta} & & \text{DePauw University} \\ \textit{Beta Zeta} & & \text{University of Indianapolis} \\ \textit{Beta Phi} & & \text{Ohio State University} \\ \textit{Beta Psi} & & \text{Wabash College} \\ \textit{Gamma Delta} & & \text{West Virginia University} \\ \textit{Gamma Lambda} & & \text{Purdue University} \\ \textit{Gamma Xi} & & \text{University of Cincinnati} \\ \end{array}$	Kappe	1				1					1		6		i.		H		2		bii	
$ \begin{array}{llllllllllllllllllllllllllllllllllll$																						
Beta Alpha Indiana University Beta Beta DePauw 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	Chi .										0					3		6				
Beta Beta Beta University of Indianapolis Beta Phi Ohio State University Beta Psi Wabash College Gamma Delta West Virginia University Gamma Lambda Purdue University Gamma Xi University University	Beta A	11/	ohe	2		i													3			
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	Beta I	Bet	a								8					-			0			DePauw University
Beta Phi Ohio State University Beta Psi Wabash College Gamma Delta West Virginia University Gamma Lambda Purdue University University of Cincinnati University of Cincinnati	Beta 2	Let	a										Ŕ					1				
Beta Psi. Wabash College Gamma Delta West Virginia University Gamma Lambda Purdue University University of Cincinnati	Beta F	h	i														14					
Gamma Delta	Beta I	81		-				23			3		13	8	8				3			Wabash College
Gamma Lambda	Gamm	a	De	elte	a						9	6		0	1	-	9		G			
Gamma At University of Cincinnati	Gamm	a	Lo	ım	bd	a	100		B		3			3	10				3		3	
D	Gamm	a	X	i							3					3						
Psi	Psi .	,									4									7.7 W.		Wooster University

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Eastern Division

Alpha							20						Allegheny College
Gamma													
Nu													
Rho													
Upsilon													Rensselaer Polytechnic Institute
Omega													University of Pennsylvania
Beta Lambda .													Lehigh University
Beta Mu	8			4							-		Tufts College
Beta Nu													
Beta Omicron .													Cornell University
Beta Xi													Brown University
Gamma Gamma													Dartmouth College
Gamma Epsilon													Columbia University
Gamma Zeta								1				7	Wesleyan University
Gamma Nu	- 34		4.1			40							University of Maine
Gamma Omicron					V.					1			Syracuse University

DELTA TAU DELTA

BETA NU CHAPTER

ESTABLISHED 1889

HENRY ANDREWS BABCOCK
KESTER BARR
JOHN LINCOLN BARRY, 3d
DAVID FRY BENBOW
LEROY READE BLOCK
GEORGE PHILIP CAPEN
THOMAS LOCK CHASE
STUART BROWN COPELAND
GEORGE BARR CURWEN

DONALD DES GRANGES

VINCENT GALLAGHER

CHARLES PARKER FISKE HENRY CHARLES FRISBIE Fratres

HAROLD GREENLEAF
KENNETH GREENLEAF
CHARLES FOSTER HOBSON
WALTER PARAMORE KEITH
THOMAS RIDGEWAY LATHROPE
STANLEY WALKER MERRILL
EDWARD MONTGOMERY
ALANSON PALMER, Jr.
JAMES BUCHANAN PIERCE, Jr.
WILLIAM HENRY PRICE, Jr.
HENRY ELWOOD ROGERS
HOWARD LYONS STONE
RUSSELL DIEMER WELLS

Fratres in Urbe

ALBERT FITCH BANCROFT
JOHN BECKER, Jr.
HOWARD P. BELKNAP
HERBERT SQUIRES CLEVERDON
ROBERT MORSE FOLSOM
RUFUS COFFIN FOLSOM
GEORGE FOSTER HOBSON
BEARDSLEY LAWRENCE

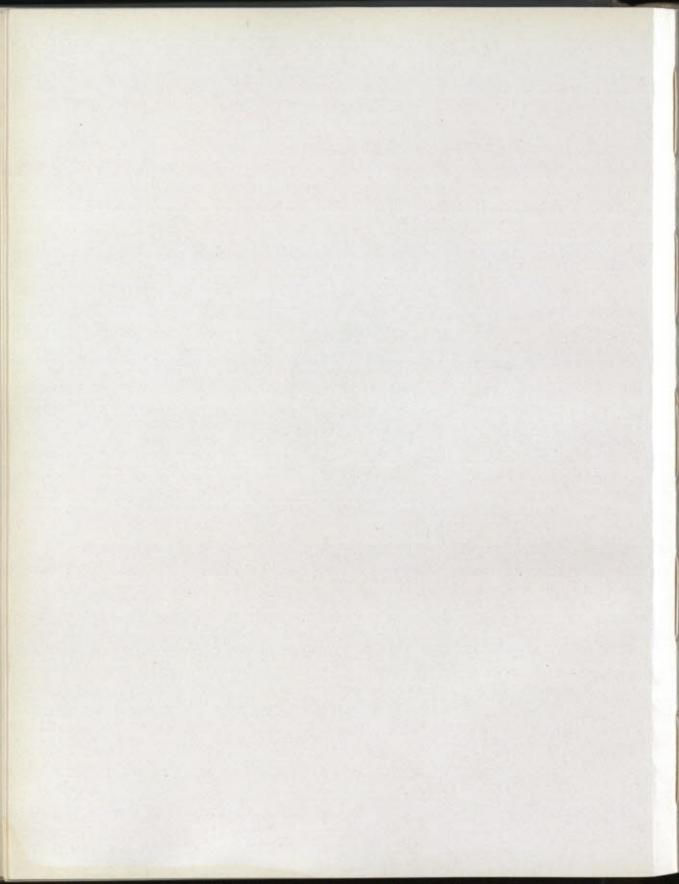
JOHN MILLER
JOHN LEWIS NEWELL
HENRY BODGE PENNELL
ROBERT ORNE RIDER
GEORGE ARNOLD ROCKWELL
ARTHUR LASSELL SHAW
FREDERICK POND SIMONDS
ERNEST J. H. WATERS

234 Newbury Street



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PHI GAMMA DELTA

ESTABLISHED 1848

Alpha	Washington and Jefferson College	Washington, Pa.
Lambda	De Pauw University	Greencastle, Ind.
Nu	Bethel College	Russellville, Ky.
44. 4	University of Virginia	Charlottesville, Va.
Xi	Pennsylvania 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 College	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	Wittenburg College	Springfield, Ohio
Zeta Phi.	William Jewell	Liberty, Mo.
Delta Xi	University of California	Berkeley, Cal.
Theta Psi	Colgate University	Hamilton, N.Y.
Delta Chi	Lehigh University	Bethlehem, Pa.
Gamma Phi	Pennsylvania State College	State College, Pa.
Iota Mu.	Massachusetts Institute of Technology	Boston, Mass.
**		
	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
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 Lafayette, 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, Jr., University Palo Alto, Cal.
Alpha Iota	Iowa State College Ames, Ia.
Chi Sigma	Colorado College Colorado Springs, Col.

PHI GAMMA DELTA

IOTA MU CHAPTER

ESTABLISHED 1889

Frater in Facultate HENRY PAUL TALBOT

Fratres

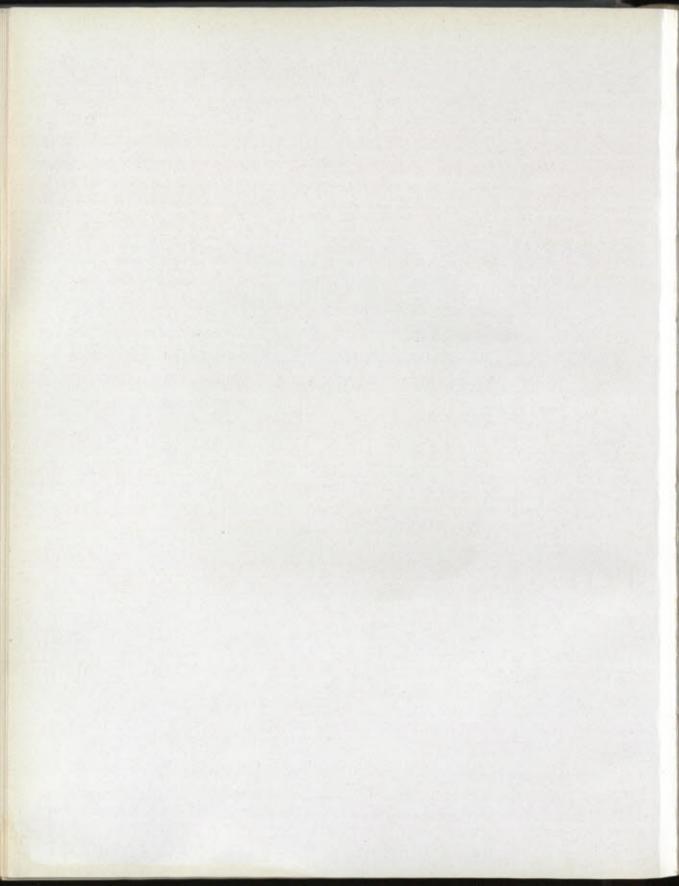
HAROLD SHELTON ARNOLD	HORACE BYRON FAY
ALLEN RUSSELL ATWATER	HENRY KENNETH FRANZHEIM
John Avery, Jr.	RUSSELL HASTINGS
PHILIP STEARNS AVERY	HAROLD ERIC KEBBON
DONALD EARL BENT	HOWARD ARCHIBALD MORRISON
WILLIAM HENRY BROTHERTON	CALEB CLARENCE PIERCE
CLAUDE FRANCIS CAIRNS	OSBORNE HARRIS SHENSTONE
JAMES RICHARDSON CARPENTER	FREDERICK JOHNSON SHEPARD, Jr.
FRED HAROLD DANIELS, Jr.	HENRY WILSON STUCKLEN
ROBERT CHILD DOREMUS	George Smyth Watson
GURDON IRVING EDGERTON	PERCY GREENE WHITMAN

FRANCIS WHITTEN, Jr.

12 Newbury Street

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PHI SIGMA KAPPA

ESTABLISHED 1873

MASSACHUSETTS AGRICULTURAL COLLEGE

Alpha	Massachusetts Agricultural College	Amherst, Mass.
Beta	Union University	Albany, N.Y.
Gamma	Cornell University	Ithaca, N.Y.
Delta	University of West Virginia	Morgantown, W. Va.
Epsilon	Yale University	New Haven, Conn.
Zeta	College of City of New York	New York City, N.Y.
Eta	University of Maryland	Baltimore, Md.
Theta	Columbia University	New York City
Iota	Stevens Institute of Technology	Hoboken, N.J.
Kappa	Pennsylvania State College	State College, Pa.
Lambda	George Washington University	Washington, D.C.
Mu	University of Pennsylvania	Philadelphia, Pa.
Nu	Lehigh University	South Bethlehem, Pa.
Xi	St. Lawrence University	Canton, N.Y.
Omicron	Massachusetts Institute of Technology	Boston, Mass.
Pi	Franklin and Marshall College	Lancaster, Pa.
Rho	Queen's College	Kingston, Ontario
Sigma	St. John's College	Annapolis, Md.
Tau	Dartmouth College	Hanover, N.H.
Upsilon	Brown University	Providence, R.I.
Phi	Swarthmore College	Swarthmore, Pa.
Chi	Williams College	Williamstown, Mass.
Psi	University of Virginia	Charlottesville, Va.
Omega	University of California	Berkeley, Cal.
Alpha Deuteron	University of Illinois	Champaign, Ill.
Beta Deuteron	University of Minnesota	Minneapolis, Minn.

PHI SIGMA KAPPA

OMICRON CHAPTER

ESTABLISHED 1902

Frater in Facultate
Charles B. Breed

Fratres

HAROLD SNELL BIRCHARD
ADOLPHE CHARLES CARDINAL
MARSHALL ERNEST COMSTOCK
FREDERICK LESTER CORTS
RICHARD BLODGETT CROSS
HOWARD SLOCUM CURRIER
MANUEL FONT
GUY NICHOLS HARCOURT
OTIS HUTCHINS
GEROULD TAYLOR LANE
HARRY LESTER MANLEY
FREDERICK FRANK MACKENTEPE
WILLIAM ANTHONY MAHONEY

ALFRED STANDISH MILLIKEN
ROBERT JOSEPH MURPHY
ROBERT BRADLEY NICHOLS
CHESTER HOWARD OBER
JOHN ALOYSIUS ROBERTS
WILLIAM GEYER RHOADES
WARREN JAMES SIMONDS
CHARLES SHAW
ELMORE FRANKLIN SHUSTER
BERNARD WOODBURY STEVENS
HERBERT DYER SWIFT
EDWARD MAYO TOLMAN
EDWIN OSGOOD UPHAM

Fratres in Urbe

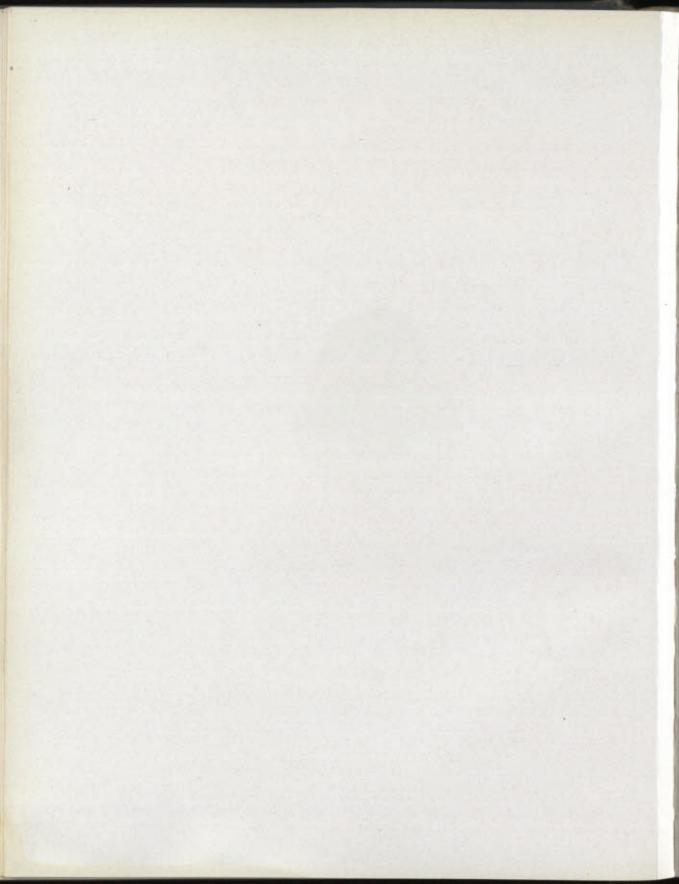
EUGENE BANFIELD HAROLD GILLILAND CRANE LESLIE GORDON GLAZIER JOHN BRAYTON HARLOW ARTHUR NELSON HASTINGS

RALPH WARREN HORNE EDWARD MANSON READ, Jr. RUDOLPH W. RIEFKOHL ROBERT PARKER SHERMAN EDMUND HINCKS SQUIRE

JOSEPH INGRAHAM TAYLOR

16 Exeter Street





THETA CHI

ESTABLISHED NORWICH UNIVERSITY, 1856

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				4	New Hampshire State College	

THETA CHI

BETA CHAPTER

ESTABLISHED 1902

Fratres

FREDERIC RUTHERFORD BARKER
WILLIAM ELLSWORTH BARNES, Jr.
ELDRED EDWARD BESSE
HAROLD HASTY BRACKETT
HAROLD CHESTER BROWN
WILLIAM STORER BURLEIGH
CHARLES FREEMAN CROMMETT
HENRY FRANCIS DOLLIVER
WILLIAM NOEL DREW
WALTER PERRY GREEN
EDWARD RUSSELL HALL
FRED CLEMENT HERSOM
ALFRED LANSING HIGGINS
WILLIS KENNEDY HODGMAN, Jr.

ALFRED FRANKLIN KENRICK
HAROLD STOWELL LORD
MORELL MACKENZIE
ROY GAY MACPHERSON
ROBERT EMERY MORSE
JONATHAN ALVAN NOYES
ALFRED FRANCIS NYE
STANLEY WALLACE PARKER
CHESTER LAWRENCE PEPPER
HAROLD MORRILL RAND
GEORGE WILLIAM RICHARDS
FOSTER RUSSELL
FRANK SAMUEL SINNICKS
VERNON GREGORY SLOAN

HAROLD ALFRED SMITH

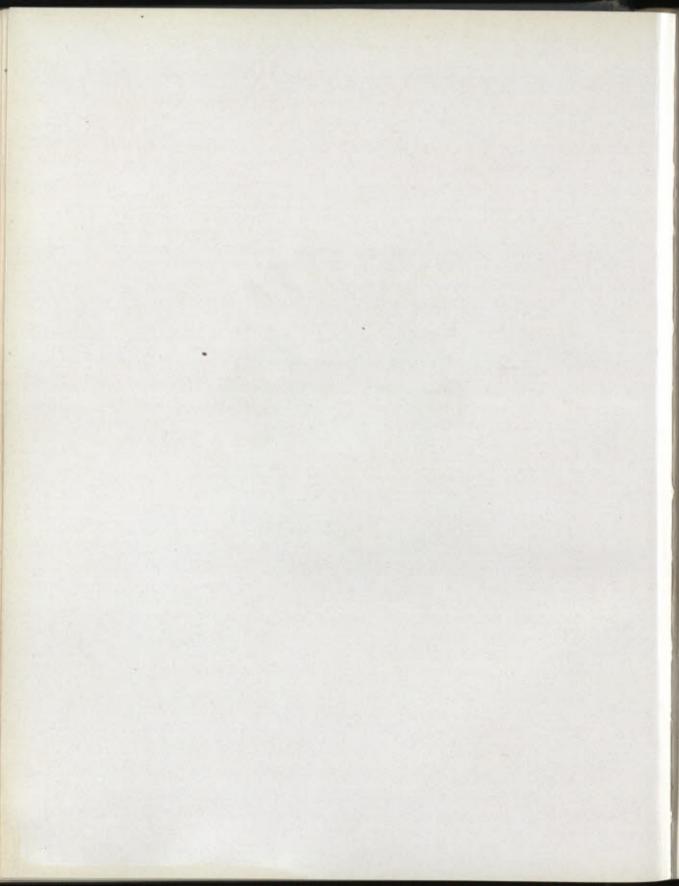
Fratres in Urbe

CHESTER SIMMONS COLSON
ORRIN JAMES CROMMETT
HAROLD CUSHING FAXON
HUBERT WILLIAM FLAHERTY
RAYMOND CELDEN FOSTER
HERBERT PERCIVAL HOLLNAGEL
EDWARD RUDDOCK HYDE
JAMES WILLIAM KIDDER
HAROLD LOCKE LANG
CLARENCE EMMET LASHER
JOHN HAROLD LOCKE

SHERMAN LOUGEE
FRED RICHARDS LUFKIN
HERMAN WILLIAM MAHR
ROLAND EVERETT PAGE
ROBERT EDWARD POLLOCK
WALTER EVERETT POOR
JOHN CULLITON TUTTLE
PAUL BARRON WEBBER
THOMAS GRAY WEBBER
RODNEY WHEELER
CHESTER WORCESTER WILSON

29 Cumberland Street





PHI KAPPA SIGMA

FOUNDED AT 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	Charlottesville, Va.
Iota	Columbia University	New York City
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	West Virginia University	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	Tuscaloosa, 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.

ALUMNI CHAPTERS

Philadelphia	Chicago	New York	Baltimore
Richmond	New Orleans	Pittsburg	Southern California

PHI KAPPA SIGMA

ALPHA MU CHAPTER

ESTABLISHED 1903

Fratres in Facultate

Dugald C. Jackson

WILLIAM H. WALKER

Fratres

KENNETH CARTWRIGHT
OLIN VIVIAN CHAMBERLIN
GEORGE HALL CLARK
WILLIAM HASKINS COBURN
KENNETH WINSLOW FAUNCE
WILLIAM DEWEY FOSTER
ELLIOT HOWES GAGE
HENRY ORANGE GLIDDEN
SAMUEL LE ROY HAYES
LAURENCE TODD HEMMENWAY
ARTHUR ENOCH HOWLETT
JOHN HENRY LENAERTS

MORRIS MILLS LEONARD
WARD CONANT LOVELL
CHARLES HENRY MILLS
CHESTER TOTTEN MOREY
SAMUEL EVAN ROGERS, Jr.
GEORGE HARRINGTON SICKELS
ROBERT CLARENCE STOBERT
PAUL HUSE TAYLOR
PAUL CHARLES WARNER
HAROLD GEORGE WATKINS
WALTER LUCIUS WHITEHEAD
HERBERT LOUIS WOEHLING

Fratres in Urbe

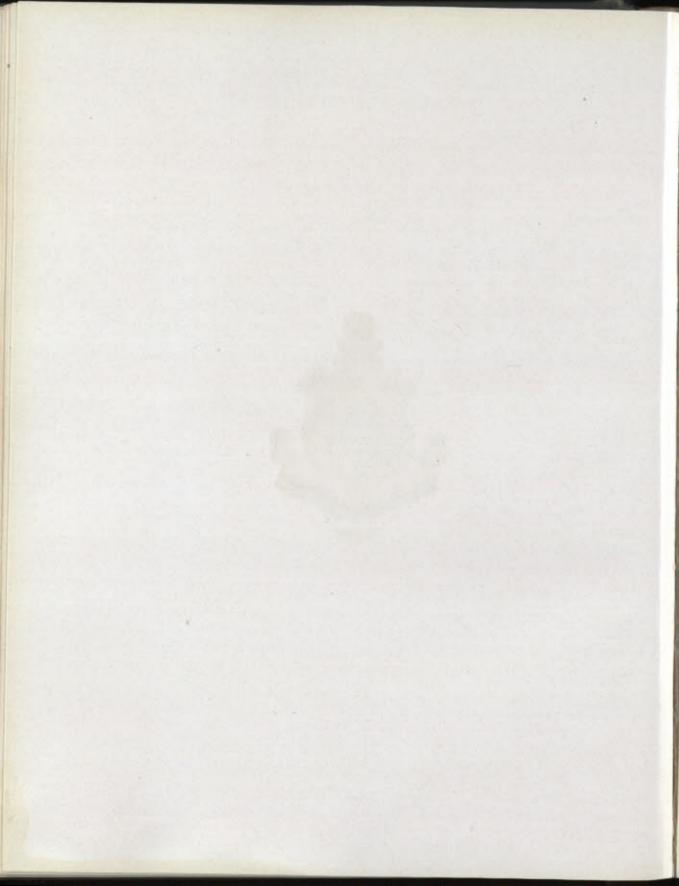
CHARLES E. ABBOTT WILLIAM C. ADAMS HERBERT L. ADAMS JOHN E. BEARD GOTTHARD W. CARLSON BERTRAND L. CHAPMAN GROVER T. CORNING Hon. George G. Crocker CLARENCE W. DOW ALEXANDER ELLIS. Jr. Wesley C. Elliott George I. Emerson ROBERT D. FARRINGTON Samuel D. Gloss CHARLES M. GREEN ROY G. HAMLIN ATHERTON H. HARLAN

ROY M. HENDERSON George K. Huntington WILLIAM B. JACKSON Rev. D. M. James HENRY F. KING CHARLES E. LANG WILLIAM O. LICHTNER JOHN T. LINDLEY ELMER MCKARAHAN ARTHUR S. MOORE W. Bedford Moore, Jr. WILLIAM NELSON DANIEL H. REAMY KONRAD F. SCHREIRER ABBOTT H. THOMPSON FRANKLIN T. TOWLE CHARLES F. UNDERHILL

Dr. DAVID H. WALKER

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ALPHA TAU OMEGA

FOUNDED AT VIRGINIA MILITARY INSTITUTE IN 1865

CHAPTER ROLL

PROVINCE I

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

PROVINCE II

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

PROVINCE III

Camma Inta	University of California Berkeley, Cal.
	University of Colorado Boulder, Col.
Beta Alpha	Simpson College Indianola, Ia.
Gamma Upsilon	Iowa State College Ames, Ia.
Gamma Mu	University of Kansas Lawrence, Kan.
Gamma Nu	University of Minnesota Minneapolis, Minn,
Gamma Rho	University of Missouri Columbia, Mo.
	University of Nebraska Lincoln, Neb.
	University of Washington Seattle, Wash.
	University of Oregon Eugene, Ore,

PROVINCE IV

Beta Upsilon	University of Maine	Orono, Me.
Gamma Alpha	Colby College	Waterville, Me.
	Massachusetts Institute of Technology	
	Tufts College	
Gamma Sigma		Worcester, Mass.
Gamma Delta	Brown University	Providence, R.I.
	University of Vermont	

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PROVINCE V

Alpha Omiero	n						St. Lawrence University Canton, N.Y	
Beta Theta .							Cornell University Ithaca, N.Y.	
Alpha Iota .							Muhlenberg College Allentown, P.	n.
Alpha Pi						-	Washington and Jefferson College Washington,	Pa.
Alpha Rho .			.,,		A		Lehigh University South Bethle	hem, Pa.
Tau		8					University of Pennsylvania Philadelphia,	Pa.

PROVINCE VI

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

PROVINCE VII

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

PROVINCE VIII

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

ALPHA TAU OMEGA

BETA GAMMA CHAPTER

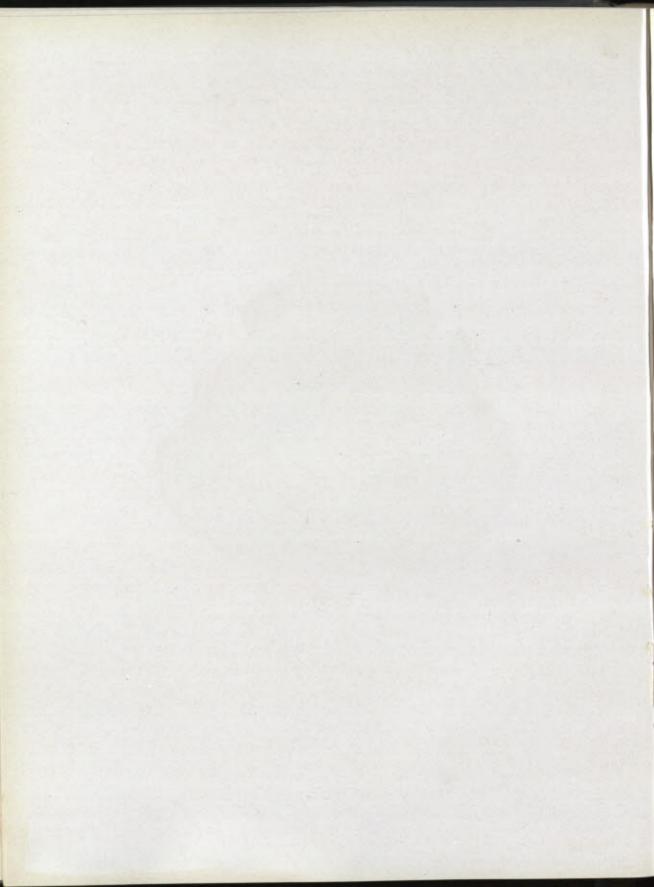
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THETA DELTA CHI

ESTABLISHED 1848

THE CHARGES

Beta	Cornell University
Gamma Deuteron	University of Michigan
Delta Deuteron	University of California
Epsilon	College of William and Mary
Zeta	Brown University
Zeta Deuteron	McGill University 1901
Eta	Bowdoin University
Eta Deuteron	Leland Stanford, Jr., University 1903
Theta Deuteron	Massachusetts Institute of Technology 1890
Iota	Harvard University
Iota Deuteron	Williams College
Карра	Tufts College
Kappa Deuteron	University of Illinois
Lambda	Boston University
Mu Deuteron	Amherst College
Nu	University of Virginia
Nu Deuteron	Lehigh University
Xi	Hobart College
Omicron Deuteron	Dartmouth College
Pi Deuteron	College of the City of New York
Rho Deuteron	Columbia University
Sigma Deuteron	University of Wisconsin
Tau Deuteron	University of Minnesota
Phi	Lafayette College
Chi	University of Rochester
Chi Deuteron	George Washington University 1896
Psi	Hamilton College

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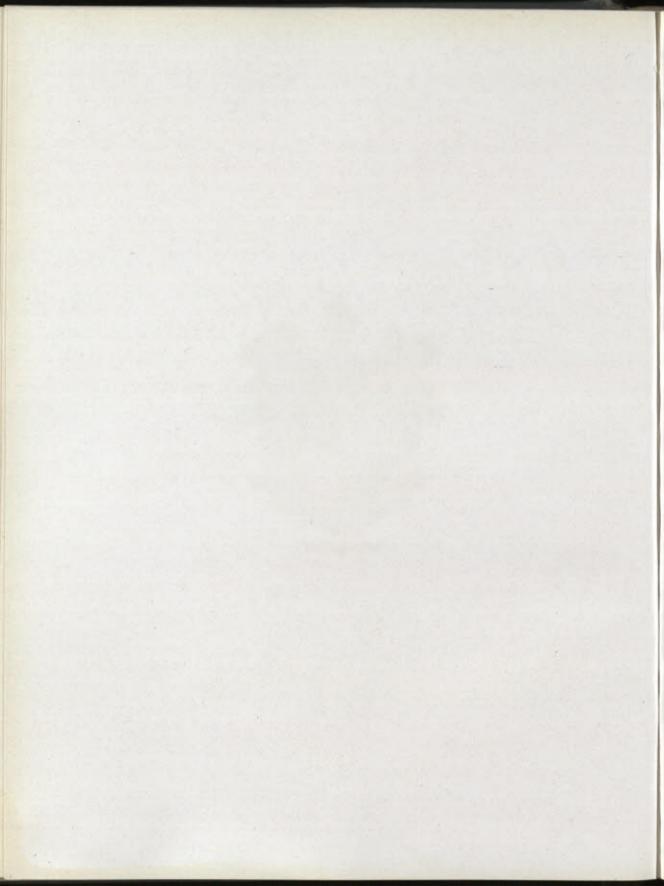
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Founded 1906

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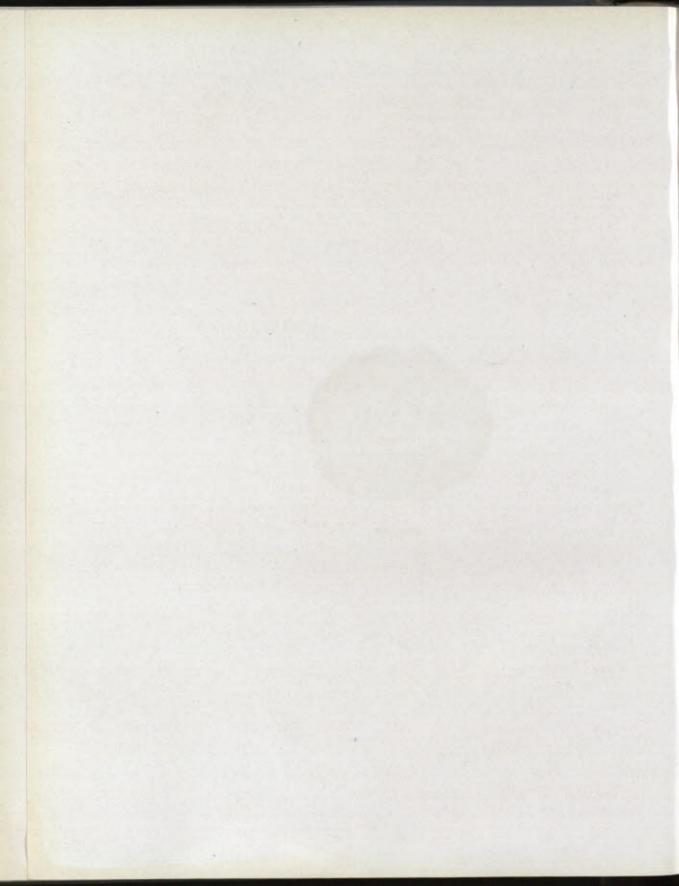
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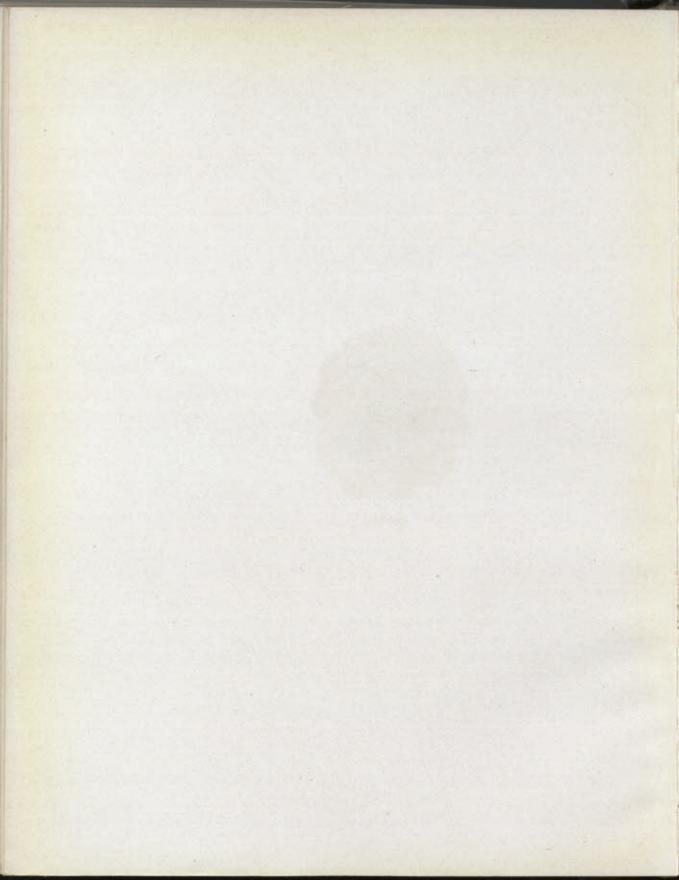
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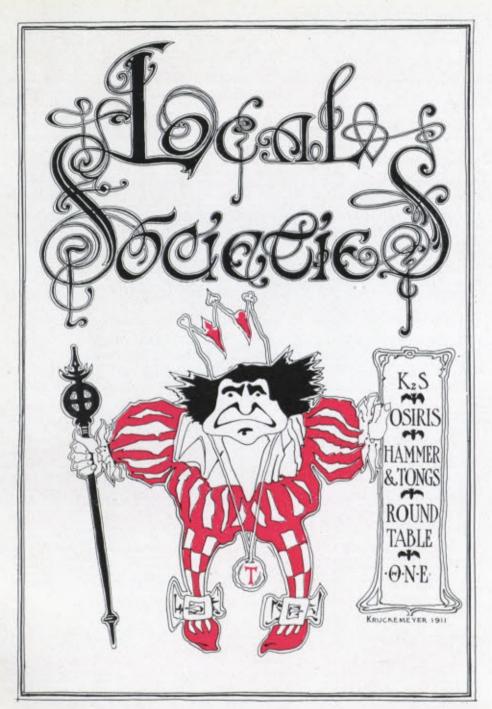
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Sigma Chi	 23 Phi Gamma Delta							2	23
Theta Xi	 15 Phi Sigma Kappa						0.5		26
Delta Psi	 18 Theta Chi					1	1		29
Chi Phi	20 Phi Kappa Sigma	20		988	100		9.	7	24
Delta Kappa Epsilon									
Phi Beta Epsilon	 25 Theta Delta Chi .		,						29
Delta Upsilon	 19 Lambda Phi								16
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Delta Tau Delta									378



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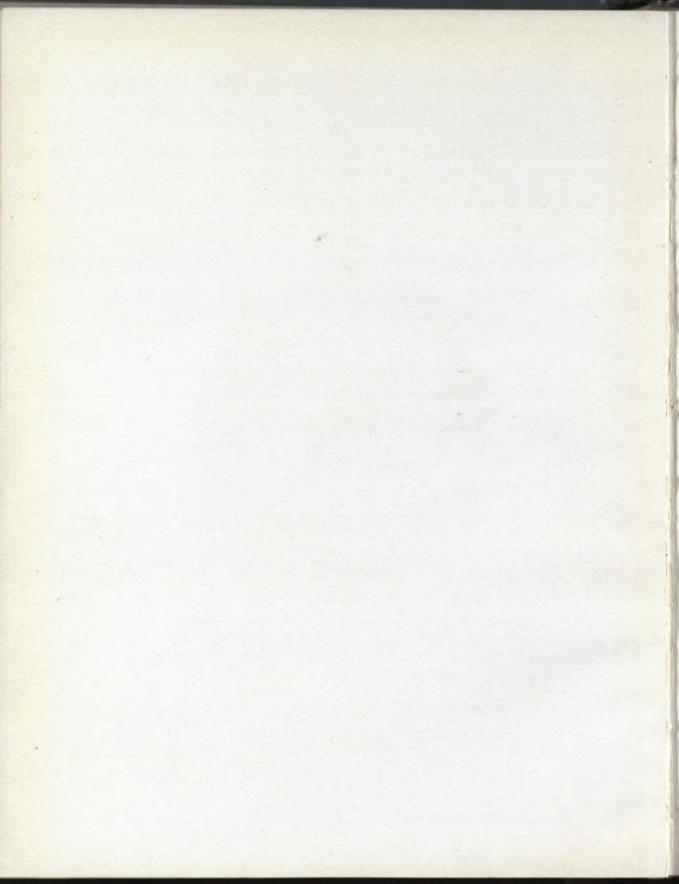
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Queen Guinever
ARTHUR CALBRAITH DORRANCE

Merlin

Donald Higgins Van Deusen

Knights

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1913

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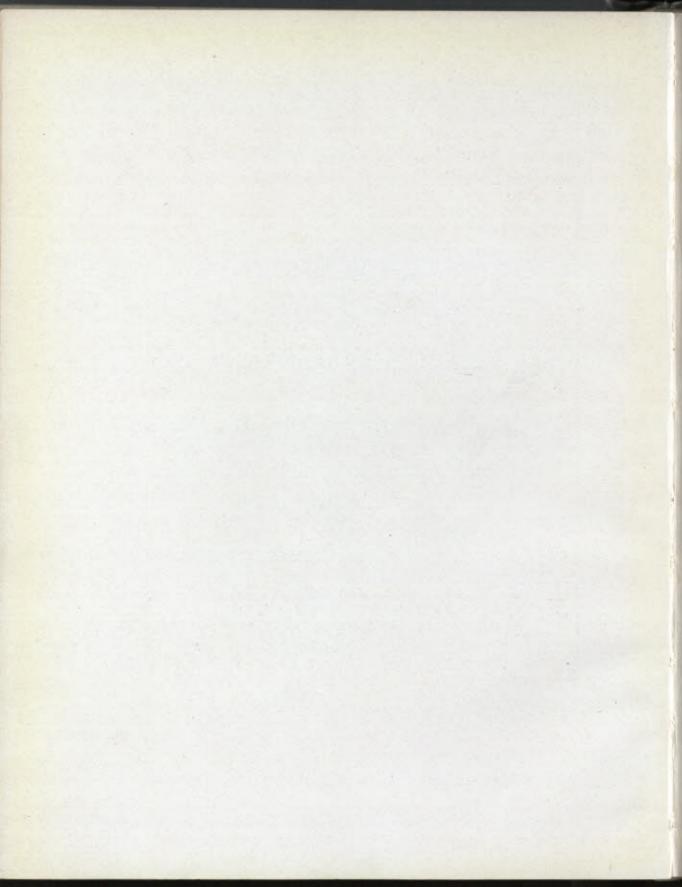
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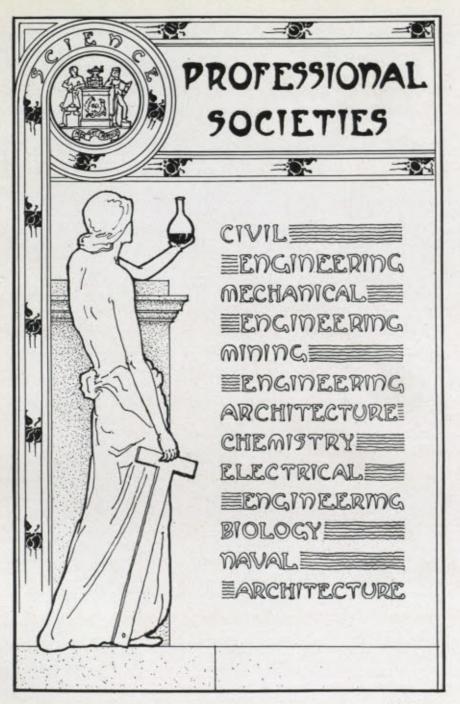
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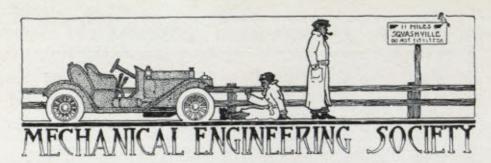
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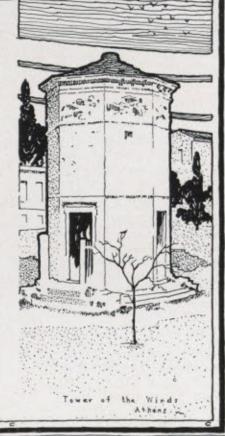
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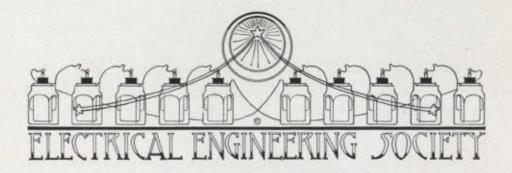
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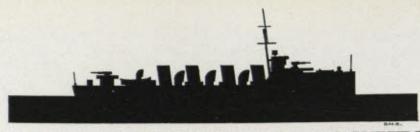
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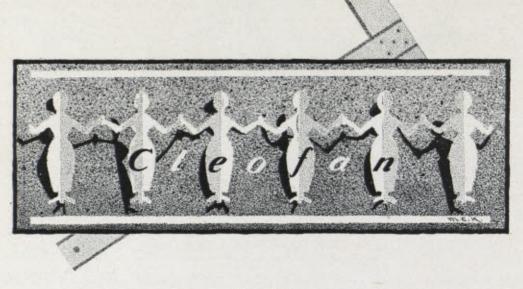
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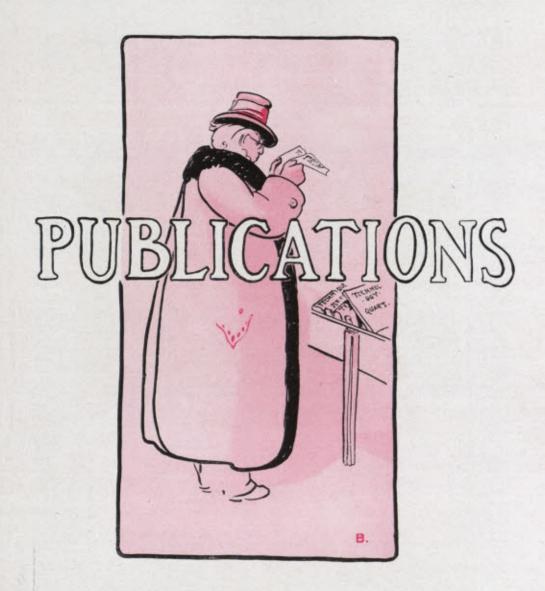
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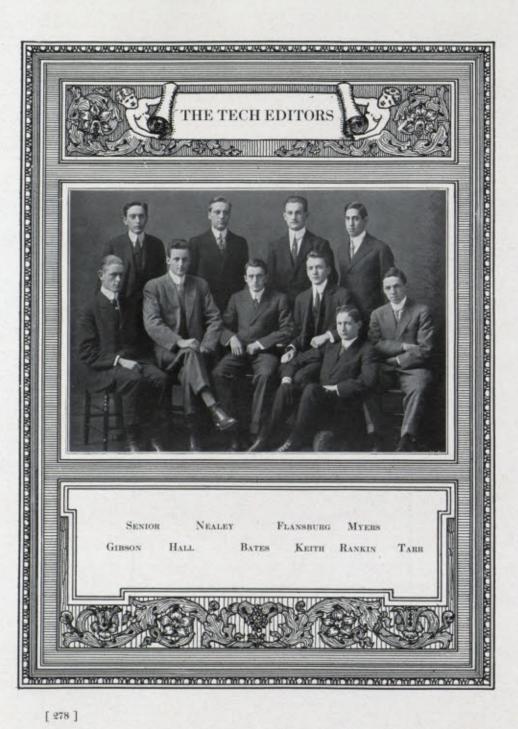
MAURICE R. SCHARFF

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TECHNIQUE RUSH, 1910







THE TECH

X NO.44

BORYON, MASS. SAYURDAY, NOVEMBER 26, 1910

LETO

COLLEGE GRADS AT

NEW PLANS ANNOUNCED . MENTOR DO

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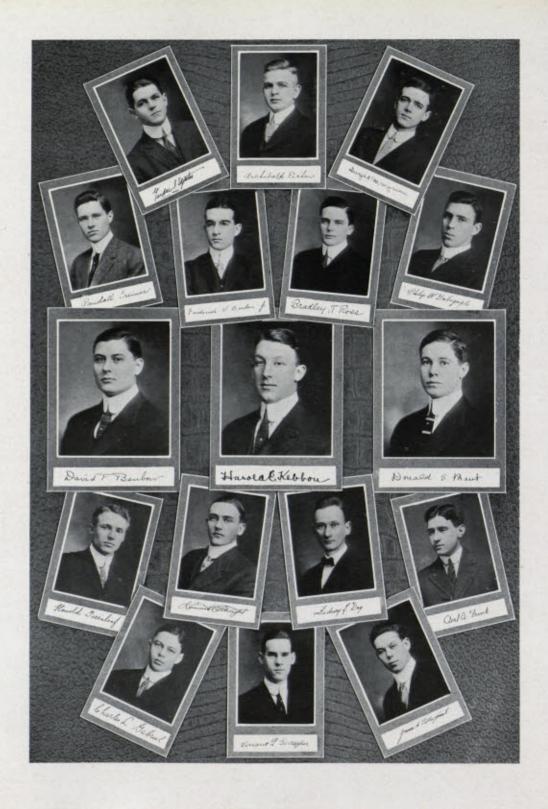
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HISTORY OF "THE TECH"

N 1881 The Tech made its first appearance, and was published bi-weekly. After twelve years it was changed to a weekly, but it was not until the fall of 1904 that it became a real news sheet, published tri-weekly. It proved to be very popular, and contained live Technology items of interest, and served furthermore to bind the undergraduates more firmly together by publishing notices of all class and Institute activities. Last year another important step was taken, for the paper was changed to a daily, and The Tech now enjoys a circulation of 1,000 copies.

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HISTORY OF "TECHNIQUE"

TECHNIQUE was first published in 1885 by the Class of 1887, and was an unassuming pamphlet of 152 pages, bound with a paper cover. It, however, created a great demand for a book of this kind, and the editors of Technique, 1889, got out a cloth-bound edition which proved to be very popular. From this time on each year witnessed an improvement, until now it ranks with the best college annuals in the country. The editors are all elected from the Junior Class by an Electoral Committee appointed by the class.

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THE TECHNOLOGY REVIEW is published monthly during the school year by the Alumni Association. 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 actions 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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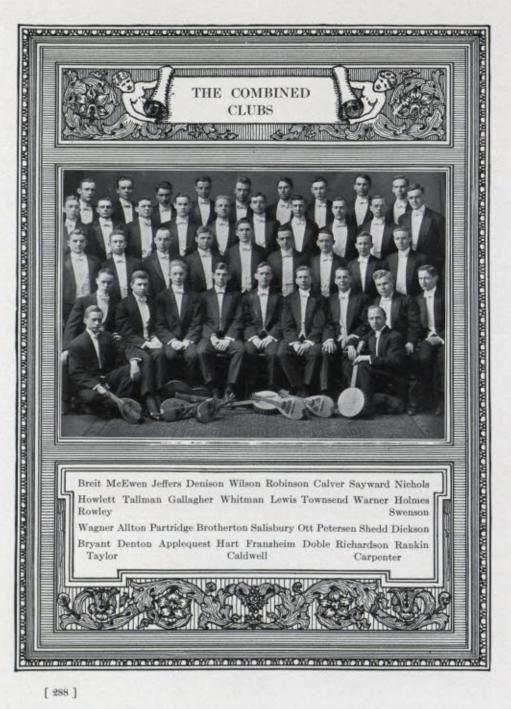
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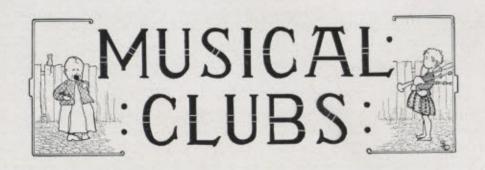
JOHN HENRY SCARFF, 1910

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HENRY KENNETH FRANZHEIM, 1913 SAMUEL WOODWORTH SELFRIDGE, 1913

CONCERTS OF THE MUSICAL CLUBS, SEASON 1910-11

November 20. Auburndale, Norumbega Hall.

December 16. Winter Concert, Copley Hall.

January 4. Providence, K A Θ Fraternity.

January 20. Randolph, Men's Club.

February 7. Chelsea, Williams School. February 21. Wellesley, Wellesley Hills Lawn Tennis Association.

February 22. Northampton, Academy of Music.

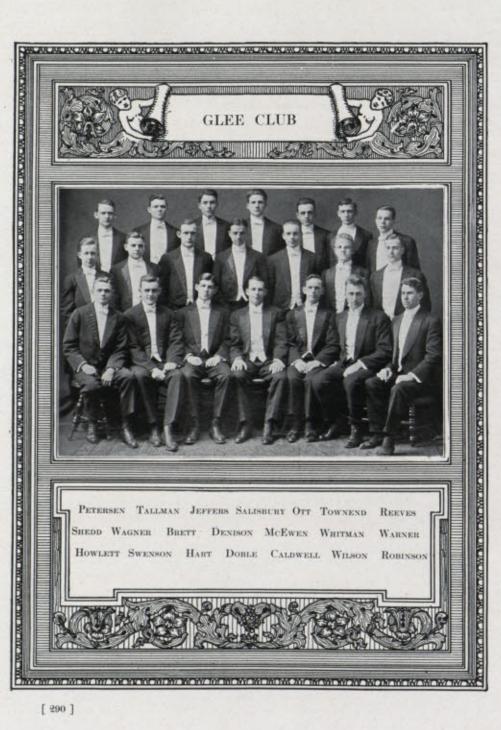
March 7. Waverley, Waverley Hall.

March 14. Dorchester, Dorchester Temple.

March 20. Lynn. April 6. Everett.

April 10. Symphony Hall, Technology Congress.

April 19. Spring Concert, Copley Hall.





Leader
Philip Lord Caldwell, 1911

Manager

Laurence Collette Hart, 1913

First Tenors.

PHILIP LORD CALDWELL, 1911 GILBERT ALBERT WAGNER, 1914 ALBERT OLOF WILSON, 1911 VERNON M. F. TALLMAN, 1914 JOHN EDWARD CROWLEY, 1911 RALPH NELSON DOBLE, 1911

Second Tenors.

WILLIAM ROBERT McEWEN, 1914
ASKEL MAURIS PEDERSON, 1912
ON, 1911
GEORGE OTT, Jr., 1914
PAUL ELLS JEFFERS, 1913
WLEY, 1911
BLE, 1911
HALSEY BOARDMAN HORNER, 1913
LAWRENCE GLEASON ODELL, 1911

First Basses.

CLARENCE WILLIAM BRETT, 1913 FREDERICK LESTER CORTS, 1911 ARTHUR ENOCH HOWLETT, 1913 GUY ANDREW SWENSON, 1912 PERCY GREEN WHITMAN, 1913

Second Basses.

Laurence Collett Hart, 1913
Bartow Vanderwater Reeves, 1912
Kenneth Caleb Robinson, 1911
Ralph Salisbury, 1913
Robert Vose Townend, 1914

P. W. SHEDD, 1914

Accompanists

ORVILLE BOARDMAN DENISON, 1911 ARTHUR FRANCIS LEARY, 1911

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Leader

JEROME ANTHONY APPLEQUEST, 1911

Manager

HENRY HINMAN PARTRIDGE, 1912

First Mandolins

JEROME ANTHONY APPLEQUEST, 1912
JAMES RICHARDSON CARPENTER, 1911
WILLIAM BYRES DENTON, 1911
HENRY KENNETH FRANZHEIM, 1913
PAUL BARRY OWEN, 1914
CHARLES BACON ROWLEY, 1912
RICHARD HARRIMAN SCANLON, 1912

Third Mandolins

WILLIAM HENRY BROTHERTON, 1914 HOMER NORTHUP CALVER, 1914 Ross Henry Dickson, 1914 JAMES THOMAS HOLMES, 1913

'Cello

WILLIAM ALLEN BRYANT, 1913

Second Mandolins

ROBERT ADAMS ALLTON, 1913 ROBERT BRADLEY NICHOLS, 1913 SAMUEL WOODWORTH SELFRIDGE, 1913 HENRY WILLIAM STUCKLEN, 1911 EDWARD CHARLES TAYLOR, 1914

Guitars

Malcolm Lewis, 1913 Malcolm Joseph Sayward, 1914 Thorne Lake Wheeler, 1911 Chester P. Davis, 1914

Flute

HENRY HINMAN PARTRIDGE, 1912

Violin

ADOLPH MARTIN EISENBERG, 1912

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Leader

Wallace Dunster Richardson, 1911

Banjeaurines

Wallace Dunster Richardson, 1911 Ralph Smedberg Rankin, 1913

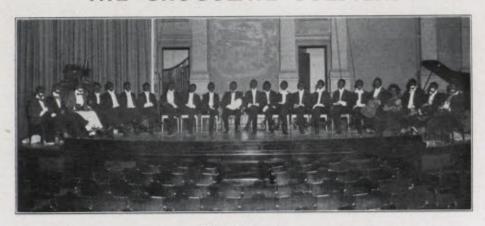
Banjos

RAYMOND BONTECOU HAYNES, 1913 VINCENT LEO GALLAGHER, 1912

Guitar

Malcolm Lewis, 1913

"THE CHOCOLATE SOLDIERS"



The Interlocutor VERNON G. SLOAN, 1912

The End Men

KENNETH C. ROBINSON, 1911 LAWRENCE G. ODELL, 1912 J. EDWARD CROWLEY, 1912

CHARLES F THOMPSON, 1914 WELLESLEY J. SELIGMAN, 1912 WALLACE D. RICHARDSON, 1912

The Other Soldiers

DONALD E. BENT, 1912 EDMUND G. BROWN, 1912 LLOYD C. COOLEY, 1911 PHILIP W. DALRYMPLE, 1912 ORVILLE B. DENISON, 1911 RALPH H. DOANE, 1911

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RICHARD H. RANGER, 1911 NATHANIEL S. SEELEY, 1911 ERWIN H. SCHELL, 1912 GUY A. SWENSON, 1912 ALEXANDER W. YEREANCE, 1912

The Echo Quartet

Mr. CROWLEY

Mr. Swenson Mr. ODELL

Mr. Robinson

At the Piano Mr. Schell and Mr. Denison

The Program

1.	OPENING CHORUS					177															
0	LOVEY JOE								,					-				2		. Mr. 0	del
3.	THEY WANT US TO QUIT MAKING		NO	ISE						*				-	1			4	- 4	Ir. Kobin	1801
4.	Banjo Solo			12		10			1		9								$M\tau$. Richard	lson
5.	MEET ME IN DREAMLAND						4	OB.			100	41	110		31	r.		roi	vley	and Qua	irte
6.	PUT YOUR ARMS AROUND ME .	94							16	00				ō.	-	16	10			. Mr. Fu	ille
7.	TRAVEL, TRAVEL, LITTLE STAR .	5.5	2.0				,			V.		4.	×.				1			Mr. Eu	che
8.	PLAY THAT BARBER-SHOP CHORD	1.					-				+				1		20	-		Mr. Keb	iboi
9.	ALL THAT I ASK IS LOVE	34		N.			4	4				.5	V.	À.	M	Lr.	. (roi	wley	and Qua	urte
10.	ANY LITTLE SITE					200				40						-				. Mr. I'	ear
11.	WINTER		×		1	+									M	r.	S	ven	ison	and Qua	irte
12.	THE BELLE OF THE BARBERS' B	AI	L						-		W.	7			-		3	- 4	A	1r. Selign	nai
13.	GUITAR SOLO		4	-		8	*			4							-	-	1	dr. O Fai	rrel
14.	STOP! STOP! STOP!				0		+	*			9		4				- 4		M	r. Thomp	10%
15.	SUGAR MOON	+		100	4			28	,	10			2)							Mr. E	sen.
16.	PIANOLOGUE							8	,	×.				4						Mr. Den	801
																			1	295]	

TECHNOLOGY ORCHESTRA

Conductor

RUPEN EKSERGIAN, 1912

First Violins

A. M. EISENBERG, Concert-master Theo. K. Kreuger, 1914 Roy A. Randall, 1913 Nathan Levy, 1911 William Schmiedeki, A.B., 1912 Paul E. Rudolph, 1913 William L. Collins, 1912 Louis A. Schartzburg, 1913

Second Violins

Suren Bogdasarian, 1911 Chester H. Ober, 1914 Geo. B. Brigham, 1913 Morris F. Hall, 1913

'Cellos

Edgar H. Davis, 1914 Paul Kellogg, 1911 Herbert A. Sweet, 1913

Clarinets

ROBERT J. TULLAR, 1913 JAMES H. DEVINE, 1912 WM. G. O'BRIEN, A.B., 1912

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N. E. Brooks, 1913, Manager Robert O. Woods, 1911 Ralph F. Symonds, 1912

Trombones

T. B. LAWLER RAYMOND STEWART, 1912

Bass

RAYMOND H. WHITE, 1913

Flutes

WILLIAM D. STEVENS, 1913 EDWARD E. SMITH

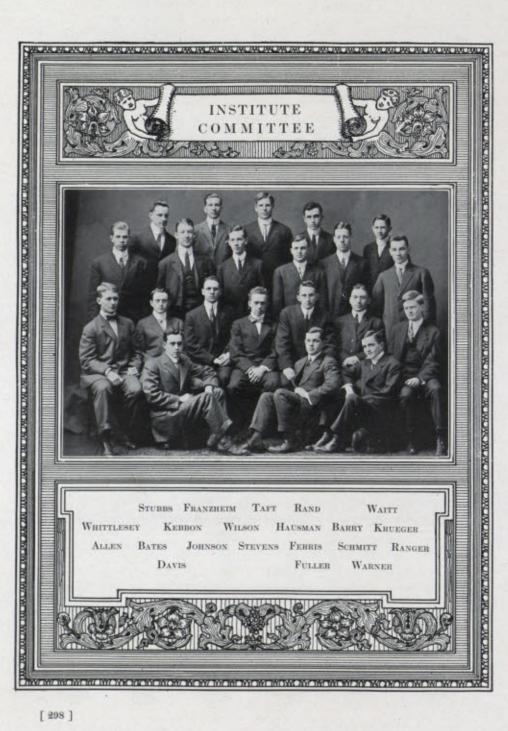
Drums

R. S. Wolfe, A.B., 1912

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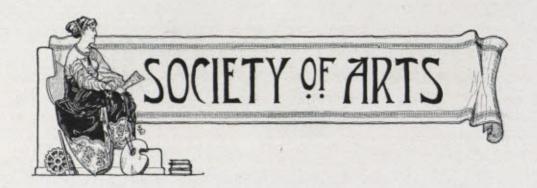
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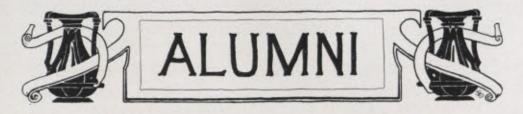
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Sergeants: Gordon U. Stewart, Solomon M. Ginsburg, Albert C. Sherman, Jr., Frederick B. Barnes.

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1894, S. C. PRESCOTT
1895, ANDREW D. FULLER

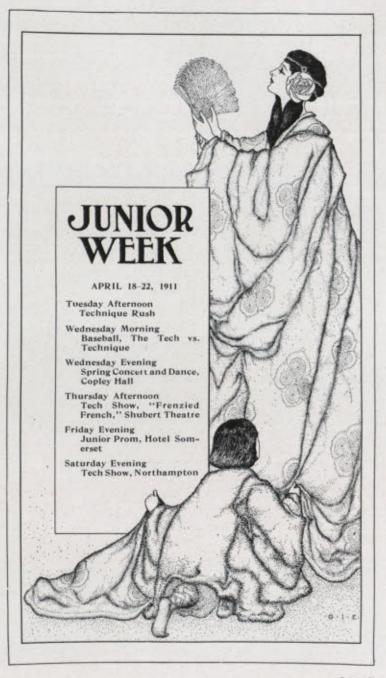
1896, J. A. ROCKWELL

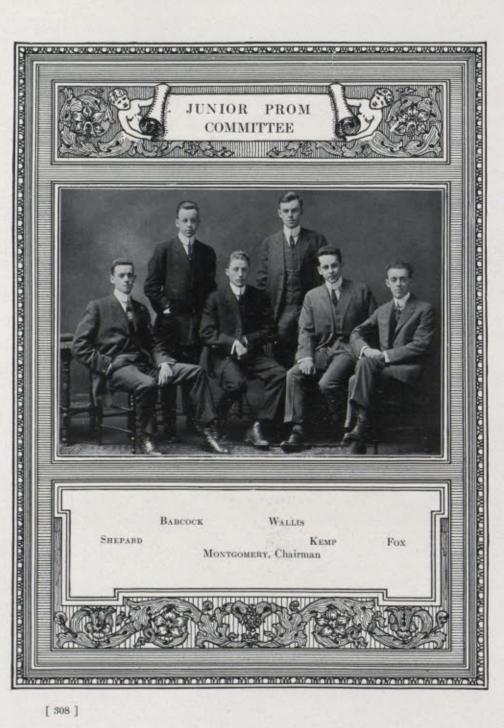
1897, C. W. Bradlee 1898, W. Hollis Godfrey 1899, H. J. Skinner 1900, N. J. Neall 1901, Robert L. Williams 1902, F. H. Hunter 1903, Ralph H. Nutter 1904, M. L. Emerson 1905, G. Dew. Marcy 1906, John J. Donovan 1907, Lawrence Allen 1908, H. T. Gerrish 1909, M. R. Scharff 1910, Herbert S. Cleverdon Local Societies with Representation on the Council

Technology Club of the Merrimack Valley, John C. Chase, 1874
Technology Club of New York, Francis C. Green, 1895
North-Western Association, M. I. T., I. W. Litchfield, 1885
Pittsburg Technology Association, Harry A. Rapelye, 1908
Technology Club of Philadelphia, Percy E. Tillson, 1906
Washington Society of the M. I. T., I. W. Litchfield, 1885
Technology Club of Milwaukee, I. W. Litchfield, 1885
M. I. T. Club of Central New York, James P. Barnes, 1895
The Cincinnati M. I. T. Club, John A. Hildabolt, 1875
Technology Club of Northern Ohio, John E. Kreps, 1887
Technology Club of Rhode Island, E. B. Homer, 1885
Technology Club of Puget Sound, I. W. Litchfield, 1885

Other Local Societies not yet Appointed a Representative on the Council

TECHNOLOGY CLUB OF BUFFALO
TECHNOLOGY CLUB OF CENTRAL PENNSYLVANIA
TECHNOLOGY CLUB OF THE CONNECTICUT VALLEY
DETROIT ASSOCIATION OF THE M. I. T.
TECHNOLOGY CLUB OF HABTFORD, CONN.
INLAND EMPIRE ASSOCIATION OF THE M. I. T.
TECHNOLOGY CLUB OF MINNESOTA
TECHNOLOGY CLUB OF NEW BEDFORD
TECHNOLOGY ASSOCIATION OF NORTHERN CALIFORNIA
TECHNOLOGY ASSOCIATION OF OREGON
ROCKY MOUNTAIN TECHNOLOGY CLUB
TECHNOLOGY CLUB OF THE SOUTH
TECHNOLOGY CLUB OF SOUTHERN CALIFORNIA
VERMONT TECHNOLOGY ASSOCIATION
BROOKLINE TECHNOLOGY ASSOCIATION







HOTEL SOMERSET

FRIDAY EVENING, April 21, 1911

Matrons

Mrs. W. Murray Crane Mrs. Eugene N. Foss Mrs. Richard C. Maclaurin Mrs. George Wigglesworth

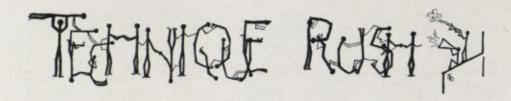
Patronesses

Mrs. Alfred E. Burton Mrs. Desiré Despradelle Mrs. Davis R. Dewey Mrs. Dugald C. Jackson Mrs. Gaetano Lanza Mrs. Allyne L. Merrill Mrs. Frank H. Rand Mrs. Charles M. Spofford

Mrs. HENRY P. TALBOT

1912 Junior Prom Committee

EDWARD MONTGOMERY, Chairman HENRY ANDREWS BABCOCK RUDOLPH HERZER FOX HENRY DONALD KEMP FREDERICK J. SHEPARD, Jr. RICHARD PARKER WALLIS



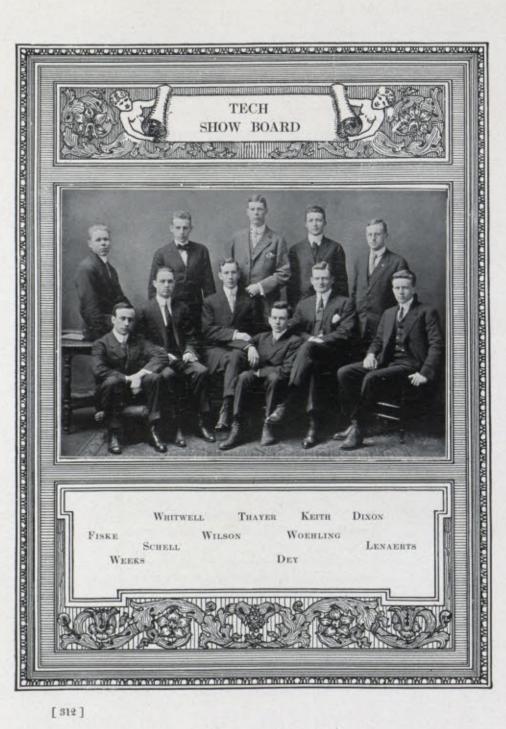
The men who have succeeded in winning the first copy of Technique in the Annual Rush for the last six years are:—

Technique, 1906	 MARDEN WARNER HAYWARD Tie VICTOR HUGO PAQUET
Technique, 1907	 JOHN HOLLAND LEAVELL
Technique, 1908	 EDWARD RICHARD SMITH
Technique, 1909	 JOHN HAMILTON RUCKMAN
Technique, 1910	 STEWART ROSS ROBERTSON
Technique, 1911	 STEWART ROSS ROBERTSON



A SECOND AFTER THE GUN WAS FIRED





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THE MANAGEMENT

IRVING WHITE WILSON, 1911												LA		General Manager
JOHN H. LENAERTS, 1912	-									-				Business Manager
ROBERT W. WEEKS, 1913	,	×						0		40			40	Assistant Business Manager
WALTER P. KEITH, 1914														Assistant Business Manager
Donald R. Dixon, 1914		1		*			4		×			-	4	Assistant Business Manager
ERWIN H. SCHELL, 1912			1		04				30	6		1		Stage Manager
GEOFFREY R. THAYER, 1913							-	a				,		Assistant Stage Manager
Charles P. Fiske, 1914			,				,		. 10					Assistant Stage Manager
HERBERT L. WOEHLING, 1912	-													Publicity Manager
KINSLEY VAN R. DEY, 1913													100	
George E. Whitwell, 1914											7			Assistant Publicity Manager

Alumni Advisory Committee

I. W. LITCHFIELD, 1887

M. L. EMERSON, 1904

PREVIOUS TECH SHOWS

- 1910. "The Queen of the Cannibal Isles." Authors, EDWIN C. VOSE, 1911, and CLARENCE A. STEWART, 1912. General Manager, DUDLEY CLAPP, 1910.
- 1909. "That Pill Grimm." Author, Sydney Arnold Malcom, 1909. General Manager, Garnett Alfred Joslin, 1909.
- 1908. "Over the Garden Wall." Author, George C. Westervelt, 1908. General Manager, Frederick A. Dewey, 1909.
- 1907. "William, Willie, and Bill." Author, Edwin W. James, 1907. General Manager, Alexander Macomber, 1907.
- 1906. "The Freshman." Author, George Henry Bryant, 1907. General Manager, Ray-Mond W. Parlin, 1907.
- 1905. "The Chemical Maid." Author, George Henry Bryant, 1907. General Manager, Philip Edward Hinkley, 1905.
- 1904. "Simon Pure Brass." Author, John Arthur Fremmer, 1904. General Manager, Preston M. Smith, 1904.
- 1903. "A Scientific King." Author, Gerald F. Loughlin, 1903. General Manager, Merton L. Emerson, 1904.
- 1902. "Applied Mechanics." Author, Mrs. Janet Edmondson Walker. General Manager, Lawrence H. Underwood, 1903.
- 1901. "The Grand Duke."
- 1900. "The Medicine Man."
- 1899. "Technology Minstrels."

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THIRTEENTH ANNUAL TECH SHOW, 1911

"FRENZIED FRENCH"

HE Thirteenth Annual Tech Show is the production of Edwin C. Vose, 1911, and Wellesley J. Seligman, 1912. It is a three-act musical comedy of the present day, entitled, "Frenzied French." The scene of the play is laid at a summer resort on Long Island, within easy reach of the Gay White Way. The Show deals with the difficulties of a number of young college students who find themselves forced to mingle and converse with a number of French maidens who speak nothing but their native tongue. The French delivered by the college students is frenzied in the extreme, which explains the selection of the title for the play.

Dick Wells, a young college student, and his sister Ethel are giving a house party with eight of their college friends as guests. As they are at a loss for means to provide entertainment, Ethel insists that Dick find something to amuse the crowd. In his search for a form of entertainment, Dick stumbles across an article in a newspaper regarding the deportation of sixteen French maids who have not the necessary money to allow them to enter the United States. Dick hits upon a scheme to get one of these girls and bring her to the house party as a French countess. The male members of the party are taken into confidence, and all together provide the necessary amount of money. This they give to the Wells' English butler with restrictions as to the manner of carrying out their idea. As the time for the arrival of the young ladies approaches, the boys, with the consent of Mrs. Sears, the chaperon, tell the girls of the intended visit of the French countess. Intense excitement prevails, which is changed to consternation when, instead of one French girl, sixteen appear.

After rereading the newspaper, the boys conclude that a misconception on their part regarding the necessary amount of money is responsible for the mistake. Dick, of course, takes all the blame, and tries, without success, various means of ridding the party of the French girls. The fact that the girls speak only French gives an added amount of trouble, as the members of the house party are sadly lacking in knowledge of that language. Just as international complications appear to be at their height, Dick receives a telegram that not only gets rid of the French girls, but discloses the fact that the house-party guests have been the victims of a so-called practical joke on the part of the butler and a French friend, who acts as a chauffeur at an actors' colony nearby, and who has substituted chorus girls for the French maids. The play ends with a disproval of all the difficulties, and Dick finds himself once more returned to the good graces of the guests at the party. A little love affair on the side adds a secondary plot to the Show and cul-

minates in the proper musical comedy manner.

THIRTEENTH ANNUAL TECH SHOW, 1911

"FRENZIED FRENCH"

A Musical Comedy in Three Acts

EDWIN C. VOSE, 1911, and Wellesley J. Seligman, 1912

Music by

ORVILLE B. DENISON, 1911 SCOTT B. PUTNAM, 1911 CALEB C. PEIRCE, 1911

RANDALL CREMER, 1912 ELISHA N. FALES, 1911 JOSEPH C. FULLER, 1911

Lyrics by

EDWIN C. VOSE, 1911 DAVID F. BENBOW, 1912 BARTO V. REEVES, 1912 NATHANIEL S. SEELEY, 1910

HAROLD W. BARKER, 1914 WILLIAM DE Y. KATZENBERGER, 1913 ALLEN F. BREWER, 1913 FOSTER RUSSELL, 1911

Members of the Cast

Members of the Cast

Richard R. Wells (known as Dick), hero
Bruce Carter, his chum
Philip Van Veen, known as Phil
Harry Havens, a student
Bill Boltwood, an athlete
A. Watt, Dick's butler
Prançois, from Bayside, a chauffeur
Mr. G. B. Howe, from N.Y. Immigration Office
Mrs. Thornton Steeres, the Chaperon
Ethel Wells, Dick's sister, hostess
Dolly Carter, Bruce's sister, heroine
Helen Harding, athletic
Marjorie March, romantic
Louise Longwood, who flirts

Ethel's friends

Louise Longwood, who flirts

STANLEY H. HODGMAN, 1912
RALPH N. DOBLE, 1912
JOHN M. HASTINGS, 1912
KENNETH W. FAUNCE, 1912
DONALD C. BAKEWELL, 1911
EDMUND G. BROWN, 1913
LOUIS DE FLOREZ, 1911
FRANCIS WHITTEN, Jr., 1914
HENRY D. KEMP, 1912
C. PHILLIPS KERB, 1911
F. HASTINGS SMYTH, 1912
(HOWARD D. WILLIAMS, 1911
MUNROE R. PEVEAR, 1911
ROYAL W. WETHERALD, 1914

Members of the Chorus

French Girls

ADELBERT D. HILLER, 1914 ADELBERT D. HILLER, 1914 W. S. MOORE, 1911 FREDERICK P. KARNS, 1914 CARL A. SANDBURG, 1913 HENRY O. GLIDDEN, 1913 RAYMOND E. WILSON, 1912 JAMES B. CHADWICK, 1913 FRED C. HERSOM, 1913 Donald H. Van Deusen, 1913 James Isaacs, 1914 Walter J. Hausen, 1914 Edward B. Szeben, 1914 Everett B. Wettengel, 1912 Alfred L. Higgins, 1913 Howard P. Fessenden, 1913 Harold H. Griffin, 1912

CLARENCE K. REIMAN, 1912 HOWARD A. MORRISON, 1914 CONRAD A. MARKWALD, 1912 GEOFFREY M. ROLLASON, 1913

Summer Men PHILIP M. CURRIER, 1914 RAIPH D. SALISBURY, 1914 WILLIAM R. McEWEN, 1914 STANLEY W. MERRILL, 1914

Summer Girls

WALTER L. WHITEHEAD, 1913 ERIC W. MASON, 1914 OLIVER C. LOMBARD, 1912 DONALD G. CROWELL, 1914

LUCIUS H. GRAHAM, 1914 FRANCIS H. ACHARD, 1913 JAMES G. RUSSELL, 1913 CHESTER H. OBER, 1914

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TECH SHOW CHORUS—"FRENZIED FRENCH"

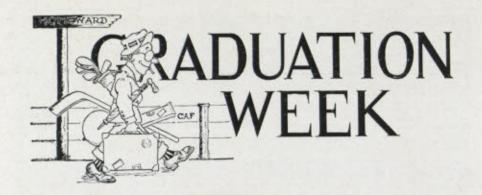


Tech Show Principals—"Frenzied French"

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CLASS OF 1910

	THU	RSD	AY,	JU	NE	2		
CLASS DINNER	* *		*	20	3		*	American House, 6.30 P.M
	SUI	NDA	Υ,	JUN	E 5			
BACCALAUREATE SERMON			11	100	14	¥		. Trinity Church, 4 P.M.
	мо	NDA	Y,	JUN	E 6			
CLASS DAY EXERCISES								Huntington Hall, 2.30 P.M.
CLASS SPREAD								
SENIOR DANCE		*					1	Hotel Somerset, 8.30 p.m.
	TUE	SDA	v.	IIIN	E 7			
COMMENCEMENT EVEDOR				-	-			W. C. t. W.W. and
COMMENCEMENT EXERCIS								
PRESIDENT'S RECEPTION								
"TECH NIGHT" AT THE "	POPS"	+	10		*	8	*	Symphony Hall, 8 P.M.



Class Day Program

PRESIDENT'S ADDRESS .	10	30,	1740			RICHARI	FREDERIC GOODWIN, Jr.
FIRST MARSHAL'S ADDRESS	4		1				FRANK FREDERICK BELL
STATISTICS AND HISTORY	1		127			2 12	JAMES STUART SNEDDON
PRESENTATION ADDRESS .		*	100			. W1	LLIAM MCNAIR SCHOFFELD
PROPHECY				2.5	9	2 25	DUDLEY CLAPP
PRESENTATION OF CLASS GI	FT		133		12	1 1	. Bergen Reynolds

Class Day Officers

RICHARD FREDERIC GOODW	IN,	Jr.				-	12	7.	. President
FRANK FREDERICK BELL									First Marshal
Allen Adams Gould .									cond Marshal
PHILIP DUNBAR TERRY								1	Third Marshal

Class Day Committee

JOHN AVERY, Jr.
FRANK FREDERICK BELL
ROBERT SAMUEL BREYER
PHILIP WEEKS BURNHAM
MAURICE SCOTT CHAPIN
HERBERT SQUIRES CLEVERDON
FREDERICK ABCHIBALD DEWEY
CHARLES FRENCH DOBLE
KARL DICKSON FERNSTROM
RICHARD FREDERIC GOODWIN
ALLEN ADAMS GOULD
CLIFFORD CHASE HIELD

FREDERICK ALOYSIUS HURLEY
HAROLD LOCKETT
HAROLD CROSBY MANSON
WILLIAM JOHN O'HEARN
BERGEN REYNOLDS
WILLIAM MCNAIR SCHOFIELD
NATHANIEL STEVENS SEELEY
JAMES STUART SNEDDON
EDWARD STUART
PHILIP DUNBAR TERRY
MERRILL WILLIAM TILDEN
CURTIS CHRISTOPHER WEBB

DONALD VOORHIS WILLIAMSON

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N June 7 President Maclaurin conferred degrees upon 241 students, of which number 205 received the degree of Bachelor of Science, 22 the degree of Master of Science, 11 the degree of Doctor of Philosophy, and 3 the degree of Doctor of Engineering.

The following representative theses were read:-

Course 1. "A Design for a Storage Reservoir on the Deerfield River."
R. M. Gillis, A.B.

Course 2. "Power Plant Test and Furnace Temperatures on the Oilburning S.S. 'Oklahoma.'" R. A. D. Preston

Course 3. "A Report on the Marsboro Gold Mine and Cyanide Treatment of a Silver Ore from Cobalt, Ontario." W. B. HARGRAVES

Course 4. "A Design of a Social Centre for the City of Los Angeles."
W. S. Davis

Course 5. "An Investigation into the Effects of Iron-treated and Alumtreated Waters upon Distributed Pipes." G. R. Lord, A.B.

Course 6. "Voltmeter Regulation of Alternators." G. S. Humphreys

Course 7. "A Quantitative Comparison of the Cellular Contents of Fresh Milk by Two Distinct Methods." H. L. Lang

Course 10. "A Process for the Manufacture of Lactic Acid and Calcium Lactate."

G. P. Lunt

Course 11. "Design for a Sewage Disposal System at Manchester-bythe-Sea." S. A. Malcolm

Course 13. "Power Tests of a Steamer and its Model."

G. G. Holbrook

Course 14. "On the Equilibrium of the System consisting of Calcium Cyanide, Calcium Carbide, Carbon, and Nitrogen." R. H. LOMBARD

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GRINIS







PROUTY WANTS TO KNOW

PROUTY (in Applied)—"Professor, it seems to me"—

Prof. Hayward—"Now, Mr. Prouty, you have already"—

Prouty-"seems to me-that"-

Prof. Hayward—"Oh, you mean about the moment of inerti—"

PROUTY—"me that it isn't necess—"

Prof. Hayward—"Of course, I'll go all through it again if you want"—

PROUTY-"No, sir."

Prof. Hayward—"That'srite—alwaysgladtohavetheclassaskquestions—'swhatwe'reherefor—ab—si—lootly."

HOW STUPID

STUDE IN NAVAL ARCH—"It says here that a nautical mile is 6,080 feet, while a statute mile is only 5,280 feet. Why is that? I thought a mile was a mile."

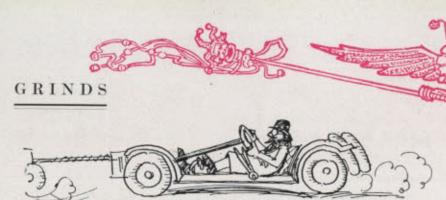
Peabo—"Well, a mile is a mile, but a statute mile is measured on dry land, while a nautical mile is measured on the water, and you know how most things swell when in water."

FROM THE BIG SWEDE

FUNK—"I understand you are going abroad this summer, Swede? Is it on a fellowship?"

Swenson-"No, on a cattle ship."

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PROF DIKE, DURING THE AUTO SHOW

X/HITMAN, 1913—"Is AsCL3 the symbol of asbestos chloride?"

GIBSON (in sophomore Physics)—
"It takes 778 Joules to raise a foot of water through one calorie centigrade."

THIRD-YEAR DRAWING-ROOM

A/HITTLESEY-"Who has my incubator, -I mean my crosshatching machine?"

CCHELL, 1912-"Then light is refracted differently from each side of a medium?"

Dr. Kalmus—"Yes." SCHELL—"Is that so?"

STAGE

STUDIED COCKNEY SERVANT TO GET REALISM IN ROLE

Molly Pearson Pleasing Audiences at the Shubert Theater.

Molly Pearson, who takes the part of Stasia, the slavey, in "The Passing of the Third Floor Back" at the Shubert Theater, is no stranger to America, as before joining Forbes-Robertson she played leading parts with Olga Nethersole and previous to that appeared to great advantage in "The Little Minister,"

In order to get local color for her present part, Miss Pearson made a special study of cockney servants of all kinds in the English metropolis, visiting no less than three score of boarding houses as a guest, in order to get the right touch and necessary details. It is said she even followed the novelist Elizabeth Banks' example of becoming a domestic servant herself for a few weeks before she was satisfied that her attitude and her knowledge of detail would give all the realism required for her truthul and fascinating little character study.

Miss Pearson followed in this role no less distinguished an actress than Gertrude Elliott, in private life Mrs. Forbes-Robertson present part, Miss Pearson made a

Forbes-Robertson

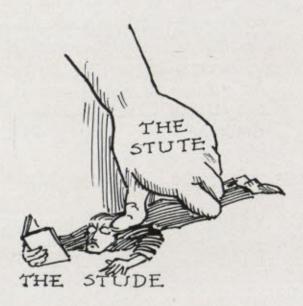
TECHNIQUE

"H^{OW} do you like your uniform?" said the captain to a fat freshman with a tight drill-suit.
"Can't kick."

PROF. BOOKMILLER—"About one-fifth of the officers of an advance-guard are mounted. Perhaps a little more,—often as much as one-eighth."

KEBBON—"I went to church once and saw Sam Stevens way down front in one of the boxes."

PROF. NORTON—
"You will readily understand that, if I have an enclosed volume of gas and can heat it very rapidly and then cool it suddenly, I can change the temperature very quickly."



TECHNIQUE this year is following Mr. Litchfield's example.
The Treasurer writes his debts on his cuffs, so that every
time he has his shirt washed he liquidates his debts.



GRINDS

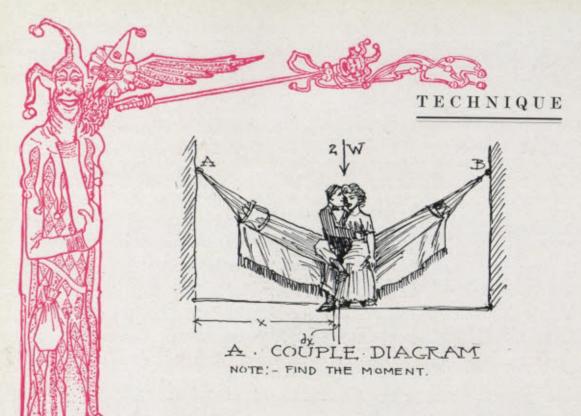
THE NECESSARIES

"What do you take with you on a trip?" I asked the hockey player.
"A sweater to wear when on parade,
A knee pad or two and skates," he said,
"And court plaster in case of a tear."

"What do you take?" I next inquired Of a friend who is in the Show. He folded his arms, and said, "Forsooth, I carry the 'Life of Edwin Booth,' And powder and paint, I trow."

"How about you?" I asked of one Who joins in the Glee Club trills. "A celluloid collar, snowy white, And a six-shooter in case of a fight And a lot of dyspepsia pills."





DR. COMSTOCK'S FAMOUS HAMMOCK PROBLEM

- (a) What is the force in dynes of the attraction between a 150-pound man and a 115-pound girl in a hammock 20 feet long and supported by hammock rings 15 feet apart?
 - (b) What is the force under the influence of the moon?
- (c) What is the force of repulsion under the influence of an automobile head-light?
- (d) Determine experimentally. Take all possible precautions, and see that there is no possibility of disturbance from outside forces.

"WHEN you have met a girl whom you like awfully well without kissing, the quest for the Right One is ended."

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BIGELOW, THE BELLE OF THE BATHERS, OR BOBBY, THE BEST ON THE BEACH

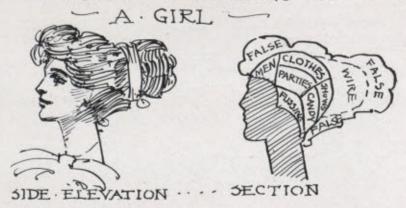
Bigelow, the belle of the bathers,
Went to bathe on a balmy day,
But he balked on the brink of the briny
Till he saw a blithe belle of Back Bay.

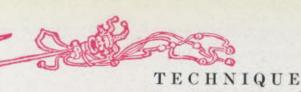
With one bound the big brawny Biologist
Disappeared beneath the bright blue,
But he bumped his bald block on the bottom,
And I'll bet he said, "Blame it!" don't you?

The bunch on the beach backed up Bobbie,
For this bully bold boy they all knew,
But the blooming blithe belle bid him "beat it"
Back to Boston, the best burgh for you.

Note.—This is a true incident, happening last summer.

WORKING DRAWINGS . OF .





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MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

DEPARTMENT OF AGRICULTURE.

FRANCIS W. CHANDLER.

Professor of Architecture.

DESIRE DESPRADELLE.

WILLIAM H. LAWRENCE, S.B.

Rotch Professor of Architectural Design.

Professor of Architectural Engineering.

HARRY W. GARDNER, S.B.
Assistant Professor of Architecture.

Instructor.

HERSERT E. FOWLER, S.B.



DEPPY'S ASSISTANT, J. F. ALTER.

PROF. SUMNER IN E. C. AND A.—"It has been found that license laws existed in the old Babylonian days."

Keb, in undertone—"Ah, that's why they were called bar-barians."

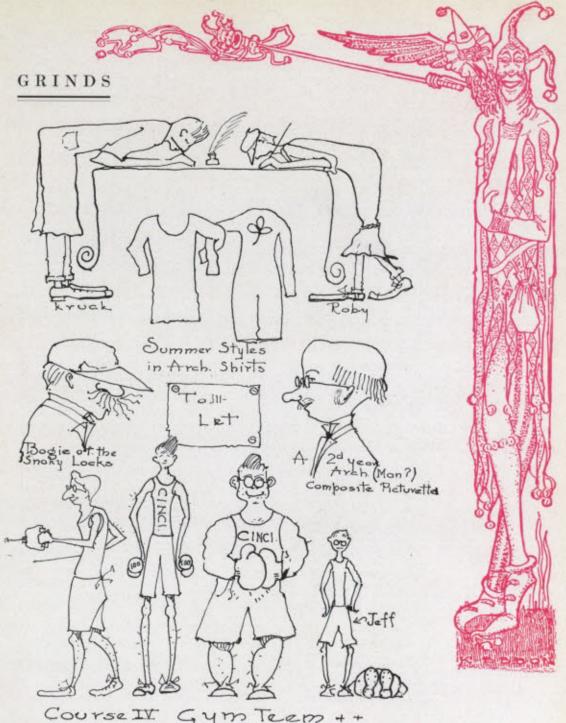


THOSE PHYSICS SHARKS

SWENSON—"What's a B. T.

Redfern—"Oh, that's one of those new union suits."

"ALL is not fussed that stut-



Gym Teem ++

BREWER'S FALSE TEETH ARE GONE

WILKES, 1911, finds in foundry that a much better casting is obtained if the pattern is not removed before pouring. In fact, he pours white-metal and gets cast-iron castings by this method.

PROF. HAYWARD (in Applied)—"If two parallel lines of force are perpendicular at their intersection"—



KING OF BURGLARS NO MORE

Moore, Who Said He Paid \$1,000,000 to Police, Dead

WEST SWANZEY, N. H., July 12.— Charley Adams, the "King of the Burglars," whose name was a household word in New England a quarter of a century ago, is dead at his home here, where he had lived quietly for the last four years.

Although his record was well known here, he won the respect and friendship of his neighbors.

His last words were: "This is the right kind of a finish, to go out among your friends."

ROBBED CONCORD BANK

Adams, whose real name was Langdon W. Moore, was one of the most

A LOUD sneeze by Eicher interrupted a lecture in Phys. Heat. Prof. Norton remarked, "The emptiest vessel makes the loudest noise."

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GRINDS SHIKITS O DAMN ENTRANCE FXAM! Just by a škin Got In first 5 weeks CUTS AND SNEAKS AWPUL FLUNK RAKE UP SPUNK MORE PLUGGIN LESS HUGGIN OH GEF.! GOT A C COME FELLOWS LOOK AT MEE. STUDY ? NAW! FUN GALORE! BANG! SLAM!! FINAL EXAM!

WHO'S FIRED?



TECHNIQUE

BRAND-NEW

PROF. CROSS—"When I rub this vulcanite rod with this catskin [cat-calls and caterwauling to an unusual extent], it becomes charged with negative electricity, but, when I rub this glass rod with this piece of silk [enter silk handkerchief from righthand coat pocket], it becomes charged with positive electricity.

KATHARNE HUTCHINSON.

GOULD PAYING ATTENTION TO BOSTON SINGER

Cables from Paris say that there is a report persistently circulated there that Miss Kathryn Hutchinson is engaged to be married to I. and Gould. This comes from the fact that Mr. Gould has been paying assidulous attention to the New England girl who began her singing career as a member of a Boston church.

The Parislans forget, however, that the New York millionaire, though separated from his actress wife, Katherine Clemmons, is not free to wed, so that if there is marriage in contemplation it must be in a rather nebulous state.

The story that reaches the Paris friends of Mr. Gould with such circumstantiality that they credit it is that he has been paying attention to Miss Hutchinson all Summer. They hear that on her account he gathered together a party for a long cruise in northern waters on his yacht. The midnight sun seems to have been the first objective, but there was no burry to get back, and all through the warm months the party enjoyed the charms of the Norwegian coast.

That trip is reported to have settled the uture for Mr. Gould and Miss Hutchinson. They naturally made Paris the finishing olst of the rules as

And, fortunately, gentlemen, the silkworm has no characteristic utterance."



PROF. PEARSON (in secondyear English)—"'Scholie' is Greek for 'idleness.'"

Edgerton, 1912 ("the Countess of Cambridge")—"Is that why there are so many loafers in Scollay Square?"

SWENSON—"French III.B (BB) is no pipe."

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GRINDS

JUNIOR PROM

It is myriad lights shining all a-row, Lights which the soft winds waft to and fro, Bearing a soft Japanesy-like glow; It's Lights! That's Prom!

It's the 'cello that's crooning soft and low; It's the violin's call that stirs you so; It's the rhythm of waltzes dreamily slow; It's Music! That's Prom!

It's a dainty bedimpled and sparkling pearl,
It's a bunch of that something that makes your thoughts whirl,
It's two eyes and two lips, a bewildering curl;
It's the Girl! That's Prom!



MRS. BENBOW ASKS RETRIAL OF CASE

A TOAST

Here's to the lying lips we meet,

For truthful lips are bores; But lying lips are very sweet When lying close to yours!

BEFORE THE PROM

"WHY are you going stag?"
"Because I haven't the dough."

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THE OFFICE OF THE OAK BLUFFS STREET RAILWAY

C. A. STEWART (Superintendent)—"I have just received an anonymous letter."

CHARLES CARPENTER—"Whom is it from?"

BEFORE Mr. Stewart attained the position of superintendent, he worked for a time as conductor on the afore-mentioned railway. He says that, while engaged in collecting the fares from a carload of passengers, one of the gentler sex somewhat took his breath away by asking him if he was brave. Of course, he answered in the affirmative, and then inquired the reason for the question. The young lady replied, "None but the brave deserve the fare."



TO-NIGHT IS TO-NIGHT Chorus Girls' Night

Oh you Boys, see the Ladies from the Shows in Town at

KNIGHTS OF HONOR HALL

730 WASHINGTON STREET

Monday, Jan. 9th, 1911

John Hall, stage manager of the Orpheum Theatre, Brooklyn, successfully, launched a new act a-top the Victoria Roof Garden during the week. The offering is known as "Those Entertaining Girls," with Ponce, Perkins and Baker in the cast. It will be sent shortly over the big circuits.



LATEST NEWS

THE PLANT NEWS

MIDNIGHT EDITION

Vol. One No. One

LOWELL BLDG, JAN 5, 1911

ONE CENT

THE PLANT NEWS

Published Once a Life-time at Lowell Building By the One Original Mid night Crew

BOARD OF Editors Obie Dinkelspiel 1911 Kilowatt Finance 1911

GREAT FATALITY NARROWLT AVERTED

During the coirse of yester-nacht or heutemorgen Mr (not St) Peter Gaillard (pronounce the l's flowingly) inadvertently plugged an ammster shunt with his little digit. Nobody being around he had ho carry the pain or the ammeter for a period (not questielen's sleep-Allen, or ion mark) not to exceed fellow member Freddie fifteen (\$15) dollars-anyway, in so doing he damaged the pointer and

was fined one dollars. Professor Wilson, in charge of the test, has earned a Carnegie medal by shutting off the rev- Cornell, who all but olutions per minute thus fell into the Oersot stopping the flux pass- apparatus, but he just ing through his (meaning saved his bacon--or rathe unfortunate Peter's) ther himself. He went finger nail. Professor at once to the Pitot Wilson refuses to talk about his great achievement woin for a trace of ment to anyone.

****** BOILER ROOM IS

At 13.70 yesterdayno, we mean today -- Australian time a flood was or rather will be begun We in the boiler room. er has fell asleep at boiler room.

The Original MIDNIGHT CREW

Walter D Allen X111 Charles M Barker Vl Samuel H Cornell X111 Fred H Daniels Jr Vl Henry C Davis Jr Vl Orville B Denison Vl Kenneth W Faunce Vl David S P Gaillard Vl Kenneth Greenleaf Vl

HONORARY MIMBER Chester W Wilson, 8 B

LOST IN A BEND OF A PITOT TUBE

Suddenly startled by a snore from the sleeping -- see col. 1 for Al-Daniels lost his equilibrium-whatever that is -and fell into a Pitet tubem head foremost.

His audible cries for assistance reached the ever-alert ears of territory and searched his luckless comrade.

Rushing to the main MM IS
NEARLY FLOODED lader, ahoy, I must a tubes and rescued.

VERY LATEST NEWS

BOILER ROMM, JAN 4-KENNETH GREVNLEAF, A COLORED STOKER, HAS MYS TERIOUSLY DISAPPEARED FROM HERE. IT IS RU-MORED THAT HE FELL INTO ONE OF THE BIG BOILERS DISGUISED AS A CLINKER.

EXTRA EXTRA EXTRA

JUST AS WE GO TO PRESS WE LEARN THAT CHARLIE BARKER IS SLOWLY DYING HANGING BY AN INDICATOR STRING. HE BECAME EN-TANGLED IN THIS HIS MAIDEN EFFORT

********************** EXTRA

EXTRA STOP THE ENGINES AT ONCE. THEY ARE GOING SO FAST THAT DOC DAVIS IS UNABLE TO SEE THE SPOKES AND COUNT THEM AS THEY

GO AROUND. #+##++############### a step ladder have. "Immediately upon hearing this Dennie, our human step-ladder rushed to the boiler room followed by Faunce and number of supernumeraries. With the aid of Faunce's explicit directions and Dennie's step-ladder proclivities (good word) Daniels was found in a

BATTLE HYMNS

Tune: A Member of the midnight Crew

learn this on good autho We're the members of the midnight crew, rity for W D Allen a na- Fillin' up the boiler and cleanin' out the flue; val expert will or rath- Home at start of school in the morning, Singing the same old tune: his high post above the doller work at midnight, and go away at eight. If we didn't get here early, The feed water tanks We'd be sure to get here late: overran or rather will overrun and put out 2 & To last the morning through, 1/2 fires. No lives lost. Then you're a member of the midnight crew.





TECHNIQUE

R. R. PROB. 94.

L ADD (rather deliberately)—"Measure angle QDP—"
PA ALLEN—"I should say PDQ."

34

HERLIHY'S FEAT TALK OF TOWN

*He Tells of Crawl in Newburyport Sewer.

Traveled 500 Feet in 24-Inch Main to Get a Lost Tool.

HERLIHY'S FEAT [, "How long is 2/32?"

Ans. "One minute."

PROF. JOHNSTON (in Applied)—"Which would have the greater moment,—that or that?"

WALKER, 1912-"That."

PROF. WILSON says of a linear differential equation that it is of no use to the engineer except to give him practice in self-control when he sees one.

PROF. DERR (in a lecture on the spectroscope)—"Put a piece of sodium vapor in the burner."



GRINDS

TECHNICAL TERMS

TECHNICAL TERM.

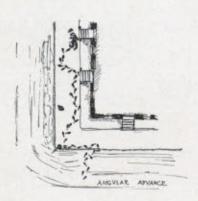






POTHER CLUTCH.

HEAD-END COMPRESSION









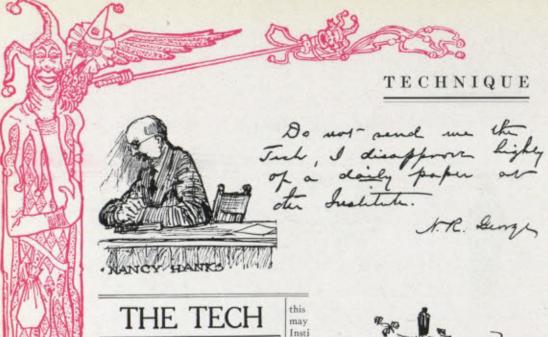


CUERNATING



GBAR-BOX

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Published daily, except Sunday, during the college year by students at the Massachusetts Institute of Techeology.

Entered as second-class matter, Sept. 29, 1910, at the post office at Boston, Mass., under the Act of Con-gress of March 3, 1879.

CORRECTION

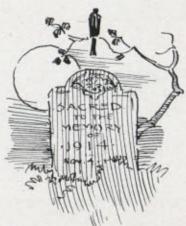
By a tepographical error the name of Mr. L. P. Ferris, President of the Electri-cal Engineering Society was mispelled. The Tech regrets that such was the case.

The practice of holding inter-class deabates has just been inaugurated at the University of Nebraska.

Escaping gas in the economics building Her at Michigan caused a recess in the econom-Her ics classes for two ays.

CALENDAR

WEDNESDAY Practice—Gym.



THEODORE PARKER'S BIRTH. mio

First Parish Church of West Roxbury to Celebrate Centenary Next Sunday Afternoon.

The First parish church of West Roxbury, corner of Center and Corey sts, will celebrate the centenary of Theofore Parker's birth on Sunday after

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GRINDS

APPLIED MECHANICS

 $R^{\,\mathrm{UBY},\ 1912-\mathrm{``I}\,=\,7071.}$ Wait till I look up the size in Carnegie.''

EICHER—"But it's a wooden beam, Rube."

Ruby-"Doesn't Carnegie forge wooden beams?"



B^{AN} JOHNSON has officially reported that Bill McGuire's batting average is seven times a week.

PROF. FAY—"You probably will not get this determination right the first time."

Hartshorn—"Then why not wait till the second time?"

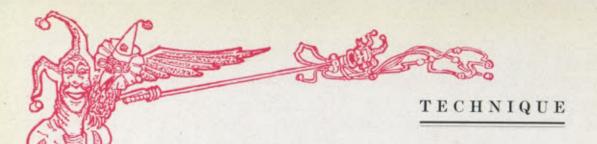
SOPHOMORE PHYSICS

BONEHEAD—"The mechanical equivalent of heat is the amount of work required to raise one pound of water one foot. It was demonstrated by Galileo, who dropped cannon-balls from the tower of Pisa into tubs of water at the bottom."

PROF. TYLER (in History of Science)—"I'll now read something from Dryer."

THE ONLY ONE AWAKE IN THE CLASS-"Drier? Impossible."

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STOP - LOOK READ SEE WHAT OUR KENNETH GOT





MANY. HAPPY RETURNS OF THE DAY.



GRINDS

I T is claimed by Kellog that the crease across Prof. Gill's pate is the line between oil analysis and gas analysis.

R. H. FOX, 1912 (in Applied)—"Will you please go over that step again?"

Prof. Johnston—"If you take a section to the left of the load, the load will be to the right of the section."

Fox-"I don't just see that."

THE 9-11 CLASS IN FORGING

ENTER Rhodes with hat and coat and large white collar, somewhat late.

Mr. Lambirth—"Well, sir, where do you preach to-day?"

Enter Schell still later.

Mr. Lambirth—"And here comes the organist."



WHILE discussing derivatives with the freshmen, Prof. Bartlett said, "And now what have we here, Mr. Derivative?" and nobody answered.

STEWART'S mustache was the object of considerable kidding one day, when Keith advised, "Don't knock a thing when it's down."



TECHNIQUE



Donald Bent came down from Denwer this week for a short visit with the family of his uncle, J. W. Bent. From here he will go to Boston to attend a technical institute, taking a curse in electrical engineering. Willie was a Tech man,
Always pulled straight C's,
Worked all day and plugged all
night,
So passed exams with E's.

He never went out fussing,
To waste his time in Si's,
And here you must agree with me
This student sure was Y's.

He knew not where was Charlie's, Fatimas he'd refu's, He never swore or walked Tremont, Nor knew the taste of Boo's.

Our Willie's gone to Heaven,
What struck him no one kno's:
He now communes with Getty's book,
On banks of thyme and ρ's.

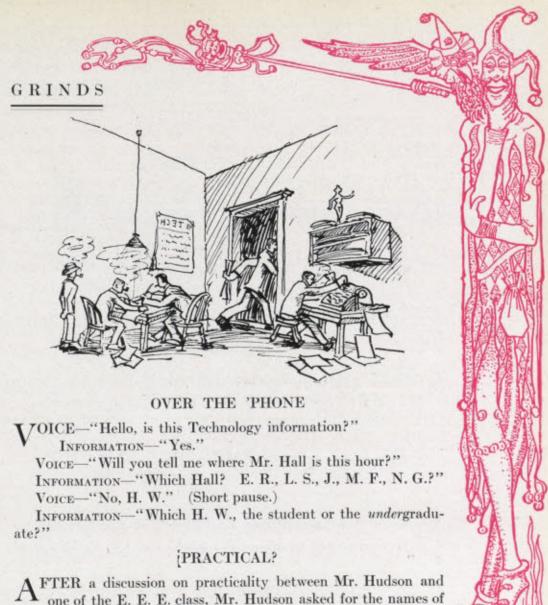
PROF. BATES—"This class of 1913 punctuates as if by the grace of Heaven."

QUOTATIONS FROM BUSINESS LAW

LAW is that which all are supposed to know, but which no one does know, and which the Supreme Court has the last guess at.

No lawyer is supposed to know all the fool acts a legislature passes.

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AFTER a discussion on practicality between Mr. Hudson and one of the E. E. E. class, Mr. Hudson asked for the names of those who could change their section, as that one was too large. The aforementioned member of the class raised his hand, and, upon the instructor's asking his name, the reply came, strong and decisive, "Fish, I can go to 'C.'"

"That's practical enough, Mr. Fish," added Mr. Hudson.





STEWART, 1911, with his head resting in his hands, was regarding the Hydraulics exam. with an exceedingly reverent air.

Yearance, 1911, interrupts his revery with, "Will some one kindly lead us in prayer?"

Stewart—"For the love of Mike, be reasonable."

MR. GUNN (in freshman English)—"The age in which we live is the age of iron. You might also call it the age of steal."

SPORTIVE STUDENT (in booth): "Hello Central, give me—hic—Heaven."

Acid tone from receiver: "If I wasn't a lady, I'd give you"— Click!

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GRINDS

BOOKSELLER

A. D. MACLACHLAN &

PUBLISHER

Wholesale, Retail and Manufacturing Stationer importer of and Dealer in

Mathematical Instruments

Engineers' and Draughtsmen's Supplies

Manufacturer of

College and School Stationers

College and School Stationery School and College Text Books 502 and 504 Boylston Street,



BOSTON, MASS., Jan. 12, 1911.191

Mr. G. B.

Boston Traveler,

Boston, Mass.

Dear Mr.

Kindly accept my thanks for your prompt attention to my request. I did not intend to say that the expense of collection to us had been \$0.60, merely that the entire cost of the transaction at present stood us \$0.60, which is correct.



Cost of the book Postage to Brockton Eight Statements .40, .04, .16,

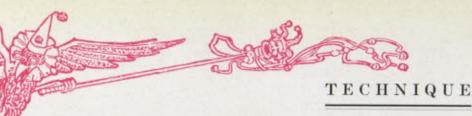
Stationery, etc., gratis.

I realize that you have been moving around and that under such circumstances it is very easy to forget. I do it myself, so cannot blame others.

Very sincerely yours,

AIM/AEG

apmarlachlan



THE Tech—"Last week Professor Winslow of our Biological Department was honored by election to the office of Vice-President of the Society for the Prevention of Infant Morality."

Said the announcement of a recent meeting at the Institute of Technology: "Professor Jagger will talk on volcances." There's an attraction that ought to make a hit in refined vaudeville and we are only sorry that we couldn't be in front of the Institute when the volcances were taken inside.



THE RESERVE OF THE PARTY OF THE

Jerome H. Remick & Co. Music Diblishers

DETROIT,

NEW YORK.



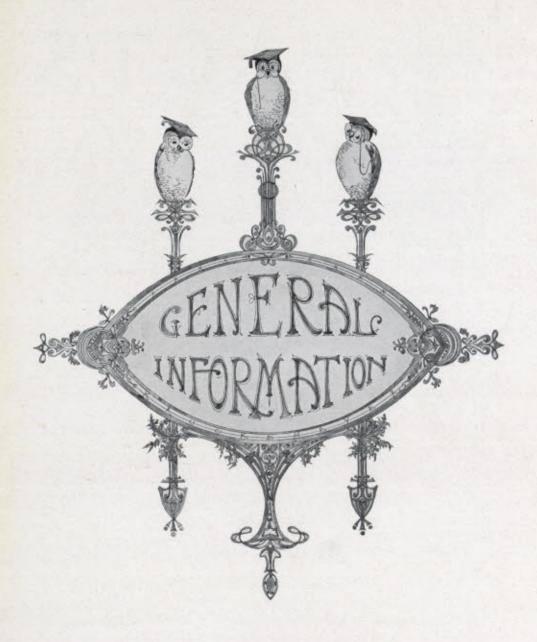


Mr. H. K. Franzheim,

Gen. Mgr. Mass. Institute of Technology,

42 Trinity Place,

Boston, Mass.





FACTS



F the total number of 1,506 students, 840 are from Massachusetts, or 50.6 per cent. of the whole.

252 men were graduated last June. Of these 5 received degrees after attending the Institute for one year, 41 for two years, 27 for three years, 146 for four years, 30 for five years, and 3 for six years.

The ratio of instructors to students is 1 to 6.6.

The number of new students is 562 as compared with 579 last year.

Students from other colleges form 34 per cent. of the new students and 27 per cent. of the whole registration.

There are 207 graduates from other colleges and universities at the Institute.

Civil Engineering is the largest course, with 220 enrolled; Electrical Engineering is next, with 210; and Mechanical Engineering third, with 198.

There are 10 coeds this year as compared with 8 last year.

67 per cent. of the students are regular students.

The average age on entrance was 19 years (the same as last year), and the average age on graduation was 22 years, 7 months (six months younger than last year).

The total instructing staff of the Institute numbers 251 (10 more than in 1909–10).

There were twenty-seven courses given in Summer School last year.

17.1 per cent. of the total number of students at the Institute received scholarship aid last year amounting to \$21,515.

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Salaries paid out to the instructing staff and officers of the Institute amounted to \$346,990.40 in 1910.

The total amount expended by the Institute last year was \$589,-915.54.

The Walker Memorial Fund now amounts to \$125,501.97.

YEARLY REGISTRATION

The following table shows the registration of successive years from the foundation of the Institute:—

Year	Number of Students	Year	Number of Students
1865-1866	 72	1888-1889	827
1866-1867	 137	1889-1890	909
1867-1868	 167	1890-1891	937
1868-1869	 172	1891-1892	1,011
1869-1870	 	1892-1893	1,060
1870-1871	 924	1893-1894	1,157
1871-1872	 	1894-1895	1,783
1872-1873	 348	1895-1896	1,187
1873-1874	 	1896-1897	1,198
1874-1875	 	1897-1898	1,198
1875-1876	 	1898-1899	1,171
1876-1877	 	1899-1900	1,178
1877-1878	 194	1900-1901	1,277
1878-1879	 188	1901-1902	1,415
1879-1880	 203	1902-1903	1,608
1880-1881	 253	1903-1904	1,528
1881-1882	 302	1904-1905	1,561
1882-1883	 368	1905-1906	1,466
1883-1884	 443	1906-1907	1,397
1884-1885	 	1907-1908	1,410
1885-1886	 609	1908-1909	1,462
1886-1887	 637	1909-1910	1,479
1887-1888	 720		

CONCERNING

Name	Location	Founde	d President	
Alabama Polytechnic Institute .	Auburn, Ala.	1872	Charles C. Thack, A.M., LL.D.	1
Albion College	Albion, Mich.	1861	Samuel Dickie, A.M., M.S., LL.D.	2
Allegheny College	Meadville, Penn.	1815	Rev. William H. Crawford, D.D., LL.D.	3
Amherst College	Amherst, Mass,	1821	Rev. George Harris, D.D., LL.D.	4
Armour Institute	Chicago, Ill.	1893	Rev. Frank W. Gunsaulus, D.D., LL.D.	5
Bates College	Lewiston, Me.	1864	Rev. George C. Chase, D.D., LL.D.	6
Baylor University	Waco, Tex.	1845	Samuel P. Brooks, LL.D.	7
Beloit College	Beloit, Wis.	1846	Rev. Edward D. Eaton, DD., LL.D.	8
Berea College	Berea, Ky.	1855	Rev. William G. Frost, Ph.D.	9
Boston University	Boston, Mass.	1869	Rev. W. E. Huntington, Ph.D.	10
Bowdoin College	Brunswick, Me.	1794	Rev. William D. Hyde, D.D., LL.D.	11
Brown University	Providence, R.I.	1764	Rev. W. H. P. Faunce, A.M., D.D.	12
Bucknell University	Lewisburg, Pa.	1846	John H. Harris, Ph.D., LL.D.	13
Case School of Applied Science .	Cleveland, Ohio	1881	Charles S. Howe, B.S., Ph.D.	14
Central University	Danville, Ky.	1819	Frederick W. Hinitt, Ph.D.	15
Claffin University	Orangeburg, S.C.	1872	Rev. Lewis M. Dunton, A.M., D.D.	16
Colgate University	Hamilton, N.Y.	1819	Elmer Burritt Bryan, LL.D.	17
College of the City of New York,	New York City	1847	Rev. John H. Finlay, D.D., LL.D.	18
College of the Holy Cross	Worcester, Mass.	1843	Rev. Thomas E. Murphey, S.J.	19
College of William and Mary	Williamsburg, Va.	1693	Lyon G. Tylor, M.A., LL.D.	20
Colorado College	Colorado Springs, Col.	1874	Rev. William F. Slocum, A.B., D.D., LL.D.	21
Colorado School of Mines	Golden, Col.	1874	Victor C. Alderson, Sc.D.	22
Columbia University	New York City	1754	Nicholas M. Butler, Ph.D., LL,D.	23
Cornell University	Ithaca, N.Y.	1865	Jacob G. Schurman, D.Sc., LL.D., A.M.	24
Cumberland University	Lebanon, Tenn.	1879	Rev. Winsted P. Bone, A.B., B.D., A.M., D.D.),25
Dartmouth College	Hanover, N.H.	1769	Earnest Fox Nichols, Sc.D., LL.D.	26
Delaware College	Newark, Del.	1834	George A. Harter, Ph.D.	27
De Pauw University	Greencastle, Ind.	1837	Rev. Francis J. McConnell, Ph.D., D.D., LL.D.	0.28
Dickinson College	Carlisle, Penn.	1783	Rev. George E. Reed, St.D., LL.D.	29
Drake University	Des Moines, Ia.	1881	Hill M. Bell, A.M., LL.D.	30
Fisk University	Nashville, Tenn.	1866	Rev. George A. Gates, D.D., LL.D.	31
Franklin and Marshall	Lancaster, Pa.	1853	Rev. John S. Stahr, Ph.D., LL.D.	32
George Washington University	Washington, D.C.	1821	Charles W. Needham, LL.D.	33
Georgetown University	Washington, D.C.	1789	Rev. Joseph J. Himmel, S.J.	34
Grinnell College	Grinnell, Ia.	1848	J. W. T. Main, Ph.D.	35
Harvard University	Cambridge, Mass.	1636	Abbott Lawrence Lowell, A.B., LL.B., LL.D.	36
Haverford College	Haverford, Pa.	1834	Isaac Sharpeless, LL.D.	37
Howard University	Washington, D.C.	1867	Rev. Wilbur P. Thirkield, LL.D.	38
Indiana University	Bloomington, Ind.	1824	William L. Bryan, A.B., A.M., Ph.D.	39
Johns Hopkins University	Baltimore, Md.		Ira Remsen, LL.D., M.D., Ph.D.	40
Kentucky University	Lexington, Ky.		James K. Patterson, Ph.D., LL.D.	41
Kenyon College	Gambier, Ohio		Rev. William F. Pierce, L.H.D.	42
Lafayette College	Easton, Pa.		Rev. E. D. Warfield, D.D., LL.D.	43
Lake Forest University	Lake Forest, Ill.		John S. Nollen, Ph.D.	44
Lehigh University	South Bethlehem, Pa.		Henry S. Drinker, E.M., LL.D.	45
Leland Stanford, Jr., University	Stanford University, Cal.		David S. Jordan, LL.D., Ph.D., M.S.	46
Louisiana State University	Baton Rouge, La.		Thomas D. Boyd, LL.D.	47
Marietta College	Marietta, Ohio		Rev. Alfred T. Perry, A.M.	48
Mass. Institute of Technology .	Boston, Mass.	1865	Richard C. Maelaurin, LL.D., Sc.D.	49

THE COLLEGES

	Stud'ts	Inst'rs	College Colors	Annual	Co-educa tional		Val. Prop'ty Endow't and other Resources
1	701	58	Orange and Blue	Glomerata	Yes	None	\$700,000
2	191	17	Pink and Green	Junior Annual	Yes	33	585,000
3	426	25	Blue and Gold	Kaldron	Yes	60	580,000
4	528	47	Purple and White	Olio	No	110	2,586,000
5	808	78	Yellow and Black	Integral	No	150	2,890,000
6	439	23	Garnet	Bulletin No. 1	Yes	50	1,091,000
7	979	77	Green and Gold	Round Up	Yes	60	870,000
8	465	36	Gold	Codex	Yes	50	1,711,000
9	1221	62	Cream and Blue	None	Yes	30	1,044,000
10	1244	123	Scarlet and White	The Hub	Yes	130	3,101,000
11	394	54	White	The Bugle	No	75	2,860,000
12	925	85	Brown and White	Liber Brunensis	Yes	105	6,698,000
13	775	35	Orange and Navy Blue	L'Agenda	Yes	50	566,000
14	445	35	Brown and White	The Annual	No	100	3,339,000
15	245	35	Cardinal and Blue	Cardinal and Blue	No	50	802,000
16	228	12	Orange and Maroon	Bulletin	Yes	14	315,000
17	505	50	Maroon	Salmagundi	No	60	798,000
18	4611	215	Lavender	Register	No	None	7,130,000
19	441	36	Purple and White	The Purple	No	60	590,000
20	228	26	Orange and White	Colonial Echo	No	35	407,000
21	780	57	Gold and Black	The Tiger	Yes	50	2,021,000
22	383	19	Silver and Blue	Bulletin	No	150	644,142
23	4750	465	Light Blue and White	Columbian	Yes	150	33,993,000
24	3985	-578	Cornelian and White	Cornellian	Yes	100	15,195,000
25	271	19	Green, White, and Blue	Phanix	Yes	75	330,000
26	1233	85	Dark Green	Aegis	No	125	5,025,000
27	184	23	Blue and Gold	Junior Annual	No	60	369,000
28	992	41	Old Gold	The Mirage	Yes	None	1,011,000
29	588	32	Red and White	The Microcosm	Yes	95	1,054,000
30	1787	158	Blue and White	Quar	Yes	50	913,000
31	350	32	Blue and Gold	None	Yes	17	409,000
32	435	27	Blue and White	Oriflamme	No	65	807,000
33	1508	185	Buff and Blue	Cherry Tree	Yes	150	1,287,494
34	849	164	Blue and Gray	Hodge Podge	No	150	2,444,000
35	615	38	Scarlet and Black	Junior Annual	Yes	None	1,193,000
36	3918	620	Crimson	None	No	150	32,272,000
37	160	20	Scarlet and Black	None	No	150	2,810,000
38	1168	121	Blue and White	University Journal	Yes	None	2,328,000
39	2470	301	Cream and Crimson	Arbutus	Yes	None	1,545,000
40	701	189	Black and Old Gold	Hullabaloo	Yes	150	6,704,000
41	645	60	Crimson	Crimson	Yes	40	1,148,000
42	128	22	Mauve	Reveille	No	75	979,000
43	455	43	Maroon and White	Melange	No	100	1.588,000
44	415	49	Red and Black	Forester	Yes	50	1,760,000
45	690	67	Brown and White	Epitome	No	150	3,385,000
46	1686	149	Cardinal Red	Stanford Quad	Yes	None	32,365,000
47	657	50	Orange and Purple	Gumbo	Yes	None	1,092,000
48	644	29	Navy Blue and White	Marietta	Yes	30	1,203,000
49	1506	253	Cardinal Red and Silver Gray	Technique	Yes	250	3,780,870
40	1000	200	Cardinal field and ouver Gray	1 controller	100	200	0,100,010

Name	Location	Founded	President	
Michigan College of Mines	Houghton, Mich.	1886	F. W. McNair, B.S.	1
New York University	New York City	1832	Rev. H. M. MacCracken, D.D., LL.D.	2
Northwestern University	Evanston, Ill.	1851	Abram W. Harriss, LL.D.	3
Oberlin College	Oberlin, Ohio	1833	Rev. Henry C. King, D.D.	4
Ohio State University	Columbus, Ohio	1873	Rev. W. O. Thompson, D.D., LL.D.	5
Pennsylvania State College	State College, Pa.	1859	Edwin E. Sparks	6
Polytechnic Institute of Brooklyn,	Brooklyn, N.Y.	1854	F. W. Atchinson, Ph.D.	7
Princeton University	Princeton, N.J.	1746	John A. Stewart, M.A.	8
Purdue University	La Fayette, Ind.	1874	Winthrop E. Stone, A.M., Ph.D.	9
Rensselaer Polytechnic Institute	Troy, N.Y.	1824	Palmer C. Ricketts, C.E.	10
Richmond College	Richmond, Va.	1832	F. M. Boatwright, M.A., LL.D.	11
Rutgers College	New Brunswick, N.J.	1766	Rev. W. H. S. Demarest, D.D.	12
St. Louis University	St. Louis, Mo.	1829	Rev. John P. Frieden, S.J.	13
Shaw University	Raleigh, N.C.	1865	Charles F. Meserve, LL.D.	14
Southwestern University	Georgetown, Tex.	1873	R. S. Hyer, A.M., LL.D.	15
State College of Washington	Pullman, Wash.	1892	E. A. Bryan, LL.D.	16
State University of Iowa	Iowa City, Ia.	1855	George E. MacLean, M.A., LL.D.	17
Stevens Institute of Technology .	Hoboken, N.J.	1871	A. C. Humphreys, M.E., Sc.D., LL.D.	18
Swarthmore College	Swarthmore, Pa.	1869	Joseph Swain, LL.D.	19
Syracuse University	Syracuse, N.Y.	1871	Rev. James R. Day, LL.D., St.D.	20
Temple University	Philadelphia, Pa.	1884	Russell H. Cromwell, LL.D.	21
Throop Polytechnic Institute	Pasadena, Cal.	1891	James A. B. Scherer, Ph.D.	22
Trinity College	Hartford, Conn.	1824	Flavel S. Luther, B.A., Ph.D.	23
Tufts College	Tufts College, Mass.	1855	Frederick W. Hamilton, A.B., A.M., LL.D.	24
Tulane University	New Orleans, La.	1834	E. B. Craighead, LL.D.	25
Union University	Scheneetady, N.Y.	1795	Rev. Charles Alexander Richmond, D.D.	26
United States Military Academy,	West Point, N.Y.	1802	Col. H. L. Scott, U.S.A.	27
United States Naval Academy	Annapolis, M.D.	1845	Capt. C. J. Badger, U.S.N.	28
University of Alabama	University, Ala.	1831	John W. Abercrombie, LL.D.	29
University of Arizona	Tueson, Ariz.	1891	Kendrie C. Babeoek, B.L., A.M., LL.D.	30
University of Arkansas	Fayetteville, Ark.	1872	John L. Tillman, LL.D.	31
University of California	Berkeley, Cal.	1869	Benjamin Ide Wheeler, Ph.D., LL.D.	32
University of Chicago	Chicago, Ill.	1892	Harry Pratt Judson, A.M., LL.D.	33
University of Cincinnati	Cincinnati, Ohio	1874	Charles W. Dabney, LL.D.	34
University of Colorado	Boulder, Col.	1877	James H. Baker, LL.D., M.A.	35
University of Denver	University Park, Col.	1864	Rev. H. A. Buchtel, D.D., A.M., LL.D.	36
University of Florida	Gainesville, Fla.	1884	Andrew Sledd, Ph.D.	37
University of Georgia	Athens, Ga.	1800	D. C. Barrow, A.M.	38
	Moseow, Ida.	1892	James A. Maclean, M.A., Ph.D.	39
University of Idaho	Urbana, Ill.	1868	Edmund J. James, LL.D.	40
University of Illinois	Lawrence, Kan.	1866	Frank Strong, Ph.D.	41
	Orono, Me.		George E. Fellows, Ph.D., LL.D., L.H.D.	42
The state of the s	Ann Arbor, Mich.	1841	James B. Angell, LL.D.	43
University of Michigan	Minneapolis, Minn.	1868	Cyrus Northrop, LL.D.	44
University of Minnesota	University, Miss.		A. A. Kineannon, Chancellor	45
University of Mississippi			Albert R. Hill, LL.D.	46
University of Missouri	Columbia, Mo.	1841 1895	Clyde A. Duniway, Ph.D.	47
University of Montana	Missoula, Mont.			48
University of Nebraska	Lincoln, Neb.	1869 1886	Rev. E. Benjamin Andrews, D.D., LL.D. Rev. J. E. Stubbs, LL.D.	49
University of Nevada	Reno, Nev.		William G. Tight, Ph.D.	50
University of New Mexico	Albuquerque, N.M.	1892		51
University of North Carolina	Chapel Hill, N.C.	1795	Francis P. Venable, Ph.D., LL.D. Webster Merrifield, M.A.	52
University of North Dakota	University, N.D.	1884	webster Merribeid, M.A.	04

					Co-educa-		Val. Prop'ty Endow't and
	Stud'ts	Inst'rs	College Colors	Annual	tional	Tuition	other Resources
1	292	34	Yellow and White	None	No	25	\$652,000
2	3795	239	Violet	The Violet	Yes	100	5,075,000
3	4283	354	Royal Purple	The Syllabus	Yes	100	7,305,000
4	1878	129	Crimson and Gold	Hi-O-Hi	Yes	75	3,238,000
5	2536	199	Scarlet and Gray	Makio	Yes	18	4,623,000
6	1388	137	Blue and White	La Vie	No	100	2,160,000
7	1364	75	Blue and Gray	The Polywog	Yes	200	556,000
8	1314	161	Orange and Black	Bric-a-Brac	No	160	4.148,000
9	1804	146	Old Gold and Black	Debris	Yes	None	1,620,000
10	667	55	Cherry and White	Transit	No	200	2,637,000
11	466	26	Crimson and Blue	The Spider	Yes	70	1,312,000
12	452	52	Scarlet	Scarlet Letter	Yes	75	1,622,000
13	1068	188	Blue and White	Fleur-de-Lis	No	60	2,130,000
14	531	21	Garnet and White	None	Yes	12	234,000
15	686	51	Lemon and Black	Sou'wester	Yes	50	275,000
16	1045	61	Old Gold	The Hawkeye	Yes	None	1,326,000
17	2472	153	Crimson and Gray	Chinook	Yes	20	2,717,000
18	390	34	Silver Gray and Crimson	Link	No	225	1,745,000
19	343	41	Garnet	Halcyon	Yes	150	1,787,000
20	3138	234	Orange	The Onondagan	Yes	120	5,192,000
21	1548	158	Cherry and White	Owl	Yes	75	620,000
22	373	34	Orange and White	Polytechnic	Yes	85	415,000
23	215	23	Dark Blue and Old Gold	Iny	No	100	1,944,000
24	1118	217	Brown and Blue	The Brown and Blue	Yes	125	4,031,000
25	1097	156	Olive and Blue	Jambalaya	Yes	70	4,548,000
26	332	27	Garnet	The Garnet	No	75	1,252,000
27	419	90	Black, Gray, and Gold	Howitzer	No	None	23,250,000
28	763	110	Blue and Old Gold	The Lucky Bag	No	None	10,350,000
29	591	53	Crimson and White	The Corolla	Yes	None	1,590,000
30	201	32	Blue and Red	The Burro	Yes	None	322,000
31	1410	126	Cardinal	Cardinal	Yes	None	705,000
32	3553	395	Blue and Gold	Blue and Gold	Yes	None	9,806,000
33	6360	352	Maroon	Cap and Gown	Yes	180	24,593,000
34	1394	171	Scarlet and Black	Cincinnatian	Yes	75	3,274,000
35	1041	130	Silver and Gold	Coloradoan	Yes	None	723,000
36	1324	160	Red and Gold	Kynewisbok	Yes	45	745,000
37	103	17	Navy Blue and Orange	None	No	None	463,000
38	502	39	Red and Black	Pandora	No	50	797,000
39	480	45	Silver and Gold	Gem of the Mountain	Yes	None	940,000
40	4633	510	Orange and Blue	The Illio	Yes	39	2,543,000
41	2210	181	Crimson and Dark Blue	The Jayhawker	Yes	85	1,776,000
42	772	73	Light Blue	The Prism	Yes	40	888,000
43	4720	288	Maize and Blue	Michiganensian	Yes	40	3,830,000
44	4667	239	Maroon and Old Gold	The Gopher	Yes	30	6,180,000
45	404	32	Not Reported	Not Reported	Yes	None	1,460,000
46	2854	162	Gold and Black	The Savitor	Yes	None	3,522,000
47	184	21	Copper, Silver, and Gold	The Sentinel	Yes	None	1,195,000
48	3266	217	Scarlet and Cream	The Sombrero	Yes	30	2,470,000
49	325	31	Royal Blue and Silver	The Artemisia	Yes	None	749,000
50	163	16	Cherry and Silver	Mirage	Yes	None	170,000
51	786	94	Blue and White	Yackety-Yack	Yes	60	1,004,000
52	589	68	Pink and Green	The Dacotah	Yes	None	2,645,000
0.00	000	0.0	Tink and Green	I ne Dicotan	1 68	None	2,040,000

Name	Location	Founded	l President	
University of Notre Dame	Notre Dame, Ind.	1842	Rev. J. Cavanagh, C.Sc.	1
University of Ohio	Athens, Ohio	1809	Alston Ellis, Ph.D., LL.D.	2
University of Oklahoma	Norman, Okla.	1892	Rev. A. G. Evans	3
University of Oregon	Eugene, Ore.	1876	Prince L. Campbell, A.B.	4
University of Pennsylvania	Philadelphia, Pa.	1740	Charles C. Harrison, LL.D.	5
University of Pittsburg	Pittsburg, Pa.	1786	Rev. Samuel Black McCormick, D.D., LL.D.	6
University of Rochester	Rochester, N.Y.	1850	Rev. Rush Rhees, D.D., LL.D.	7
University of South Dakota	Vermilion, S.D.	1882	Franklin B. Gault, Ph.D.	8
University of Southern California	Los Angeles, Cal.	1880	Rev. George T. Boyard, D.D.	9
University of South Carolina	Colombia, S.C.	1805	Samuel Chiles Mitchell, Ph.D.	10
University of the South	Sewanee, Tenn.	1868	Benjamin L. Wiggins, M.A., LL.D.	11
University of Tennessee	Knoxville, Tenn.	1794	Brown Ayers, Ph.D.	12
University of Texas	Austin, Tex.	1883	Sidney E. Mezes, Ph.D.	13
University of Utah	Salt Lake City, Utah	1850	J. J. Kingsbury, Ph.B., Ph.D., D.Se.	14
University of Vermont	Burlington, Vt.	1800	Rev. Matthew H. Bucham, D.D., LL.D.	15
University of Virginia	Charlottesville, Va.	1825	Edwin Anderson Alderman, LL.D.	16
University of Washington	Seattle, Wash.	1862	Thomas F. Kane, Ph.D.	17
University of West Virginia	Morgantown, W.Va.	1867	Daniel Boardman Purinton, Ph.D., LL.D.	18
University of Wisconsin	Madison, Wis.	1850	Charles R. Van Hise, Ph.D.	19
University of Wyoming	Laramie, Wyo.	1887	Charles O. Merica, LL.D.	20
Vanderbilt University	Nashville, Tenn.	1875	J. H. Kirkland, LL.D., Ph.D., D.C.H.	21
Washington and Jefferson College	Washington, Pa.	1802	Rev. James David Moffat, D.D., LL.D.	22
Washington and Lee University .	Lexington, Va.	1749	George H. Denney, M.A., Ph.D., LL.D.	23
Washington University	St. Louis, Mo.	1859	David F. Houston, LL.D.	24
Wesleyan University	Middletown, Conn.	1831	William A. Shankin, D.D.	25
Western Reserve University	Cleveland, Ohio	1826	Rev. Charles T. Thwing, D.D., LL.D.	26
Williams College	Williamstown, Mass.	1793	Harry A. Garfield, LL.D.	27
Wooster University	Wooster, Ohio	1870	Rev. Louis Edward Holden, D.D., LL.D.	28
Worcester Polytechnic Institute .	Worcester, Mass.	1868	Edmund Arthur Engler, A.M., Ph.D., LL.D.	29
Yale University	New Haven, Conn.	1701	Arthur T. Hadley, LL.D.	30

COLLEGES

Barnard College	New York City	1889	Nicholas Murray Butler, Ph.D., LL.D., Litt.D.	1
Bryn Mawr College	Bryn Mawr, Pa.	1885	Miss M. Cary Thomas, Ph.D., LL.D.	2
Elmira College	Elmira, N.Y.	1855	Rev. Alexander C. MacKenzie, D.D., LL.D.	3
Mount Holyoke College	South Hadley, Mass.	1837	Mary E. Wooley, L.H.D.	4
Radcliffe College	Cambridge, Mass.	1879	LeBaron Briggs, M.A., LL.D.	5
Simmons College	Boston, Mass.	1902	Henry Lefavour, Ph.D., LL.D.	6
Smith College	Northampton, Mass.	1875	Rev. L. Clark Seelye, D.D., LL.D.	7
Vassar College	Poughkeepsie, N.Y.	1865	Rev. James M. Taylor, D.D., LL.D.	8
Wellesley College	Wellesley, Mass.	1875	Helen F. Pendleton, M.A.	9
Wells College	Aurora, N.Y.	1868	Rev. George M. Ward, B.A., M.A., D.D., LL.D.	10

Note,—This list has been carefully revised and corrected and is absolutely authentic.

					Co-educa		Val. Prop'ty Endow't and
	Stud'ts	Inst'rs	College Colors	Annual	tional	Tuition	other Resources
1	961	60	Gold and Blue	The Dome	No	100	\$2,260,000
2	1035	56	Olive Green and White	Athenia	Yes	None	1,191,000
3	646	53	Crimson and Cream	News Letter	Yes	None	305,000
14	734	98	Lemon Yellow	Webfoot	Yes	None	660,000
5.	4126	454	Red and Blue	The Record	Yes	200	20,424,000
6	1243	183	Gold and Blue	Owl	Yes	100	1,639,000
7	352	24	Dandelion Yellow	The Interpres	Yes	75	1,551,000
8	454	49	Vermilion	Coyote	Yes	12	493,000
9	1383	205	Cardinal and Gold	El Rodeo	Yes	70	700,000
10	298	. 31	Garnet and Black	The Garnet and Black	Yes	40	579,000
11	470	44	Orange and White	The Volunteer	No	100	827,000
12	867	108	Orange and White	Cactus	Yes	60	1,189,000
13	1833	88	Royal Purple	Cap and Gown	Yes	None	3,642,000
14	805	62	Crimson and Silver	Annual	Yes	None	838,000
15	537	86	Green and Gold	The Ariel	Yes	80	1,885,000
16	784	73	Orange and Blue	Cocks and Curls	No	75	3,451,000
17	1679	96	Purple and Gold	Tyee	Yes	None	1,873,000
18	1084	66	Old Gold and Blue	Monticola	Yes	50	1,125,000
19	4521	397	Cardinal	The Badger	Yes	30	5,351,000
20	189	33	Brown and Yellow	None	Yes	None	589,000
21	988	120	Black and Gold	Comet	Yes	100	3,049,000
22	388	29	Red and Black	Pandora	No	60	1,174,000
23	468	42	Blue and White	Calyx	No	50	1,306,000
24	1058	137	Myrtle and Maroon	The Hatchet	Yes	150	6,552,000
25	322	34	Cardinal and Black	Olla Podrida	Yes	85	2,621,000
26	1011	198	Red and White	Reserve	Yes	100	3,832,000
27	510	57	Royal Purple	The Gulielmensian	No	140	2,801,000
28	667	27	Black and Gold	The Index	Yes	60	1,484,000
29	488	50	Crimson and Steel Gray	None	No	150	1,320,000
30	3434	402	Blue	Yale Banner	Yes	155	10,561,830

FOR WOMEN

1	498	71	Light Blue and White	Mortar Board	No	150	\$3,148,000
2	420	58	Yellow and White	The Lantern	No	200	3,466,000
3	292	19	Purple and Gold	Iris	No	150	306,000
4	748	90	Light Blue	Llamarada	No	125	1,884,000
5	459	119	Red and White	None	No	200	1,387,000
6	570	70	Dark Blue and Gold	Microcosm	No	100	2,883,000
7	1572	117	White	None	No	100	2,904,000
8	1018	101	Rose and Gray	Vassarian	No	150	3,590,000
9	1282	106	Deep Blue	Legenda	No	175	2,649,000
10	180	26	Cardinal	The Cardinal	No	150	867,000

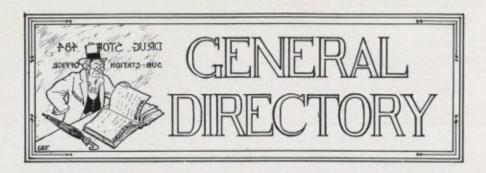
In Memoriam

Professor WILLIAM H. NILES

Died September 17, 1910

Mrs. ELLEN H. RICHARDS

Died March 30, 1911



Name and Society	Class	Course	Home Address
Aaron, Joseph Abraham	1911	VI	3 Normandy St., Roxbury, Mass.
Abbott, Leon Russell	1914	II Sp.	Barre, Vt.
Abel, George Hinman, A.B.	1912	II Sp.	
Achard, Francis Hermann	1913	VI	42 St. Germain St., Boston, Mass.
Adams, Arthur King, AT.	1912	I Sp.	24 Grove St., Adams, Mass.
Adams, Frederic Hillyer	1911	XIII	1709 Caton Ave., Brooklyn, N.Y.
Adams, Ralph Guy	1911	II	Needham, Mass.
Adler, Julian Emanuel	1913	X	2147 Highland Ave., Birmingham,
			Ala.
Affel, Herman Andrew	1914	VI	54 Downing St., Brooklyn, N.Y.
Ahearn, William Howard	1912	I Sp.	Pleasant St., West Hanover, Mass.
Albee, Albert Clifton	1912	I	69 Coolidge St., Brookline, Mass.
Albee, Charles Herbert	1912	X Sp.	109 Trenton St., East Boston, Mass.
Alden, Frederick Thornton	1912	I	109 Porter St., Malden, Mass.
Alden, Gardner Rich	1913	X	73 Sea St., No. Weymouth, Mass.
Aldrich, Henry Ray	1914	III	40 Irving St., Melrose, Mass.
Alexander, Edward Porter	1914	VI	
Alexander, Harry Silas, A.B.	1911	II	1211 E. Third St., Duluth, Minn.
Allan, John Andrew, B.A., M.S.	Grad.	XII	406 E. Maiden St., Washington, Pa.
Allen, Andrew Foster	1912	XI Sp.	Aubrey, Quebec, Canada
Allen Devid Pillebuwe	1911	II	Campello, Mass.
Allen, David Pillsbury			81 Beacon St., Saxonville, Mass.
Allen, Vincent Weaver	1912	II Sp.	15 Ridgewood St., Waterbury, Ct.
Allen, Walter Defriez	1911	XIII	8 Winter St., Nantucket, Mass.
Alley, Walter Wright	1913	IV Sp.	847 S. Madison Ave., Pasadena,
AUC C I DC		***	Cal.
Alling, Sydney, B.S.	1911	VI	1120 Park Ave., Rochester, N.Y.
Allison, Harold Burbidge Cheney	1911	X	2279 Mass. Ave., Cambridge, Mass.
Allton, Robert Adams	1913	XI	5 Beard St., Nashua, N.H.
Alter, John Frank	1911	IV	70 Newbury St., Lawrence, Mass.
Althouse, Reuben	1911	I	Boulder, Col.
Alvord, Herbert Burr, B.A.	1912	II	Gloversville, N.Y.
Ambler, Halford Henry	1914	I	207 Washington St., Winchester, Mass.
Anderson, Cedric Samuel	1911	VI	24 Ruskin St., W. Roxbury, Mass.
Andrews, Pearl Kinney	1914	IV	Yarmouth, N.S.
Angell, Herbert A	1911	IV Sp.	68 E. 10th St., Portland, Ore.
Appelquest, Jerome Anthony	1912	VI Sp.	
	1913		Middletown, Ct.
Arey, Reuben	1913	I Sp.	54 Wheatland Ave., Dorchester,
Association Theorem To	1011	737	Mass.
Arms, John Taylor, Jr	1911	IV	1801 New Hampshire Ave., N.W.
A-th W.h - A D. D.C	C 1	**	Washington, D.C.
Arthur, Walter, A.B., B.S.	Grad.	V	Reedo, Mo.
			[957]

Name and Society	Class	Course	Home Address
Atkins, Lew Morton	Grad. 1913	XIII A	Butte, Mont. Trevano Castle, Lugano, Switzer- land
Atwood, Francis Clarke	1914 1912 1911 1911	XIV XIII Sp. I IV Sp.	75 Maple St., Middleton, Mass. Box 36, W. Medway, Mass. 45 Perkins St., W. Newton, Mass.
Ayesa, Antonio M. Ayres, Richardson, Σ X	1914 1912	I Sp.	122 Arligui St., Manila, P.I. Natchez, Miss.
Babbitt, Harold Eaton	1911 1912	XI II	84 Huntington Ave., Boston, Mass. 6053 Woodlawn Ave., Chicago, Ill.
Bailey Les Addison	1913	IV	
Bailey, Lee Addison			Chippewa Falls, Wis.
Bailey, Russell Thomas	1912	I Sp.	
Baker, David Franklin	1912	III	Villa Nova, Pa.
Baker, Eugene Berkeley, A P	1912		52 Central St., Auburndale, Mass.
Bakewell, Donald Campbell, A.B.	1912	II Sp.	
Balcells, Marion Joseph, M.E.	1912	VIII Sp.	Boston College, Harrison Ave., Boston, Mass.
Balke, Frank Carl, Σ X	1913	X Sp.	1910 N. Meridian St., Indianapolis, Ind.
Ballard, Volant Vashon, A	1912	I	Creston, Cal.
Barker, Charles Norse	1911	VI	25 Newton St., Marlboro, Mass.
Barker, Frederic Rutherford	1913	III	26 Queen Sq., St. John, N.B.
Barker, Frederick William, Jr., A K E	1912	X	215 Park Ave., Syracuse, N.Y.
Barker, Harold Ward	1914	IV	432 Springfield Ave., Wyoming, Ohio
Barnard, Kenneth Homes, A.B.	1913	V	30 Shaw St., W. Newton, Mass.
Barnes, Carlton Sloan	1911	VI	47 Raymond St., Everett, Mass.
Barnes, Philip Simeo	1913	X	296 Highland Ave., Wollaston, Mass.
Barnes, William Ellsworth, Jr., θ X	1912	I Sp.	432 Columbia Rd., Dorchester, Mass.
Barnett, Abraham Barns, Frederick Balston, B.S.	1914	VIII	480 Tremont St., Boston, Mass.
Barns, Frederick Balston, B.S.	1914	VI	28 South 51st St., Philadelphia, Pa.
Barr, Kester, A T A	1911	II	84 Hodge Ave., Buffalo, N.Y.
Barratt, Roswell Farman, A K E	1914	IV	133 Harrison St , E. Orange, N.J.
Barrows, Wilfred Warren	1913	IV Sp.	41 Chase St., Newton Centre, Mass.
Barry, John Lincoln, 3d, Δ T Δ	1912	VI	42 Parker St., Newton Centre, Mass.
Bartel, Paul Winfield	1913	II	34 Banks St., Waltham, Mass.
Bartlett, Charles Lawrence	1911	II	34 Putnam St., Buffalo, N.Y.
Bartlett, David Elmore	1911	VI	153 Fort Hill Ave., Lowell, Mass.
Bartlett, George Roberts	1913	III Sp.	22 Lyndhurst St., Dorchester, Mass.
Bartlett, Louis DeBlois	1914	III	Providence, R.I.
Barton, Donald Clinton, A.B.		XII	16 Lexington Ave., Cambridge,
			Mass.
Barton, Royal Miner	1911	VIV	168 Richard St., Auburn, R.I.
Batchelder, John Kimball	1913	XIV	Wilton, N.H.
Bates, Ralph Dudley	1912	XI	Ripley Rd., Cohasset, Mass.
Bates, Stacy Collins, A T Ω	1912	II Sp.	Bridgewater, Mass.
Bates, Stanley Edwards	1911	1	144 Hancock St., Auburndale, Mass.
Batty, Ernest James	1911	II	196 High St., Valley Falls, R.I.

Name and Society	Class	Course	Home Address
Baxter, Stanley Munroe	1913	III Sp.	15 Rutger St., Utica, N.Y.
Baxter, William Henry	1912	III Sp.	755 Boylston St., Boston, Mass.
Beale, Allan Souther	1913	I	22 St. James Ave., Boston, Mass.
Beale, James McArthur, Δ T	1912	XI Sp.	1437 Beacon St., Brookline, Mass.
Beardsley, Robert Oglesby, Ph.B.	1912	VI Sp.	Middletown, Ohio
	1912	VI Sp.	2656 Jefferson Ave., Ogden, Utah
Beason, Lew Wyatt			1022 Roanoke St., Roanoke, Va.
	1913	IV Sp.	
Beckmann, Rafael Adolfo	1911	III	Parral, Chihuahua, Mex.
Beidelman, Aubrey Donnithorne	1914	XIII	135 Arnold Ave., Braintree, Mass
Bell, John Rice	1911	X	16 Greenleaf St., Malden, Mass.
Bellis, Arthur Edward	1913	V	9 Brown St., Waltham, Mass.
Benbow, David Fry, Δ T Δ	1912	II Sp.	
Benjamin, Harold Chenery	1914	II	14 Marshall St., Watertown, Mas
Benson, D'Elbert Chappele	1913	III Sp.	147 Irvington Pl., Denver, Col.
Benson, Harvey Smith, Θ Δ X	1912	II	1702 S. State St., Syracuse, N.Y.
Bent, Donald Earl, Φ Γ Δ	1912	VI Sp.	Lamar, Col.
Bent, Franklin Augustus	1913	X Sp.	Framingham, Mass.
Bent, Harold Townsend	1914	VI	83 Gainsboro St., Boston, Mass.
Beola, Pablo	1914	I	Gibara, Cuba
Bermudez, Reuben, Jr	1912	III	San Pedro Sula, Honduras, C.A.
Bernhard, Jacob	1913	II	10 Spring Park Ave., Jamaic
bermard, sacob	1010		Plain, Mass.
Romy Carl Mathie	1914	X	7 Norris St., Cambridge, Mass.
Berry, Carl Mathis			
Berry, Clarence John	1914	VI Sp.	7 Norris St., Cambridge, Mass.
Besosa, Alexander Celedonio	1914	X Sp.	Ponce, Porto Rico
Besse, Eldred Edward, O X	1911	II	10 Cooke St., Fairhaven, Mass.
Bierer, Ralph Winfred, B.S.	1911	I	Cedarville, Va.
Birchard, Harold Snell, Φ Σ K	1913	XIV	181 Bowdoin St., Springfield, Mas
Bird, William Case, A T Ω	1912	I	13 Middle St., Rockland, Me.
Black, Matthew B	1911	I	Avon, Pa.
Black, William Spence	1913	III	32 Addison St., Arlington, Mass.
Blackwood, Frederick William	1913	VI Sp.	126 Zeigler St., Roxbury, Mass.
Blade, Edward Hubner	1911	VI	684 Tremont St., Boston, Mass.
Blake, Kenneth Bradley	1913	XIV	136 Billings St., Atlantic, Mass.
Block, Leroy Reade, A T A	1913	IV Sp.	258 Smith St., Freeport, L.I.
Blomquist, Fritz Charles	1914	I	57 Linwood Rd., Lynn, Mass.
Dondonarian Suran	1911	IV	37 Hopedale St., Allston, Mass.
Bogdasarian, Suren	100000000000000000000000000000000000000	II	
Bolton, John Wesson, Jr	1914		187 Bailey St., Lawrence, Mass.
Bond, Thomas Davis	1912	VI	128 High St., Reading, Mass.
Bonney, Robert Daland	1913	X	35 Central St., Wakefield, Mass.
Bonvouloir, Lionel	1913	VI Sp.	207 Beech St., Holyoke, Mass.
Borden, Howard Granville	1914	VI	710 Rock St., Fall River, Mass.
Boutwell, Roswell Murray, Jr	1914	II Sp.	300 Newbury St., Boston, Mass.
Bowler, Edmund Wesley	1914	XI	22 Court St., Dedham, Mass.
Bowman, John Roswell	1911	XI	Billerica, Mass.
Bowman, Lee, A.B.	1913	IV	3236 Diamond St., Philadelphia
			Pa.
Boyd, Ernest Mathew	1914	II	11 Grampian Way, Dorchester
boyu, arnest matnew	1014	11	
		Sp.	Mass. Pepperell, Mass.
			I CODETCH, MIRSS.
	1914		
Brackett, Harold Hasty	1912	VΙ	S. Framingham, Mass.
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Brackett, Harold Hasty	1912	VΙ	S. Framingham, Mass.

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Busby, Hibbard Spencer 1914 XIII 50 Nichols St., Chelsea, Mass.	Busby, Frederick Henry			
Bylund, Walter Robert, Σ A E 1913 II 155 Derby Ave., Derby, Ct.	Busby, Hibbard Spencer		XIII	
	Bylund, Walter Robert, Σ A E	1913	II	155 Derby Ave., Derby, Ct.

Name and Society	Class	Course	Home Address
Caballero, Agusto Davio	1914	IV	Montezuma, Sonora, Mexico
Cadenas, Jose Manuel	1913	I	Mercaderes 10altos, Havana, Cuba
Cady, Herbert Barney	1913	XIII	90 Dover St., Lowell, Mass.
	1912	II Sp.	250 Chambers St., Boston, Mass.
Caigan, Israel	1913	XIV Sp.	171 Townsend St., Roxbury, Mass.
Cairns, Claude Francis, φ Γ Δ	2010	II	Lookout Mountain, Tenn.
Caldwell, Frank Walker, & B E		I	
Caldwell, Philip Lord, K θ	1911	100	101 Gainsboro St., Boston, Mass.
Caldwell, Winthrop Earle	1912	X	Newburyport, Mass.
Callahan, Cornelius Joseph	1914	XI	20 Pleasant Ter., Lawrence, Mass.
Callahan, Thomas H	1913	X Sp.	12 Lexington St., S. Framingham,
C.I. H. Wather	1914	XI	Mass. 846 Hewitt Pl., New York, N.Y.
Calver, Homer Northrop		I	9 Garden St., Newburyport, Mass.
Cameron, Edward Hugh		-	
Campbell, James Kenneth, K θ	****	I	Esmont, Va.
Campbell, Ross	1914	X	59 Washington St., Newburyport,
			Mass.
Canaday, William Atkinson	1914	II	283 State St., Albany, N.Y.
Capen, George Philip, \Delta T \Delta	1913	X	Canton Junction, Mass.
Cardinal, Adolph Charles, Φ Σ K	1913	XI Sp.	
Carlson, Hilding Nathaniel	1913	VI	40 Saville Ave., Quincy, Mass.
Carmichael, Andrew Williams	1912	XIIIA	32 Westland Ave., Boston, Mass.
Carpenter, Arthur Whiting		X	28 Genesee St., Wellsville, N.Y.
Carpenter, Charles Hamlin, K O		II	29 Richardson St., Newton, Mass.
Carpenter, James Richardson, Ph.B., Φ Γ Δ		-	Hotel Beaconsfield, Brookline,
Curpenter value of the same doon, a service			Mass.
Cartwright, Kenneth, Φ K Σ	1912	II	24 Park St., Wakefield, Mass.
Cary, Charles Austin, A.B.		I Sp.	E. Machias, Me.
Catching, Harry Hardin, K O			London, Ky.
Cather, Jay Howard, A.B., Δ T Δ			1525 H. St., Lincoln, Neb.
Cather, Jay Howard, A.D., 2 1 2	1913	VI VI	Box 324, Honolulu, Hawaii
Catton, Richard Belmont, & BE	1010		119 Plympton St., Waltham, Mass.
Chadwick, James Barton	. 1913		
Chamberlin, Olin Vivian, Φ K Σ	1911	H	603 N. Main St., Washington, Pa.
Chambers, George James		I Sp.	
Champlin, Silas Henry	1913	V	E. Longmeadow, Mass.
Chandler, Ferdinand Arnold	1913		67 Briston St., New Haven, Ct.
Chandler, Leroy Wilder		VI Sp.	
Charm, Louis	1914	VI	50 Webster Ave., Cambridge, Mass.
Chase, Orliff van Heik, A.B., Δ T Δ	. 1911	IV	1096 Boylston St., Boston, Mass.
Chase, Thomas Lock	1914	I Sp.	4537 Lindell Blvd., St. Louis, Mo.
Chatfield, Charles Hugh		II	509 Willow St., Waterbury, Ct.
Chen, Shao Ching		I	Canton, China
Chen, Sidney Ying		XIII	Shanghai, China
Chinchilla, Pelayo Kirkpatrick		I Sp.	
Chow, Chushen	1911	X	Shanghai, China
			Lee-Char-hoo, Tsi-Shing, Kian-Soo,
Chow, Ming	1014	· cp.	China
Chow, Ziang Yien	. 1914	XIII	440 Lloyd Rd., Shanghai, China
Christie, Madison Walter		Sales Sales 17	
			Sun Ning, Kwong Tung, China
Chu, Yu Mai			
Churchill, James Stanley, Σ A E			110 Billings St., Atlantic, Mass.
Clark, Charles Cameron			141 Sargent St., Holyoke, Mass.
Clark, George Hall, Φ K Σ			
Clark, Norman	. 1913		312 W. 54th St., New York, N.Y.
Clark, Oberlin Shurtleff	. 1911	II	30 Sydney St., Dorchester, Mass.

Name and Society	Class	Course	Home Address
Cleverley, Frank Capen	1914	XIII	837 Avenue C., Bayonne, N.J.
Clisham, Ormonde Chester	1914	X	11 Pearl Ave., Winthrop, Mass.
Cobb, Frank Lewis	1911	VI	56 Mt. Everett St., Dorchester,
Coburn, William Haskins, Φ K Σ	1010	I & XI	Mass.
Codding, Henry White	1912	VI	Jefferson, Me. 415 Pearl St., Brockton, Mass.
Coffin, Mitchell	1911	II Sp.	30 Remsen St., Brooklyn, N.Y.
Cogan, Paul Vincent	1913	II Sp.	139 P St., S. Boston, Mass.
Cohen, Harold	1914	XIV	66 Summit St., Pawtucket, R.I.
Cole, John Foster	1911	VI	456 Broadway, S. Boston, Mass.
Cole, Raymond Thurber, B.S.	1911	II Sp.	16 Pleasant St., S. Portland, Me.
Cole, Wilson Graham, Θ Ξ	1912	I Sp.	1020 N. Eutaw St., Baltimore, Md.
Coleman, Arthur Moxham, ΔΨ	1911	VI Sp.	1412 St. James Ct., Louisville, Ky.
Collier, Ethan Alexis, B.S.	1911	I Sp.	144 W. Fifth St., Eugene, Ore.
Collins, Arthur Edgar Gerald	1914	III Sp.	1704 Colorado Blvd., Denver, Col.
Collins, Thomas Richard	1913	X	72 Clinton St., Everett, Mass.
Collins, William Leo	1912	XI	Medway, Mass.
Comber, Thomas Francis	1914	X	22 Butler St., Lawrence, Mass.
Comstock, Marshall Ernest, Φ Σ K	1911	VI	75 Wyman St., W. Medford, Mass.
Comstock, Rock Livingston, A K E	1912	X Sp.	Wellsville, N.Y. 72 Medford St., Malden, Mass.
Connelly John William	1912	Î	47 Seventh St., Cambridge, Mass.
Connolly, John William	1912	XIII	8 Cottage Pl., Utica, N.Y.
Cook, James Arthur	1912	VI	29 Warren St., Peabody, Mass.
Cooke Francis Grav	1911	XIII	296 South Ave., Whitman, Mass.
Cooley, Lloyd Cartwright, Σ A E	1911	X	26 Stetson St., Brookline, Mass.
Cooper, Lester William	1912	VI	56 Bartlett St., Malden, Mass.
Copeland, Stuart Brown, A T A	1912	II	1827 Grand Ave., Milwaukee, Wis.
Coram, Cedric Edwin	1914	I	38 Garrison Rd., Brookline, Mass.
Corbett, Edwin Ellsworth, Λ Φ	1913	V	181 Lincoln Rd., Brooklyn, N.Y.
Corcuera, Ignacio L	1912	I Sp.	Avenida Corona, 225 Guadajajian, Mex.
Cornell, Samuel Hoag, X &	1911	XIII	67 W. 83d St., New York, N.Y.
Corney, Chester Albert	1914	VI	815 E. 4th St., S. Boston, Mass.
Corts, Frederick Lester, B.S., Φ Σ K	1911	II Sp.	319 W. 134th St., New York, N.Y.
Cory, Marcus Maurice	1912	I	Jerseyville, Ill.
Cotton, Evan Bruce	1912	II Sp.	The Arundel Apt., Baltimore, Md.
Coulson, Herbert	1912	VI Sp.	285 Huron Ave., Cambridge, Mass.
Covill, Frederick William	1912	H Sp.	61 Montview St., W. Roxbury,
C to DETE	1011	VI	Mass.
Covitz, Philip	1914	XI	4 Wyoming St., Roxbury, Mass.
Cowee, George Alvin, $\Delta \Upsilon$	1911 1914	VI Sp.	41 Edgell St., Gardner, Mass. 18 Moulton St., W. Lynn, Mass.
Cowles, Charles Leon	1912	III	Terre Haute, Ind.
Crane, Rufus, A.B.	1911	I	North Hanover, Mass.
Crankshaw, Alden	1914	X Sp.	391 Gordon St., Atlanta, Ga.
Crawford, Chauncey Augustus, Λ Φ	1913	X	Kent, Ct.
Creighton, Irving C	1914	II Sp.	
Cremer, Randall, Y X	1912	I	112 C St., S.E., Washington, D.C.
Crocker, Ernest Charlton	1914	X	9 Dickens St., Dorchester, Mass.
Crocker, Harold Simpson	1913	X	161 Highland St., Brockton, Mass.
Crocker, Zenas, Jr	1913	IV Sp.	Marstons Mills, Mass.
Crommett, Charles Freeman	1914	II	115 Orange St., Chelsea, Mass.
Cromwell, Benjamin Coffin, Jr., K Θ .	1913	III Sp.	Vineyard Haven, Mass.

Name and Society	Class	Course	Home Address
	1914		
Cross, Alfonso Lamarque		II Sp.	Matamoros, Tampa, Mex.
Cross, Richard Blodgett, Φ Σ K	1913	VI	Concord, Mass.
Crost, William Sol	1912	VI Sp.	455 Columbus Ave., Boston, Mass.
Crowell, Donald Gibbs, θ Δ X	1914	X	28 Everett Ave., Winchester, Mass.
Crowley, John Edward	1912	VI	15 Forest Ave., Bangor, Me.
Cummings, George Bradley	1911	VI	6 Elmwood Ave., Winchester, Mass.
Cummings, Laurence Theodore	1912	VI	Winchendon, Mass.
Cunningham, Raymond John	1912	I Sp.	31 South St., S. Hadley Falls, Mass.
Currier, Howard Slocum, Φ Σ K	1913	H	228 Commonwealth Ave., Detroit, Mich.
Currier, Joseph Herbert	1914	II	6 Magnolia St., Newburyport, Mass.
Currier, Louis Wade	1914	I	39 Rogers Ave., Lynn, Mass.
Currier, Philip Mahlon	1914	VI	87 E. Haverhill St., Lawrence,
Catha Carray Alban	1010	TVC	Mass.
Curtin, George Abbott	1913	IV Sp.	39 Charles Ave., Auburndale, Mass.
Curtis, Arthur Harrison	1911	I Sp.	72 Centennial Ave., Revere, Mass.
Curtis, Frank Henry	1911	III	8 East St., E. Weymouth, Mass.
Cushing, Allston Tattrie, B.S.	1911	1	Fairville, St. John Co., N.B., P.O. Box 44
Cushing, Burton Lane	1913	II	213 Howard St., Rockland, Mass.
Cushing, Richard Watson	1911	VI	Cohasset, Mass.
Cushman, Paul Allerton	1911	VI	25 Chestnut St., Boston
Custer, Levitt Luzern	1913	П	28 N. Ludlow St., Dayton, Ohio
Dage, Zu Chi	1914	X	84 Small Bridge, West Gate, Shang- hai, China
Daggett, Robert Gurney	1913	XI Sp.	North Tisbury, Mass.
Dalrymple, Philip White, Φ B E	1912	II	123 High St., Medford, Mass.
Damon, Henry Chester, A.B.	1913	IV	46 Richmond St., Fall River, Mass.
Danforth, Harold Johnson	1914	VI	34 Central St., Saxonville, Mass.
Daniels, Fred Harold, Jr., Ph.B., Φ Γ Δ.	1911	VI	214 Salisbury St., Worcester, Mass.
Daniels, Wylie Johnston, A.B.	1912	XI	1843 N. Penn St., Indianapolis, Ind.
Danser, Harold Wesley, K θ	1912	VI Sp.	
Darling, George Shove	1913	IV Sp.	59 Highland Pl., Fall River, Mass.
Darrow, Burgess	1911	VI	22 Sargent St., Upham's Corner, Mass.
Dasso, David	1912	II	Apartado 1171, Lima, Peru
Davies, Arnold Chaplin	1911	XIV	114 Belmont St., Somerville, Mass.
Davis, Albion	1913	I	
			R. F. D. 31, Lexington St., Wal- tham, Mass.
Davis, Albion Richmond	1912	II	9 Butler St., Dorchester, Mass.
Davis, Chester Pelkey	1914	X	116 Upland Rd., Cambridge, Mass.
Davis, Edgar Howard, Jr.	1914	I	18 Washburn St., Watertown, Mass.
Davis, Ernest Walter	1912	VI	19 Raymond St., Everett, Mass.
Davis, Harold Beukma	1912	III Sp.	
Davis, Harold Martin	1911	I	28 Auckland St., Dorchester, Mass.
Davis, Henry Clarence, Jr., X Φ	1911	VI	Fort Washington, Md.
Davis, Newton	1912	I Sp.	27 Waumbeck St., Roxbury, Mass.
Davis, Stanley Hart	1913	VI	1 Arthur Pl., Hartford, Ct.
Davis, Tenney Lombard	1913	V Sp.	
Davis, Walter Swindell	Grad.	IV	802 N. Carrollton Ave., Baltimore,
			Md.

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Name and Society	Class	Course	Home Address
Davis, William Couch, B.S., C.E	1911	I Sp.	West Point, Va.
Dawson, Elmer Ellsworth	1914	II	28 Washington Ave., Winthrop,
Denous, amor amorros	10000	77	Mass.
Day, Sidney Logan	1912	IV	Huntington, W. Va.
DeLamater, Harry Irving	1914	II	6 Washington St., Auburn, N.Y.
De Florez, Louis, ΔΨ	1912	II Sp.	19 W. 32d St., New York, N.Y.
Dennison, Orville Boardman, K θ	1911	VI	26 Pearl St., S. Framingham, Mass.
Denton, William Byers, Ph.D., Σ X	1911	VI	1724 Gaylord St., Denver, Col.
	1914	I Sp.	Sharon, Mass.
Derry, Gardner Clinton	1912	VI Sp.	The Washington, St. Louis, Mo.
Desloge, Joseph, A.B.	1912	IV Sp.	3847 W. Pine St., St. Louis, Mo.
Desloge, Marcel, A.B.	1914	II Sp.	110 School St., Roxbury, Mass.
Devine, Alfred William	1913	V Sp.	Needham, Mass.
Devine, James Henry	1913	IV Sp.	110 School St., Roxbury, Mass.
Devine, Robert Lawrence	1914	X	49 Canal St., Brattleboro, Vt.
DeWitt, Arthur Birchard, X Φ	1912	ÎÌ	Osterville, Mass.
DeWitt, Ernest William	1912	VI	1794 Columbia Rd., S. Boston,
Dexter, Harris Edward	101%		Mass.
Day Visales Van Danasalaas V d	1913	T Sn	32 Weston Rd., Wellesley, Mass.
Dey, Kinsley Van Rensselaer, X Φ	1914	X X	69 E. Main St., Amsterdam, N.Y.
Dickson, Ross Hewitt	1914	II Sp.	2144 Washington St., Lincoln, Neb.
Dierks, DeVere, A T Ω	1912	II Sp.	412 Gladstone Blvd., Kansas City,
Dierks, Frederick Henry, A 1	1012	II op.	Mo.
Dinsmore, Ray Putnam	1914	III	North St., Tewksbury Centre, Mass.
Dixon, Donald Ritson	1914	XI	Mansfield, Mass.
Doane, Ralph Harrington, X Φ	1912	IV Sp.	19 S. 10th St., Newark, N.J.
Dobbyn, Edward Thomas	1913	VI Sp.	70 Pearl St., Charlestown, Mass.
Doble, Ralph Nelson, AT	1912	II Sp.	24 South St., Quincy, Mass.
Dodge, Charles Ernest, K θ	1912	I Sp.	26 School St., Manchester, Mass.
Dolliver, Henry Francis, θ X	1911	I	21 Farewell St., Newport, R.I.
Doremus, Robert Child, Φ Γ Δ	1914	XI	232 Claremont Ave., Montclair, N.J.
Dorrance, Arthur Calbraith, Y A E	1914	X	Bristol, Pa.
Doud, Chauncey Earle, A K E	1914	II	355 Newtonville Ave., Newtonville,
			Mass.
Downey, Edward Augustine	1913	VI Sp.	5148 Maple Ave., St. Louis, Mo.
Downing, Lester Locke	1912	II Sp.	30 Bowdoin St., Cambridge, Mass.
Dows, Chester Lawrence	1911	VI	339 Walker St., Lowell, Mass.
Dowst, Henry, Jr.	1913	I	322 Orange St., Manchester, N.H.
Drake, Whitford	Grad.	XIII A	Waltham, Mass.
Drew, William Noel, O X	1911	X	201 Magnolia St., Dorchester, Mass.
Drewsen, Pierre, B.S., θ Δ X	1912	X	385 Franklin Ave., Brooklyn, N.Y.
Duell, Garth Homer	1912	III Sp.	Cañon City, Col.
Duffett, Norman, Δ K E	1911	X	1134 Lake Ave., Rochester, N.Y.
Duffield, Thomas Jefferson	1914	XI	Asbury Park, N.J.
Duffy, James Francis	1911	VI	8 Mather St., Dorchester, Mass.
Duke, Leslie Burton, K θ	1912	III	147 Harrishof St., Roxbury, Mass.
Dunbar, Henry Capen	1914	I Sp.	S. Main St., Randolph, Mass.
Dunlap, John Howard, A.B.	1911	II	38 Prospect Ave., Washington, Pa.
Dunn, Frank Edward	1914	I	68 Pearl St., Melrose Highlands, Mass.
Duyser, Cornelius Anthony	1912	XI	102 Wallius St., Winsted, Ct.
Dyer, George Webster	1913	IV Sp.	178 Court St., Plymouth, Mass.
Dyer, Sterling Burton	1911	II	Cape Elizabeth, Me., Box 109

Name and Society Cl	ass Course	Home Address
Eastman, Arthur Gilman 19	13 II Sp.	Townsend, Mass.
and the second s	13 XIV Sp.	Wenham, Mass., P.O. Box 50
	14 I	138 Poplar St., Roslindale, Mass.
	14 VI	Tuckahoe, N.Y.
	700	8 St. James Ave., Boston, Mass.
Edgar, Arthur A.C., M.S		
Edgerton, Gurdon Írving, Φ Γ Δ 19	12 IV	3 Whittier St., N. Cambridge, Mass.
Edison, Charles, Δ Ψ	13 IX	Llewellyn Park, Orange, N.J.
Eicher, Archibald, Σ A E 19	12 XI	415 W. Pittsburg St., Greensburg, Pa.
Eichorn, William Newsome, Λ Φ 19	13 III Sp.	11 Newsome Park, Jamaica Plain, Mass.
Eisenberg, Adolphe Martin 19	12 VII Sp.	80 Green St., Boston, Mass.
	12 I	9 Madison St., Somerville, Mass.
	13 XIV	722 Columbia Rd., Dorchester,
ancoch, and mond ogic ,	00 0000	Mass.
Eldred, Calvin Powell 19	12 VI	105 18th St., Lowell, Mass.
	11 XI	Stranton, Ind.
	12 VIII	418 Wallace Ave., Covington, Ky.
	13 VI	2325 Madison Ave., Ogden, Utah
	11 111	47 Walk Hill St., Jamaica Plain,
Emmel, Audolph	11 111	Mass.
Enright, John Hayden 19	13 IV Sp.	
	11 II	18 Laurel Ave., Auburn, Me.
	13 III Sp.	15 Parley Vale, Jamaica Plain,
		Mass.
	14 VI	149 Cabot St., Newton, Mass.
Eynon, Stuart John, θ Δ X 19	13 VI Sp.	423 E. 136th St., New York, N.Y.
Fales, Dean Abner, Δ K E 18	113 II Sp.	145 Highland St., W. Newton, Mass.
Fales, Elisha Noel, A.B., Φ B E 19	11 II	Lake Forest, Ill.
	13 III	31 Burroughs St., Jamaica Plain, Mass.
Fallon, Christopher, B E 19	12 III Sp.	Wayne, Pa.
Faragher, Paul Vance, A.B Gra		Sabetha, Kan.
Farwell, John Bent, θ Δ X 19	13 II Sp.	Natick, Mass.
	12 VI	119 Bellevue St., W. Roxbury, Mass.
Faunce, Linwood Draper	14 IV	78 E. Main St., Marlboro, Mass.
The second of th	14 VI	183 Highland Ave., Wollaston,
Pavorite, Michard vosepii	** **	Mass.
Ferguson, Harry Foster, A X P 19	12 XI	34 Crandall St., Adams, Mass.
Ferris, Livingston Polk, A.B 19		Lamourie P.O., La.
Ferry, Earl Emerson		84 Elizabeth St., Pittsfield, Mass.
	12 II	84 Elizabeth St., Pittsfield, Mass.
	13 I	34 Pelham St., Newton Centre,
		Mass.
A state of the sta	14 X	122 Monument St., Portland, Me.
	13 VI Sp.	241 Everett St., Allston, Mass.
	12 VI	171 Belmont Ave., Brockton, Mass.
Fisher, Thomas Chatfield 19		Cotuit, Mass.
Fiske, Charles Parker, A T A 19	14 I	173 Woodland Rd., Auburndale,
		Mass.

Name and Society	Class	Course	Home Address
Fitzherbert, Leroy George	1913	I Sp.	16 Oxford St., Somerville, Mass.
Flanders, William Niles, C.E., K O	1912	I Sp.	211 Haverhill St., Lawrence, Mass.
	1912	II Sp.	65 W. South St., Wilkes-Barre, Pa.
Flansburg, Percey Le Roy	1912	VI Sp.	121 Elm St., Albany, N.Y.
	1912	1	154 Youle St., Melrose, Mass.
	1912	VI	Palmer, Mass.
Foley, John Francis	1913		80 Park St., Palmer, Mass.
	1913	III	Adams, Mass.
	1912	I Sp.	San Juan, Porto Rico
Forbes, Lester Thurston	1914	VI	96 Franklin St., S. Framingham, Mass.
Forest, Alfred Victor de, $\Delta \Psi$	1911	XIII Sp.	7 E. 10th St., New York, N.Y.
	1911	IV	381 Orange St., Springfield, Mass.
	1914	IV Sp.	Francis St., Woburn, Mass.
	1914	XI	15 Montrose St., Roxbury, Mass.
Fox, Harold Robert Leslie, Λ Φ	1912	III	Halse Hall, May Pen, Jamaica, W.I.
	1912	II	54 Oak St., Hartford, Ct.
The second services of the second services and the second services and the second services and the second services and the second services and the second services and the second services and the second services and the second services and the second services are services and the second services are services and the second services are services and the second services are services and the second services are services and the second services are services and the second services are services are services and the second services are services are services and the second services are servi	1911	XIII A	207 S. Broad St., Mobile, Ala.
	1913	IV Sp.	Needham, Mass.
The second secon	1913	IV Sp.	Echo Point, Wheeling, W. Va.
	1912	X Sp.	8 Collins St., Newburyport, Mass.
	1912	XI	14 N. Montello St., Brockton, Mass.
	1912	VI	Arcola, Va.
	1913 rad.	'i	235 Arlington Ave., Providence, R.I. Del Prado Hotel, Chicago, Ill.
	1914	VI	52 Erie Ave., Newton Highlands,
Frost, Irving Frankun	1314	,1	Mass.
Fryer, Herbert	1911	VI	28 Washington St., Stoneham, Mass.
Fuller, Miss Constance, A.B	1912	IV Sp.	80 Court St., Exeter, N.H.
	1911	1	83 Adams St., Rochester, Mass.
	1911	II	22 Shaw St., W. Newton, Mass.
Funk, Carl Augustus	1912	IV	31 Station St., Brookline, Mass.
Gabriel, Charles Lester	1912	X	204 W. 141st St., New York, N.Y.
Gage, Elliot Howes, Φ K Σ	1913	XI	101 Anawan Ave., W. Roxbury,
		22	Mass.
Gagnon, Earl Estabrook	1913	11	167½ Merrimac St., Newburyport, Mass.
Gaillard, David Saint Pierre, X	1911	VI	Culebra, Canal Zone
	1912	Ĩ	Gloucester, Mass.
	1912	VI	700 Sheridan Rd., Chicago, Ill.
Gallene, Victor Joseph	1914	II	21 Everett St., Charlestown, Mass.
Gardiner, Charles S	1914	I Sp.	105 Radcliffe St., Dorchester, Mass
	1911	II	Maple Ave., Kingston, Mass.
Gardner, Chester Russell	1914	VI	11 Spring Hill Ter., Somerville, Mass.
Gardner, Henry Lawrence	1914	I Sp.	4 Hagar St., Jamaica Plain, Mass.
	1914	I	Dr. Mier 111, Monterey (N.L.),
		10000	Mex.
	1912	II Sp.	Dr. Mier 111, Monterey, Mex.
Gay, Arthur Taro	1911	IV Sp.	140 Marlboro St., Boston, Mass.
	1914	II	Aintab, Turkey
and the second s	1913	I	26 Hopkins St., Hartford, Ct.
George, Gardner Clifford	1911	1	697 Salem St., S. Groveland, Mass.

Name and Society	Class	Course	Home Address
Gere, Edwin Clarence, θ Δ X	1913	I Sp.	535 Oak St., Syracuse, N.Y.
Gere, Ward Nelson, O A X	1912	VI	535 Oak St., Syracuse, N.Y.
Germain, Edward Bennett, Φ B E	1913	II Sp.	435 Delaware Ave., Buffalo, N.Y.
Gibson, Algernon Tuttle	1913	III	26 Myrtle St., Jamaica Plain, Mass.
Giffels, John Emil Williams	1914	II	22 Main St., Charlestown, Mass.
Gilbert, Francis Prince	1914	XI	6 Odell Ave., Beverly, Mass.
Gilcreest, Oscar Joseph, E.E.	1911	VI Sp.	Gainsville, Tex.
Giles, Donald McFarlon	1912	III	22 Academy St., Amsterdam, N.Y.
Gilmore, William Smith	1913	IV Sp.	Villa Emilia, La Lastra, Trespiano,
San San San San San San San San San San			Florence, Italy
Ginsburg, Solomon Max	1914	X Sp.	66 Munroe St., Roxbury, Mass.
Glancy, Warren Eugene	1913	X	53 Cushing St., Waltham, Mass.
Glaze, John Baldwin, B.S.	1912	XIV Sp.	321 E. Cedar St., Denver, Col.
Glidden, Henry Orange, Φ K Σ	1913	IV	14A Sacramento St., Cambridge,
			Mass.
Glidden, William Roy	1912	I	8 Electric Ave., W. Somerville,
			Mass.
Goff, James Collord, A T	1913	I Sp.	53 Belvidere St., Crafton, Pa.
Golden, Louis Robert	1912	VI Sp.	11 Wolcott St., Dorchester, Mass.
Goldenberg, Morris	1914	VI Sp.	112 Thornton St., Roxbury, Mass.
Goldman, Abraham H	1914	II Sp.	29 Lowell St., Boston, Mass.
Golsan, Page Ely	1912	VI	5149 Westminster Pl., St. Louis,
	12835		Mo.
Gonzalez, Lius R.	1912	XIV Sp.	Stop 42½ Santurce, Porto Rico
Goodnow, Albert Clarke, θ Δ X	1912	X Sp.	Waukegan, Ill.
Goodwin, Edwin Weeks	1912	VI	South Berwick, Me.
Goodwin, Leslie Hall	1912	III	3 Barstow St., Allston, Mass.
Gookin, Robert Turnbull	1914	V Sp.	356 Seaver St., Dorchester, Mass.
Gotherman, Charles Warren	1913	VI Sp.	1348 Burdette St., Cincinnati,
6 . 6	1011	11	Ohio
Goto, Ganezo	1911	II	Suikosha, Tsukizi, Tokio, Japan
Gould, David Foster	1914 1911	XI	7 Pickett St., Beverly, Mass. 1206 Boylston St., Newton Upper
Gould, Richard Hartshorn, Φ B E	1911	Al	Falls, Mass.
Graham, Arthur Francis, Jr	1914	II	12 Thane St., Dorchester, Mass.
Graham, Lucius Henry, K 0	1914	I Sp.	22 Bowers St., Newtonville, Mass.
Grandgent, Louis, A.B.	1911	IV Sp.	107 Walker St., Cambridge, Mass.
Gravely, Julian Stuart, B.A., Φ K Ψ	1911	V	Wytherville, Va.
Greely, Adolphus Washington, $\Delta \Psi$	1913	XIV	78 High St., Newburyport, Mass.
Green, Harold Irving	1913	II Sp.	7 Hawthorne St., Worcester, Mass.
Green, Walter Perry, O X	1911	I	166 Vernon St , Worcester, Mass.
Greenan, James Owen, A.B., $\Theta \Delta X$	1911	III	215 Huntington Ave., Boston, Mass.
Greenleaf, Cuthbert Tibbetts	1911	II	11 South St., Woburn, Mass.
Greenleaf, Harold, A T A	1912	I Sp.	
Greenleaf, Kenneth, Δ T Δ	1911	VI Sp.	Sayanna, Ill
Greenough, Gordon Baker	1914	X	78 Rockland Ave., Malden, Mass.
Greenwood, Levi Joseph	1914	II Sp.	Walpole, Mass.
Griffin, Harold Hopkinson	1912	II	130 Temple St., W. Newton, Mass.
Grossmann, Marcus Aurelius	1911	III	235 Custer Ave., Youngstown, Ohio
Guething, Theodore Hervey, X &	1914	III	40 Wildwood St., Winchester, Mass.
Gustin, Lester Carlisle	1913	I	23 Dartmouth St., Somerville,
The state of the s			Mass.
Guthrie, Seymour Ashley	1911	III	Riverside, Ill.
Guy, David James, B.S	1912	I Sp.	Chehalis, Wash.

Name and Society	Class	Course	Home Address
Hadley, Egbert C	1914	III Sp.	Middlebury, Vt.
Hadley, James Addison, Jr	1914	II	9 Porter St., Malden, Mass.
Hahn, Albert Jerome, B.S.	1914	VI Sp.	650 Government St., Mobile, Ala.
Haines, Thomas Henry	1911	II	70 Brent St., Dorchester, Mass.
Hakes, Jesse Franklin	1912	ī	Westerly, R.I.
Hale, Bertrand Hunt	1914	X	34 Lincoln St., Hudson, Mass.
Hale, Clarence William, Θ Δ X	1914	II	36 Magnolia Ter., Springfield,
Thirt, Culture Timber, 5 2 35 1 1 1 1		1000	Mass,
Hall, Edward Russell, O X	1911	II	1 Davis St., Wollaston, Mass.
Hall, Herbert Hudson	1914	II	119 Oxford St., Cambridge, Mass.
	Grad.	IV	415 N. 7th St., Vincennes, Ind.
Hall, Herbert William	1912	VI	Winsted, Ct.
Hall, John	1912	XI	Freehold, N.J.
Hall, Leigh Spaulding, Φ K Σ	1914	II	32 Merrimac St., Concord, N.H.
Hall, Leslie Standish	1914	Ī	44 Falmouth St., Boston, Mass.
Hall, Morris Frank	1913	VI Sp.	1120 Acushnet Ave., New Bedford,
The state of the s	2020		Mass.
Hall, Norwood Appleton	1912	VI	57 Mill St., Revere, Mass.
Hall, Oliver Cushing	1914	VI	48 Wannalancit St., Lowell, Mass.
Hamilton, Kenneth Davis	1913	II	31 Hillside Ave., Medford, Mass.
Hamilton, Leicester Forsyth	1914	VII	31 Hillside Ave., Medford, Mass.
Hammond, Angus Rutland	1912	III Sp.	57 Irving St., Revere, Mass.
Hanson, Alfred Emanuel	1914	VI	420 Granite St., Quincy, Mass.
Hanson, Hugo Henry	1912	X	1037 Tremont St., Boston, Mass.
Hanson, Ralph Trowbridge, A K E	1911	XIIIA	2222 Scottwood Ave., Toledo, Ohio
	Grad.	I	Wappingers Falls, N.Y.
Harding, Guy Wilder	1914	II	40 Lincoln Ave., Fall River, Mass.
Hardy Roy Edward	1914	Ī	17 Maple Ave., Andover, Mass.
Hardy, Roy Edward	1912	VI	4124 Floral Ave., Norwood, Ohio
Harkness, Albert, A.B., A Δ Φ	1912	IV Sp.	7 Cooke St., Providence, R.I.
Harlow, Harold Lee	1914	II	59 Mt. Vernon St., Malden, Mass.
Harrigan, Louis Jeremiah	1911	XI	20 Rantoul St., Beverly, Mass.
Harper, Sterling Hart	1914	IV	5334 Madison Ave., Chicago. Ill.
Harrington, Frederick Charles	1911	I	267 Boylston St., Brookline, Mass.
Harrington, Heisler	1914	X Sp.	Dover, Del.
Harrington, Joseph Edward, B.S.	1911	VII Sp.	45 Melvin St., Wakefield, Mass.
Harrington, Joseph Francis	1911	VI	Neponset St., Canton Jct., Mass.
Harris, Frederick Warren, Jr.	1914	III	187 Front St., Weymouth, Mass.
Harris, Gabriel	1914	III Sp.	1 Hopkins St., Dorchester, Mass.
Harrower, Paul Dexter	1914	VI	45 Bloomingdale St., Chelsea, Mass.
Hart, Laurence Collett, Σ A E	1913	XI&I	60 Huffman Ave., Dayton, Ohio
Hartford, Ellis Wiswell	1913	II	North Duxbury, Mass.
Hartnett, Leo Augustine	1913	IV Sp.	54 Creighton St., Roxbury, Mass.
Hartshorn, Stanford Harding	1911	X	15 Reservoir St., Gardner, Mass.
Harty, John Joseph, Jr., B.S.	1913	IV Sp.	Greenville, Miss.
Haslam, Ralph Thomas	1911	X	12 Newcomb Pl., Taunton, Mass.
Hastings, John Murray, Jr., B.S.	1912		Mt. Morris, New York
Hathaway, Elmer Leroy	1913	I	50 Purchase St., Newburyport,
Constitution of Constitution and Constit			Mass.
	1912	V Sp.	638 Wright St., Santa Rosa, Cal.
Haub, Miss Hattie Dora Frances, A.B.	1010	- I	22 Armstrong St., Jamaica Plain,
Haub, Miss Hattie Dora Frances, A.B. Hauck, Henry George	1913		www.ritingtrong. cres commence a milli-
Haub, Miss Hattie Dora Frances, A.B Hauck, Henry George	1913	13.0	Mass.
	1913	VI	

Name and Society	Class	Course	Home Address
Hauser, Walter Joseph	1914	IV	5 Carson St., Dorchester, Mass.
Hausman, Isaac	1911	I	Marysville, Kan.
Hausman, Isaac ,	1913	v	72 Park Rd., Brockton, Mass.
Hayes, Oliver Ray Hayes, Samuel Leroy, B.S., Φ K Σ	1911	v	Thomasville, Ga.
Hayes, Samuel Leroy, D.S., T K 2	1911	IV	7 Kilton St., Taunton, Mass.
Hayman, Milton Ernest		I	1027 Mechanics St., Emporia, Kan.
Haynes, Raymond Bontecou, Δ T	1913		74 Beacon St., Hyde Park, Mass.
Haynes, Winthrop Perrin	1911	Sp.	
Hayward, Edwin Daniel	1914	1	253 Pleasant St., Bridgewater, Mass.
Healy, Francis Chouteau	1914	VI Sp.	722 St. Nicholas Ave., New York, N.Y.
Hechinger, Lloyd Arthur	1912	III	31 Lambert St., Roxbury, Mass.
Hemmenway, Lawrence Todd, Φ K Σ	1911	VI	41 Monadnock St., Upham's Cor- ner, Boston, Mass.
Henderson, James Murray	1914	1	118 Main St., Everett, Mass.
Henricksen, Albert Norman	1913	II	63 Havre St., E. Boston, Mass.
Henry, Percy Chandler, A T Ω	1912	II Sp.	Hot Springs, Ill.
Herbert, William Fulton	1913	IV Sp.	Tolt, Wash.
Herlihy, John Albert	1911	II	53 Howard St., Lynn, Mass.
Herman, Albert Nathaniel, B.S.	1911	1	208 E. 69th St., New York, N.Y.
Hernandez, Manuel Augustin	1913	I Sp.	Donato Guerra No. 12, Mexico
		No.	City, Mex.
Heroult, Paul Arthur	1914	Ш	The American, Broadway, New York, N.Y.
Herreshoff, Alexander Griswold, Δ Ψ	1912	XIII Sp.	Bristol, R.L.
Herreshoff, Algernon Sidney De Wolf	1911	XIII Sp.	Bristol, R.I.
Hersom, Fred Clement	1913	VI	38 County Rd., Chelsea, Mass.
Hess, Harry Clair	1912	IV Sp.	1104 Brentwood Ave., Baltimore, Md.
Higgins, Alfred Lansing	1913	VI	553 Watertown St., Newtonville, Mass.
Hill, Bancroft, Φ K Ψ	1911	I	712 Leyser Bldg., Baltimore, Md.
	1914	XI	Marion, Mass.
Hines, John Willis	1914	VI	Farmington, Ct., Box 55
Hirst, Arthur Ellsworth	1913	V	24 E. Cottage St., Boston, Mass.
Hobson, Charles Foster, Δ T Δ	1911	X	164 Holyrood Ave., Lowell, Mass.
Hodge, George Edward	1913	V&X	118 Princeton St., E. Boston, Mass.
Hodgman, Stanley Hurlbut, B.S., Φ B E.	1912	I Sp.	476 Ashland Ave., St. Paul, Minn.
Hodgman, Willis Kennedy, Jr., O X	1911	II	19 Cedar St., Taunton, Mass.
Hohn, Hans Christian, B.S	Grad.	VII	7 Roemersgade, Copenhagen, Den- mark
Holbrook, Edwin Charles	1912		19 Mellen St., Montello, Mass.
Holbrook, Ralph Anthony	1911	X	Rutland, Mass., R. F. D. 4
Holley, Francis Thomas	1912	IV Sp.	377 Chestnut St., Lawrence, Mass.
Holmes, James Thomas, K θ	1913	VI Sp.	4919 McPherson Ave., St. Louis, Mo.
Holmes, Oliver Wendell	1912	VI	Shakford St., Eastport, Me.
Holmes, Oliver Wendell	1913	X	St. Clair, Pa.
Homan, Edmund Lewis	1912	Ш	14 State St., Marblehead, Mass.
Homeyer, Charles William, B.S., 2 A E	1911	1	Burton, Tex.
Hornbeck, Henry Goodwin	1913	II	75 Howard St., Everett, Mass.
Hopkins, Warren Bernard	1911	VI	47 St. Botolph St., Boston, Mass.
Horgan, Patrick Donald	1913	IV	Neche, N.D.
Horgan, Patrick Donald	1913	IV	26 Oakland St., Melrose, Mass.

Name and Society	Class	Course	Home Address
Hornor, Aurelius Pointer, Δ Ψ	1912	VI	Helena, Ark.
Horsch, William Grenville	1913	XIV	11 Summit Pl., Newburyport, Mass.
Horton, Joseph Warren	1914	XIV	Ipswich, Mass.
Hotard, Theophile Oliver	1913	IV Sp.	
			235 Lavergue St., New Orleans, La.
Hou, Moo Ching	1914	XIII Sp.	China
Houston, Walter Park	1914	XI Sp.	7 Highland Ave., Stoneham, Mass.
Howard, Gerald Branch, B θ II	1912	I Sp.	Columbia, Tenn.
Howe, Eugene C., A.B.	Grad.	VII	367 Green Ave., Brooklyn, N.Y.
Howes, Ralph Herbert	1913	X Sp.	505 W. 2d St., Oil City, Pa.
Howie, Gordan Graham	1913	I	45 Franklin St., Melrose Hlds., Mass.
Howland, Julius Lester	1912	VI Sp.	Hyannis, Mass.
Howlett, Arthur Enoch, Φ K Σ	1913	X	56 Chestnut St., Wakefield, Mass.
Hoyt, Albert James	1914	П	Oyster Bay, Long Island, N.Y.
Hoyt, Laurence Brackett	1913	I	168 E. Emerson St., Melrose, Mass.
Hoyt, Lester Francis	1913	V	139 Bay St., Springfield, Mass.
Hsi, Techun	1914	III	579 Burkill Rd., Shanghai, China
Hsi, Turpin	1914	III	579 Burkill Rd., Shanghai, China
Hsin, Chee Sing	1914	XIII	Chen-hien, Shao-shing, Che-kaing,
CONTRACTOR AND ANALYSIS AND ANALYSIS AND ANALYSIS AND	0.000	0.000	China
Hsu, Ming Tsai	1912	X Sp.	Ningpo, China
Hsu, Pei Hwang	1914	V	294 Chungking Rd., Shanghai,
			China
Huckind, Edgar Wolcott	1914	I	44 Copeland St., Roxbury, Mass.
Hudson, Charles Maynard	1913	VI Sp.	44 High St., Natick, Mass.
Hufsmith, Clifford Lylton, B.S., Θ Δ X	1912	VI Sp.	262 Newbury St., Boston, Mass.
Hugelmann, John Robert	1911	1	1164 Cambridge St., Cambridge, Mass.
Hughes, Walter Scott	1912	V Sp.	144 Randolph Ave., Milton, Mass.
Hull, Charles Barstow	1914	II	30 Park St., Wollaston, Mass.
Humphreville, William Edward, Θ Z	1911	VI	1803 Leeland Ave., Houston, Tex.
Hunsaker, Jerome Clarke, A K E	1911	XIIIA	Saginaw, Mich.
Hunting, David Merritt, A.B	1912	H	26 Mason St., Salem, Mass.
Hurlbutt, Frederick Lewis	1914	II	564 Franklin St., Buffalo, N.Y.
Hurst, Edward	1913	II Sp.	New Zealand
Hutchins, Otis, Φ Σ K	1911	XIV	156 Main St., Keene, N.H.
Hutchinson, Franklin, Jr	1913	X	Framingham, Mass.
Huxley, Roy Desmond	1911	VI	22 Maple St., Florence, Mass.
Hyde, Ralph Edwin	1912	X	70 Central St., Stoneham, Mass.
Hyde, Raiph Dania	1012		70 Centrar St., Stonenam, Mass.
Ireland, Gilbert Mariano, $\Delta~\Psi$	1914	VI	23 Prince Edward Mansions, Pem- bridge Sq., London, Eng.
Ireland, Howard Percival	1911	XI	35 Irving St., Newton Centre, Mass.
Isaacs, James, Δ K E	1914	X	135 Adams St., Chicago, Ill.
Isenberg, Joseph Meyer	1913	III	41 Allen St., Boston, Mass.
	1914		
Ishii Junpachiro	1914	II Sp.	4 Chome Midaricho, Honjiyo, Tokyo, Japan
Jacobs, Richard Clark, Jr	1912	XI Sp.	215 Auburndale Ave., Auburndale, Mass.
Johnson, Gordan Rogers	1914	II	58 Beach St., Wollaston, Mass.
Jeffers, Paul Ells, Σ A E	1912	IV Sp.	379 Witmer St., Los Angeles, Cal.
Jenks, Harold Gould, A T Ω	1912	VI	34 Upland Rd., Melrose Hlds., Mass.
Jewett, Edward Everett	1913	II	483 Columbia Rd., Dorchester,
ounced administration 1	1010	-	Mass.

Name and Society	Class	Course	Home Address
Johnson, Arthur Wallace	1914	II	13 Linden St., S. Boston, Mass.
Johnson, Cleon Rupert	1911	X	169 Walnut St,. Leominster, Mass.
Johnson, Harold Stolp	1912	VI	Dana, Mass.
Johnson, Henry Adams	1912	II	2 Johnson St., Newburyport, Mass.
Johnson, Hosmer Ayer	1914	IV Sp.	2521 Prairie Ave., Chicago, Ill.
Johnson, James Francis	1911	II	129 W. Utica St., Oswego, N.Y.
Johnson, Kenneth Sherman	1914	X	28 Grosvenor Rd., Jamaica Plain,
Johnson Laura Katharina A.B.	1914	Sp.	Mass. 45 Park Ave., Auburn, N.Y.
Johnson, Laura Katherine, A.B	1913	I Sp.	
Johnston, Cecil Chestnut Johnston, Harold Freeman, Σ X	1914	I Sp.	Fort Fairfield, Me. 410 Prospect St., Fall River, Mass.
Jones, Albert Monmouth	1913	I Sp.	400 Granite St., Quincy, Mass.
Jones, Charles Chesebrough, A.B.	1912	I Sp.	New Hartford, Ct.
Jones, Fiske Reed, K θ	1913	X Sp.	122 Huntington Ave., Boston,
Bolles, Time Meet, A. O.,	1010	at op.	Mass.
Jones, George Howell, A T	1912	IV Sp.	334 E. 3d St., Portland, Ore.
Jones, Glenn David	1913	IV Sp.	3002 Lafayette St., Denver, Col.
Jones, Philip Chapin, Σ A E	1912	VI Sp.	5046 Jefferson Ave., Chicago, Ill.
Jones, Reginald Lamont	Grad.	VI	1032 Edgeware Rd., Los Angeles,
			Cal.
Jones, Wesley Tilley, B.S	1911	II	42 Chesapeake Ave., S. Norfolk, Va.
Judd, M. Hubert	1911	I	Dalton, Ga.
Judge, James Anthony	1914	VI	14 Waldo St., Holyoke, Mass.
Volo Milton	1912	X	11" Chambon St. Boston Wass
Kahn, Milton Karns, Frederick Phillip	1914	îi	117 Chambers St., Boston, Mass. Franklin, Pa.
Kasarjian, Armen Avedis	1913	VI	Aintab, Turkey
Katsainos, Nicholas Michael	1912	VI Sp.	106 Huntington Ave., Boston, Mass.
Katz, Alfred, B.S.	1912	XI	351 E. 72d St., New York, N.Y.
Katzenberger, William de Young		II & VI	1 W. 94th St., New York, N.Y.
Kaufman, Abraham Harold Edward	1911	X	96 Concord St., Lawrence, Mass.
Kebbon, Harold Eric, Φ Γ Δ	1912	IV	Hotel Oxford, Boston, Mass.
Keh, Sih Sung	1912	II Sp.	734 N. Chekiang Rd., Shanghai,
Acting the control of	1010	Tr.op.	China
Keith, Gerald Macy, Φ B E	1912	I Sp.	
Secretary Property Law Street Control of the Contro		Contract Contract	N.Y.
Keith, Walter Paramore, A T A	1914	XIV	Oconto, Wis.
Kellogg, Paul	1911	IX	527 Norwood Ave., Buffalo, N.Y.
Kelly, Don Malcolm	1914	V	1303 Columbus Ave., Sandusky,
V-U- D	1010	Y	Ohio
Kelly, Prescott Vail	1913	III	239 Lawrence St., Haverhill, Mass.
Kelso, Hugh McCush	1914		181 Salem St., Wakefield, Mass.
Kemp, Henry Donald, K Θ	1912	VI	108 Mt. Vernon St., W. Newton, Mass.
Kennard, Ralph Brandreth, Δ K E	1913	X	12 Garden St., Cambridge, Mass.
Kennedy, Frederick Hunt	1913	IV	23 Landseer St., W. Roxbury, Mass.
Kenney, Arthur Webster	1913	X	15 Gates St., S. Boston, Mass.
Kenney, George Churchill	1913	I	10 Davis Ave., Brookline, Mass.
Kenrick, Alfred Franklin	1913	II	26 Bowker St., Brookline, Mass.
Kerr, Charles Phillips, Σ X	1911	II	Catonsville, Md.
Kerr, Ernest	1913	II	28 E. Brookline St., Boston, Mass.
Kilborn, Karl Bray, A.B	1911	II	204 Brackett St., Portland, Me.
Killion, Thomas Stephen	1911	III	130 Russell St., Malden, Mass.
Kimball, Allen Holmes	Grad.	IV	Yuba City, Cal.

Name and Society Clas	s Course	Home Address
Kimball, Merrill Justin 191	2 VI	22 Humphrey St., Lowell, Mass.
Kingsbury, Francis Henry 191		Medfield, Mass.
Kinney, Mark Curtis		Mount Vernon, Ohio
Knight, Samuel, A 4		10 Church St., Manchester, Mass.
Knox, Henry Gard Grad		
Kocher, Alfred Lawrence, A.B. 191:		52 Franklin St., Annapolis, Md.
		San José, Cal.
Kruckemeyer, Edward H		Cincinnati, Ohio
Kreuger, Theodore Karl		Atchison, Kan.
Kushlan, Max 191	VI	11 Allen St., Boston, Mass.
Ladd, John Wood Brooks 1919	1	191 Marlboro St., Boston, Mass.
Lafreniere, Theodore, C.E 1919	The Company of the Co	
Lake, Harry Eleazer		Topsfield, Mass.
Lamy, Harry, B.A	and the same of	154 Boulevard Haussmann, Paris
Lane, Frederick William		4921 N. 12th St., Philadelphia, Pa.
Lane, Gerould Taylor, Φ Σ K 1913		
		1 Church St., Great Barrington, Mass.
Lang, Harold Lock Grad		33 Fairview St., Roslindale, Mass.
Lang, Walter Warren		33 Fairview St., Roslindale, Mass.
Langdon, Harold Merritt 191		5 Pleasant St., Ipswich, Mass.
Langer, Robert Roger	III Sp.	60 Avon St., Somerville, Mass.
Lange, William Herbert		160 E. 78th St., New York City
Langley, Miles Erskine 1913		127 M St., S. Boston, Mass.
Lanning, John Gustin	II Sp.	46 Lindsey St., Dorchester, Mass,
Larkin, Edward William, A.B., E X 1914		7 S. Main St., Haydenville, Mass.
Larkin, Thomas 1911	I	1413 Washington St., Boston, Mass.
Lau, Long	Ш	Canton, China
Lauman, Philip Gotch, X 191)	and the same	S. Pasadena, Cal.
Laurie, Archibald Walwyn 1919		149 College Ave., Somerville, Mass.
Lavenas, Alberto, T. M 1919		441 Bartolome Mitre, Buenos
T T I W W O		Ayres, Argentine Rep., S. America
Lavenas, Fernando, M. M. O 1919		Buenos Ayres, Argentine Republic
Lawler, Thomas Brown, B.A., K O 1919		348 Seminary Hill, Dubuque, Ia.
Lawrence, Horace Marshall 1913		23 Pleasant St., Lawrence, Mass.
Lawrence, Paul Root, B.A 1919		Montague, Mass.
Lawton, Stanley Herbert 1911		Presidents' Hill, Quincy, Mass.
Leary, Arthur Francis		82 Havre St., E. Boston, Mass.
Leathers, Walter Harold 1918	X Sp.	901 Hancock St., Wollaston, Mass.
Lee, Charles Shepard		Box 889, Douglas, Ariz.
Lehmaier, Lionel Henry, K O 1913		Sydney, Australia
Lehmann, Hans Frank		9 E. 22d St., New York City
Lenaerts, John Henry, Φ K Σ 1919		101 Brown St., Waltham, Mass.
Leonard, Malcolm Walker 1915	VI Sp.	539 Howard St., Brockton, Mass.
Leonard, Morris Mills, Φ K Σ 1913		Warren, Pa.
Leonard, Russell Embert 1913		Mansfield, Mass.
Lesher, Robert Allen, $\Theta \Delta X$ 1918	XIII Sp.	338 Spring Garden St., Easton, Pa.
Letton, Harry Pike, B.S Grad	VII	1919 D St., Lincoln, Neb.
Levermore, Charles Lewis, B.S 1919	X	30 St. James Pl., Brooklyn, N.Y.
Levine, Max		6 Morton St., Boston, Mass.
Levinson, Myer		20 Poplar St., Boston, Mass.
Levy, Maurice Eli 1918		227 Marion St., E. Boston, Mass.
Levy, Nathan	Ī	1617 Tremont St., Boston, Mass.
Lewis, Daniel Ellwood 1913		Mauch Chunk, Pa., R.D. No. 1
Lewis, Ira Sibley		53 Irving St., S. Framingham.
		Mass.

Name and Society	Class	Course	Home Address
Lewis, Junius Poullain, A.B.	1912	II	Greensboro, Ga.
Lewis, Leon Gage	1912	II Sp.	11 Elm St., Milton, Mass.
Lewis, Malcolm	1913	X Sp.	2 Greenough Pl., Jamaica Plain,
20.1120, 241110.01111	1010		Mass.
Lewis, Merton Bernard, Jr.	1914	VI	35 Mechanic St., Westerly, R.I.
Lewis, William Robert	1913	IV	Elkhorn, W. Va.
Li, Sing Dji	1914	II	R-lang Lane, Luchowfu, Auhui,
			China
Lieber, Peter Carl, Σ X	1914	I	1415 N. Penn St., Indianapolis,
			Ind.
Lincoln, Earle Randall	1913	X	6 Woodburn St., Keene, N.H.
Linehan, Charles Andrew	1911	I Sp.	1480 Cambridge St., Cambridge,
T! C!- C	1914	I	Mass. Foo Chow, China
Ling, Gie Seng	1913	IV	112 Park Ave., Dallas, Tex.
Loeb, A. Marshall	1913	II	P.O. Box 194, Meridian, Miss.
Lombard, Oliver Cromwell	1912	VI	21 Walton St., Dorchester, Mass.
Long, Alexander Gotwold, Jr., X 4	1914	ii	447 16th St., Portland, Ore.
Long, Edward Batchellar, Jr., K O	1913	XIII Sp.	31 N. Broadway, White Plains,
and, and the same	2000	COLUMN CONTRACT	N.Y.
Long, John Edward, Jr	1914	XIII	Hudson, Mass.
Longoria, Armando	1913	I Sp.	Gibara, Cuba
Loo, Wai Gyiao	1913	XIII	Ningpo, China
Lord, Harold Stowell, OX	1911	II	Athol, Mass.
Lord, Raymond Harold	1911	VI	27 Park St., Dorchester, Mass.
Loud, Roger Perkins	1911	VI	87 Commercial St., Weymouth,
		***	Mass.
Lougee, Norman Arthur	1911	VI	2 Fairfield St., Salem, Mass.
Lovell, Ward Conant, Φ K Σ	1913	II	69 Mt. Vernon St., Cambridge, Mass.
Lovell, Joseph Warren	1912	VI Sp.	35 Station St., E. Weymouth, Mass.
Lovett, Israel Herrick	1913	VI Sp.	2102 Lothrop St., Omaha, Neb.
Lowe, Rodney Messenger, X 4	1913	II Sp.	9 Holt St., Fitchburg, Mass.
Lowell, Walter Elmore	1913	VI Sp.	468 Main St., Amesbury, Mass.
Lowenberg, Maurice Joseph	1911	VI	7 Intervale St., Roxbury, Mass.
Loweth, Frederick Curtis	1912	I	5206 Jefferson Ave., Chicago, Ill.
Lucas, William Edward, Jr	1914	II Sp.	1531 Railway Exchange Building,
		- AMERICAN	Chicago, Ill.
Luce, Edwin Clifford, Jr.	1914	IV	Marion, Mass.
Lucey, Henry Jerome	1914	X	62 Washington Ave., Natick, Mass.
Lynch, William C.	1912	II	75 Marcella St., Roxbury, Mass.
M. D. W. Handd Cladeses	1012	H	1405 Politicis St. Wotoshum Conn
Mabbott, Harold Clarkson	1912	III	1495 Baldwin St., Waterbury, Conn. 328 Hassalo St., Portland, Ore.
McCart, Raymond Douglas	1914	II	2 Hubbard St., Jamaica Plain, Mass.
McCarthy, Charles Joseph	1913	VI	37 Liberty St., N. Adams, Mass.
McCormack, Charles Donald, B.S.	1912	Î	Woodstock, N.B., Can.
MacCreadie, William Thomas	1911	IÌ	54 Whittier St., Andover, Mass.
McCullough, Percy	1914	VI	Weston, Mass.
McCune, William Rowe, AT	1913	П	17 Battery Pl., New York City
Macdonald, Eugene L	1913	I	119 Willowdale Ave., Montclair,
			N.J.
Macdonald, Effie Louisa	1911	V	320 Cabot St., Beverly, Mass.
MacDonald, Henry Douglas	1912	III	Ludlow, Vt.

Name and Society	Class	Course	Home Address
McDonough, Clarence, Σ X	1912	I Sp.	70 Fremont St., Gloversville, N.Y.
MacDonough, John Vincent	1912	X X	25 Franklin St., Watertown, Mass.
	1913	IV Sp.	
Mace, Thomas Henry, Jr.		II	
McEwen, William Robert, K θ	1914		51 Maple Ave., Wellsville, N.Y.
McGrath, David James	1912	I	6 Henshaw Ter., W. Roxbury, Mass.
Mack, Russell, Λ Φ	1911	I Sp.	E. 205th St. & Barnes Ave., New
37.77	****	**	York City
McKenna, Harold Thomas	1913	V	2 Hazelwood St., Roxbury, Mass.
MacKenney, Karl Cushing	1912	VI	112 Abbott Rd., Wellesley Hills,
			Mass.
Mackentepe, Frederick Frank, A.B., $\Phi \Sigma K$,	1914	X	Warsaw & Woodlawn Aves., Cin-
		***	cinnati, Ohio
MacKenzie, John David	1911	III	Baddeck, Cape Breton, Can.
Mackenzie, Morell, θ X	1911	II	68 Barnum St., Taunton, Mass.
MacKinnon, Charles Oxton	1914	I	20 Walnut St., Newburyport, Mass.
MacKinnon, Joseph C	1913	VI Sp.	Doylestown, Pa.
McLellan, Herbert Sumner	1913	1	12 Abbot St., Dorchester, Mass.
MacLeod, Norman Douglass, Δ K E	1913	II Sp.	290 Irving Ave., Providence, R.I.
McMenimen, Robert Aloysious	1914	X	1578 Cambridge St., Cambridge,
incincumon, appear insymmetry	2000		Mass.
McNally, Robert James	1913	1	Hampshire Arms, Minneapolis,
Mcivany, Robert sames	1010		Minn.
McNaughten Albert	1911	TV Sn	15 Hall Ave., Everett, Mass.
McNaughton, Albert		IV Sp.	
MacNeill, John Bayfield	1914	VI Sp.	13 Grew Ave., Roslindale, Mass.
McNeil, Nicholas Tallon	1912	I Sp.	10 Putnam St., Charlestown, Mass.
McOsker, Paul Harold	1912	III Sp.	209 Stackpole St., Lowell, Mass.
MacPherson, Roy Gay, θ X	1911	II	30 Pine St., S. Framingham, Mass.
MacTarnaghan, William George	1913	IV Sp.	Batavia, N.Y.
Magoon, Charles Alden, A.B.	1912	VII Sp.	St. Albans, Me.
Magrath, Charles Bolton	1914	II	Lethbridge, Alberta, Can.
Maguire, William James, Σ X	1913	I	79 Andem St., Providence, R.I.
Mahoney, Dennis Francis	1912	I Sp.	
Mahoney, Frank H	1913	X	112 Ocean St., Dorchester, Mass.
Mahoney, William Anthony, Φ Σ K	1913	II Sp.	28 Preston St., Providence, R.I.
Maier, Charles George	1914	XIV	74 Oxford St., Cambridge, Mass.
	1912	II Sp.	207 2d St., Pittsfield, Mass.
Mangan, Edward, θ Ξ	1911	I sp.	188 Atlantic Ave., Providence, R.I.
Manley, Harry Lester, Φ Σ K		III	
Mann, Benjamin Stanley	1914		Norfolk, Mass.
Mann, Ernest Wilkins	1914	VI	85 Pierrepont St., Brooklyn, N.Y.
Manning, Harold Grosvenor	1912	X	559 Centre St., Newton, Mass.
Marceau, Eugene Theodore	1912	X	8 Wollaston Ave., Wollaston, Mass.
Markwald, Conrad Alexander	1912	V Sp.	Angus, Barron Co., Wis.
Marsh, Harold Dickson, B.S.	1913	IV Sp.	717 Wasco St., Portland, Ore.
Marsh, Harold Hormel	1914	VI	168 Lexington Ave., Cambridge,
			Mass.
Marsh, Leon Faulkner	1914	II	92 Pleasant St., S. Weymouth,
		The Title	Mass.
Marston, Nathaniel Sidney	1911	VI	106 William St., Portland, Me.
Martin, William Hennick, A.B., Θ Z	1911	VI	740 Dolphin St., Baltimore, Md.
Martin, William Henry	1911	Î	111 Ingell St., Taunton, Mass.
Masferrer, Joaquin Ramirez	1914	II	Humacao, Porto Rico
	1912	VI	26 Mt. Pleasant St., Winchester,
Mason, Edward M	1012	1.1	Mass.
Mason, Eric Wier, Δ K E	1014	Ш	Brynterion, Pretoria, S. Africa
mason, Eric Wier, a K E	1914	111	Digitterion, Fretoria, S. Africa

Name and Society	Class	Course	Home Address
Mason, Karl Carson	1914	VI	15 Portland St., Keene, N.H.
Mason, Max Clark	1912	VI	42 Portland St., Keene, N.H.
	1913	IV Sp.	Madison, Ind.
Matthews, Lawrence Harrison			
Matthews, Leroy Allen	1912	VII	102 Cross St., Malden, Mass.
Mattson, William Rhoads	1913	I	40 Harrison St., Brookline, Mass.
Maxim, Myles Standish	1914	II	59 Boston St., Somerville, Mass.
Maxwell, Herbert Oulton	1913	III	164 Huntington Ave., Boston, Mass.
Mayer, Harold Alexander, Σ A E	1914	I Sp.	628 Everett St., Portland, Ore.
Mayer, Randolph Hawthorne	1914	VI	817 Margaret Pl., Shreveport, La.
Mayo, Dana Harrat Nickerson	1914	II	1045 Dayton St., Hamilton, Ohio
Mazzei, Frank John	1914	VI	156 Washington Ave., Chelsea,
			Mass.
Means, Alan Hay	1912	III Sp.	Chicago, Ill.
Meisel, Otto Carl Francis	1911	II	10 Upland Ave., Dorchester, Mass.
Menderson, Edgar, A.B.	1913	II	3325 Burnet Ave., Avondale, Cin-
			cinnati, Ohio
Menke, Alvin Frederick	Grad.	IV	15 Edgar St., Evansville, Ind.
Merrill, Charles Hudson Sayre, K θ	1912	I Sp.	Manchester, Mass.
Merrill, Hamilton, $\Delta \Psi$	1912	X	Oaksmere, New Rochelle, N.Y.
Merrill, Millard Warren	1913	XIV	Salisbury, Mass.
Merrill, Stanley Walker, Δ T Δ	1914	II Sp.	31 Chestnut Ter., Newton Centre,
Merrin, Stamey Walker, 2 1 2	1014	ar op.	Mass.
Materill Lesten Cooper DS	1912	II Sp.	
Metcalf, Lester George, B.S.	1911	III	260 Cape St., Oshkosh, Wis.
Metz, August Carl	1912	and the same	78 Huntington Ave., Boston, Mass.
Miller, Waldo Bennerbille	1911	I Sp.	89 Sherman St., Springfield, Mass.
Mills, Charles Henry, Φ K Σ		IV Sp.	
Mills, Leonard Olcott	1911	VI Sp.	213 Walnut St., Holyoke, Mass.
Minsky, Harry	1913	VIII	35 Revere St., Boston, Mass.
Minton, John P.	1912	VIII Sp.	203 W. McClure Ave., Peoria, Ill.
Mitchell, Earle Alonzo	1914	III	Hull, Mass.
Mitchell, Harold Dies	1912	X	22 Bowers St., Newtonville, Mass.
Monahan, Walter Howard	1914	VI	20 Crescent St., Quincy, Mass.
Montanaro, Austin	1914	X	205 Salem St., Boston, Mass.
Montgomery, Edward, Δ T Δ	1912	X	Omaha, Neb.
Montt, David	1912	VI Sp.	Delicias 2310, Santiago, Chile
Mooney, William Joseph	1913	IV	23 Olmstead St., Jamaica Plain,
			Mass.
Moore, Daniel Martin	1913	I	9 Warren St., Taunton, Mass.
Moore, Frank Lewis	1912	VI Sp.	124 N. Pierce St., Lima, Ohio.
Menzo, Vernon Moore	1914	I	Savona, N.Y.
Moore, Walter Stone	1912	I Sp.	1017 Washington St., Sandusky,
			Ohio
Moorhouse, Robert Wharton, B.S	1914	X	2334 Bridge St., Philadelphia, Pa.
Morash, Bernard Hudson	1912	VI	Lunenberg, N.S.
Moreno, Jorge Isaac	1914	XI	Quito (Ecuador), South America
Morey, Chester Totten, Φ K Σ	1911	II	39 Kenwood St., Dorchester, Mass.
Morgan, James Francis, Jr., Z X	1914	Ĩ	P.O. Box 594, Honolulu, T.H.
Morrill, Philip Everett	1914	Î	56 Fountain St., Haverhill, Mass.
Morrison, Alex	1913	X	68 Elm St., Andover, Mass.
Morrison, Howard Archibald, Φ Γ Δ		II	104 N. State St., Concord, N.H.
Morrison, Ibrahim Follansbee	1911	Ï	358 Washington St., Braintree,
Morrison, Ibranini Ponansiec	1011		Mass.
Morrow Clarence Edwar	1912	IV Sp.	
Morrow, Clarence Edgar	A	I Sp.	1021 Van Buren St., Topeka, Kan.
Morse, Fred Thurlow	1914		1021 Tall Duren Des, Popeka, Rans

Name and Society	Class	Course	Home Address
Morse, John Cable, Φ B E	1914	VI	911 W. Green St., Urbana, Ill.
Morse, Robert Emery, O X	1911	VI	157 Walnut St., Brookline, Mass.
Morton, Francis Byron	1913	X	106 Maple St., Roxbury, Mass.
Mowry, Fred Lawrence	1912	XI	23 Abbot Pl., Brockton, Mass.
Moyer, Paul Snyder	1913	X Sp.	Derry Church, Pa.
Mudge, Arthur Warren, Jr., Δ K E	1914	X	194 Pond St., Jamaica Plain, Mass.
Munch, Benjamin Samuel	1913	II	71 Grove Hill, New Britain, Ct.
Murdock, Frederick David	1913	I	2036 Massachusetts Ave., Cam-
			bridge, Mass.
Murdoch, Joseph	1911	XI	19 Wendell St., Cambridge, Mass.
Murphy, Edward Eugene	1913	III	Hull, Mass.
Murphy, Robert Joseph, Φ Σ K	1913	VI	St. John's, Newfoundland.
Murphy, Walter Vincent	1914	VI Sp.	355 E. Main St., New Britain, Conn.
Murray, Joseph Ignatius	1912	VII Sp.	8 Cottage St., Everett, Mass.
Murray, Wallace Jennings	1912	X	571 Washington St., Dorchester,
Motor-bound Alexan March	1010	Y	Mass.
Mutersbaugh, Alonzo Marsh	1913 1913	I	Lake Charles, La.
Muther, Walter Paul, Σ A E	1911	XI	14 Hillside Ter., W. Newton, Mass. Palestine, Tex.
Myers, Auron Leon	1011	AL	Talestine, Tex.
Nason, David Varney	1913	X Sp.	18 Buffum St., Salem, Mass.
Nath, Simon	1911	V	87 W. Cedar St., Boston, Mass.
Navison, Myer Melville	1914	XI	63 Bainbridge St., Roxbury, Mass.
Nealey, James Barton	1913	I Sp.	178 Harlow St., Bangor, Me.
Neily, Ernest Stanhope	1913	VI	Aylesford, N.S.
Nelson, Albert Peter	1913	II Sp.	11 Nelson St., E. Braintree, Mass.
Newbury, John Parker	1914	X Sp.	79 Farrington St., E. Boston, Mass.
Newbury, Warren Charles	1914	X	79 Farrington St., E. Boston, Mass.
Neumuller, Donald J.	1913	V Sp.	Lansford, Pa.
Newlin, Earl Mortimer, Σ X	1914	VI	1010 E. College St., Rochester, Minn.
Nichols, Robert Bradley, Φ Σ K	1913	1	4 High St., Warren, Mass.
Nickerson, Harold Lewis	1914	II Sp.	1412 E. 57th St., Chicago, Ill.
Nightingale, Harold Watson	1914	VII	574 Salem St., Malden, Mass.
Nitschke, Charles William	1912	IV Sp.	1614 S. State St., Syracuse, N.Y.
North, Rhys Harrower	1913	IV	147 Park St., Montelair, N.J.
Norton, Edmund Randall	1912	XIII A	32 Westland Ave., Boston, Mass.
Noyes, Jonathan Alvan	1912	X	124 Adams St., Waltham, Mass. 914 Highland Ave., Fall River,
Nute, Haymond Edson	1014	^	Mass.
Nye, Alfred Francis, Θ X	1914	IV Sp.	84 Green St., Fairhaven, Mass.
Ober, Chester Howard, $\Phi \Sigma K$	1914	1	4 Whitehall St., Newport, R.I.
O'Brien, Walter Francis	1912	II Sp.	10 Howland St., Cambridge, Mass.
O'Brien, William Gerken, B.A.	1912	X	614 Cutler St., Marietta, Ohio
Odell, Lawrence Gleason, K O	1912	XIV Sp.	11 Wabeno St., Roxbury, Mass.
O'Farrell, Leon Rafael	1914	I Sp.	Buenos Ayres, Argentine Republic
Ofenstein, Clarence Leo	1911	1	42 New York Ave., N.W., Washington, D.C.
Olesen, Charles William	1914	II	23 Symonds St., Salem, Mass.
Omansky, Max Isaac	1914	XI	34 Auburn St., Boston, Mass.
Omansky, Morris	1911	V	34 Auburn St., Boston, Mass.
Oppenheim, Joseph	1912	V Sp.	49 Revere St., Boston, Mass.
Orchard, William John	1911	XI	14 Fletcher St., Roslindale, Mass.

Name and Society	Class	Course	Home Address
O'Reilly, Thomas Aloysius, A.B	1913	I	28 Washington Ter., St. Louis, Mo.
Orr, Scott Wesley	1913	I	103 Cedar St., Roxbury, Mass.
Osborn, Franklin, 2d	1911	III	40 Holten St., Peabody, Mass.
Osborn, Frederick Warren, E X	1912	III Sp.	
Otis, Henry Noyes, B.A., X 4	1912	II	36 Salem St., Andover, Mass.
Ott, George Benjamin	1914	X	6 Sixth St., Warren, Pa.
Owen, Paul Barry, A K E	1914	VI	Vineyard Haven, Mass.
And the second second second second		100	The state of the s
Pacheco, Ricardo Lara	1912	VI	San José, Costa Rica, C.A.
Page Arthur Stickney	1914	Î	12 E. High St., Newbury, Mass.
Page, Arthur Stickney	1912	V Sp.	Wooster, Ohio
Pardey, Gilbert Rea	1913	VI	Segreganset, Mass.
Paris, Israel	1914	VI	502 Tremont St., Boston, Mass.
Paris, Maurice	1914	IV	101 Bernard St., Dorchester, Mass.
Parker, Earl Stanley	1914	X	22 Pocasset Ave., Providence, R.I.
Parker, Harry Stinson	1913	II Sp.	
Parker, Stanley Wallace, O X	1913	III	55 Robbins St., Waltham, Mass.
Parker, Theodore Bissell, Σ X	1911	Î	72 Ashford St., Allston, Mass.
Parsell, Roy Linwood	1914	II	159 Mt. Vernon St., Malden, Mass.
Parsons, Donald Wilson	1914	VI	35 Main St., Saugus, Mass.
Parsons, Leon Woodman	1913	X	18 Fruit St., Newburyport, Mass.
Parthum, Alfred Herman	1913	X Sp.	115 Union St., Lawrence, Mass.
Partridge, Henry Hinman, Δ K E	1912	П	185 Canfield Ave., W. Detroit,
Taterruge, Itemy Imman, 2 x 2		**	Mich.
Pashek, Albert Lawrence, A.B	1912	VI	Berea, Ohio
Pastene, Alexander Joseph	1913	X	457 Blue Hill Ave., Roxbury, Mass.
Patrick, Lloyd Alexander	1911	IV Sp.	16 Walden St., Cambridge, Mass.
Patten, Ernest Leslie Osborne	1914	II	15 Holmes St., Malden, Mass.
Paul, Edwin	1914	XIV	517 Northampton St., Holyoke,
D 1 7 1 22 1	****	No.	Mass.
Paul, Joseph Nairn	1913	VI	Wakefield, N.H.
Paul, Lawrence Mattor	1914	II	China
Payson, Horace Stanwood	1912	I	26 Everett Ave., Dorchester, Mass.
Pearce, Clinton Ellicott	1913	II	11 Walter St., Roslindale, Mass.
Pearl, Holman Isaac	1912	I	362 Longwood Ave., Boston, Mass.
Pease, Ralph Southworth, A.B.	1911	V	297 Grove St., Fall River, Mass.
Peck, Harry Dexter, $\Theta \Xi$	1913	II	Lavender St., Millis, Mass.
Pedersen, Aksel Marius	1912	X IV C.	45 Wallis St., Beverly, Mass.
Peirce, Caleb Clarence, A.B., Φ Γ Δ	1913	IV Sp.	1616 N. Broad St., Philadelphia, Pa.
Pendleton, Ferdinand Harriman, Jr.	1913	V	21 High St., Malden, Mass.
Pepper, Chester Lawrence, 9 X	1911	II	57 County Rd., Chelsea, Mass.
Perkins, Leander Crawford	1913		69 Central St., Wellesley, Mass.
Perley, George Kimball	1914	VI	Rowley, Mass.
Perry, Clyde Raymond	1911	III Sp.	26 Pleasant St., Stoneham, Mass.
Perry, Ralph Hamilton	1914	X	111 Porter St., Malden, Mass.
Pettingell, John Mason	1912	I I I I I I I I I I I I I I I I I I I	16 Spring St., Newburyport, Mass.
Petts, Arthur Fowler	1913 I	100VI	250 Massachusetts Ave., Boston, Mass.
Pevear, Munroe Rhodes, A T	1912	IV Sp.	Lynn, Mass.
Peycke, Armand Hawkins	1911	II Sp.	
Pickering, George Walter	1914	VI Sp.	Presidio of Monterey, Cal.
Pierce, Bion Leonard	1913	X	124 Winthrop St., Taunton, Mass.
Pierce, James Buchanan, Jr., A T A	1911	X	Sharpsville, Pa.
Pinnock, Thomas Wellington	1913	II	4 Fairfield St., Salem, Mass.

Name and Society	Class	Course	Home Address
	1913	VI	42 Av. Silverio Nery, Manaos-
Pizzorno, Pedro Paulo	1913	11	Amozonas, Brazil.
Portal, Robert Temple	1913	VI Sp.	8 Second St., Woburn, Mass.
Potter, Austin	1912	VII Sp.	Wellesley, Mass.
Powell, Oliver Davis	1912	I	Haverhill, Mass.
Pratt, Edwin Dana, B.S.	1913	I Sp.	229 N. Maple Ave., E. Orange, N.J.
Pratt, Jabez Harden	1912	X	Bridgewater, Mass.
Prentice, Harry Ephraim, AT	1913	II	185 Washington St., Norwich, Conn.
Pretzinger, Freeman Albert	1911	IV	N.E. Cor. Main & Apple Sts., Day-
			ton, Ohio
Price, Malcolm Dana, Φ B E	1911	II	23 Regent Circle, Brookline, Mass.
Price, William Henry, Jr., Δ T Δ	1914	X	3345 Monroe St., Chicago, Ill.
Priest, Henry Malcolm	1912	1	Littleton, Mass.
Prouty, Theodore Rentrope	1912	IV	Scituate, Mass.
Pulsifer, Revere Burnham	1912	XIII Sp.	66 School St., Manchester, Mass.
Pushee, Harold	1911	X	237 Winn St., Woburn, Mass.
Putnam, Roger Lowell	1914	II	Manchester, Mass.
Putnam, Scott Bradstreet, $\Delta \Upsilon$	1911	XI	34 Appleton St., Beverly, Mass.
Quinn, Murtha Philip	1912	н	5464 Northumberland Ave., Pitts- burg, Pa.
Dakinguita Tonia	1913	v	87 Orange St., Chelsea, Mass.
Rabinovitz, Louis	1914	I	7 Wyman St., Lawrence, Mass.
Ralton, Francis Arthur	1912	VIII	224 S. 6th St., Richmond, Ind.
Ramler, Otto Joseph	1913	I	25 Conway St., Roslindale, Mass.
Randall, Henry Edward, Jr.	1913	VI	Island Pond, Vt.
	Grad.	v	205 S. 6th St., Poplar Bluff, Mo.
Randall, Roy Allan	1913	IV Sp.	40 Prescott St., Somerville, Mass.
Ranger, Richard Howland, & B E	1911	VIII	19 W. 10th St., Indianapolis, Ind.
Rankin, Ralph Smedberg	1913	VI	29 Abbott Rd., Wellesley Hills,
			Mass.
Ranney, Alfred Gardner	1913	I	484 King William St., San Antonio, Tex.
Ransdell, John Hickman	1914	I	P.O. Box 83, Alexandria, La.
Rapelli, G. Washington	1911	I Sp.	
			gentine Republic
Ray, Arthur Gordon, A.B.	1913	IV Sp.	495 Lansdowne Ave., Westmount,
			Quebec, Can.
Ray, Leslie Sewall	1914	II Sp.	Topsfield, Mass.
Raymond, John William, Jr.	1912	I	101 Balch St., Beverly, Mass.
Ready, William Aloysius	1913	VI	Nashville, Tenn.
Reardon, Edmund John	1914	I Sp.	195 Erie St., Cambridge, Mass.
Redfern, Philip Theobald	1912	IV Sp.	16 Hillside Ave., Winchester, Mass.
Reece, Franklin Augustus, A.B.	1913	II Sp.	315 Commonwealth Ave., Boston, Mass.
Reed, Mark White	1913	IV Sp.	Chelmsford, Mass.
Reed, Stalker Elijah	1912	III Sp.	Hudson, N.H.
Reeves, Bartow Vandewater	1912	X Sp.	87 Shelton Ave., Jamaica, L.I.
Reid, Allen Willard, Z X	1912	I	Stamford, Conn.
Reilly, Charles Frederick	1913	I	Calgary, Alberta
Reiman, Clarence K	1912	X	38 Ashland St., Newburyport, Mass.
Renfrew, Luther James	1913	XIV	12 Nottingham St., Dorchester, Mass.

Name and Society	Class	Course	Home Address
Reyburn, Thomas, A.B., ΔΨ	1914	II Sp.	4529 Lindell Ave., St. Louis, Mo.
	1912	XI XI	Canton, Mass.
Reynolds, Charles Vaughn Rhoades, William Geyer, ΦΣΚ	1912	VI	San Francisco, Cal.
Phodos Cooper Handl	1912	II	66 Hoyle St., Norwood, Mass.
Rhodes, George Harold	1912	VI	1223 E. 3d South St., Salt Lake
Rhodes, William Armitage	1912		City, Utah
Rice, Marion	1913	X Sp.	Hotel Ansonia, 73d St. & Broadway, New York City
Rice, Thomas Joseph	1913	II Sp.	30 B Cobden St., Roxbury, N.Y.
Rich, Arnold F	1913	II	Barre, Mass.
Richard, Rene Alphonse	1912	I	165 Beech St., Holyoke, Mass.
Richards, George William, O X	1912	I	Erving, Mass.
Richardson, Lawrence Wilson	1913	II	13 Landers St., Somerville, Mass.
Richardson, Lyle Merton	1914	X Sp.	Mars Hill, Me.
Richardson, Wallace Dunster	1912	XI Sp.	649 E. 23d St., Brooklyn, N.Y.
Richardson, William Elmer	1912	I	887 Adams St., Dorchester, Mass.
Richmond, Carl Gee	1911	Î	300 Winthrop Ave., Revere, Mass.
Richmond, Harold Bours	1914	VI	12 George St., Medford, Mass.
Richter, George	1913	X	108 Brown Ave., Holyoke, Mass.
Ricker, Daniel	1912	IV Sp.	44 Pleasant St., Somersworth, N.H.
Rideout, Percy A	1911	I	Concord Jet., Mass.
Rieser, Charles William	1912	X	Hamilton, Ohio, R.D. No. 4
Rieser, Charles William	1913		Low Moor, Va.
Riordan, Herbert Francis	1914	II Sp.	353 Seaver St., Dorchester, Mass.
Robb, Gordon Howard	1913	IV	44 Walter St., Salem, Mass.
Roberts, Wilbur Taylor, A T	1912	I Sp.	
Roberts, William Lawton	1911	XIII	Care H. E. Strachan, Savannah, Ga.
Robinson, Frederick Alfred, Jr.	1912	X	184 Webster St., E. Boston, Mass.
Robinson, Fred Thomas	1913	I	Bacon St., Natick, Mass.
Robinson, George Albert	1912	I	222 W. Selden St., Mattapan, Mass.
Robinson, George Ernest	1911	IV Sp.	18 Savin St., Roxbury, Mass.
Robinson, Harold Long	1911	I	17 Winthrop St., Winchester, Mass.
Robinson, Kenneth Caleb	1912	II	250 Belgrade Ave., Roslindale,
Person John Calvin DC ATO	1911	VI C.	Mass. Starkville, Miss.
Rogers, John Calvin, B.S., A T Ω		VI Sp.	
Rogers, Samuel Evan, Jr., Φ K Σ	1913	II Sp.	504 N. 22d St., Omaha, Neb.
Rohlffs, Walter Vogt	1912	IV Sp.	1120 Lombard St., San Francisco, Cal.
Rollason, Geoffrey Mallin, B.S., Σ A E	1913	X	791 Malvern Rd., Toorak, Mel- bourne, Australia
Romana, Albert de	1911	VI	Calle Huanamarca 41, Arequipe, Peru, S. America
Pomer John Boud	1912	V Sp.	
Romer, John Boyd	1912	I Sp.	14 Chilton Rd., W. Roxbury, Mass.
Romero, Antonio	1912	VI	Fajardo, Porto Rico, Cuba 71 Brookfield St., Lawrence, Mass.
Rooney, Arthur Hugh	1914	VII	Farmington, Ct.
Root, Maurice Timothy		II Sp.	
Root, Royal Pulsifer	1912 1912	X Sp.	309 W. 92d St., New York, N.Y. Rensselaer, Ind.
Poss Clude Polhemus	1912	III	
Ross, Clyde Polhemus		-	1269 Commonwealth Ave., Allston, Mass.
Rossy, Cecilio Salvador	1914	I	San Juan, Porto Rico, Cuba
Rowley, Charles Bacon, Φ B E	1912	II	602 W. Main St., Jackson, Mich.
Ruby, Walter Morley, θ Δ X	1912	II Sp.	194 Main St., Oneida, N.Y.
Rudolph, Henry James Gray, $\Delta \Psi$	1913	I Sp.	1571 Beacon St., Brookline, Mass.

Name and Society	Class	Course	Home Address
Rudolph, Paul Emil	1913	I Sp.	Highland Park, Ill.
Runels, Ralph Earle		I	321 Thorndike St., Lowell, Mass.
Ruoff, Chauncey Francis	1914	XIV	Bridgewater, Mass.
Rupert, Frank Finch, A.B., A.M.		V	Neodesha, Kan.
Rush, James Edwin	1912	VII Sp.	120 Dorchester St., S. Boston, Mass.
Russell, Foster, Θ X		II	2702 E. 8th Ave., Spokane, Wash.
Russell, James Gordon	1913 1914	I	12 Bodwell St., Dorchester, Mass. The Country Club, Brookline,
Russell, Philip Alden	1914	1	Mass.
Ruttkay, Paul	1913	II	Great Kills, Staten Island, N.Y.
Ryder, Frank Pittis	1913	II	Niagara Falls, N.Y.
Ryon, Gordon Ames	1912	VI Sp.	85 Riverview Ave., Waltham, Mass.
Sada, Javier G	1913	Ш	Hidalgo No. 716, Monterey, Mex.
St. John, Everett, A.B.	1912	п	32 S. 21st St., Philadelphia, Pa.
Salgado, Agapito	1912	VI	San Francisco de la Paz, Olamcho, Honduras
Salibi, Nimr Said	1913	I Sp.	Gas Co., Beirut, Syria
Salisbury, Ralph Dewey	1914	IV	7120 LaFayette Ave., Chicago, Ill.
Salisbury, William Conyne, A K E	1911	II	Chicago Beach Hotel, Chicago, Ill.
Salisbury, Willis Ruel, B.S.	1912	II Sp.	419 3d Ave., S.E., Minneapolis, Minn.
Salomon, Leo	1914	I	4 Sargeant Ct., W. Lynn, Mass.
Salomonson, Maurice Westheim	1913	IV Sp.	W. Newton, Mass.
Sampson, George Benjamin, Θ Z	1913	II	61 Sargeant St., Springfield, Mass.
Sampson, Howard Collamore	1914	I	S. Hanson, Mass.
Sampson, Ross Darlton, A T Ω	1913	III Sp.	197 Fairmount Ave., Hyde Park, Mass.
Sanburn, Justus Curtis	1912	X	Mittineague, Mass.
Sanchez, Federico Guillerano	1913	IV	Central "Sta. Lucia," Gibara, Cuba
Sandburg, Carl Arthur	1914	VI Sp.	33 Kingsdale St., Dorchester, Mass.
Sandstein, Leopold Maurice	1912	I Sp.	Christ Church, New Zealand
Sargent, Hall Sargent, Stuart Cary, $\Theta \Xi$	1912	II Sp.	Grand Forks, N.D.
Sargent, Stuart Cary, Θ Ξ		XIII	71 Sargent Ave., Fitchburg, Mass.
Sawyer, Ralph E., A.B.	1911	XII	516 Summer St., S. Portland, Me.
Sauer, Fred Eugene, Jr. Savage, Edgar Channing	1914	III Sp.	10 Irving St., Everett, Mass. 117 Richmond St., Dorchester,
Savage, Edgar Chamming	1911		Mass.
Sawyer, George Summers	1912	I	49 Oak Square Ave., Brighton, Mass.
Sayward, Malcolm Joseph	1914	I	8 Greenleaf St., Bradford, Mass.
Scanlon, Richard Harriman	1912	П	20 Dartmouth St., Leominster, Mass.
Scannell, Philip Lawrence	1913	X Sp.	575 Westford St., Lowell, Mass.
Searff, John Henry, B.S.		IV	1706 N. Charles St., Baltimore, Md.
Schafer, Charles Adolph		XIII	294 Fourteenth St., Portland, Ore.
Schallenbach, Albert Emerson		II V Co	57 Nixon St., Dorchester Ctr., Mass.
Scharff Maurice Rose S R		VII & XI	E. Third St., E. Liverpool, Ohio 600 N. Union St., Natchez, Miss.
Scharff, Maurice Roos, S.B. Schattschneider, Sylvester, B.S.	Grad.	I	De Forest, Dane Co., Wis.
Schell, Erwin Haskell, Θ Δ X		II Sp.	
	200		Mich.
Schellens, Christopher Avery, B.S.		II	Groton, Ct., P.O. Box 4
Scherwin, Paul Maximilian	1914	I	443 W. 151st St., New York City

Name and Society	Class	Course	Home Address
Schick, Alejandro	1914	I	Los Angeles, Chile, S.A.
Schiess, Ulrich Christopher	1914	IV	463 McDonough St., Brooklyn,
			N.Y.
Schmidt, Samuel Myer	1911	VII	9 Allen St., Boston, Mass.
Schmiedeke, William Valentine, A.B	1912	I	874 Rockdale Ave., Cincinnati,
			Ohio
Schmitt, Philip, Jr., Θ Δ X	1913	III Sp.	
Schofield, Stuart James, B.A., M.A	Grad.	XII	647 Princess St., Kingston, Ont.,
	12002		Can.
Schreiber, Henry, Jr.	1912	XI Sp.	13 Bishop St., Jamaica Plain, Mass.
Schulze, Robert, Jr.	1913	X Sp.	285 Milton St., E. Dedham, Mass.
Schurig, Otto Robert, A.B.	1911	VI	Innere Schueeberger Str. 17, Ze-
Colomba Tomic	1011	V	orckau, Sachsen, Germany 177 Chambers St., Boston, Mass.
Schwartz, Lewis	1911 1914	II Sp.	106 Marion St., Brookline, Mass.
Scott, Kenneth Allen	1913	I Sp.	814 Euclid Ave., Cleveland, Ohio
Scoville, John Harris, $\Delta \Upsilon$	1911	IV Sp.	96 Wethersfield Ave., Hartford,
Scovine, somi Harris, 2 1	1011		Conn.
Scribner, Samuel Harold	1911	I	158 Westford St., Lowell, Mass.
Scriven, Edward Osborne, B.S	Grad.	VI	623 College Ave., Beloit, Wis.
Scudder, Tracy Vanderveer, Y X	1913	XIII Sp.	65 Central Ave., Tompkinsville,
	-		N.Y.
Seaton, Roy Andrew, B.S., M.S	1911	II	Manhattan, Kan.
Sebben, Edward Baker	1914	X Sp.	1331 Humboldt St., Denver, Col.
Seeley, Nathaniel Stevens, X 4	1911	II	11 Ash St., Flushing, Me.
Sectoo, Fucheng	1912	XIII Sp.	
Selfridge, John Soley, X 4	1912	VI Sp.	
A 11 1 A 1 1 A 1 A 1 A 1 A 1 A 1 A 1 A		TT	Cal.
Selfridge, Samuel Woodworth, X Φ	1913	II	2615 California St., San Francisco,
C.F. W.HI T	1912	III Sp.	Cal. 21 Fairbanks St., Brookline, Mass.
Seligman, Wellesley J	1913	X	3580 Washington Ave., Cincinnati,
Cemor, Inomas Edward	1010		Ohio
Shafran, Max Jacob	1913	X Sp.	4 Balfour St., Roxbury, Mass.
Shagury, Peter Nichola, B.A	1913	I Sp.	Al Maballatul, Kubra, Egypt
Sharp, Harold Harris, A.B.		III Sp.	177 Bellevue Ave., Melrose, Mass.
Shaw, Charles, Φ Σ K		I	133 Sherman St., Springfield, Mass.
Shaw, Harold Duncan		VI	84 Amherst St., Roslindale, Mass.
Shaw, Harold Francis	1911	II	42 Orchard St., Leominster, Mass.
Shaw, Herbert Gleason	1913	II Sp.	111 E. Water St., Rockland, Mass.
Shedd, Gale Colburn, A T	1914	XI	12 Marlboro St., Keene, N.H.
Shedd, Paul Wesley, AT	1914	II	12 Marlboro St., Keene, N.H.
Shedden, John Bruce	1914	IV Sp.	1400 Olive Ave., Edgewater, Chi- cago, Ill.
Sheehan, Thomas William	1914	I Sp.	479 Pleasant St., Malden, Mass.
Shenstone, Osborne Harris, Φ Γ Δ		I	40 Wahuer Rd., Toronto, Can.
Shepard, Arthur Pope	1914	VI Sp.	Sharon, Mass.
Shepard, Frederick Johnstone, Jr., Φ Γ Δ.	1912	VI	East Derry, N.H.
Shepherd, William Alexander, B.S	1911	VI	Pultneyville, N.Y.
Sherman, Albert Case, Jr	1914	IV	155 William St., New Bedford, Mass.
Shohan, Abraham	1914	VI	35 Devon St., Roxbury, Mass.
Shore, Jacob David	1912	IV	131 Elmo St., Dorchester, Mass.
Shoub, Hyman Louis	1913	VII	34 Lawrence Ave., Roxbury, Mass.

Name and Society	Class	Course	Home Address
Shurtleff, Ernest Solon	1914	VI Sp.	118 N. Main St., Concord, N.H.
Shurtleff, Ernest Solon	1914	VI Sp.	
Sickels, George Harrington, & K Z		II Sp.	
		VI Sp.	9 E. Haverhill St., Lawrence, Mass.
Silsbee, Francis Briggs			
Silverman, Benjamin	1912	II Sp.	
Simonds, Charlotte Victorine, A.B	1913	IV Sp.	
Simonds, Roland Scott	1911	IV Sp.	42 Salem St., Bradford, Mass.
Simonds, Warren James, Φ Σ K	1911	1	52 Shawmut Ave., Marlboro, Mass.
Simonds, William Aaron	1914	X	66 Orange St., Waltham, Mass.
Sinnicks, Frank Samuel, θ X	1913	III Sp.	Manchester, Mass.
Sisonsky, Isador	1913	I	116 Chelsea St., E. Boston, Mass.
Sittinger, Carl Joseph	1911	VI	59 Delle Ave., Roxbury, Mass.
Slade, Walter Clifton	Grad.	V	76 Comstock Ave., Providence, R.I.
Sloane, Vernon Gregory	1912	1	31 Acton St., Arlington Heights, Mass.
Smith, Alfred Newell	1912	I Sp.	1 Ashcroft St., Dedham, Mass.
Smith, Charles Albert, A.B	1913	III Sp.	67 Madison St., W. Medford, Mass.
Smith, Clarence Lester	1914	VI	97 Munroe St., Roxbury, Mass.
Smith, Clyde Fuller, A.B.	1912	XI	Islington, Mass.
Smith, Daniel Joseph	1911	V Sp.	5 Menlo St., Brighton, Mass.
Smith, Edward Ephraim, 2d	1913	VII	74 Glendale St., Upham's Corner,
The second secon			Boston, Mass.
Smith, Frank Griswold	1911	III	108 Field St., Torrington, Ct.
Smith, Frank Thomas	1913	XIV	13 Hall St., Jamaica Plain, Mass.
Smith, Harold Alfred, O X	1911	II	67 Woodlawn St., Lynn, Mass.
Smith, Harry Chawner	1912	IV Sp.	214 S. Spring St., Independence, Mo.
Smith, Hubert Stacy, A K E	1911	X	1112 Centre Ave., Bay City, Mich.
Smith, Marquis Seymoure, K O	1914	XIII Sp.	14 Princeton Ave., Allston, Mass.
Smith, Merrill Jefferson	1913	VI Sp.	Cassadaga, N.Y.
Smith, Robert Patterson	1913	I Sp.	Freeland, Prince County, P.E.I., Can.
Smith, Sedgwick	1911	Sp.	Skaneateles, N.Y.
Smith, Sidney Vanuxern, Jr	1914	III Sp.	2746 Dwight Way, Berkeley, Cal.
Smith, Stanley Armstrong	1914	IV	81 Pearl St., Somerville, Mass.
Smythe, Frederic Hastings, A.B.	1912	V Sp.	Utica, N.Y.
Smythe-Martin, Rosslyn, A K E	1913	II Sp.	220 Broadway, New York, N.Y.
Snow, Welton Ames	1914	II	6 Gage St., Needham, Mass.
Snyder, Elwyn Edward, Jr	1914	X	21 Newtonville Ave., Newton, Mass.
Somerby, Frank Soule	1914	III	15 Ashland St., Newburyport,
San to Cool Warriant and A P	1010	IV C.	Mass.
Somers, Carl Warrington, A.B.	1912	IV Sp.	22 Westlake Ave., Auburn, N.Y.
Soulis, Hugh Emerson	1912	VI	26 Winslow St., Everett, Mass.
Southgate, Donald Wright	1911	IV Sp.	501 Russell St., Nashville, Tenn.
Spaulding, Archibald Harris	1913	X Sp.	138 Lincoln St., Newton Highlands, Mass.
Spector, Isidore, B.S.	1911	1	241 E. 68th St., New York, N.Y.
Spicer, Allen Wood	1913	X Sp.	Dexter, N.Y.
Spitz, Seymour James	1914	X	50 Thorndike St., Brookline, Mass.
Springall, Cyrus Foss	1912	IV	18 Spring St., Malden, Mass.
Sprowls, George Milton, A.B	1912	VI	Claysville, Pa.
Staiger, Allen Brown	1912	II Sp.	1522 Pacific Ave., Atlantic City,
Stanyan, Starr Walker	1914	VI	N.J. 76 Boston Ave., W. Medford, Mass.

Name and Society	Class	Course	Home Address
Staples, Elden Ivan	1914	X	38 Central St., Wakefield, Mass.
Starr, Frank Elijah	1912	III Sp.	97 Cedar St., Fitchburg, Mass.
Starr, George Horace	1913	I Sp.	Danbury, Ct.
Steere, Edward	1914	I Sp.	
Stenholm, Carl Johan Adolf	1913	X Sp.	17 Edward St., Newport, R.I.
Stern, Frances	1912	V	18 Angell St., Dorchester, Mass.
Stevens, Donald Reed, P B E	1911	II	32 Manchester Rd., Brookline,
			Mass.
Stevens, George Shepard	1914	VI	32 Parker St., Chelsea, Mass.
Stevens, William D	1913	II Sp.	Houghton, Mich.
Stewart, Dugald, A.B.	1912	I	Middlebury, Vt.
Stewart, Gordon Urquhart	1914	VI	147 Kilton St., Dorchester, Mass.
Stewart, Horace Gentry, O A X	1914	VII	18 Roslyn St., Clifton, Cincinnati,
			Ohio
Stewart, Oswald Wellington	1911	I	75 Milton Ave., Hyde Park, Mass.
Stibb, Franklyn Mosher	1912	XI Sp.	31 Westford Ave., Springfield, Mass.
Stillman, Frederick Otis	1913	III	4 Waverly Ave., Melrose, Mass.
Stimpson, Edward Francis	1911	X	84 Larch St., Providence, R.I.
Stobert, Robert Clarence, Φ K Σ Stone, Howard Lyons, Δ T Δ	1912	VI	2120 Ten Ave., S. Birmingham, Ala.
Stone, Howard Lyons, A T A	1914	I	400 Ogden St., Bridgeport, Ct.
Stone, John Haven	1914	II	877 W. Ferry St., Buffalo, N.Y.
Stone, Ralph Townsend	1912	II Sp.	877 W. Ferry St., Buffalo, N.Y.
Stone, Roger Barton	1912	I Sp.	26 Grosvenor Rd, Jamaica Plain, Mass.
Storke, Harold Grey	1914	II Sn	115 S. Seward Ave., Auburn, N.Y.
	Grad.	VI VI	505 Second Ave., Altoona, Pa.
Stover, Lester Arthur	1912	II Sp.	3506 14th Ave., S., Minneapolis,
Storen, sester artinum.	1014	ii op.	Minn.
Strachan, Joseph Joslin	1913	1	371 Grant Ave., Richmond Hill,
2 11 2 11	****	***	N.Y.
Strahlmann, Otto Edward	1914	VI Sp.	4th & D Sts., San Diego, Cal.
Strong, Charles Raymond	1911	IV Sp.	Cincinnati, Ohio
Stubbs, Arthur Rollin, Φ B E	1914	XI	12 Lincoln St., Rockland, Me.
Stucklen, Henry William, B.S.	1911	X	26 Esmond St., Dorchester, Mass.
Summerville, Joseph Anawan	1913	VI	3 Hagar St., Jamaica Plain, Mass.
Sutherland, Clarence Hale, A.B.	1911	I	29 Cumberland St., Brunswick, Me.
Sutherland, David Lee	1914	II Sp.	1819 Dupont Ave., S., Minneapolis, Minn.
Suzuki, Ewazo, B.S.	1912	X Sp.	Sakae machi IV, Kobe, Japan
Swatzburg, Louis Albert	1913	X	120 Main St., Norwich, Ct.
Sweet, Herbert Alfred, A T Q	1913	Î	Bridgewater, Mass.
Swenson, Guy Andrew	1913	IV Sp.	
Swift, Angus Van Ausdol, E X	1914	XI	Falmouth, Mass.
Swift, Herbert Dyer, $\Phi \Sigma K$	1913	VI Sp.	
Symmes, Ernest Montgomery	1911	V	251 Main St., Winchester, Mass.
Symonds, Ralph Frederick, ⊕ Z	1912	II	103 Stetson Ave., Swampscott,
			Mass.
Taft, Edgar Whittaker, Φ B E	1913	VI	12 Bellevue Ave., Gloucester, Mass.
Tallman, Vernon Myles Francis	1914	VI	98 Broadway, Newport, R.I.
Tarr, Elliot Whitney	1912	VI	22 Chestnut St., Gloucester, Mass.
Taylor, Edward Curtis, Φ B E	1914	XI	25 Federal St., Springfield, Mass.
Taylor, Edward Gordon	1913	XIV	19 Park Pl., Newtonville, Mass.
Taylor, Edward Nelson	1913	XIV Sp.	59 Fairbanks St., Brighton, Mass.

Name and Society	Class	Course	Home Address
Taylor, Frank Carter, Ph.B	1911	VI	184 Meeting St., Providence, R.I.
Taylor, George Alfred	1913	II	15 Allyn Ter., Lawrence, Mass.
Taylor, Paul Huse, Φ K Σ	1914	II	36 Crescent St., Wakefield, Mass.
Taylor, Walter Herron J., B.A.	1912	V Sp.	Marine Bank, Norfolk, Va.
Tennant, Joseph Allen, B.A., ⊕ Ξ	1913	VI	405 Hadley Ave., Houston, Tex.
Tenney, John Bouvé	1913	II	Haverford, Pa.
Terrell, Wendell Phillips, B.S.	1911	IV Sp.	Prairie View, Tex.
Terry, Philip Baxter	1913	X	East Bridgewater, Mass.
Thayer, Geoffrey Rice, K O	1913	VI	24 Mansfield St., Allston, Mass.
Theriault, Emery Joseph, A.B	1912	XIV Sp.	Van Buren, Me.
Thierfelder, Henry Carl	1913	I	5 Decatur Sq., Providence, R.I.
Thomas, Benjamin Franklin, A.B.	1913	VI	Kirkwood, Mo.
Thomas, Winthrop Gordon, Θ Δ X	1914	II	133 W. 73d St., New York, N.Y.
Thompson, Alvin Goodell	1912	II	68 Grove St., Lowell, Mass.
Thompson, Charles Francis	1914	VI	53 Clarkwood St., Mattapan, Mass.
Thompson, Henry Havelock	1913	XIV	27 Hurd Rd., Brookline, Mass.
Thompson, Maurice Raymond	1911 1914	XIV Sp.	7 Locust Ave., E. Lexington, Mass. 55 Beals St., Brookline, Mass.
Thompson, Newell Aldrich, Jr., X &	1913	XIV Sp.	2 Black Horse Ter., Winchester,
Thompson, Roland Charles, $\Theta \Delta X$	1919		Mass.
Thompson, William Ransom	1914	II	68 Grove St., Lowell, Mass.
Tillinghast, James Alexander, A.B., Φ B E,	1912	VI Sp.	268 Angell St., Providence, R.I.
Tirrell, Henry Stanley	1912	X Sp.	23 Abbott Pl., Brockton, Mass.
Tirrell, Walter Gladstone	1914	X	Chatham, Mass.
Tisdale, Ellis Spence	1914	XI	May St., Needham, Mass.
Tisdale, Harry Robert, B.S.	1911	V	P.O. Box 263, New London, Ct.
Tolman, Edward Chace	1911	XIV	94 Highland St., W. Newton, Mass.
Tolman, Edward Mayo, Φ Σ K	1912	XI Sp.	55 Lexington Rd., Concord, Mass.
Tomlinson, Daniel A	1912	I	North Chicago, Ill.
Tong, Pao Tung	1912	I Sp.	527 Woochang Rd., Shanghai, China
Torrey, Bates, Jr	1912	X	12 Tower Ave., S. Weymouth,
	2322		Mass.
Torrey, Ralph Martin, Θ Δ X	1912	XIII	88 Centre St., Brookline, Mass.
Townend, Robert Vose, Θ Ξ	1914	X	154 Pleasant St., Fitchburg, Mass.
Townsend, Arthur Lawrence	1913	II	567 Tremont St., Boston, Mass.
Tremere, Benjamin Burrows, Jr., Λ Φ	1913	Ш	10 Newsome Park, Jamaica Plain, Mass.
Triplett, Walter Howell, B.S	1912	X Sp.	19 Fourth St., Bangor, Me.
Troland, Leonard Thompson	1912	VII	11 Beltran St., Malden, Mass.
True, Augustus Sweetland, Z X	1914	II	15 Harvard Ave., Allston, Mass.
True, Guy Winford	1911	I	36 Sturgis St., Winthrop, Mass.
Trufant, Russell Alden	1914	I	34 Hayden Ave., Whitman, Mass.
Trull, Charles Eustis	1913	VI Sp.	604 Main St., Woburn, Mass.
Tseng, Chou Chaun	1914	XIII Sp.	Chekiang, China
Tuck, Davis H	1911	VI	Nashville, Tenn.
Tullar, Robert Jackson	1913	II	100 East Ave., Waukesha, Wis.
Turner, Earle Oliver	1914	I Sp.	Harvard, Mass.
Tyler, Paul McIntosh	1912	Ш	92 Beacon St., Hyde Park, Mass.
Underhill, Arthur William, Jr., Θ Δ X $$.	1912	VI	83 Ingersoll Grove, Springfield, Mass.
Upham, Edwin Osgood, Φ Σ K	1912	X & VI	124 Cross St., Keene, N.H.
Urquhart, John Alexander, Σ A E	1911	XI	38 Walden St., Concord, Mass.

Name and Society	Class	Course	Home Address
Van, Yung Tsun	1913	XI	China
Van Alstine, Roy Daniel, K θ	1912	I Sp.	Mitchell, S.D.
Van Deusen, Donald Higgins, X Φ	1913	II	441 E. Allen St., Hudson, N.Y.
Van Etten, Frederic Joseph	1914	III Sp.	53 Mapleton St., Brighton, Mass.
Van Hovenberg, Henry Waggoner, Σ A E	1911	XI	412 Congress St., Eau Claire, Wis.
Van Syckel, E. Carhart	1912	III Sp.	26 Park Drive, Brookline, Mass.
Van Syckel, Wallace Acee	1911	III Sp.	26 Park Drive, Brookline, Mass.
Van Volkerburgh, D. Ethelbert	1914	VI	Bethel, Ct.
Varona, Francisco Javier de	1913	I Sp.	
Vaughan, Cecil Bolmer	1912	II Sp.	44 Pearson St., Chicago, Ill.
Vavoudis, Nicholas John	1913	VI Sp.	127 Oxford St., Lynn, Mass.
Vickers, Hayes Bowers	1912	II	Roseboom, N.Y.
Vining, Ralph Edward	1911	III	104 Central St., S. Weymouth,
			Mass.
Vose, Arthur Williams	1912	I	170 Pleasant St., Milton, Mass.
Vose, Edwin Crawford	1911	XI	350 Cabot St., Newtonville, Mass.
Wade, Norman Scruton	1912	II Sp.	Salem, N.H.
Wadsworth, Edward Longfellow, Δ K E .	1913	VII Sp.	Eastport, Me.
Wagner, Gilbert Augustus	1914	VI	Stafford Springs, Ct.
Waite, Horace Stokes, A.B.	1911	II	29 Commonwealth Ave., Boston, Mass.
Waitt, Alden Harry	1914	VII	33 Ashland St., Medford, Mass.
Waldstein, Julius	1911	I	72 Revere St., Boston, Mass.
Walker, Laurence Brewster	1912	II	25 Thayer St., Quincy, Mass.
Walker, Ralph Thomas	1911	IV Sp.	231 Lenox Ave., Providence, R.I.
Wallis, Richard Parker, A K E	1912	I	346 Fourth Ave., New York, N.Y.
Wallis, William Fisher, A.B.	1913	IV	302 E. 20th St., Baltimore, Md.
Walsh, Joseph Vincent	1913	I	28 Cleveland Ave., Everett, Mass.
Walsh, Leo Francis	1914	I	5 Woodville St., Roxbury, Mass.
Walsh, Louis Sebastian	1912	X Sp.	12 Mayfair St., Roxbury, Mass.
Ward, James Haller	1913	X Sp.	176 Wyoming Ave., Melrose, Mass.
Wardwell, Austin Kingsley	1912	I Sp.	465 Broadway, Cambridge, Mass.
Warner, Paul Charles, Φ K Σ	1913	IV	North Tonawanda, N.Y.
Warner, William Weatherby, K O	1911	I	Titusville, Pa.
Warren, Harold	1914	II Sp.	11 Outlook Rd., Swampscott, Mass.
Waterfall, Harry William	1911	II	53 Fairbanks St., Brighton, Mass.
Waterman, Max Leon, & B E	1913	II	15a Maple Ave., Winter Hill, Mass.
Waters, Frederick Elmer	1914	Î	91 North St., Salem, Mass.
Watkins, Harold George, Φ K Σ	1912	Î Sp.	43 Elm St., Wakefield, Mass.
Watson, Earle Bradbury	1912	Î P	162 Glenway St., Dorchester, Mass.
Watson, George Smyth, Φ Γ Δ	1911	IV	177 Park Row, Dallas, Tex.
Watson, John Craig	1911	III Sp.	Johannesburg, Transvaal, South
Waymouth, George William	1913	II Sp.	
W d T W	1012	TYC	Rico, Cuba
Weatherwax, Lea Albert	1912	IV Sp.	North Yakima, Wash.
Webber, Charles Willis	1912	VI	50 Orris St., Melrose Highlands, Mass.
Weeks, Robert W	1913	VI	3461 Lowell St., Washington, D.C.
Weiss, Fernand Carl	1913	VI Sp.	
Welch, John Berchman, A T Ω	1913	X	214 Washington St., Winchester, Mass.
Weller, Ernest	1913	VI	25 Dexter Ave., Watertown, Mass.

Name and Society	Class	Course	Home Address
Wells, Philip Varnum	1911	VIII	15 Fairview St., Roslindale, Mass.
Wells, Ralph Evans, Jr., Δ K E	1914	III	2433 S. Grand Ave., Los Angeles, Cal.
Wells, Russell Diemer, Δ T Δ	1911	VI	Spring City, Pa.
Welsh, Francis Dyer	1914	IV Sp.	55 Bourne St., Forest Hills, Mass.
Welsh, Henry James	1913	VI	354 Hancock St., Atlantic, Mass.
Weltmer, Noyes	1911	III	Santa Fé, N.M.
Wemple, Halland Russell, 2 X	1913	X Sp.	
	1914	II Sp.	50 Fenway, Boston, Mass.
Wetherald, Royal Winter	1913		
Wetherbee, Chester Preble		VI Sp.	60 Union Ave., Jamaica Plain, Mass.
Wettengel, Everett Brockway	1912	V Sp.	313 Buffalo St., Fulton, N.Y.
Wheeler, Richard Howard, Φ B E	1914	I Sp.	2115 Commonwealth Ave., Auburn- dale, Mass.
Wheeler, Thorne Lake, B.A	1911	X	Chatham, N.Y.
Whipple, Robert Everett	1912	III	30 Arthur St., Beverly, Mass.
Whiteomb, Emmons Joseph	1911	X	358 Broadway, Winter Hill, Mass.
Whiteomb, Herbert Hartwell	1914	I Sp.	Littleton, Mass.
	1913	I Sp.	15 Morris St., E. Boston, Mass.
White, Benjamin	1911	XI	
White, Cyrus Newell		II	266 Albion St., Wakefield, Mass.
White, Gordon Winthrop, A T A	1914		39 Washington St., Hartford, Ct.
White, James Mayne, $\Lambda \Phi$	1914	VI Sp.	N.Y.
White, Lester M.	1912	X	4551 Forestville Ave., Chicago, Ill.
White, Peter Desmond, $\Lambda \Phi$	1911	II	326 West End Ave., New York, N.Y.
Whitehead, Lindsey Wood, B.S	1912	1	Brookings, S.D.
Whitehead, Walter Lucius, Φ K Σ	1913	III	Lexington St., Waltham, Mass.
Whithed, Houghton Hamilton, Y X	1911	VI	147 Reeves Ave., Grand Forks,
		***	N.D.
Whitman, Percy Greene, $\Phi \Gamma \Delta$	1913	III Sp.	12 Dartmouth St., Somerville, Mass.
Whitmore, Charles Matson, B.S	1912	VI	Knoxville, Ia.
Whitney, Stanley Nathan, A.B.	1911	IV Sp.	Westminster, Mass.
Whitten, Francis, Jr., Φ Γ Δ	1914	IV Sp.	
Whittlesey, John Eddy, $\Theta \Delta X$	1912	II	56 Hawthorne St., Malden, Mass. 10 Regent St., W. Newton, Mass.
		XIV	
Whitwell, George Edward, X Φ	1914		1794 Lanier Pl., Washington, D.C.
Whorf, Allison Howes	1911	III	68 Charles St., Dorchester, Mass.
Wicher, Harold Elms	1914	VIII Sp.	Taunton, Mass.
Wiessner, Oscar Karl	1912	III	302 Andover St., Lawrence, Mass.
Wiggin, Fred Frost	1914	II Sp.	North Baldwin, Me.
Wilbur, Harold Raymond	1911	VI	Kingston, Mass.
Wild, Marcellus Edward, Θ Ξ	1914	III Sp.	143 Spring St., Rochester, N.Y.
Wildes, Kenneth Neil	1913	I Sp.	85 Richardson Rd., Melrose High- lands, Mass.
Wilds, John Law, B.S., O A X	1911	II	Darlington, S.C.
Wilfert, John Henry	1913	II Sp.	228 Crescent Ave., Revere, Mass.
Wilkes, Gordon Ball, Φ B E	1911	II	495 Lafayette Ave., Buffalo, N.Y.
Wilkins, Charles Howard	1914	II	217 Crafts St., Newtonville, Mass.
Wilkins, Harold Sutherland	1914	XIV	98 Central St., Somerville, Mass.
Williams, Fay Bailey	1914	II Sp.	19 Rockview St., Jamaica Plain
		- 300	Mass.
Williams, Fay Woodlawn, Θ Δ X	1914	XI	83 Magnolia Ter., Springfield,
Williams, Howard David, O A X	1912	XI Sp.	Mass.
rimmile, Howard David, O 4 A	1912	Ar op.	83 Magnolia Ter., Springfield, Mass.

Name and Society	Class	Course	Home Address
Williamson, Paul Revere	1912	I Sp.	Marshfield Centre, Mass.
Willis, Charles Main	1912	IV Sp.	9 Vincent St., N. Cambridge, Mass.
Willis, Sumner Chapin	1911	I	47 Wheatland Ave., Dorchester,
			Mass.
Wilson, Albert Olaf	1911	I	302 Columbia St., Cambridge, Mass.
Wilson, Irving White, X 4	1911	XIV	Bloomington, Ill.
Wilson, Louis Alexander	1914	I	36 Harbor View St., Dorchester,
			Mass.
Wilson, Raymond Everett	1912	II	15 Bayard St., Allston, Mass.
Wilson, Ronald Munroe	1913	I Sp.	Kennebunk, Me.
Wilson, Walter Chisholm	1911	X	324 Ares St., Lawrence, Mass.
Winninghoff, Wilford Joseph, B.S.	Grad.	V	Philipsburg, Mont.
Wise, Jacob Samuel	1912	IV Sp.	Yazoo City, Miss.
Wiseman, Robert Joseph	1912	VI	17 Pemberton St., N. Cambridge,
*** *** ** * * * * * * * *		***	Mass.
Woehling, Herbert Louis, Φ K Σ	1912	VI	77 Stockton Pl., E. Orange, N.J.
Wolfe, William Smock, B.A.	1912	X Sp.	232 Fifth St., Marietta, Ohio
Wood, Charles Hiram	1913	I	8 Washington Pl., Braintree, Mass.
Wood, Herbert Binns	1913	II & VI	289 Jackson St., Lawrence, Mass.
Wood, Robert Odiorne, Z A E	1912	XIV Sp.	Concord, Mass.
Woodcock, Charles Martin	1912	V	411 Broadway, Lawrence, Mass.
Woodlock, Charles Ernest	1914	Sp.	20 Westford St., Allston, Mass.
Woods, Robert Harris, Jr., B.A.	1912	VI	Cuba, P.I.
Woodward, Clarence Richardson, Δ T	1912	III	Charlottesville, Va. 46 Abbott Rd., Wellesley Hills,
	1912	50.0	Mass.
Woodward, Edgar Lucian	1911	VI	5 Pacific St., S. Boston, Mass.
Woodward, Roland, Jr	1912	II	1320 Main St., Jacksonville, Fla.
Woodworth, Hagen Barnes	1914	1	48 Hungerford St., Hartford, Ct.
Worthington, Nicholas Warwick Dennis,		***	
B.A., X P	1913	VI Sp.	44 The Fenway, Boston, Mass.
Wright, Harry Sheffield	1913	X Sp.	192 Dartmouth St., Boston, Mass.
Wright, Rowland Gregory, A.B.	1912	VI	Hancock, Mich.
Wu, Yu Liu	1913	VI	Loochow, China
Wylde, Harry Morley	1914	XI	19 Orchard Ter., N. Adams, Mass.
Wyman, Dwight Mead, Φ B E	1914	II	28 Beacon St., Fitchburg, Mass.
Wyman, Dwight Mead, 4 b b	1915	11	96 Park St., Montelair, N.J.
Yacoubyan, Vahan P.	1919	IV	Cairo, Egypt
Yamaguichi, Shiuchi, M.E.	1911	XIII Sp.	Tokio, Japan
Yeh, Fong Teh	1913	XIII	Foo-Chow, China
Yereance, Alexander Woodward, Λ Φ	1912	I	418 Centre St., S. Orange, N.J.
Ying, Yuen Tze	1914	II	Djou Gai Bridge, Luchowfu, Auhui, China
Young, Erving Mandeville	1911	I	11 Warren St., Haverhill, Mass.
Zanetti, Silvio	1914	IV	236 Princeton St., E. Boston, Mass.
Zecha, Rudolph Ferdinand	1914	VI	409 Crescent Ave., Chelsea, Mass.
Zimmerman, Rufus Eicher, Ph.B.	1911	X Sp.	Mt. Pleasant, Pa.
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PHOTOGRAPHIC

The official photographer for Technique, 1912, was Notman, 3 Park Street. The portrait of Professor Lanza by Notman. Athletic pictures by William Conyne Salisbury, Edmund Burke Moore, and Winthrop Thomas. Pictures of Technique Rush by Allen Frank Brewer.





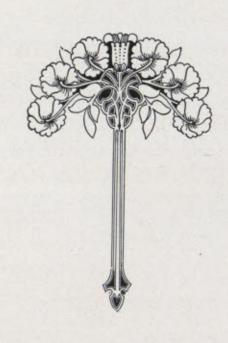
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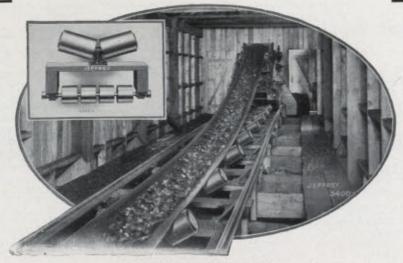
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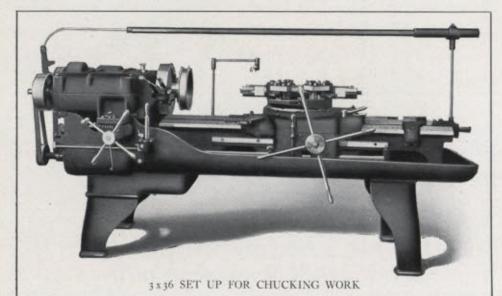
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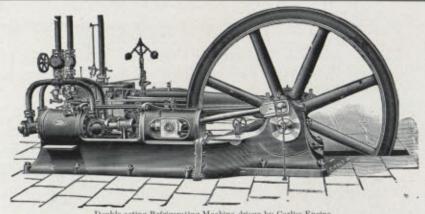
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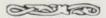
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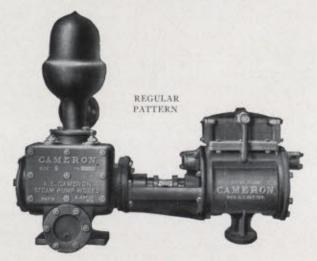
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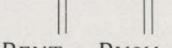
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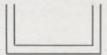
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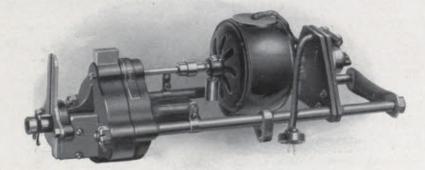
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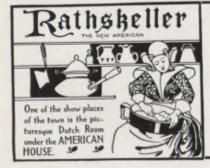
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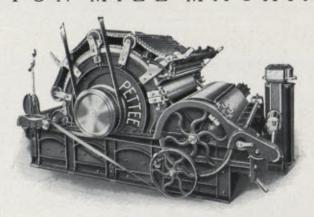
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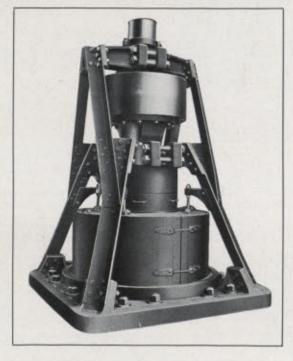
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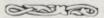
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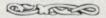
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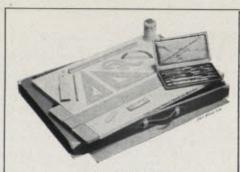
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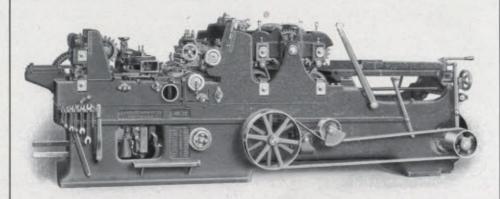
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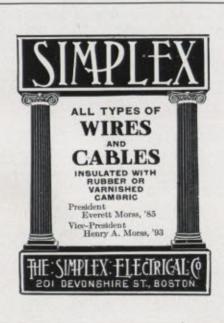


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