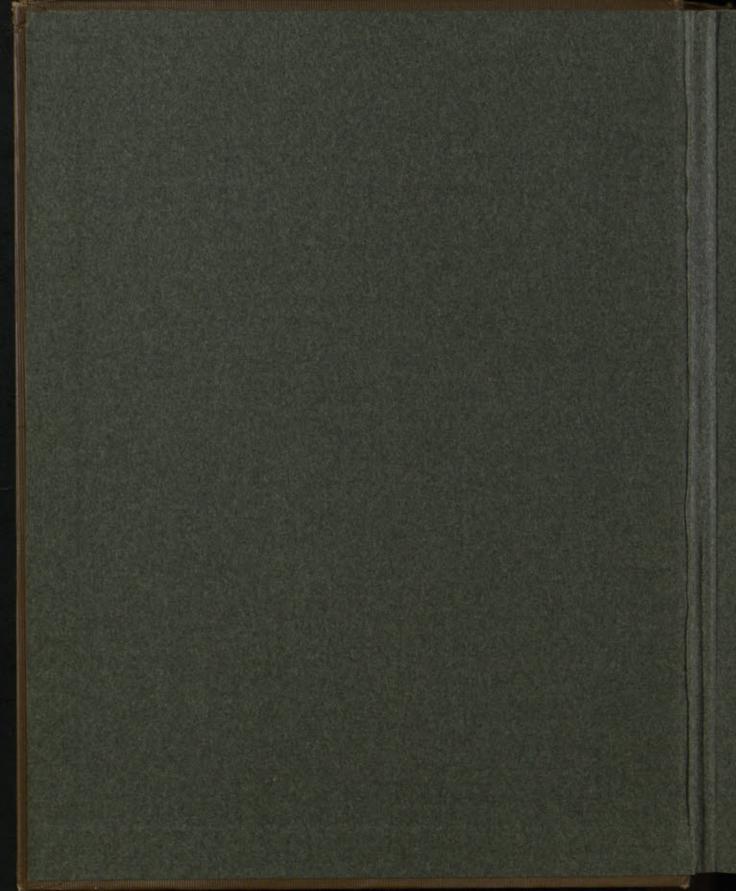
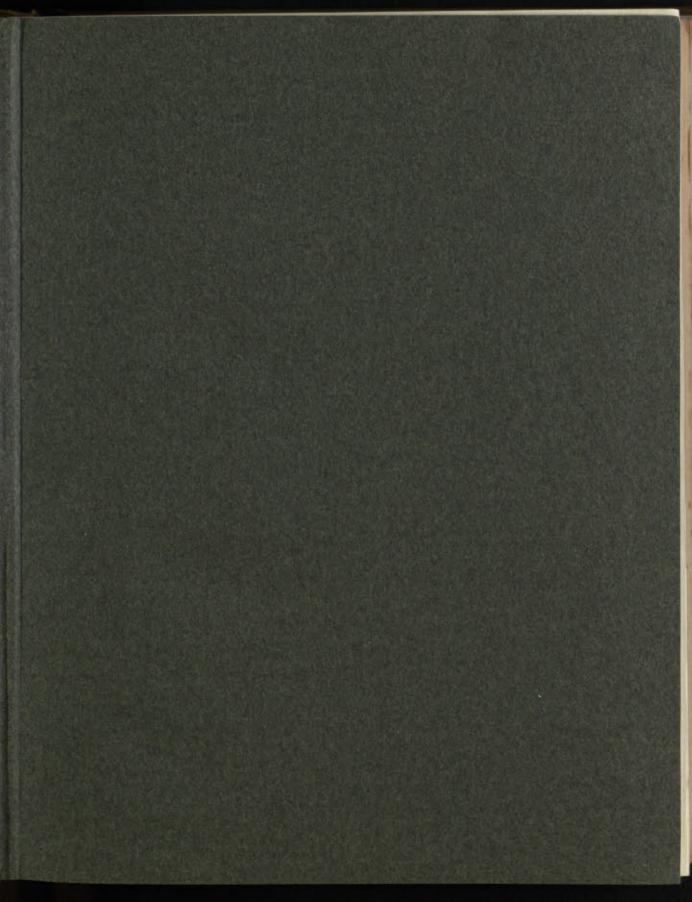
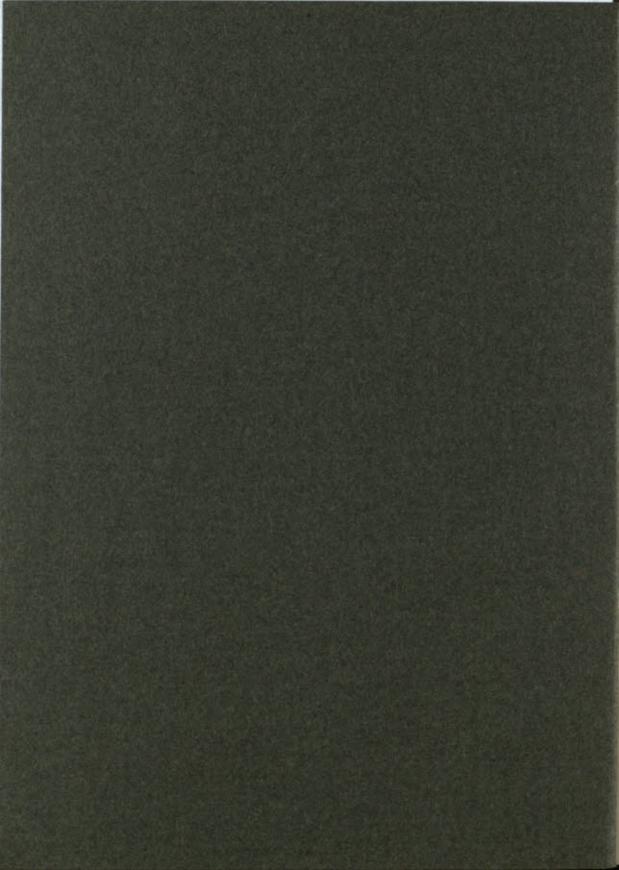
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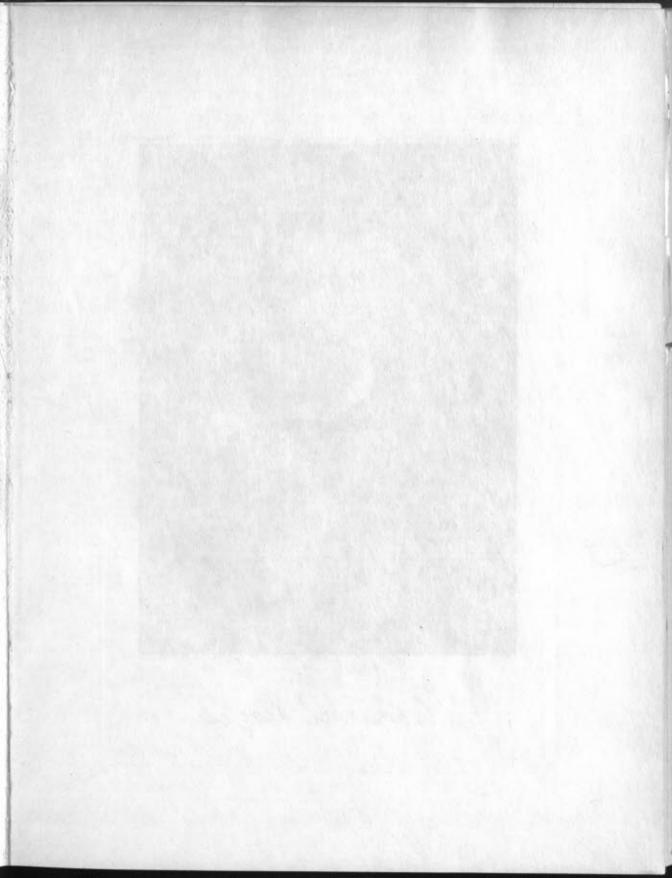
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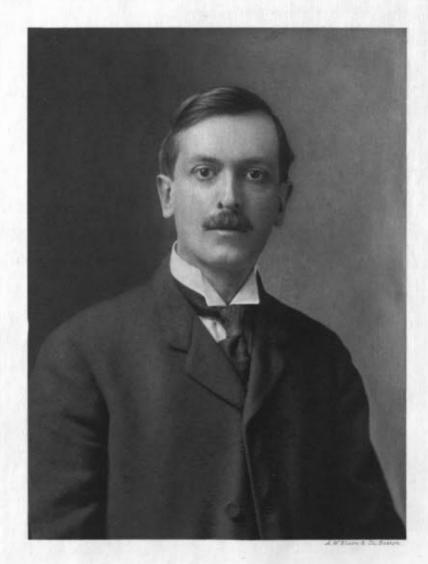
VOL. XXIII



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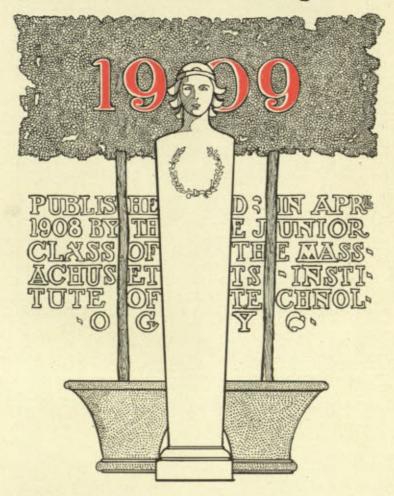


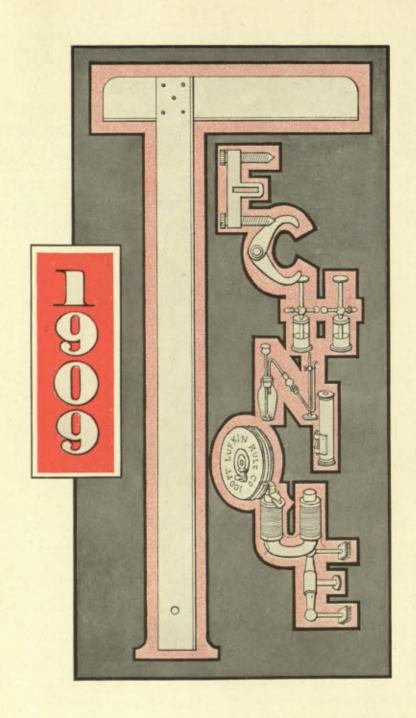




arthur a. Noyes.

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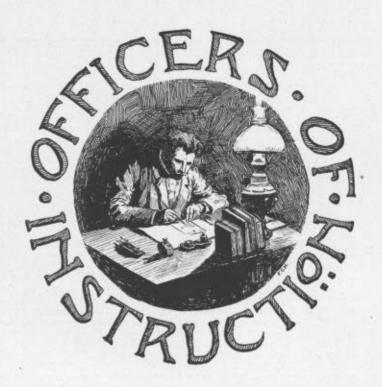
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Author of Railroad Curves and Earthwork, Field and Office Tables, Tables for Earthwork Computation, Railroad Engineering and Economics of Location, Roads and Road Building, Railroad Building with Reference to Economy in Operating, and several articles in engineering magazines.

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

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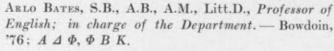
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Dana O. Bartlett.



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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 Patty's Perversities, The Pagans, A Wheel of Fire, Berries of the Briar, Sonnets in Shadow, A Lad's Love, The Philistines, Prince Vance, Albrecht, Book o' Nine Tales, A Poet and His Self, Told in the Gate, In the Bundle of Time, The Torch Bearers, Talks on Writing English, Talks on the Study of Literature, The Puritans, Under the Beech Tree, Love in a Cloud, Talks on Writing English, Second Series, The Diary of a Saint, and Talks on the Teaching of Literature.

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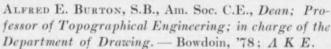
Author of Mars-la-Tour and Gravelotte, The Principles of Strategy, and Reminiscences of the Santiago Campaign.

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Land Surveyor, 1878-79; Topographical Draughtsman and Topographer on U. S. Coast and Geodetic Survey, 1879-82; Commissioner on Massachusetts Topographical Survey, 1895-1900; in charge of Scientific Expedition to Umanak, Greenland, summer of 1896; in charge of Eclipse Expedition to Washington, Georgia, May, 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.

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With Messrs. Ware & Van Brunt, Architects, 1864-66; Student in Paris, 1866-68; Assistant with Professor Ware at the Massachusetts Institute of Technology, 1869; Assistant Supervising Architect at Washington, 1870-73; in partnership with Mr. E. C. Cabot of Boston, 1873-88; 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.

Author of A Few Hints About Drainage (1888), Construction Details (1892), Notes on Limes, Cements, Mortars, and Concretes (1892); Editor of Municipal Architecture in Boston (1898), etc. & W (hander Residence, 195 Marlborough Street.



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Assistant in Physics, Massachusetts Institute of Technology, 1886–88; Assistant in Harvard College Observatory, 1887; Instructor in Theoretical Physics, Massachusetts Institute of Technology, 1888–95; Assistant Professor in Theoretical Physics, 1895–1902; Associate Professor of Theoretical Electricity, 1902–04; Professor of Theoretical Electricity from 1904; Member of American Institute of Electrical Engineers, American Academy of Arts and Sciences, Illuminating Engineering Society, National Electric Light Association, American Association for the Advancement of Science, Circolo Matematico di Palermo.

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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 Studies on the so-called Porphyritic Gneiss of New Hampshire, Palestine as Illustrating Geological and Geographical Controls, The Geology of the Northeast Coast of Labrador, Variolithic Pillow Lava from Newfoundland, The Geology of Ascutney Mountain, Vermont, The Accordance of Summit Levels among Alpine Mountains, The Classification of Igneous Intrusive Bodies, The Okanagan Composite Batholith of the Cascade Mountain System, The Limeless Ocean of Pre-Cambrian Time, and of many other brochures and bulletins on geological and petrographical subjects, published chiefly in the American Journal of Science, the Geographical Journal, the Journal of Geology, the Reports of the Canadian Geological Survey, and the Bulletins of the American Geographical Society.

Student at Heidelberg University, 1896-97; at University of Vienna, 1897; at Collège de France, 1898.

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

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Vice-President of the Society of Beaux-Arts Architects of America. Received first promotion at the Ecole des Beaux-Arts, 1882; many of the prizes at the Ecole des Beaux-Arts and Institut de France; received diplomas from Ecole des Beaux-Arts and Société centrale des Architects français; took part in the Concours de Rome four times, and classed first with title of First Second Grand Prix in 1899; Lauréat of the Institut de France; Lauréat of the Salon, first medal in 1900, hors concours, purchased by the government of France for the Luxembourg; Officier d'Academie; Officier de l'Instruction publique; Assistant Inspector of State Buildings and National Palaces, and under this title helped in the building of the new Ministry of Agriculture and Commerce, National Library, Bank of France, the mansion of M. Wilson and M. Grévy (ex-President), and various other public and private edifices.

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Author of a Syllabus on Political History since 1815 (1887); Graphic Statistics; Financial History of the United States, Third Edition; National Problems, a volume of The American Nation Series, etc.; Editor of Discussions in Economics and Statistics by Francis A. Walker, 2 vols. (1899); Contributor to Dictionary of Political Economy; Education for Commerce (1901); Contributor to the Literature of American History (1902); Author of Financial History of the United States (1903); Editor of Special Report, Employees and Wages, Twelfth Census of the United States.

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Author of Gas and Fuel Analysis for Engineers (1896), New Edition (1907), A Short Handbook of Oil Analysis (1897), New Edition (1905), Engine Room Chemistry (1907), and of numerous papers in scientific periodicals; Editor of a Register of Publications of the Institute (1862–93); First Supplement (1893–98).

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Author of Elements of Precision of Measurements and Graphical Methods, Physical Laboratory Experiments in Mechanics, Optics, and Heat, The Fundamental Laws of Electrolytic Conduction, and numerous papers on physical and chemical subjects.

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Author of The Metallurgy of Lead (1892-99), An Outline of the Metallurgy of Iron and Steel (1904), numerous papers on metallurgical subjects in the Transactions of the American Institute of Mining Engineers, the Engineering and Mining Journal, the Mineral Industry, etc.

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William Horgans.

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Lieutenant of Danish Navy, 1879–97; Commander from 1897; on the Technical Staff of the Copenhagen Navy Yard, 1886–89; sub-Director of Burmeister and Wains Ship and Engine Company, 1895–97; Member of the Danish Transit of Venus Expedition to St. Croix, 1882; Member of the Institute of Naval Architects, and of the American Society of Naval Architects and Marine Engineers.

Author of Submarine Boats, of two books on Physical Exercise, and of various scientific papers.

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Author of Text-books on Electro-magnetism and the Construction of Dynamos (1893), Electricity and Magnetism (1895); joint author of Alternating Currents and Alternating Current Machinery (1896); joint author of An Elementary Book on Electricity, and many technical papers.

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The Laccoliths of the Black Hills, Twenty-first Annual Report, U. S. G. S. The Economic Resources of the Northern Black Hills, Professional Paper No. 26, 1904, U. S. G. S. (jointly with Irving and Emmons). Absaroka Folio, U. S. G. S. (geologic map jointly with Arnold Hague). Articles on Geysers, Caribbean Volcanoes, Carbonic Acid Springs, in Pop. Sci. Mo., Am. Jour. Sci., Am. Nat.; on Synthesis of Minerals in Jour. Geol.; on Melonites (jointly with R. T. Jackson) in Bull. Geol. Soc. Amer.; on Pegmatite and on Ripple Marks in Am. Geol.; on Microschrometer, and on an instrument for inclining a preparation in microscope, in Am. Jour. Sci.; also in Jour. Roy. Microscop. Soc., and in Groth's Zeitschrift.

Student at Munich, 1894; at Heidelberg, 1895; geologist on "Dixie" to Martinique, 1902; in charge of work in South Dakota, Arizona, and Massachusetts; Leader of Geological Expedition to Aleutian Islands, 1907; Fellow of American Academy; Member of Boston Society of Natural History.

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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 (1885), and of many papers in Transactions American Society of Mechanical Engineers, Proceedings Society of Arts, Proceedings British Institution of Civil Engineers, Technology Quarterly, etc. Notes on Mechanical Engineering (1886), Notes on Friction (1887), etc.

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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.

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

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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.

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

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Student in the University of Nebraska, 1889–93; in the Universities of Leipzig and Göttingen, 1900–01; Instructor in Chemistry, Phillips Andover Academy, 1896–97; 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, from 1907.

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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.

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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., Professor of Steam Engineering.—M.I.T., '86, II.

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Author of a number of articles printed in the Transactions American Society of Mechanical Engineers, the Technology Quarterly, Machinery, and other Engineering papers, Steam Boilers (with C. H. Peabody), Waste Heat Engines (New England Waterworks Association, Engineering News, Engineering Record), Foreign Technical Schools.

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F. Jewett Moore, B.A., Ph.D., Assistant Professor of Organic Chemistry. — B.A., Amherst, '89; $X \Phi$; Ph.D., Heidelberg, '93.

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 from 1904.

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Engineering Positions: Master Mechanic, Champion Iron Mine; Mechanical Engineer, American Tin Plate Company; Draughtsman, Illinois Central R. R.; Rodman, Illinois Central R. R.; Masonry Inspector, Illinois Central R. R.; Draughtsman, Phænix Bridge Company; Draughtsman, Bucyrus Steam Shovel Company; Draughtsman, Western Electric Company.

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

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WILLIAM E. MOTT, S.B., Assoc. Mem. Am. Soc. C.E., Mem. Franklin Institute, Associate Professor of Hydraulic Engineering. — M.I.T., '89, I., $\Sigma \Xi$, $\Theta \Xi$.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1889–90; in business, 1890–92; Instructor in Civil Engineering, Cornell University, 1892–1900; Assistant Professor of Hydraulic Engineering, Cornell University, 1900–05; Principal Assistant to Engineer for Water Supply, Barge Canal Survey, State of New York, 1900; Associate Professor, 1905.

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Assistant in Chemistry, University of Cincinnati, 1887–88; Student at Leipzig University, 1888–90; 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.

Author of A Method for the Identification of Pure Organic Compounds, and various papers in scientific journals.

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Professor of Physical Geography, Massachusetts Institute of Technology, 1871–78; Professor of Geology and Geography, Massachusetts Institute of Technology, since 1878, Emeritus, 1902; Stated Lecturer on Geology, Wellesley College, 1882–88; Professor of Geology, Wellesley College, since 1888; President Boston Society of Natural History, 1892–97; President Appalachian Mountain Club, 1879, 1882, and 1898.

Author of various geological papers, published chiefly in Proceedings of Boston Society of Natural History and American Journal of Science.

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Charles L. Norton, S.B., Associate Professor of Heat Measurements. — M.I.T., '93, VI.; S.B., M.I.T., '93.

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

Contributed to various publications, 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.

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Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1887–88; Instructor, 1890–94; Assistant Professor of Organic Chemistry, 1894–97; Associate Professor, 1897–99; Professor of Theoretical and Organic Chemistry, 1899–1902; Professor of Theoretical Chemistry from 1902; Director of the Research Laboratory of Physical Chemistry from 1903; acting President from 1907.

Author of A Detailed Course of Qualitative Analysis, General Principles of Physical Science, Laboratory Experiments on the Class Reactions and Identification of Organic Substances, and many articles in scientific journals.

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George A. Osborne, S.B., Walker Professor of Mathematics. — Harvard S.S., '60.

Assistant Professor of Mathematics, U. S. 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.

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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.

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Leonard M. Passano, A.B., Assistant Professor of Mathematics.—Johns Hopkins University, '89; A.B., Johns Hopkins University, '89.

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.

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With the Western Union Railroad, 1878; 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 Notes on Governors and Fly-Wheels (1885), Notes on Valve Gears (1887), Thermodynamics of the Steam Engine and other Heat Engines (1889), Second Edition (1898), Third Edition (1907), Tables of the Properties of Saturated Steam (1888), Recomputed and an Entropy Table added (1907), Valve Gears for Steam Engines (1890), Steam Boilers (1897, with E. F. Miller), Papers to Scientific Societies, Manual of the Steam Engine Indicator (1900), etc.

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Henry G. Pearson, A.B., Associate Professor of English. — Harvard, '93, $\Theta \Xi$, $\Phi B K$.

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

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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.

Author of occasional papers in the technical journals upon sewage purification and the chemistry of water and sewage.

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DWIGHT PORTER, Ph.B., Am. Soc. C.E., Professor of Hydraulic Engineering. — Yale S.S., '80; Berzelius Society.

Special Agent, Tenth Census U. S., 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, Portions of Vols. XVI and XVII, Tenth Census U. S., Reports on Water Power, Water Power Streams of Maine, in Nineteenth Annual Report of the U. S. Geological Survey, Notes on Stereotomy and Warped Surfaces, etc.

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Chemistry. — Harvard University, '69.

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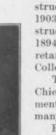
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THOMAS E. POPE, A.M., Professor of Inorganic

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-



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 from 1903; Instructor in Botany, Boston University, 1903; Secretary Class of 1894; Vice-President, Society of American Bacteriologists; Secretary, Society of Arts; Instructor in Bacteriology, Simmons College, 1903-05.

Translated Effront's Enzymes and their Applications, 1901; Chief Author of Science and Experiment in Canning, 1903; Elements of Water Bacteriology (with C.-E. A. Winslow), 1904; and many articles relating to sanitary and industrial bacteriology.

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> Assistant in Chemistry, Massachusetts Institute of Technology, 1868-69; Instructor in Assaying and Qualitative Analysis, 1869-70: Assistant Professor of Analytical Chemistry, 1870-71; Professor of Mineralogy and Assaving, in charge of the Mining and Metallurgical Laboratories, 1871-72; Professor of Mining Engineering, 1873-84; Secretary of the Faculty, 1878-83; Professor of Mining Engineering and Metallurgy from 1884; President of the M.I.T. Alumni Association, 1873-76; President of the American Institute of Mining Engineers, 1886-87.

> Author of Ore Dressing (1903) and of many papers, chiefly on Ore Dressing, published in the Transactions of the American Institute of Mining Engineers, in the transactions of various other engineering societies, and in the Mineral Industry. Inventor of several machines for the concentration of ores, chiefly in the line of classification by water.

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ARTHUR G. ROBBINS, S.B., Associate Professor of Topographical Engineering. — M.I.T., '86, I.; S.B., M.I.T., '86.

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 from 1906.

Author of several articles in Technology Quarterly, An Elementary Treatise on Plane Surveying and Navigation.

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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.

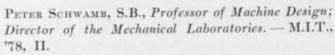
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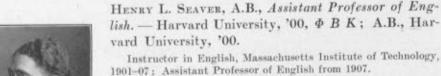
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Graduate Student, Massachusetts Institute of Technology, 1878–79; Draughtsman, Howe Scale Co., Rutland, Vt., 1879–80; Draughtsman, Hinkley Locomotive Co., Boston, 1880–83; Instructor, Massachusetts Institute of Technology, 1883–84; Assistant Professor,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

Author of Notes on the Elements of Mechanism (1885), Notes on Gearing (1888), Elements of Mechanism (1904), with Professor Merrill, etc.

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Instructor in Physiological Chemistry, Sheffield Scientific School at Yale University, 1878–79; 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; Biologist, State Board of Health, 1888–96; Chairman, Pauper Institutions Trustees, City of Boston, 1897–99; Curator, Lowell Institute, since 1897; President American Society of Naturalists, 1901, etc.

Author, General Biology (1886), New Edition (1895); Assistant Editor, Life and Letters of William Barton Rogers, 2 vols., 1896; Author, Principles of Sanitary Science and the Public Health, 1902; of numerous reports to the State Board of Health of Massachusetts on Epidemics of Typhoid Fever Caused by Infected Water, Milk, etc.; various scientific memoirs and monographs, addresses on education, etc.

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Associate member of the American Institute of Electrical Engineers, and of the American Street and Interurban Railway Association; member of the Illuminating Engineering Society, the Society for the Promotion of Engineering Education, and the National Electric Light Association.

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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.

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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.

Author of reports on the photographic work of these expeditions, and of various articles on electrical subjects.

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George F. Swain, S.B., Mem. Am. Soc. C.E., Hayward Professor of Civil Engineering; in charge of the Department of Civil and Sanitary Engineering.—M.I.T., '77, I.

Student in Germany, 1877–80; Expert on Tenth U. S. Census, 1880–83; Instructor in Civil Engineering, Massachusetts Institute of Technology, 1881–83; Assistant Professor of Civil Engineering, 1883–87; Associate Professor, 1887–88; Professor from 1888; Engineer of Massachusetts Railroad Commissioners from 1887; Member Boston Transit Commission since 1894; ex-President Boston Society of Civil Engineers; ex-President of the Society for the Promotion of Engineering Education; Director American Society of Civil Engineers, 1901–04.

Author of Report on Water Power of Atlantic Slope, Notes on Hydraulics and on Theory of Structures, numerous reports on Railroad Bridges, Brake Equipment and other subjects, in the reports of the Massachusetts Railroad Commission, and many papers on Engineering subjects, published in the Transactions of American Society Civil Engineers, Proceedings New England Water-works Association, Technology Quarterly, Proceedings Society of Arts, Journal Franklin Institute, Journal of the Association of Engineering Societies, etc.

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Author of On the Dielectric Constant of Liquid Ammonia, Studien zum Siencens'schen Kupfergewinnungs-Process, Free Energy of some Halogen Compounds.

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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 (1890), Notes on the Action of Hybromic and Hydriodie Acids on Tiglic Acids (1891), An Index to the Literature of Angelic and Tiglic Acids from 1842 to 1892, Notes on the Properties of Hydrogen Peroxide Solutions (with H. R. Moody), An Introductory Course of Quantitative Chemical Analysis (1897), A Bibliography of the Analytical Chemistry of Manganese (with John W. Brown) (1902), The Recorded History of the Members of the Argon Group (1902), and other Chemical Papers.

Residence, 273 Otis Street, West Newton.

Frank H. Thorp, S.B., Ph.D., Assistant Professor of Industrial Chemistry. — M.I.T., '89, V.; S.B., M.I.T., '89; Ph.D., University of Heidelberg, '93.

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), A Review of Some Improvements in Chemical Industry (1896), Inorganic Chemical Preparations (1896), Outlines of Industrial Chemistry, second edition (1905).

Residence, 200 Mt. Vernon Street, West Roxbury.

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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, The Application of Determinant Theorems to a Particular Case, Ueber die Sylvestersche und die Bezoutsche Determinanten, Technological Education in the United States, The Educational Work of Francis A. Walker, The Relation of the School of Technology to General Education, etc.

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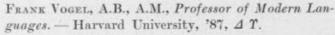
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Professor of Modern Languages, Mitchell's Boys' School, Billerica, Mass., 1887–88; Instructor in Modern Languages, Massachusetts Institute of Technology, 1888–92; Assistant Professor of Modern Languages, 1892–1900; Associate Professor, 1900–04; Professor from 1904; Graduate Student in Germanic Philology at Harvard University, 1888–92; Director of Modern Languages in the Normal Summer School of Languages and Science, Normal, Ill., 1890–92; Student in Germanic and Romance Philology, Heidelberg, Germany, 1893–94; Member of Boston School Committee, 1901–04; Instructor in German, Simmons College, 1902.

Editor and Annotator of Chamisso's Peter Schlemihl's Wundersame Geschichte, Hauff's Lichtenstein, Storm's Geschichten aus der Tonne, A Scientific German Reader, and other publications. Residence, 95 Robinwood Avenue, Jamaica Plain.



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WILLIAM H. WALKER, S.B., Ph.D., Φ K Σ , Professor of Industrial Chemistry. — S.B., Pennsylvania State College, '90; Ph.D., Göttingen, '92.

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 from 1902–05; Professor from 1905.

Author of Neue Beobachtungen fiber das Verhalten der Sesquiterpene, Concentration Changes in the Electrolysis of Brine; Industrial Preparation of Electrolytic Bleaching Liquor, and occasional other scientific papers.

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CHARLES H. WARREN, Ph.B., Ph.D., Assistant Professor of Mineralogy. — Ph.B., Yale, '96; Ph.D., Yale, '99, 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.

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Webster Wells, S.B., Professor of Mathematics.—M.I.T., '73, 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.



Webster Wells

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Fred Wheeler

EDWIN B. WILSON, A.B., Ph.D., Associate Professor of Mathematics. — Harvard, '99; A.B., Harvard University, '99; Φ B K; Ph.D., Yale University, '01.

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'Ecole Normale Supérieure, Collège de France, and la Sorbonne, 1902–03.

Author of numerous reviews and original articles mainly in the general field of geometry, published in various scientific journals.

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Charles-Edward Amory Winslow, S.B., S.M., Assistant Professor of Sanitary Biology; Biologist in charge of the Sanitary Research Laboratory and Sewage Experiment Station. — M.I.T., '98, VII.; S.B., M.I.T., '99, S.M.

Assistant Health Officer, Montclair, N. J., 1898; Assistant in Engineer's Office, Massachusetts State Board of Health, summers of 1899–1902; Assistant in Biology, Massachusetts Institute of Technology, 1899–1901; Instructor, 1901–05; Assistant Professor, 1905.

Author of Elements of Water Bacteriology (with S. C. Prescott), and Elements of Applied Microscopy; also of technical papers on the bacteriology of water and ice, the purification of sewage and the etiology of typhoid fever.

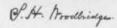
Residence, 157 Walnut Street, Brookline.



S. Homer Woodbridge, A.M., Associate Professor of Heating and Ventilation. — Williams College, '73.

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

Residence, 281 Otis Street, West Newton.





Frederick S. Words.

Frederick S. Woods, A.B., A.M., Ph.D., Professor of Mathematics. — Wesleyan University, Ψ T, Φ B K; A.B., Wesleyan, '85; A.M., Wesleyan, '88; Ph.D., Göttingen, '94.

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

Author of Ueber Pseudominimalflächen, 1895; Plane and Solid Analytic Geometry (with Professor Bailey); Boston Colloquium Lectures on Forms of Non-Euclidean Space; A Course in Mathematics (with Professor Bailey); Papers in Mathematical Journals; Editor of Annals of Mathematics.

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Percival Lowell, A.B., Non-resident Professor of Astronomy.

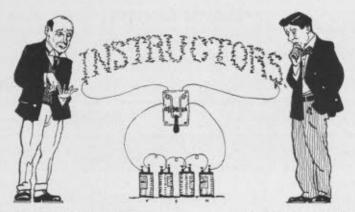
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WILLIS R. WHITNEY, Ph.D., Non-resident Professor of Theoretical Electricity.



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[43]

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JUSTUS ERHARD, A.B.	431 Marlborough St.
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Instructor in Physics	
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그래 가는 아이를 가지 않는데 그 아이들이 가는 수 있는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하	
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	344 Brookline St., Cambridge
George W. Rolfe, A.M.	544 Brookine St., Cambridge
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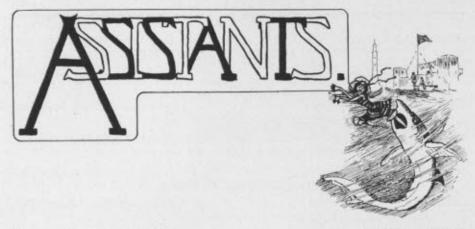
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Paul S. Fiske, A.B.

Assistant in Inorganic Chemistry
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18 Atlantic St., South Boston

41 Hemenway St.

214 Columbus Ave.

77 Montview St., West Roxbury

62 Taylor St., Waltham

11 Kearsarge Ave., Roxbury

122 Brooks St., West Medford

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ROYAL R. HEUTER, S.B. Assistant in Mechanical Engineering	49 Prairie Ave., Auburndale
Angelo T. Heywood, S.B. Assistant in Mining Engineering an	19 Greenwood St., Greenwood
HERBERT P. HOLLNAGEL, S.B. Assistant in Physics	186 Hamilton St., Dorchester
Clarence D. Howe, S.B. Assistant in Civil Engineering	43 Stearns St., Waltham
Ralph G. Hudson, S.B. Assistant in Electrical Engineering	Technology Chambers
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 Assistant in Mechanical Engineering
- Hermann W. Mahr, S.B.

 Research Assistant in Technical Chemistry
- Kenneth Moller, A.B., S.B.
- Assistant in Mechanical Engineering Bryant Nichols, S.B.
- Assistant in Mechanical Engineering
- Carlton B. Nickerson, A.M.
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- John F. Norton, S.B.

 Assistant in Industrial Chemistry
- Octavus L. Peabody, S.B.

 Assistant in Analytical Chemistry
- Frank B. Shields, S.B.

 Assistant in Technical Analysis
- Edmund H. Squire, S.B. Assistant in Physics
- Elliot W. Taylor, B.S.

 Assistant in Mechanical Engineering
- George B. Thomas, E.E.

 Assistant in Electrical Engineering
- John J. Thomas, S.B.

 Assistant in Mechanical Engineering
- George F. White, S.B.

 Assistant in Organic Chemistry
- Harold S. Wonson, S.B.

 Assistant in Naval Architecture
- RICHARD G. WOODBRIDGE, JR., S.B. 19 Prospect Hill Ave., West Newton Research Assistant in Organic Chemistry

- 44 Irwin St., Winthrop Beach
 - 179 Heath St., Roxbury
- 40 Oakland Road, Brookline
 - 148 Fremont St., Everett
 - 37 St. Botolph St.
- 132 Woodland Road, Auburndale
 - Technology Chambers
- 43 Waban Hill Road, Chestnut Hill
 - 16 Washburn Ave., Auburndale
 - 101 Beach St., Wollaston
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Frederick A. Woods, M.D., Theoretical Biology

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- Roger D. Gale, S.B.

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- Assistant
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 Assistant

41 Princeton St., East Boston

Arthur A. Noves

RTHUR A. NOYES was born at Newburyport, Massachusetts, on September 13, 1866. His father was a lawyer, engaged in legal practice in that city. The son was educated at the Grammar Schools and at the High School of that city. One of his earliest interests was in railroading, and as a boy he delighted in the planning of new lines of railroad throughout New England, and in the making out of schedules for the running of trains upon them. The position of train despatcher seemed at that time the goal of his ambition. In the early years of his High School course, partly through the study of physical geography, he became much interested in nature study, especially in minerals, and in birds and their nests and eggs, and he and a schoolmate of his were granted a permit for the collection of the birds' nests by the Boston Society of Natural History. This led him to spend much time out of doors in the woods and country. He also took pleasure in boating on the Merrimac River, and early owned a small sail-boat, which he bought from the proceeds of a paper route and of his services in making office fires. While in the Grammar School he began the study of Latin under the direction of his father, and this was continued to the end of his High School course. He also was led to do much literary and historical reading. He early took a liking to poetry and declamation, and enjoyed the discussion of political questions, which was greatly promoted through the organization of a High School de-[54]

bating society. He took, however, no great interest in his studies until his third year in the High School, when he took a course in chemistry, which was given with lecture-table experiments but without laboratory work. He soon became absorbed in this subject, fitting up a crude laboratory in the attic of his house, in which he and a classmate (S. P. Mulliken, now a professor at the Institute) worked through the laboratory experiments in inorganic chemistry and qualitative analysis given in the first year of the Institute course.

He completed the High School course and passed the entrance examinations to the Institute in 1882, but did not attend till one year later, largely owing to lack of means. The intervening year was spent in study by himself and work in his home laboratory upon the subjects given in the first year at the Institute. then entered upon the second-year work of the course in chemistry, and completed this in three years with the class of '86. During the intervening summers he worked at selling books, at taking photographs, and as a private chemical assistant. After graduation he returned to take an advanced course in organic chemistry, and received the degree of Master of Science in 1887. He was made Assistant in Analytical Chemistry for the following year, and given charge of the second-year class in qualitative analysis. In 1888 he went to Leipsic, Germany, to study, upon a fellowship provided by the Wheelwright Fund of Newburyport, by which he had also been assisted to meet his school expenses at the Institute. In Germany he worked for the first year under Professor Wisliscenns at a research in organic chemistry; but, as a result of attending Professor Ostwald's lectures on the newly developed subject of physical chemistry, he became much interested in that subject, and devoted the second year of his stay in Germany to study and research in it under Professors Ostwald and Nernst. During his stay abroad the vacations were devoted to travel in Germany, Holland, Switzerland, and Italy, and to visits to Paris and London. In 1890 he received the degree of Doctor of Philosophy from the University of Leipsic.

In September, 1890, he returned to the Institute as Instructor in Analytical Chemistry. During the next two years he prepared a text-book upon that subject, especially for the use of the Institute classes. In 1892 he was transferred to the laboratory of organic chemistry, where, as Instructor, Assistant Professor (1894), Associate Professor (1897), and Professor (1899) of Organic Chemistry, he continued till 1902. During this period he published with Prof. S. P. Mulliken an experimental book on the "Class Reactions and Identification of Organic Compounds," whereby a new method of laboratory instruction in that subject was introduced. Besides making a number of scientific investigations in organic chemistry, he worked out with Dr. W. R. Whitney (M.I.T., '90) a technical process for the recovery of alcohol and ether in cases where these substances are used as solvents in manufacturing operations and are subsequently evaporated into the air; and they together constructed a plant for this purpose in connection with the works of a large company manufacturing photographic materials in western New York. technical work was undertaken by him in the hope of securing the means to enable him to devote himself more fully to research work, and to employ assistants and acquire facilities for that purpose; for from his entrance to the Institute as a student the pursuit of scientific investigation has been his main aim.

During these years much of his spare time, especially that in the summers, was devoted to researches in theoretical chemistry; and he gradually took charge of the Institute courses of instruction in that subject, relinquishing those in organic chemistry. He published in 1902 a work introductory to that science entitled the "General Principles of Physical Science."

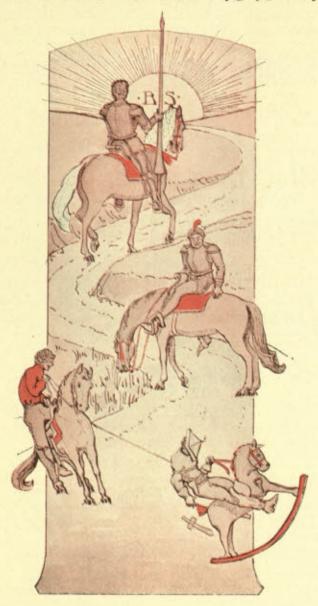
In 1903, upon his initiative, the Research Laboratory of Physical Chemistry was established, in which at present fifteen workers are engaged in investigations upon the general principles relating to the physical properties of chemical substances and the rate and equilibrium of chemical reactions. From 1903 to 1907 he acted as Director of that laboratory, being at the same time Professor of Theoretical Chemistry.

His scientific work has received recognition through his election to the presidency of the American Chemical Society in 1904, and to membership in the National Academy of Sciences in 1905; also through a series of grants, aggregating about twelve thousand dollars, for the promotion of his researches, from the Carnegie Institution of Washington and from the American Academy of Arts and Sciences.

During the past ten years he has also taken much interest in educational problems, especially those presented at the Institute, and has written a number of articles on this subject for the Technology Review, in which he has urged the maintenance and development of the educational plan of the Institute as one affording a many-sided training rather than a merely technical one. In these articles, and as a teacher in his own subjects of instruction, he has striven for the principle of subordinating the imparting of knowledge to the giving of a training in thought,

originality, and scientific method. In April, 1906, he was elected Chairman of the Faculty, and in July, 1907, he became Acting President of the Institute, relinquishing for a time most of his scientific work, so that opportunity might be afforded for securing the most suitable person for the permanent occupancy of the position.

THECLASSES

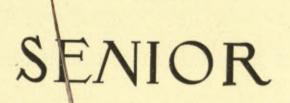


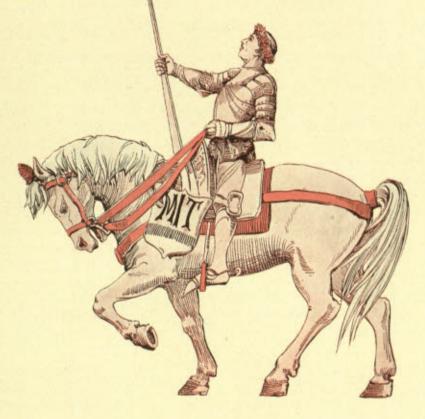
[59]



HE CLASSES

HERE COMES THE MIGHTY SENIOR IN HIS GLORY, SERENELY FARING TOWARD HIS SPLENDID GOAL. BEHIND HIM, HURTLING, COMES THE DASHING JUNIOR WITH THIRST FOR GLORY BURNING IN HIS SOUL; AND THEN THE SOPHOMORE OF MANY TROUBLES, INCURRED IN RECONCILING "WORK" AND "WAR"; WHILE BRINGING UP THE TAIL OF THE PROCESSION THE FRESHMAN — ALL HIS WORRIES STILL IN STORE.







1908



[61]

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Letters from a 1908 Man

DEAR POP:

'VE got quite a bunch of things to tell you about Tech, and some of them are mighty queer things, but the queerest thing I've struck vet is a guy who's just entered Tech along with me. He wears a hairy old suit with a 2-inch check all over it, and large square shoes that beat the Educators for style, and a little tuft of feathers on his upper mandible that was trimmed out fit to kill. When I caught sight of him I made a 10 to 1 bet he was English, and just to satisfy my curiosity I goes up and says to him: "Say, I guess you're the Mr. Williams I 've been looking for. How's every little thing?" He stares round at me and then says slowly: "I fahncy there must be some mistake somewhere. I am Lord Montmorency de Oglethorpe." "Is that so? Mighty glad to make your acquaintance, Mr. Oglethorpe." Guess I slipped up on the Mr., but I could n't swallow a Lord all at once, and reckoned I'd take him by degrees. Had quite a chin with him, and then we went up to the class meeting. Soon as we got inside the Hall they started hollering: "Take off that hat, take off that hat!" "Take off your Derby, Monty," I whispers. "Oh, by Jove! I clean forgot I'd got my bowler on," and he hauls it off. All at once the fellows gave a rousing 1908 cheer. "I say, me good fellow, what are they getting so angry about?" "Angry? Why, you crazy gazebo, that is—er — your royal lordship, they're cheering for the glorious class of 1908. You're 1908 yourself, Monty, do some rooting on your own hook." You may not believe me, Pop, but he started kicking the seat in front of him, and then said he thought I told him to root. There were a lot of things I had to explain to him before we got through, - that he'd better vote for Mc-Guigan because he was the tallest man up for president; that

the class was governed by a constitution, not by rules and bye-laws; that the Dean did n't have to be an Episcopalian minister; that you'd better remove your "bowler" when Prexy came along, but you did n't have to, unless you wanted, when Walter H. shambled past; and that "six and thruppence haypny" would buy you "The Tech" for the year. So-long till next time.

DEAR POP:

Monty and I have just been to Field Day. Great doings, I can tell you. Monty thought the football was "a beastly bore" compared to English "socker, which was a perfectly ripping game." But he enthused to beat the band at the relay, and on the last lap, when Tommy Orr ran his splendid race against Richards, he shouted so hard that his monocle fell out and smashed on the grandstand. "Bother the bally thing!" was the limit of his vocabulary, and he never thought to apply to me for more spicy expressions. We had a bag of peanuts between us. I guess he'd never seen them before, because he started munching them, shell and all, and I saw it was quite a task for him to swallow them. "Thanks awfully, old chap; I won't have any more just now. I don't think it 's advisable to eat between meals." Then I put him wise, and after that he certainly did dig in wholesale. He acted nutty the rest of the day, but he often does that.

DEAR POP:

We're pretty near through the year now, and still alive to tell the tale. Monty is improving, but he has a lot to learn yet. He has a pile of trouble with his clothes. I told him to go and have a crease put in his pants. "A crease put in my — You rude person!" he exclaimed, and then he caught on, and agreed to have his trousers pressed. He's scared blue at George in Analyt, but thinks Arlo is a peach when he lectures about the racial environ-

ments that wrought to produce the immortal Shakespeare, the greatest concatenation of humanitarian circumstances that ever paraded the bard-inspired banks of the Avon, or some such piffle. Pop, it strikes me that any one who can read Shelley's "Ode to a Skylark," and enjoy it more each time, is an effeminate mut; but Monty goes quite batty about it. When it comes to Descript or Chemistry, though, your little Willie's right there with the berries, and Monty has to take a back seat.

DEAR POP:

Back at the Tech on Boylston St., but, thank the Lord, not in our dinky uniforms any longer. Monty missed all that, you know, and the fun between Billy Given and the Major. Megaphone Carter and Dolke are at it again; so is Put, but Put's there just for the love of the thing. These Freshmen get on my nerves, Pop; they got on Monty's too a few nights ago. There was a bit of a scrap by the Chambers, and Monty thought he'd see what was doing. Result was he got caught, and they dyed one-half of his whiskers green, leaving the other half its own natural auburn. His Lordship could n't see the joke, and thought they were "a jolly rotten lot of Freshers" (this last word he got from Oxford). 1909 are a hot bunch all right, all right; they had to pinch our ice cream to keep their heads cool. Never mind, Field Day's coming, Monty's got another glass eye, and I guess we'll show them a thing or two.

DEAR POP:

We showed them. When George made his great run for a touchdown, even Monty woke up: "By George! that's simply extraordinary, you know. Jolly well played, George!" Somebody back of us said, "I'll bet George lost five pounds on that run. "Five pounds," says Monty, thoughtfully; "twenty-five dollars! I say, that's an awful lot to lose on one run." There

was some kind of a mistake in the tug-of-war; but the relay race—oh, say, back up, there was n't anything to it. We just ran rings around them, and broke the tape in record time. Gee! it was great. Monty was so enthusiastic about it all that he said he wanted to get into athletics, but he did n't think he could run or jump. I told him there was a potato race at the Indoor Meet (I'd seen it in old Techniques, and knew you could stuff Monty on anything). "What you do, Monty, is to see how quickly you can eat ten roasted potatoes." "By Jove! I should think the beastly things would be excessively indigestible. However, one can but try." "One" tried all right. "One" has been practising every evening at his room, and says he can do the ten in two minutes now, and is confident of success. You certainly can stuff Monty.

DEAR POP:

Monty wants me to tell you how that he certainly did have a corking fine time with you and the family at midvears. "Willie." he says, "tell your Payter (that's you, Pop) what a jolly decent time it was, don't you know; really, the whole vac. was simply ripping." Coming back on the train I felt like trying Monty with some kind of a gag, so when we passed by a field with a havcock in one corner I exclaimed, "Look, Monty, there's a bear's nest; watch out for the bear!" His eyes bugged out, and he stared at that thing till it was out of sight. Monty gave up athletics before the Indoor Meet came, but he's joined the chess club now; says he's getting in splendid training. They have a dual meet with Harvard to-morrow: did you ever hear of anything so footless? Monty's all to the good in a pawn game. So shall I be, Pop, if you can't see your way to letting me have some of next month's in advance. What with Charlie Adams and Maclachlan on one side and Bill Adams on the other, the poor man has a poor time at Tech.

DEAR POP:

Ahem! Now that we have attained years becoming to a Junior and an upperclassman, it is fitting and proper that we should shelter under our paternal wing those misguided lambs whom Fate hath sent hitherwards. How's that? Guess advanced composition with Molly Pearson is n't all to the mustard, no? All which means that 1910's getting rushed right off its feet, and with a little help from Us may come on in the world. Monty's just discovered a friend in disguise. He didn't like Electrical Engineering worth a cent, so he went to see Harrison W. about it. He got to the office about 5 o'clock in the afternoon, and there was "Hot-wire" brewing a pot of tea over an electric stove. Old Monty's mouth began to water, and when he got a bid to the tea-fest, there was n't anything else to it. He swapped experiences with Hot-wire, and departed a firm friend and supporter of the great lecturer.

DEAR POP:

Say, Junior Week certainly is the greatest thing that ever came along the pike. You know the queen I had come from Chicago. Maybe we didn't have a pretty lively time, all right. Monty missed all the fun, silly chump. Fact is, he's scared green at American girls, and will run at the first sight of one. Wonder whether all Englishmen are like that? He got sore at me when I asked him, and wanted to know if all Americans were such confounded fussers as I was. I told him they'd like to be, but didn't all get the chance. Monty means well, but he's way off the track on some subjects.

DEAR POP:

Midyear's over, and me and Monty still here, though the Lord only knows how we did it. Now we're up against it with our thesis. Monty has been to five or six Profs. already, and none

of them will approve any subject he suggests, or give advice for new subjects. Getty referred him to Professor Schnitzenfuss, chairman of Committee Q, of the American Society for the Prevention of Cruelty to I Beams, and said he'd better go down to New York and talk with him first. In Jaggar's office the first thing that met his eye was a placard with "Be Brief" in large capitals upon it. Now you know how Monty beats all around the bush before he gets at the point, and that did n't suit Jaggar, so out of the door goes Monty, feeling even smaller than he did when he went in. Then Swain informed him that he was a blockhead, and never would know anything anyway, and Monty's beginning to believe him. Finally he came to me for encouragement, and I said that Miller was the man to go to. So Monty thought up a few more subjects for investigation and presented them to the great monologist in a last despairing hope. Sure enough, Miller agreed to everything, and approved the whole bunch all at once. Now, Monty's worrying to know which one to choose.

Well, Pop, I certainly am glad that I came to Tech, and especially that I came with 1908. As Monty says: "1908 is a jolly fine class, by Jove! We carnt beat that in England. Three cheers for 1908!"

JUNIOR





1909



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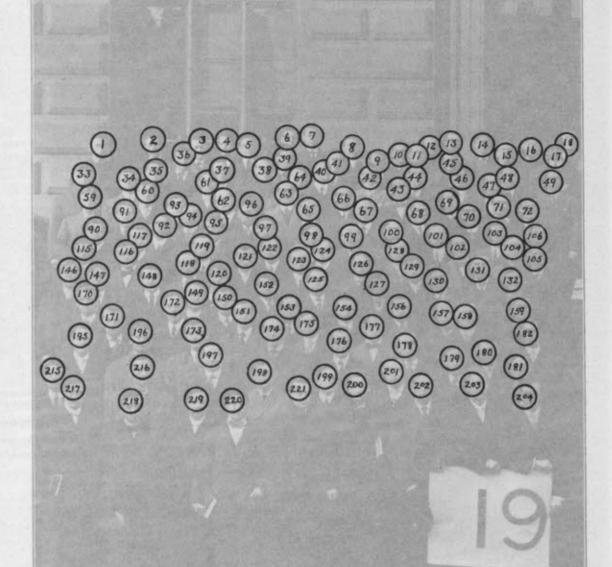
K. D. GODFREY

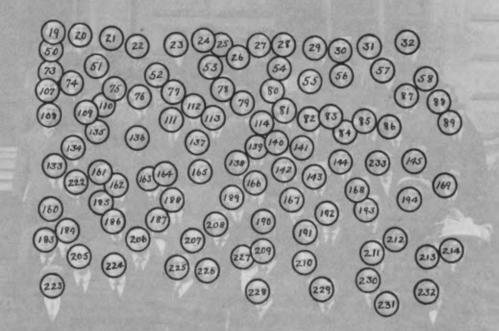
P. M. Wentworth

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34	Adams, E. Q. Allen, R. H.
224	Allen, R. H.
220	Alternisene S
91	Anderson, P. G. W. Applin, F. D. Atherton, T. H. Ayres, R. S.
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54	Atherton, I. II.
193	Avres R S
	Babcock, Miss E. B. Bailey, G. W. Ballard, H. F.
212	Babcock, Miss E. B.
35	Bailey, G. W.
109	Delland H E
100	Danard, H. F.
140	Barnett, S. F.
187	Boors L. G.
	Ballard, H. F. Barnett, S. F. Beers, L. G. Belcher, D.
106	Belcher, D.
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	Bettington, E. M. Black, T. B. Blair, F. P. Blake, Miss G. M.
40	Bettington, E. M.
130	Black, T. B.
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22	Blair, F. P.
214	Blake, Miss G. M.
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0.1	Blankenbuehler, R.
137	Block, H. T.
180	Blood, K. T.
100	Diood, It. I.
157	Boardman, W. E.
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100	Bowman, B. A.
133	Bowman, B. A.
85	Brown, C. J.
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2	Bullens, D. K.
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162	Burgher, S. L.
184	Cacicedo, L. Campbell, C. L. Campbell, K. J.
177	Campbell, C. L.
211	Campben, C. J.
233	Campbell, K. J.
10	Cartagena, N. M.
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127	Chapman, E. P.
120	Chapman, L. D.
104	Clarifornian, 25. Cl
124	Chapman, T. G.
165	Chinchilla, K. P.
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186	Campbell, K. J. Cartagena, N. M. Chapman, E. P. Chapman, L. D. Chapman, T. G. Chinchilla, K. P. Christie, J. A. Clifford, W. W. Cloudman, H. C.
99	Clifford, W. W.
190	Cloudman, H. C.
	Croudinan, At. C.
221	Coleman, N. L.
2	Colson, H. C., Jr.
222	Clifford, W. W. Cloudman, H. C. Coleman, N. L. Colson, H. C., Jr. Comins, A. K. Connolly, E. L. Cook, H. M.
222	Comins, A. A.
62	Connolly, E. L.
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175	Davis, J. F. Dawes, C. L.
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179	Dewey, B. Dewey, F. A.
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19	Dickerman, A. L.
07	Doane, R. E.
27	Doane, R. E.
205	Dort, J. C.
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	Dunnington, F. H.
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232	Dunkel, C. A.
232 185	Dunnington, F. H. Dunkel, C. A. Dwight, C. W. Eaton, W. I.
200	Lywighte, C. W.
228	Eaton, W. I. Eddy, L. C.
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	Elbert, J. J. Ellis, R.
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101	Ellis R
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195	Emerson, G. I.
211	Faulkner, F. R.
100	Emerson, G. I. Faulkner, F. R. Fellows, R. H. Ferguson, W. C.
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39	Ferguson, W. C.
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201	Fick W G
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148 Gammons, C. W.
44 Gaynor, K. C.
43 Gibbs, D. W.
53 Gidley, H. T.
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53 Gordon, W. S., Jr.
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235 Harishorn, D. S.
74 Harrub, C. N.
153 Harishorn, D. S.
75 Hastings, R.
45 Havens, H. L.
149 Haynes, D. G.
160 Haynes, G. A.
151 Hamilton, E. R.
252 Heard, F. C.
76 Heidelberg, F. M.
229 Henderson, A. B.
298 Herold, A. F.
291 Hensey, M. D.
128 Heard, F. C.
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128 Hoper, E. J.
131 Howe, E. S.
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133 Jacobs, C. D.
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164 Jenkins, W. B.
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169 Jones, W. F.
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176 Keellog, M. G.
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177 Keathes, G. L., Jr.
178 Lasnier, G.
179 Keye, C. W.
179 Lang, H. L.
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171 Loud, F. M.
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178 Kyle, C. W.
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1909 Class Picture

NUMERICALLY ARRANGED

1 J. L. Richards 2 D. K. Bullens 3 H. C. Colson, Jr. O. L. Throckmorton G. A. Joslin R. Hastings 8 A. E. Thornley 9 J. A. Willard 10 N. M. Cartagena 11 L. R. Forrest 12 J. Schaaf 13 A. L. Shaw 14 B. H. St. John B. H. Se. L. Lee N. B. Gregory J. H. Critchett A. L. Dickerman A. L. Dieke. H. S. Pardee L. C. Eddy 19 20 21 22 24 25 H. S. Paroe.
L. C. Eddy
F. P. Blair
M. J. Turnbull
S. S. Bundy
A. G. Kellogg
R. E. Doane
S. E. G. Luening
M. Flagg
D. E. A. Hunt
J. W. R. Reilly
2 V. C. Grübnau
S. R. V. L. Zahner
L. E. Q. Adams
G. W. Bailey
M. H. Foss
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M. K. Weill
J. J. Elbert
W. C. Ferguson
E. M. Bettington
E. M. Loring
C. J. Belden
H. Y. Frost
K. C. Gaynor
H. L. Havens
K. Madenigian
A. L. Moses 37 38 40 41 42 43 44 L. Moses E. Young B. Lord 47 48 A. K. Mitchell B. R. Fuller H. T. Gidley T. H. Atherton F. D. Applin 51 52 53 H. Atherton D. Applin
C. Glaney
L. Smith
H. Marshall
D. Hersey
P. Whipple 55 56 Ř. 58 R. E.
E. L. Con.
F. A. Tillard
D. W. Phelps
F. H. M. Cook
L. R. Soule
G. Taite
Nichol E. Blankenbuehler 61 Connolly Tillard 62 63 64 85 66 RT H. Nichols **BR** 69 T. B. Sun Morrill A.R. 70 E. Schatz
. G. Fick
. S. Gordon, Jr.
N. Harrub
J. Menzinsky
M. Heidelberg 75 76 77 H. L. Lang 78 G. M. Gadsby 79 M. E. Kelley Lang Gadsby

80 W. F. Wells
81 J. E. James
82 L. H. King
83 D. W. Gibbs
84 B. W. Pepper
85 C. J. Brown
86 F. L. Robeson
87 F. H. Dunnington
88 J. Matte
89 C. L. Pepper
90 E. E. Wells
91 P. G. W. Anderson
92 W. H. Jones
93 L. C. Shaw
94 T. DeV. Martin
95 A. F. Jackson
96 L. D. Nisbet
97 J. F. McCarthy
98 A. F. Herold
99 W. W. Clifford
100 R. H. Fellows
101 R. Ellis
102 H. J. Stiebel
103 T. C. Merriman
104 W. B. Jenkins
105 H. F. Miller, 2nd
106 D. Belcher
107 J. W. Nickerson 80 W. F. Wells 104 W. B. Jenkins
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106 D. Belcher
107 J. W. Nickerson
109 H. F. Ballard
110 C. E. Foster
111 J. E. Lenox
113 E. S. Howe
114 E. F. Kelley
115 H. O. Stewart
116 H. L. Sherman
117 F. M. Loud
118 E. R. Hamilton
120 L. D. Chapman
121 W. F. Jones
122 F. R. Simmons
123 E. J. Hooper
124 T. G. Chapman
125 L. S. Gordon
126 F. H. Soderstrom
127 E. P. Chapman
127 E. P. Chapman
128 F. C. Heard
129 C. H. White
130 T. B. Black
131 H. Schaffer
132 B. A. Robinson
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134 L. D. Poore
135 R. L. Jones
136 G. W. Bowers
137 P. H. Block
138 G. Lasnier
139 W. B. Morse
140 S. F. Barnett
141 J. S. Groff
142 A. E. Shippee
144 H. E. Myers
145 G. Weinhagen, Jr.
146 W. M. Pettingell
147 H. O'Neill
148 C. W. Gammons
149 D. G. Haynes
150 R. I. Hulsizer
151 K. S. May
152 C. L. Dawes
153 C. D. Jacobs
154 F. M. Green
155 D. S. Hartshorn
157 W. E. Boardman
158 G. E. Wallis 133 B. A. Bowman 134 L. D. Poore

159 R. W. Perkins 160 G. A. Haynes 161 A. M. Rosenblatt 162 S. L. Burgher 163 F. Jaeger 164 L. S. Winchester 165 K. P. Chinchilla 166 C. M. Muriel 167 L. H. Johnson 168 E. A. Ware 169 H. M. Glazier 170 W. C. Kerr 171 R. W. Riefkohl 172 B. Dewey 171 R. W. Kiensom
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173 F. J. Lange
174 P. M. Wentworth
175 J. F. Davis
176 P. M. Wiswall
177 C. L. Campbell
178 C. W. Kyle
179 X. R. Smith
180 K. T. Blood
181 J. G. Reid
182 L. J. D. Healy
183 J. Miller
184 L. Cacicedo
185 C. W. Dwight
186 J. A. Christie
187 L. G. Beers
188 G. H. Gray
189 R. B. Temple
190 H. C. Cloudman
191 J. W. Parker
192 C. D. Maynard
193 R. S. Ayres
194 Miss F. H. Luscomb
195 G. I. Emerson
195 G. I. Emerson
196 B. W. Dow
197 A. D. Keables
199 H. C. Fisher
200 F. H. Remick
201 J. I. Finnie
202 F. A. Dewey
203 C. W. Gram
204 W. J. Kelley
205 J. C. Dort
206 E. S. Hanna
207 S. N. McCain
208 R. Inglee
209 C. S. Robinson
214 Miss E. B. Babcock
213 J. N. Stephenson
214 Miss G. M. Blake
215 M. W. Rew
216 H. Sharp
217 H. U. Miller
218 G. T. Palmer
219 H. R. Petzold
220 S. Altamirano
221 N. L. Coleman
222 A. K. Comins
223 W. W. King
224 R. H. Allen
225 M. R. Scharff
226 C. Freed
227 C. H. Pope
228 H. I. Eaton
229 A. B. Henderson
230 W. D. Green
231 S. Lougee
232 C. A. Dunkel
233 K. J. Campbell
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ISOS HISTORY



THE ROGERS BROTHERS
IN TECH

(Humorous)

Enter Amile followed by Gustave

[Cheers from the wings. Stop and talk with faces close together

- A. Vell, Goostave, how you like dis being a Frenchman?
- G. Vat, me?
- A. Yes, you!
- G. Say, Ameel, if I was n't such a goot friendt mit yourself I vould knick you a knock. I'm no Fr-r-enchman. I'm a nine.
 - A. Ja?
 - G. Nein!
 - A. Vas ist das, a nein?
- G. A nine is dat vich a Somphmore has a right to r-rub in der mud but could n't.
 - A. Vy could n't it?
- G. Your argumend's veak. But dot remindts me. Can you findt someding aroundt here?
 - A. Sure!
 - G. Vat?

[76]

A. Trouble!

G. Ha! Ha! vunny is it not? Yes, it is not. But, haf you ob-surd dot ven you ask for some blace it aindt dere?

A. Sure! Dot's because ve're Fresh!

Song and Dance

As Freshmen ven ve came to Tech Ve're sure to get it in der neck.

Ve know — dot — ve —

Are meat for all vich happen by

And think that they vill haf a try

To l-lacerate both you und I

Und mit our coin get free.

Chorus

For ve — are — Fresh,

For Lowell ve ask dose ve meet,

Dey sent us oudt to Bottleolf Street

Und neffer gif us any sympathee-e-e.

Und if for Bursar Rand ve Pray

Ve gedt to Enchun-neering A

Ve really vunder how such tings can be.

Amile (aside) Second Relapse

They cover us mit entrance blanks

Vich must be gotten up by cranks

Dey ask—sooch—stoff—

As, "Vy iss it a Somphmore smokes?"
Und, "Do you hope Maclachlan chokes?"
Und many other chentle jokes
Thru vich ve t'row a bluff.

Chorus

For ve - are - Fresh, etc.

- A. Dot song reminds me, you know vat it iss, a Prairie Queen?
- G. Nein, vat it iss?
- A. A skunk.
- G. By de vay, schpeaking of Maclachlan (dot's a lofely man), tell me, Ameel, from der heart out, vould you effer tink dot at von dime he vas on a "Tegnigue" board?
- A. I vould nod, Goostave; vich all goes to show dot ve can neffer tell vot vill happen to us. Some of us may become burglars, some may become drunkards, or vife beaters, or, Goostave, I hesitates ven I imply such a ting, some of us may be a Maclachlan.
 - G. Ameel, you haf a mean disposition.
 - A. A vich position?
 - G. Disposition.
 - A. I could n't do it, I aindt fat enough.
- G. It's enoof! I aindt fat, I got a good shape! I remind myself of Carl Gram.
 - A. (Bang!!)
 - G. My, sooch a knick, Ameel you haf knocked me into a remnisisent mood.
 - A. Vait, I vill knock you oudt of it.
- G. Nein, listen. In all der dime ve haf been to der Massasachestnuts Institootion of Teckednowledg, in all der class meetings, lectures und recititations

ve haf attended, tell me Ameel, has der effer been a dime ven G. A. Haynes or E. Q. Adams did not ged up und say sometings foolish?

A. Goostave you haf schtruck it. Also, var der effer a time ven Stevenson did nod vear his Gross Gountry hat?

G. Schpeaking of Gross Gountry, do you remember der dime ve beat Harvard in 1906?

- A. Yess und do you remember der dime ve did n't beat 1908 in 1905?
- G. Yess. Do you know der reason ve did n't vin der relay race?
- A. No, vy?
- G. Der chudge saidt dot Allen vas nod running aroundt der bend bud vas schtebbing across.
 - A. (Bang!)
- G. Ooch! dot's two dimes in der same place! Schpeaking of two dimes in der same place dot's vat Bill Kelly saidt ven der '10 fellers put him in der pond in der Gardens.
 - A. Dot vas der night ven ve busted up der '10 parade. Not so?
- G. Ya! Und did you see Molly Scharff knicking der freshmen? Phew!

 It remindet me of dot beautiful song, "Molly, my Irish Molly!"
 - A. Benny Dow und Grif Taite vere also dere.
- G. At der beginning of der commencement, yess. But, dey tink it is better to hear der crowd say, "Dere he goes!" than nod hear dem say, "How nadural he looks."
- A. Dot reminds me. Haf you ever seen Charlie Belden as an actor lady?
- G. Sure haf I. Und at der show rehearsal at der Colonial ven der real chorus goil put her arm aroundt his neck?
 - A. Did n't Charlie obchect?

- G. Obchect! He obchected about as much as Jim Critchett does ven you sign ub for a "Tegnigue."
 - A. Yess, ven you sign ub!
 - G. Vot is dot a sign of.
 - A. Many tings, chiefly dot you lose two dollars.
- G. Dot vould be a accident. Oh, schpeaging of accidents. Schpike Hatton fainted der odder day.
 - A. Fainted! For vhy?
- G. He t'ought he saw Valt King und Chack Elbert go into Huyler's to get a soda vasser.
 - A. Honest dit they?
- G. Did n't you heard me say dot he t'ought he saw dem? You ask bright questions, so like Hartshorn.
- A. Leds change der subject. I saw Al Dickerman ad der tee-ater mit a goil der oder day.
 - G. Vas she a tall goil?
 - A. Sure! (about four feet).
- G. If you don't get serious, Ameel, I vill get mad! Oh, schpeaking of mad. Dit you see '08 der night ve schwiped der ice cream?
- A. Sure dit I! Und you und Molly hid it und came back later und ate id all, und ven ve came ub toldt us ve coult suck der ice!
- G. By der vay, I haf a canundrum. Vy iss id Charlie Adams sells books to der freshmen for \$2?
 - A. Because he iss a philanthropist.
 - G. Almost, but not quite. Der answer iss, He don't dare charch more!
 - A. Ha! Ha! vunny! Now I've got a goot von. Are you ready?
 - G. Ja, let her come.

- A. Here id iss! Vhat iss id vhich iss schmall und roundt und shiny on top?
- G. I bite, vhat it iss?
- A. Frankie Rand! He! He!
- G. (Bang! ! swat!)
- A. O-o-o, my head veels loose so like Charlie Cross's.
- G. Schpeaging of Charlie Cross. I read in "Technique" about him.
- A. Vhat id vas?
- G. Vhat makes Charlie Cross?
- A. I gif id ub.
- G. He heard A. Noves.
- A. I suppose dot vas der Dewey day ven Peter Schwam Cross der Niles Haven. Vot?
- G. O-o-h! You make me veel like '10 did ven ve got through mit dem Field Day.
 - A. Say, Goostave, I got a hunch. Let's go to Charlie Wirth's.
 - G. Sure! Bud first leds sing our national anthem.

Song. M. I. T. (Tammany)

In der little town of Boston down on Boylston Street

Lif a sad-eyed band of toilers, pale from loss of sleep.

Efry eve till after midnight at their desks they bone,

Then when morning gilts der sky, dey hit der bunk und groan,

Und you can hear dem moan

Chorus

M. — I. — T.M. — I. — T.Keep 'em working night und day,Neffer gif dem any play.

 $\begin{aligned} \mathbf{M}, &-\mathbf{I}, -\mathbf{T}, & \mathbf{M}, -\mathbf{I}, -\mathbf{T}, \\ \mathbf{Jew 'em, jew 'em, soc et tuum,} \\ \mathbf{M}, &-\mathbf{I}, -\mathbf{T}. \end{aligned}$

Charlie Adams iss a prof. ad old Technologee,
He has got der real schpirit of der M. I. T.
Efery freshman that he gets iss Charlie's meat you know,
Und he calmly pulls their legs because he lofes dem so,
Und then he lets them go.

Chorus

M. — I. — T. M. — I. — T. Grafters like him all must go
On der road to down below.
M. — I. — T. M. — I. — T. Some day yet der hook he'll get
From M. — I. — T.

SOPHOMORE







Class of Nineteen Hundred and Ten

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Vice-President HAROLD LOCKETT

> Secretary C. C. WEBB

Treasurer W. H. DUFFIELD

Institute Committee

B. REYNOLDS

P. D. TERRY

Executive Committee

C. C. Dudley Ralph Torrey

1910 Class History



THE BRIGHTEST DAY IN 1910'S HISTORY

A Personal Parrative

OW did it happen? Well, ver see it wuz dis way. My old man kind er got nutty in his t'ink tank and decides dat I must be an enchuneer. See? So he loaded up me Gladstone wit' me glad rags (joke, see?), and shovin' a couple of hundred samoleons in me mit, he crammed me on to de choo choos headed for Beantown on de Chawles. See? I slid out when de train stopped. an' ramblin' up to a mut wot wuz loafin' around kind eh lazy, I inquires kind eh gentle, "Where t' 'ell 's Tech?" Say, dat guy had a accent like it 'd been passed under a traction engine an' began remonstratin' wit' me. Sez I, here 's w'ere I beat it w'ile my shoes is good, an' I made de bricks curl gettin' away from dat place. Finally I found de hole, wich is sittyated acrost frum a swell little booze foundry. See? An' mingled wit' de crowd. A small shrimp which dev calls Walter (Wot d' yeh t'ink eh dat! Walter!) comes oozin' t'rough de gang an' brushes meh teh one side. De old man always sed teh meh, "Take so much and no mucher, spesherlly if de odder man's small an' puny lookin'." So I comes back quick, an' holdin' my mit about two inches from his visage I sez, "You little, hammer-down, black-headed, halfgrowed, two-tailed, rubber-covered, hide-bound, flea-bitten cabhorse," and so on, "when I'm in one place I'm dere to stay an' it ain't up teh veh teh move meh, see?" Den some one come up teh meh an' lead meh strong off teh one side an' waved flippers wit' meh. He sed dat I'd guessed right de foist time but must be more careful as de small duck wuz a man of power. What d' yeh t'ink eh dat? Dis guy led meh teh a offis, w'ere dey handed me a bunch eh poipers. See? "But I don't want teh get married!" sez I. "Married be dam!" sez 'ee, "dis is de way teh get inteh Tech." So I worked like a 'lection judge, an' after a few brief hours I had 'em fixed up in nobul style. Not.

De foist t'ing we, dat is, me an' de odder muts w'ich formed de class of 1910, run up against, wuz a field day, which is a t'oity round rough, in w'ich de class of 1909 proves to us dat we is a bunch uv tin-horn spoits. Dey loses graceful to us at de yank contest, but stops us in de feetball game, an' passes from our view in de trottin' match. In dis last event our foist gazabe trips de '09 gent at de end of de foist circuit; but even dis don't stop 'em, for dey climbs after us an' pushes us so strong dat one uv our trotters lies down an' goes by-by right out on de cold, damp cinderpat'. An' de flag rush. Say, it gives me a crimp in de kitchen tuh t'ink uv it. We could n't haul down de flag w'ich dey put up in a tree, so we chases up a flag uv our own an' sticks it up anoder tree way off in de distance, an' stands off an' yells, an' t'inks we is quite de heroes till we t'inks it over later. But cheese it, Cul, cheese it, it makes meh sick! See?

Back at Tech, de foist t'ing w'ich we bumps against is a row uv coin chasers, w'ich has Tammany lashed up an' stuck in de subway. See? Dere's Charlie Adams wit' de Sing Sing jaw an' a nacheral propensity for absorbin' kush. De meek way in w'ich he announces dat de price has went up two cents is a scream. An' Andy Mac. He hangs out acrost de pike, an' in order to attract trade he hez a bunch uv swell-lookin' dames (joke) teh fix de wictim wit' dere hypnotic eye an' say, "Six wheels pleeze." But dere's a joint around de coiner w'ere dey treats yer perlite an' don't soke yer ten cents w'en yer wants a piece uv wrappin'-poiper. An' de fellers are beginnin' ter get wise. See? Nuttin' doin' for a long time, except dat we gets so hardened dat we laughs automatic at de right time w'en Blachie cracks a gag, an' we don't shy at McMurtrie's duds. Den de show happens, w'ich is "Willum, Willie, an' Bill," an' we cert' did look swell. Say!

Talk about Maud Adams an' Dick Carle? Let meh tell yeh, Cul, dis corset job is no cinch, an' w'en yeh see de next show remember dat each an' every one uv dose smilin' dames is sufferin' de agonies uv a Brooklyn Bridge rush. See?

By dis time we're gettin' all to de mustard as sojers, so we bugs up a prize drill. Dat is, de one w'ich can handle his shooter best gets a tin tag, an' also is de goat for de rest uv his stay at

Tech.

De exams, moused along about dis time, but little Nemo woiked de old gag uv goin' to de printers an' sittin' on de type wit' a pair uv w'ite pants on an' gettin' a copy uv de exam. questions. Say, it wuz a pipe, an' dev said dat I could come back dis veer. See?

I did, an' de foist t'ing w'ich struck us wuz wot dev calls Physics. Dis does not come in a small flat tin box, but is a study taught by a short, shiny-topped guy wit' a bulge in de middle,

an', say, it 's fierce.

Dere wuz a new gang uv kids here which needed trainin'. For de details of de course see foist page.

Well, dat's about all. Wot cher want teh know fer? TEH PUT IT IN TECHNIQUE!! Ah, say, Cul, cut it, cut it!

FRESHMAN





1911



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Class of Nineteen Hundred and Cleven

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Secretary
W. Y. Stamper, Jr.

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P. A. Cushman

Institute Committee
Kester Barr B. Lawrence

Executive Committee
K. W. Faunce Norman DeForest

1911 Class History

BABY'S RECORD

(With due apologies to Maud Humphreys)

BIRTH

Name Class Eleven. Massachusetts Institute of Technology.

Born to the Massachusetts Institute of Technology.

Date Oct. 2, 1907.

PHYSICIAN'S NAME X. Aminations.

Nurse's Name Walter Humphreys.

FIRST OUTING

Baby was given his first outing on the 2nd day of October in the year 1907 by Prexy, the Major, and his big brother, Class Nine.

Incidents. Baby's brain began to develop, and he crowed lustily when he found he had a head, some feet, and a few other things to manage with.

WEIGHT

Baby was first weighed Oct. 2, 1907 and turned the scales at 140.3 lbs. (Tech statistics—guaranteed correct).

Weight when 5 weeks old 125.6 lbs.; when 10 weeks old 94.6 lbs.; after mid-years 23 lbs., and is still on the decline.

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FIRST GIFTS

Among baby's first gifts were a black eye and a broken head from his brother Class Ten, and a FFew, Lovely, Decorations from his parents.

First Tooth

Baby's first tooth was discovered by Charlie Adams. Incidents. Charlie said, "For your drawing work you must procure the best text-books possible. I would strongly recommend Adams' Mechanical Drawing (new edition with revised index), Adams' Free-Hand Letter Plates, and Adams' Descriptive Geometry (new and enlarged edition, with a picture of the author)." And Baby bit!

FIRST WORD

Baby's first word was spoken three days after birth. It was "Send me some money from home!"

FIRST APPEARANCE AT TABLE

Baby's first appearance at table was Oct. 5, 1907.

Baby's table manners were very boisterous for one so young. He ate with his elbows on the table, and persisted in shouting for beer!

Others at the table were the Dean and the Bursar (who set Baby a very bad example with their uncalled for mud-slinging at one another), Nurse Humphreys, and several other members of the family.

FIRST LAUGH

Baby's first laugh was heard by Free Hand Charlie when baby crossed an i and dotted a t. It sounded like "Oh, hell, what fun this is!"

FIRST CREEPING

Baby began to creep on the 26th day of October 1907 in the presence of his brothers and a co-ed or two. Incidents. Baby had heard some discussion about a Fall Handicap Meet, and forthwith teething rings and rattles were discarded. Baby girded up his loins, and sallied forth into the world. And lo, Baby proved a prodigy and outstripped all comers.

FIRST PRAYER

Baby's first prayer was said after his first month in captivity. Its form was as follows — Dear Lord. Please make Papa realize what a studious boy I am. Please convince him that he should handle me more gently, and be more chary with his Decorations. Please put a blister on my heel or a wart on my neck, so I can show it to the Major and be excused from Drill; perhaps you can find me a Quaker Ancestor — that will be better yet. Please bless either Burry or me with some brains, so that one of us will know what we are trying to do. Please instruct Satan to invent a new kind of torture for Andy Mac. And please stay my hand if I

get too rough with Brother Ten on Field Day. And many other things, dear Lord, only I must stop and do my Trig. Lesson, or Papa will be angry again.

FIRST SHORT CLOTHES

Baby was dressed in short clothes for the first time on the 8th day of November 1908, the occasion being Field Day, when Baby was set up for comparison with his brother Class Ten.

Notes. He looked well, but -

FIRST STEP

Baby took his first step at the age of one month (as we have remarked before he was a prodigy) on Field Day 1907.

Witnesses. Pa, Brothers Eight and Nine with their lady friends and a fog-horn, Ethel Johnson, some chorus ladies from the "Red Pill," and others.

Incidents. Brother Ten strutted into view, and appeared to want the whole field to himself. He acted very rudely and teased and plagued Baby, and finally knocked him down, amid cries of "Shame!" "Fie upon you!" "You ought to have your wrist slapped!" from the spectators.

FIRST LOCK OF HAIR

The first lock of hair to be cut from baby's head was clipped by his brother Class Ten on Field Day.

Notes. Brother Ten not satisfied with the cruelties he had already inflicted, whipped out a long knife, and, with a blood-curdling cry, scalped Baby.

FIRST PARTY

Baby's first party was given on the evening of Field Day at the Colonial Theatre.

The entertainment consisted of a performance of the "Red Pill," with variations.

Notes. Baby seemed to be wonderfully chipper after the mill he had just been through. He remarked that "he did n't care what she said or anybody else, the show was ma-a-awelous!" (We could n't see what Baby was looking at, but the opera glasses were focussed very fine.)

FIRST DAY AT WORSHIP

Baby first attended divine worship after the midyear report when four months of age.

Incidents. Baby offered thanks that there was enough of him left to make it worth while to spend another term at the 'Stute.

FIRST VALENTINE

Baby's first valentine was received early in his career. It was suspected that the Major was thinking of him that day and was the sender.

The verse was as follows: — Dear Sir: Please explain your absence from Military Science on Feb. 14. This explanation must be submitted in writing on the special blank, under penalty of death.

BRIGHT SAYINGS

Among baby's bright sayings are the following: —

E - leven, E - leven, E - leven, Raw, Raw, Raw; Raw, Raw, Raw; Raw, Raw, Raw; A - lemon, A - lemon, A - lemon.

> Rot - ten, Rot - ten, Rot - ten Et cetera, ad infinitum.

Say, ain't she a queen! Wish I could pay my tuition on the instalment plan!

Yes, apple pie and milk, please.

Strawberry, blackberry, raspberry jam, Nineteen - ten ain't worth a — hoorah!

Bi-z-z-t! Honk! Wump! (Imitation of Baby's weekly Mil. Science siesta).

I second the motion.

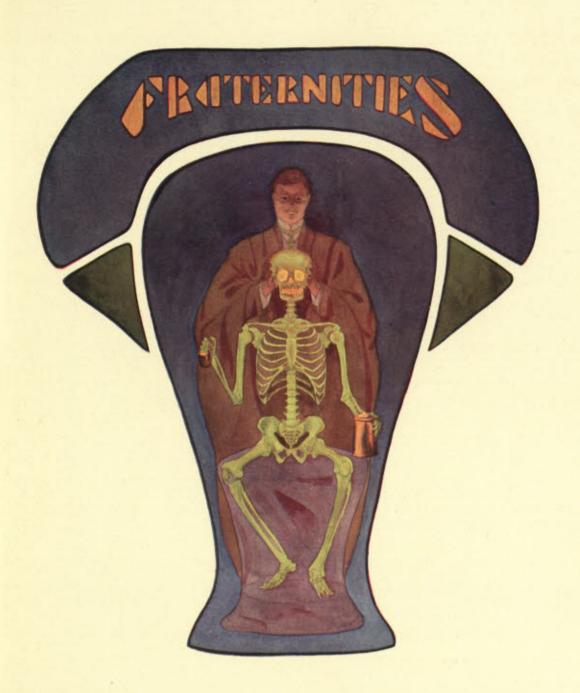
Rah, Rah, Rah! Wellesley!

Well, so long. I've got to see the Dean.

I'd like a dozen more test-tubes, please.

We are happy!
Tech is Hell!
Tech
Nol!
Oh! Gee! Why!





THE GREEK LETTER
FRATERNITIES REPRESENTED AT THE
MASSACHUSETTS INSTITUTE OF
TECHNOLOGY 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 Obio
1864	Epsilon	George Washington University	Washington D C
1866	Zeta	Washington and Lee University	Levineton Va
1857	Eta	University of Mississippi	University Miss
1863	Theta	Pennsylvania College	Cattenham Da
1864	Kanna	Bucknell University	Gettysburg, Fa.
1858	Lambda	Indiana University	Lewisburg, Fa.
1868	Mu	Devises University	Bioomington, Ind.
1859	V;	Denison University	Granville, Ohio
1859	Omisman	De Pauw University	Greencastle, Ind.
1866	DL.	Dickinson College	Carlisle, Pa.
	DL:	Butler College	Indianapolis, Ind.
1867	CL:	Lafayette College	Easton, Pa.
1871	Cm	Hanover College	Hanover, Ind.
1860	I'si	University of Virginia	Charlottesville Va
1869	Omega	Northwestern University	Evanston, Ill.
1892	Alpha Alpha	Hobart College	Geneva N V
1886	Alpha Beta	University of California	Berkeley Cal
1882	Alpha Gamma	Ohio State University	Columbus Obio
1883	Alpha Epsilon	University of Nebraska	Lincoln Neb
1882	Alpha Zeta	Beloit College	Relait Wis
1882	Alpha Theta	Massachusetts Institute of Technology	Roston Mass
1883	Alpha Iota	Illinois Weslevan University	Bloomington III.
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	Rathlaham Pa
1888	Alpha Sigma	University of Minnesota	Missassalia Miss
1889	Alpha Upsilon	University of S. California	Tan Appellar Cal
1890	Alpha Phi	Cornell University	Los Angeles, Cal.
1891	Alpha Chi	Pennsylvania State College	Ithaca, N. Y.
1891	Alpha Dai	Vandadit University	State College, Pa.
1891	Alpha Omore	Vanderbilt University	Nashville, Tenn.
1905	Rate Comega	Leland Stanford, Jr., University	Stanford University, Cal.
	Deta Gamma	Colorado College	Colorado Springs, Colo.
1907	Deta Detta	University of Montana	Missoula, Mont.
1876	Delta Delta	Purdue University	Lafayette, Ind.
1876	Zeta Zeta	Central University	Danville, Ky.
1882	Zeta Psi	University of Cincinnati	Cincinnati, Ohio
1893	Eta Eta	Dartmouth College	Hanover, N. H.
1897	Theta Theta	University of Michigan	Ann Arbor, Mich.
1891	Kappa Kappa	University of Illinois	Champaign III
1893	Lambda Lambda	Kentucky State College	Levington Ky
1895	Mu Mu	West Virginia University	Morgantown, W. Va.
1894	INII INII .	Columbia University	New York, N. Y.
1896	Xi Xi	University of the State of Missouri	Columbia, Mo.
			[101]
			1 101

1897	Omicron Omicron .	University of Chicago				Chicago, Ill.
1902	Rho Rho	University of Maine				Orono, Me.
		Washington University				
		University of Washington				
		University of Pennsylvania				
		Syracuse University				
1905	Omega Omega	University of Arkansas			-	Fayetteville, Ark.

Sigma Chi

ALPHA THETA CHAPTER ESTABLISHED 1882

Fratres

ALEXANDER HAMILTON VAN KEUREN	IVORY SMALL JAMES
GEORGE AUSTIN QUINLAN	ALEXANDER GRAYDON BATSNER
PAUL REVERE FANNING	CHARLES PHILLIPS KERR
ROBERT WILFRED BAYLE	JOHN CODDING STEVENS
HOUGHTON HAMILTON WHITHED	WALTER HARWOOD BYRON
James Walter Dickenson	RAMON FIDENCIO MUÑOZ
WILLIAM CARUTHERS KERR	THEODORE BISSELL PARKER
ALVAH BREAKER COURT	FREDERICK WARREN OSBORNE
PHIFER SMITH	MARTIN WILLIAM LOUTZ

ROWLAND KINGMAN ARMES

Fratres in Urbe

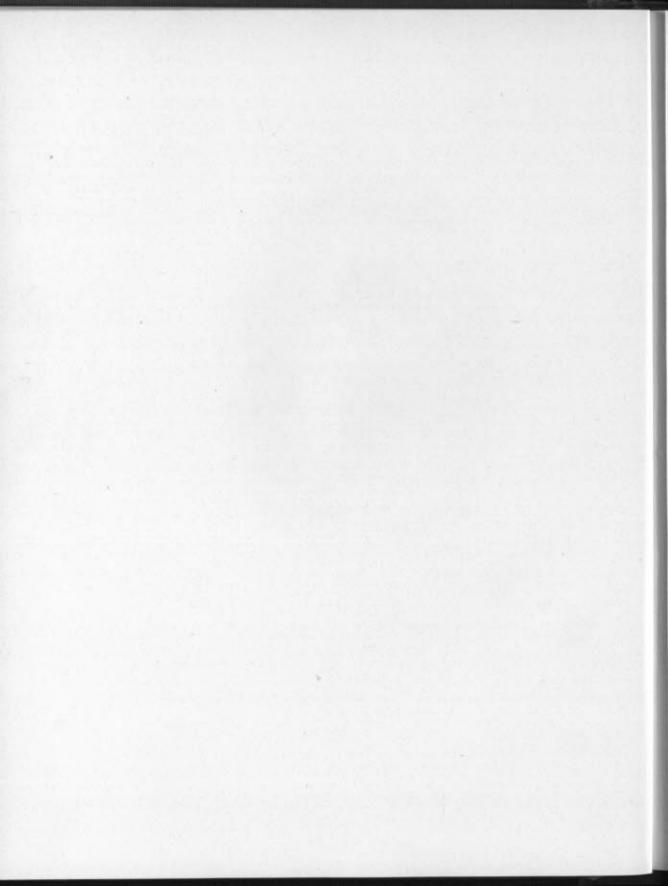
GEORGE MCNEIL ANGIER	LEON GILBERT MORRILL
WINTHROP ALEXANDER	JAMES STUART NEWTON
ARTHUR FRANCIS BARDWELL	ARTHUR SEWALL PERCY
JOHN ANDREW CURTIN	CLARENCE BREWSTER POWELL
WILLIAM WORCESTER CUTLER	LUCIUS SPALDING TYLER
WINTHROP DAHLGREN	EDWARD CUTTER THOMPSON
JOHN ASHLEY HIGHLANDS	VON OGDEN VOGT
CHARLES FRANK HARWOOD	EDWARD PAYSON WHITMAN
HARRY R. VOUDER HORST	ROY RYDEN
HARVEY HAYES LOCHRIDGE	James A. Kane
RHODES GREENE LOCKWOOD	Isaac I. Yates
JOHN BRUCE McPherson	PAUL H. FRETZ

EDWIN GRAHAM KINTNER

[102]



LAWREST NO.



Theta Xi

A	Rensselaer Polytechnic Institute .			2	24	y o		1			10				Troy, N. Y.
B	Sheffield Scientific School	i	Ø			12							5		New Haven, Conn.
Γ	Stevens Institute of Technology .				1					V				70	Hoboken, N. J.
1	Massachusetts Institute of Technolo	gy					4				0	Ų.	1		Boston, Mass.
	Columbia University														New York, N. Y.
	Cornell University														Ithaca, N. Y.
	Lehigh University														South Bethlehem, I
θ			45	2		4									LaFayette, Ind.
I							4								St. Louis, Mo.
K	Rose Polytechnic Institute		*1						4				4		Terre Haute, Ind.
λ			***												State College, Pa.
	Graduate Club	-	*	7					100				Ī	(1 C)	

Theta Xi

DELTA CHAPTER

ESTABLISHED 1885

Fratres in Facultate

HARRY ELSWORTH CLIFFORD HENRY GREENLEAF PEARSON WILLIAM E. MOTT

Fratres

Maurice Phelps Anderson
Frederick Germain Dempwolf
William Fredric Dolke
Ludwig Friedrich Carl Haas
Malcolm Bridges Hall
Lee Kalbach
Rinker Kibbey

ANGEL GARCIA Y ARMENDARIZ ALFONSO WASHINGTON, PEZET SYDNEY INGALLS SNOW ARTHUR LEON STEIN HORACE EUGENE STUMP, JR. LAURENCE TIDD WALKER HAROLD EASTMAN WEEKS

HENRY JOSEPH WOOD

Fratres in Urbe

ARTHUR HUMPHREYS ALLEY WILLIAM CORNELL APPLETON WARREN STEARNS BAKER JOHN ROSS BATES ALBERT FARWELL BEMIS ALFRED MILLER BLINN EDWARD LYMAN BROWN MORTON EDDY COBB HENRY MARSHALL CROSBY HENRY JOHN CONANT CARROL CARY CURTIS NATHAN BROWN DAY FRANKLIN WHITNEY DOLIBER GEORGE OTIS DRAPER JOHN COWPER EDWARDS CHARLES HAYDEN

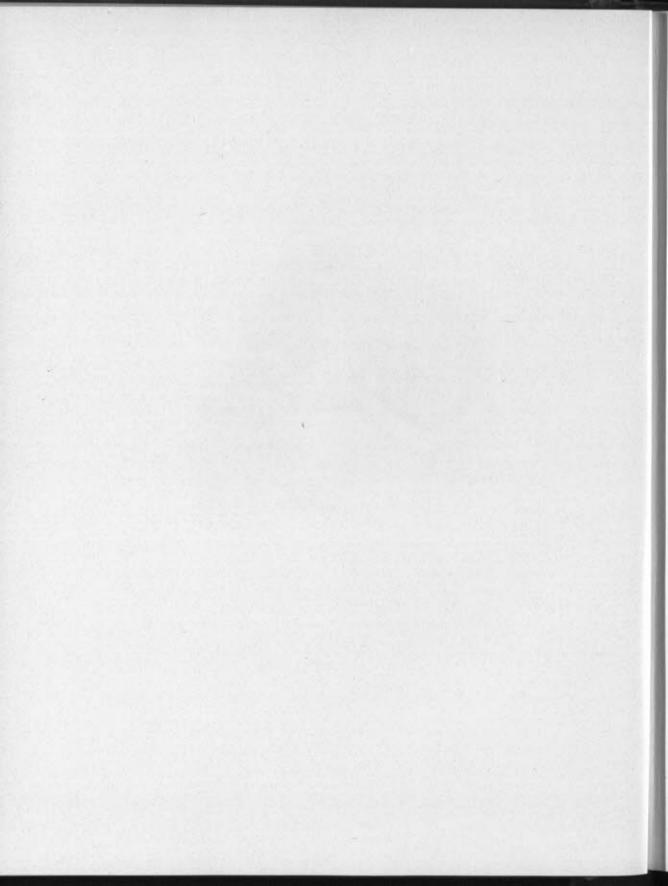
CHARLES BURTON HOWE EDWARD JOHNSON, JR. GUY HENRY LITTLE FREDERICK WAIT LORD HENRY ADAMS MORSS HERBERT STURGIS POTTER JAMES HENRY REED, JR. DWIGHT WILLIAM SLEEPER CLIFFORD HOPKINS SHIVERS TIMOTHY WILSON SPRAGUE JOHN WATSON TARBOX JAMES WINTHROP TEWKSBURY FRED THOMPSON WALTER BACON TROWBRIDGE REGINALD SPRAGUE TOBEY GEOFFREY WELSH

HARRY HAYWOOD YOUNG

[106]



CAMPBURE PLAN



Delta Psi

A	Columbia College			1		9	1	2.	4		1	-		1	New York City
1	University of Pennsylvania	٠,						-				0			Philadelphia, Pa.
E	Trinity College		4						4				4	i	Hartford, Conn.
	Williams College														
	University of Mississippi ,														
	University of Virginia														
	Sheffield Scientific School .														
	Massachusetts Institute of T														

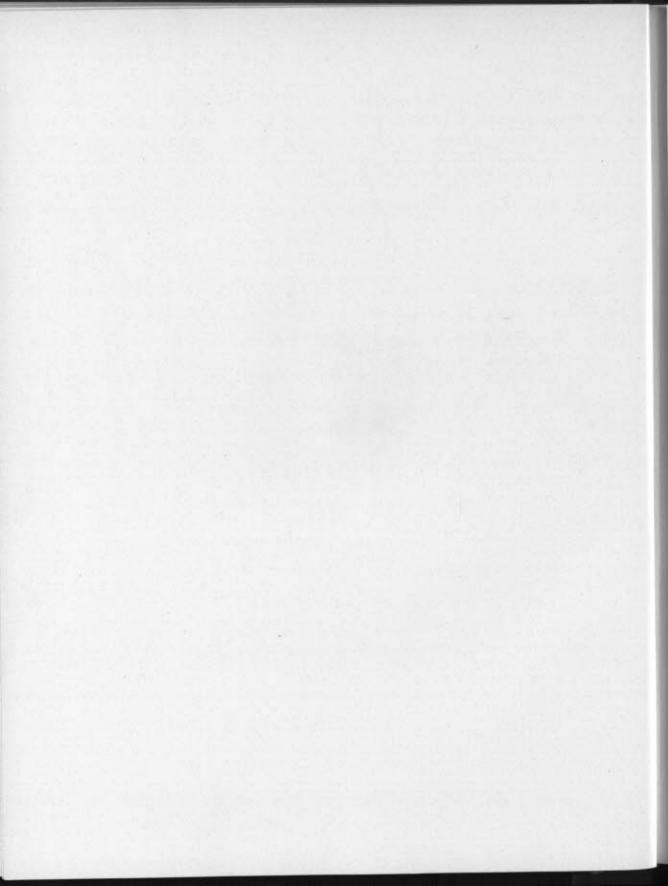
Delta Psi

TAU CHAPTER

THOMAS HENRY ATHERTON, JR. BRAXTON BIGELOW HENRY DALAND CHANDLER ARTHUR MOXHAM COLEMAN JOHN PIERREPONT CONSTABLE CHARLES ROBERT CROSS, JR. Louis de Florez CHARLES FRENCH DOBLE HENRY WALKE DUN, JR. MONTAGUE FLAGG GEORGE THUMMEL GLOVER BRADFORD BUTTRICK HOLMES ALFRED GALPIN KELLOGG ROBERT FARRINGTON MAXCY Douglas Crawford McMurtrie HENRY RICE PUTNAM HARRY ANDREW RAPELYE JOHN RANDOLPH REYBURN CHANNING TURNER CHARLES SUMNER WILLIAMS, JR.

6 Louisburg Square





Chi Phi

A	University of Virginia			į,									3	4	Charlottesville, Va.
B	Massachusetts Institute of Technology														Boston, Mass.
Γ	Emory College														Oxford, Ga.
4	Rutgers College						23						4		New Brunswick, N. J
E	Hampden-Sydney College														Hampden-Sydney, Va
Z	Franklin and Marshall College				4								1		Lancaster, Pa.
H	University of Georgia														Athens, Ga.
θ	Rensselaer Polytechnic Institute														Troy, N. Y.
I	Ohio State University							4.	4		40				Columbus, Ohio
1	University of California		4		*								4.		Berkeley, Cal.
M	Stevens Institute of Technology		2							*		,			Hoboken, N. J.
N	University of Texas		*					*							Austin, Texas
E	Cornell University											,	Ĭ.		Ithaca, N. Y.
0	Sheffield Scientific School, Yale Univer														New Haven, Conn.
P	Lafayette College														Easton, Pa.
0	Amherst College	s			28		3	Ŷ.							Amherst, Mass.
X	Dartmouth College	6				Ŷ.			V					1	Hanover, N. H.
T	Lehigh University		10		23	×		*				i,			South Bethlehem, Pa.
2	Georgia School of Technology					4			4						Atlanta, Ga.

Chi Phi

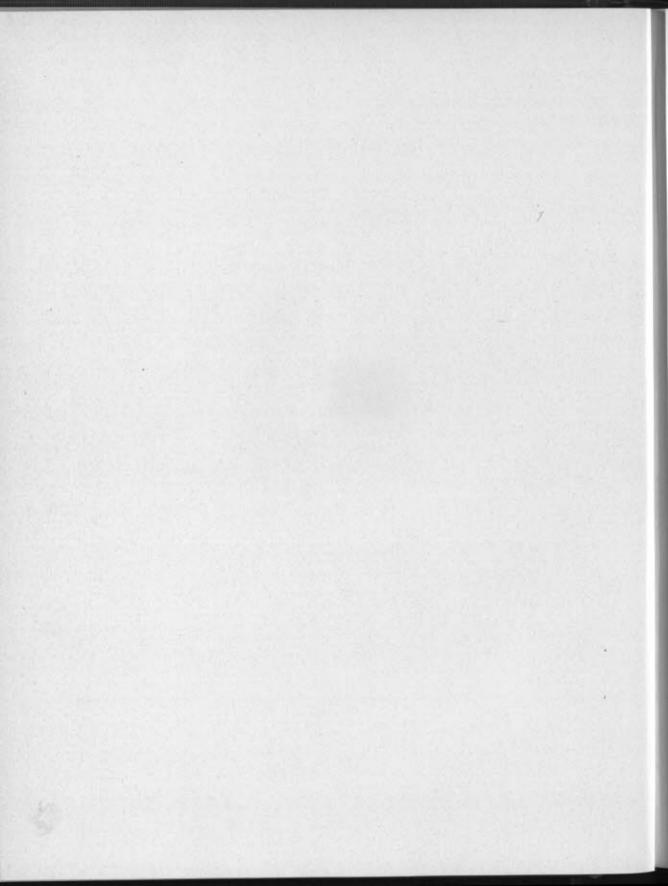
BETA CHAPTER

ESTABLISHED 1890

MITCHILL ALLEN EGERTON MITFORD BETTINGTON SAMUEL HOAG CORNELL CHARLES EATON CREECY HENRY CLARENCE DAVIS, JR. NORMAN DE FOREST MAURICE EDWARD DENNY JOHN JACOB ELBERT RAYMOND WEST FERRIS LUCIUS FELT HALLETT JOHN MATTHEWS HATTON CHARLES ANTHONY HARRINGTON HERBERT SEYMOUR HOWARD ALLEN JONES, JR. LESTER HAZEN KING DUDLEY WINSTON PHELPS PAUL RULISON POWELL GEORGE MACKAY ROADS NATHANIEL STEVENS SEELEY THOMAS ATKINSON TILLARD GEORGE CONRAD WESTERVELT IRVING WHITE WILSON GEORGE STONE WITMER FREDERICK BRAYTON WOOD

44 The Fenway





Delta Kappa Epsilon

Phi	Yale University
Theta	Bowdoin College
Xi	Colby University 1845
Sigma	Amherst College
Gamma	Vanderbilt University
Psi	University of Alabama
Upsilon	Brown University
Chi	
Beta	The state of the s
Eta	
Kappa	
Lambda	
Pi	Nenyon College
Iota	Dartmouth College
Alpha Alpha	Central University of Kentucky
Omicron	Middlebury College
Epsilon	University of Michigan
Dho.	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	Weslevan 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	
Alpha Phi	
Delta Kappa	The contract of December 1
Tau Alpha	McGill University 1899
Sigma Rho	T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Delta Pi	
Delta Rho	
articles assett a division of the contract of	University of Wisconsin

Delta Kappa Epsilon

SIGMA TAU CHAPTER

ESTABLISHED 1890

Fratres in Facultate

ALFRED EDGAR BURTON

MAURICE D. K. THOMPSON, JR.

Fratres

HORACE ETHAN ALLEN MAURICE EVERETT ALLEN WHEATON IRA GRIFFIN Francis Harrington McGuigan, Jr. Philip Endicott Young THOMAS WHITLEY ORR ALLEN TABER WEEKS ALTON LESLIE DICKERMAN, JR. FORRESTER BARSTOW AVERY HENRY REED ELWELL HAROLD LOCKETT PAUL MATTESON JOHN STEWART PEARCE GEORGE FORSYTH SALISBURY

MYRTON JAMES TURNBULL PRESCOTT KINGSLEY WADSWORTH THEODORE BROWNING WHITTEMORE WILLIAM THOMAS ADAMS, JR. TYLER WATERMAN CARLISLE Joseph Cheever Fuller WILLIAM STEWART GORDON WILLIAM CONYNE SALISBURY HUBURT STACY SMITH FRANK ASAHEL WOOD MERRILL WILLIAM TILDEN CHAPIN SMITH PRATT

Fratres in Urbe

CHARLES LYMAN ANSON THOMAS BUTLER BOOTH MATTHEW C. BRUSH THEODORE A. DISSEL HOWELL FISHER STANLEY G. FITCH WILLIAM STUART FORBES GAYLE T. FORBUSH WALTER HUMPHREYS

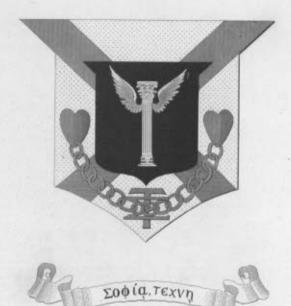
ALLEN WINCHESTER JACKSON HENRY ORLANDO MARCY, JR. LEONARD METCALF BENJAMIN F. W. RUSSELL WILLIAM OTIS SAWTELLE JOHN ALDEN TROTT EDWARD AUSTIN TUCKER RICHARD WATERMAN, JR. RALPH SPELLMAN WHITING

AUSTIN C. WOOD

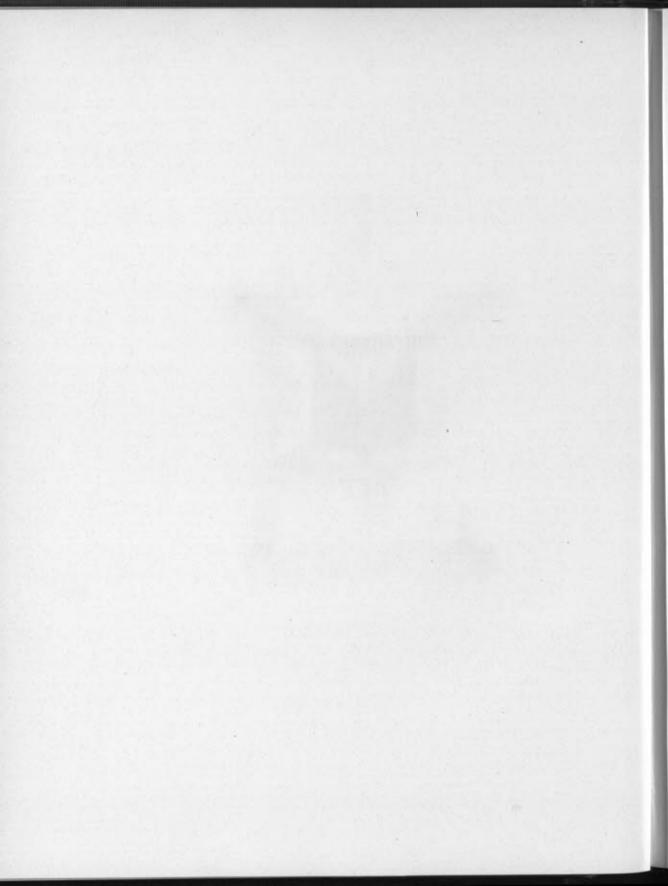
215 Newbury Street

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LAWRONINGS



Phi Beta Epsilon

LOCAL AT TECHNOLOGY

Phi Beta Epsilon

ESTABLISHED 1890

Fratres

RAYNOR HUNTINGTON ALLEN
FRANK SPENCER AREND
HARRY NELSON ATWOOD
PAUL BURDETT
JAMES BURLEIGH CHENEY
CHARLES EDWARDS, JR.
HARWOOD YOUNG FROST
BASIL LOVIBOND GIMSON
ALLEN ADAMS GOULD
RICHARD HARTSHORN GOULD
PHILIP HART
HARRY LUCAS HAVENS
HENRY GORDON HAWES, JR.
MATTHEW COWDEN HAYES

WILLIAM ROY HEILMAN
WALTER WELLINGTON KING
JOHN INSLEY BLAIR LARNED
RICHARD WHEATLEY LEWIS
LYNN ALBERT LOOMIS
MALCOLM DANA PRICE
FRANK RUSSELL, JR.
LINCOLN ROCKWELL SOULE
LEWIS SWITZER SOUTHWICK
DONALD READ STEVENS
FRANK GRIFFITHS TAITE
EDMUND LEON WARREN
VAN COURT WARREN
HARRY WEBB

Fratres in Urbe

STEPHEN BOWEN
JAMES SALISBURY BROWN
PAUL ERNEST CHALIFOUX
MAXWELL ALANSON COE
JOHN PICKMAN DAVIS
RICHARD BAKER DERBY
NUGENT FALLON
WALTER HAVENS FARMER
SUMNER HATHERLY FOSTER
RALPH STOWELL FRANKLIN
ANDREW DANIEL FULLER
GEORGE ARTHUR FULLER
GEORGE WELLINGTON HAYDEN

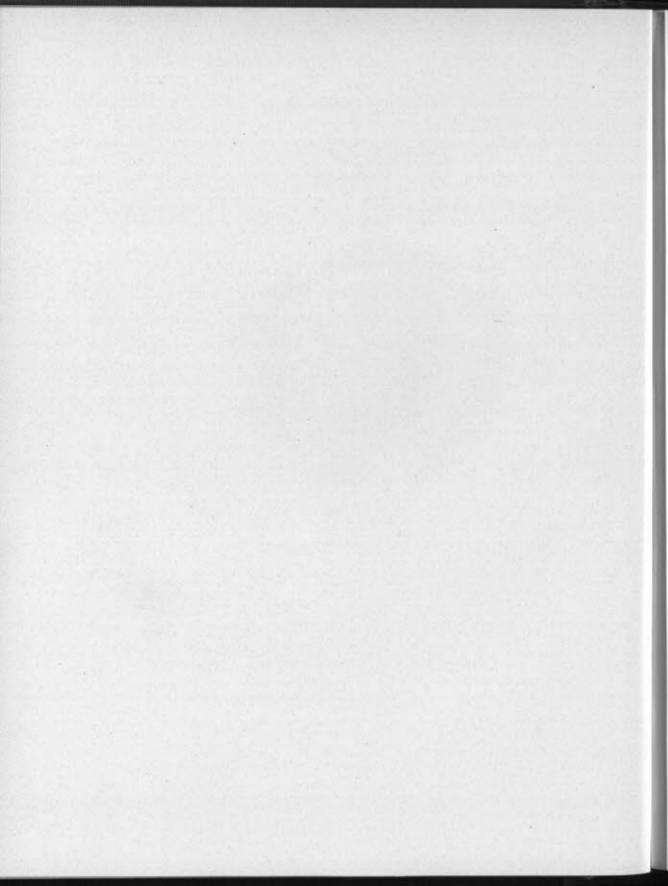
WALTER TURNER HOOVER
WALTER AUSTIN HOPKINS
HARRY GEORGE JOHNSON
ANTHONY PAUL MATHESIUS
FRANK KOLLOCK MITCHELL
GEORGE OWEN
DONALD GOODRICH ROBBINS
THOMAS PENDLETON ROBINSON
CHARLES SAVILLE
CHARLES ADRIAN SAWYER, JR.
RALPH EDMUND SAWYER
GEORGE FREDERICK SHEPARD
JOHN GIFFORD THOMPSON

WILLIAM MARTIN VAN AMRINGE

237 Beacon Street



EARPHOONING.



Delta Apsilon

FOUNDED AT WILLIAMS COLLEGE, 1834

1834	Williams .																				. Williamstown, Mass.
1838		0														3000		M		6	. Schenectady, N. Y.
1847	Hamilton .	9																38		į.	Clinton, N. Y.
1847	Amherst .																			Ĭ.	. Amberst, Mass.
1847		- 8																			. Cleveland, Ohio
1852		1																		E.	. Waterville, Me.
1852	The second secon	3		10	N							31	U								Rochester, N. Y.
1856	Middlebury			3	1						48			8			1				. Middlebury, Vt.
1857	Bowdoin .		4		.*						014								-		Brunswick, Me.
1858	Rutgers .	Š	Hâ		4					- 1		3.	*						18		New Brunswick, N. J
1860		4	48				8			*			+			- 10					Providence, R. I.
1865	acceptance of the second															77					
1865	New York																				Hamilton, N. Y.
	7.000												- 6								. New York City
1869	Cornell																				
1870	Marietta .											1									
1873												8									
1876																					. Ann Arbor, Mich.
1880	Northwester	n			,			4	1	1	84			-		Ġ					. Evanston, Ill.
1880	Harvard .		40			4										7					. Cambridge, Mass.
1885	Wisconsin		3					- 33			*										. Madison, Wis.
1885	Lafayette .	1	12		1		-	- 23					1		94		15				. Easton, Pa.
1885	Columbia			26				2	4		į.		6								. New York City
1885	Lehigh					+		13	93				9	1	95	2	9				. South Bethlehem, Pa.
1886	Tufts																				. West Somerville, Mass
1887	De Pauw .								2					9		-					. Greencastle, Ind.
1888	Pennsylvania	1		10		0	19				8			Ó		-			п		. Philadelphia, Pa.
1890	Minnesota					21										0	30				. Minneapolis, Minn.
1891	Technology															9					
1893	Swarthmore																				
1896	California																				
1896	Leland Stant																				
1898	Nebraska .											4							-		Lincoln, Neb.
1898	McGill																*	56			Montreal, Canada
1899	200															. 9	*			9	A STATE OF THE PARTY OF THE PAR
1901	F34 A															7	7	17		. 1	Toronto, Canada
1901	Ohio State		*																		Chicago, Ill.
1904	Committee of the commit		-									+						-	4		Columbus, Ohio
1905	Illinois			10				*			4	1	1	4		à	4				. Champaign, Ill.

Delta Upsilon

TECHNOLOGY CHAPTER

ESTABLISHED 1891

Fratres in Facultate

Louis Derr

HARRISON W. SMITH

FRANK VOGEL

Fratres

ARTHUR KING ADAMS
WALTER JAMES EMMONS BARCUS
JOHN STETSON BARNES
GRENVILLE TEMPLE BRIDGMAN
JOHN CUMMINGS BROOKS
MILTON STANLEY CLARK
GEORGE ALVIN COWEE
JAMES ALEXANDER COX
JAMES HOWARD DENNEDY
MARION HENRY FOSS

STAFFORD ALLEN FRANCIS
FRED MORTIMER GREEN
HENRY NORRIS HARRISON
PAUL HELME LAZENBY—
ARTHUR KNOX MITCHELL
WILLIAM ROWE MCCUNE
SCOTT BRADSTREET PUTNAM
GEORGE HENRY REPPERT
HENRY LANCEY SHERMAN
KURT VONNEGUT

EDWARD THRASHER WILLIAMS

Fratres in Urbe

Joshua Atwood, 3d
Albert Shirley Black
George Phillips Dike
Charles Dunn
Charles Warren Hapgood
Cyrus Howard Hapgood
John Winslow Horr
William Spencer Hutchinson
Philip John Kearney
Arthur Samuel Keene
Albert Lincoln Kendall
Walter Elbridge Piper

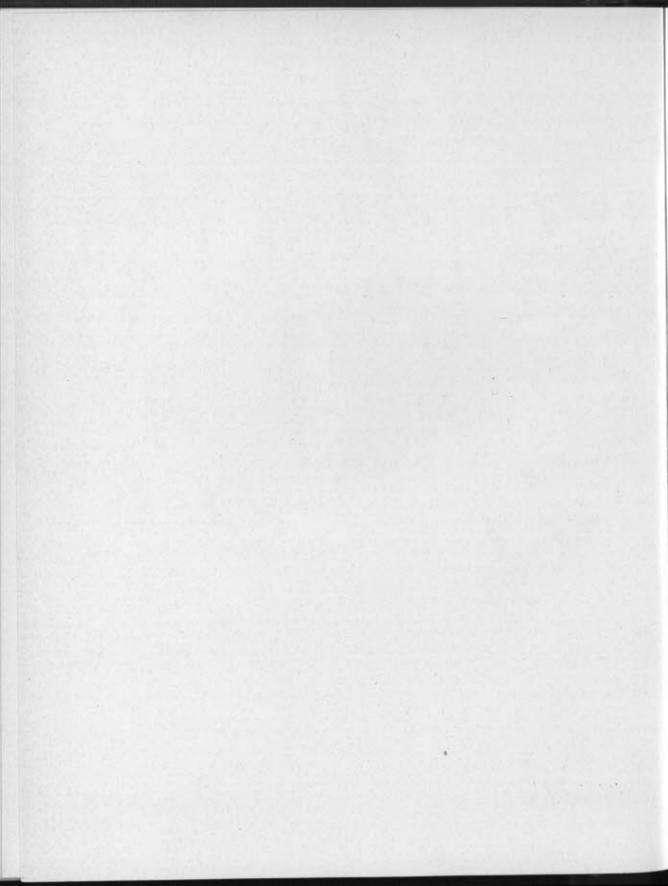
CHARLES ARTHUR RECORD
THOMAS GLEASON RICHARDS
MILES STANDISH RICHMOND
GARDNER ROGERS
JOHN CARLTON SHERMAN
CLIFFORD MELVILLE SWAN
ALFRED BALL TENNEY
GILBERT SANDERS TOWER
EVERETT PENDLETON TURNER
HOWARD CHUBBUCK TURNER
HARRY WARREN UPHAM
GEORGE REED WADSWORTH

264 Newbury Street

[126]

TIKALA PROBING - TO 114

EXHIBITING



Sigma Alpha Epsilon

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

CHAPTER ROLL

University of Maine . . Massachusetts Institute of Technology . Massachusetts Beta Upsilon . Massachusetts Gamma Worcester Polytechnic Institute Massachusetts Delta New York Alpha New York Alpha
New York Sigma Phi
Pennsylvania Omega
Pennsylvania Sigma Phi
Pennsylvania Alpha Zeta St. Stephens College Allegheny College
Dickinson College
Pennsylvania State College Pennsylvania Zeta Gettysburg College . . University of Pennsylvania University of Virginia Washington and Lee University Virginia Omicron Virginia Sigma . Washington City Rho George Washington University
University of North Carolina Davidson College South Carolina Gamma . . . Georgia Beta Georgia Psi Georgia Epsilon Emory College . Georgia Phi
Michigan Iota Beta
Michigan Alpha
Ohio Sigma Georgia School of Technology University of Michigan Adrian College
Mount Union College
Ohio Wesleyan University Adrian College Ohio Delta Ohio Detta
Ohio Epsilon
Ohio Theta
Ohio Rho
Indiana Alpha
Indiana Beta
Illinois Psi Omega University of Cincinnati
Ohio State University
Case School of Applied Science Northwestern University University of Illinois
University of Chicago
Central University
Bethel College
Kentucky State College Kentucky Iota Kentucky Epsilon Southwestern Presbyterian University . Cumberland University Vanderbilt University
University of Tennessee
University of the South Tennessee Kappa Tennessee Omega Southwestern Baptist University

Orono, Me. Boston, Mass. Boston, Mass. Cambridge, Mass. Worcester, Mass. Ithaca, N. Y. New York, N. Y. Annandale, N. Y. Meadville, Pa. Carlisle, Pa. State College, Pa. Lewisburg, Pa. Gettysburg, Pa. Philadelphia, Pa. Charlottesville, Va. Lexington, Va. Washington, D. C. Chapel Hill, N. C. Davidson, N. C. Spartansburg, S. C. Athens, Ga. Macon, Ga. Oxford, Ga. Atlanta, Ga. Ann Arbor, Mich. Adrian, Mich. Alliance, Ohio Delaware, Ohio Cincinnati, Ohio Columbus, Ohio Cleveland, Ohio Columbus, Ind. LaFayette, Ind. Evanston, Ill. Champaign, Ill. Chicago, Ill. Richmond, Kv. Russelville, Ky. Lexington, Ky. Clarksville, Tenn. Lebanon, Tenn. Nashville, Tenn. Knoxville, Tenn. Sewanee, Tenn. Jackson, Tenn. Tuscaloosa, Ala. Greensboro, Ala. [129]

Alabama Polytechnic Institute Auburn, Ala. Alabama Alpha Mu Oxford, Miss. University of Mississippi Mississippi Gamma Columbia, Mo. St. Louis, Mo. Lincoln, Neb. Missouri Alpha Washington University Missouri Beta Nebraska Lambda Pi Arkansas Alpha Upsilon University of Nebraska Fayetteville, Ark. Lawrence, Kan. Iowa City, Ia. Iowa Beta Austin, Tex. Boulder, Col. Denver University
Colorado School of Mines
Leland Stanford, Jr., University Denver, Col. Golden, Col. Colorado Gamma Palo Alto, Cal. California Alpha Berkeley, Cal. California Beta
Louisiana Tau Upsilon
Louisiana Epsilon New Orleans, La. Tulane University Baton Rouge, La. Minneapolis, Minn. Louisiana State University
University of Minnesota
University of Wisconsin Minnesota Alpha Madison, Wis. Wisconsin Alpha

Sigma Alpha Epsilon

MASSACHUSETTS IOTA TAU CHAPTER

JOSEPH GEORGE BACH
FRANK FREDERIC BELL
HERBERT HAND BENNETT
MORTIMER PERRY BURROUGHS
[Mo. B.]

Horace Little Clark

Langdon Coffin Nathan Lindell Coleman

[Col. X.]

LLOYD CARTWRIGHT COOLEY STEPHEN LOCK DAVIDSON WILLIAM HOWARD DUFFIELD ROYCE WHEELER GILBERT

[Minn. A.]

GORDON MERCER GILKISON LYNN SUMNER GOODMAN

[Penn. Z.]

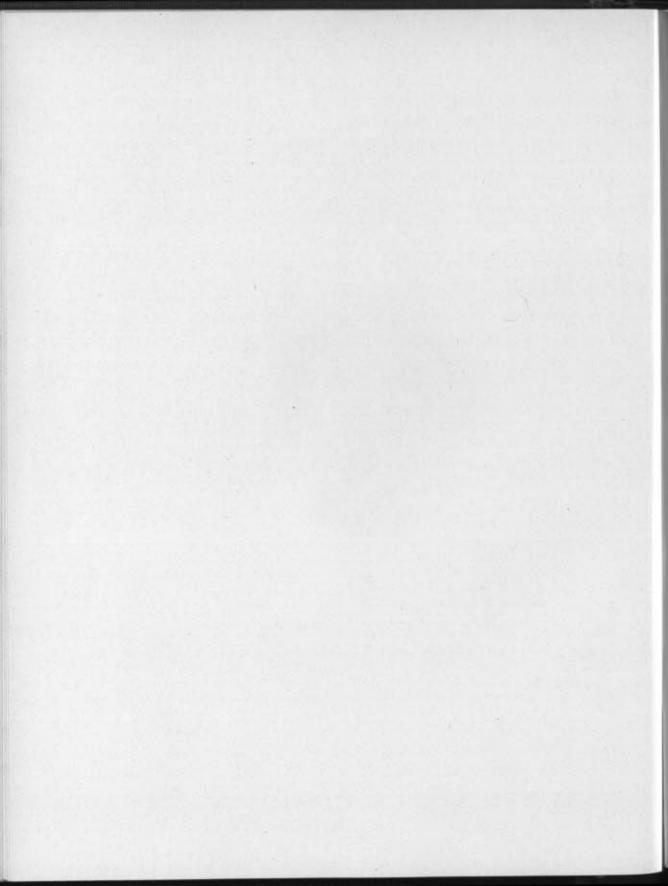
PHILLIP THOMAS HARRIS
JOSEPH KENTIGERN HEYDON
HAROLD CROSBY MANSEN
LINCOLN MAYO
REGINALD WILLIAM MILLARD
ALONZO LEMUEL MOSES
UTAR JAMES NICHOLAS
JOSEPH BLAIR SANDO
TOM WYNNE SAUL
HAROLD GRAY SOULE
OAK LEE THROCKMORTON
JOHN ALEXANDER URQUHART
EDWARD DEMMING VAN TASSEL, JR.
WILLIAM MOORE VAN VALKEN BURGH
[Ark. A. U.]

HARRY EMERSON WHITTAKER

263 Newbury Street



EXHIUSE MAL



Delta Tau Delta

ESTABLISHED AT BETHANY COLLEGE, 1859

CHAPTER ROLL

Southern Division

1	2				3	13	72	2	Vanderbilt University
11	4.0								University of Mississippi
P	-		4						Washington and Lee University
BE									Emory College
$B\theta$		7			经				University of the South
BI						13			University of Virginia
$B\Xi$							-		Tulane University
TH	1			36	1	12		23	George Washington University
TI									University of Texas

Western Division

0										University of Iowa
$B\Gamma$									- 27	University of Wisconsin
BH				3				M.	- 39	University of Wisconsin University of Minnesota
BK		1		1	1	7.0	V	74	- 23	University of Colorado
BII	- 1			-		74	100			Northwestern University
BP							4			Leland Stanford University University of Nebraska University of Illinois
BT			9	20					- 5	University of Nebraska
BY	03	13	2						3	University of Illinois
BQ					ng.				0	University of California
ΓA										University of Chicago
ΓB										Armour Institute of Technology
$\Gamma\theta$							3	٥		Baker University
I'K									N.	University of Missouri

Northern Division

B			10	1	4				Ohio University
4			0						University of Michigan Albion College
E							100	13	Albion College
Z	- 4					4			Adelbert College Hillsdale College
V	-			4	4	+		3	Hillsdale College
M									Ohio Weslevan I niversity
X					-		16		Kenyon College Indiana University
BA						9		-	Indiana University
BB						4			De Pauw University
BZ						8			De Pauw University University of Indianapolis
$B\Phi$		100				8		13	Ohio State University
I'4	99		в	m		0			Wabash College West Virginia University
$\Gamma \Lambda$									Purdue University

Eastern Division

A		-			2	98	12			Allegheny College
T N P T										Washington and Jefferson College
-			-		0			m.		T & M. C.D.
N								16		Lafayette College
P										Stevens Institute of Technology
***	0.7									D Delutechnie Institute
1				1			-		- 4	Rensselaer Polytechnic Institute
0	-									University of Pennsylvania
200										Y 1 . 1 Y
BA										Lehigh University
BM										Tufts College
										Mr. J. H. T. Chat. of Toohnology
BN		10						0		Massachusetts Institute of Technology
BO BX III IE										Cornell University
200	10			-	*	15				D Tito-it-
BX				12		20				Brown University
I^*I^*										Dartmouth College
1.1			170		*					Continuent Concept
ΓE	1							2	-	Columbia University
ΓZ	0							1		Wesleyan University

Delta Tau Delta

BETA NU CHAPTER

ESTABLISHED 1889

Fratres

CHARLES JOSIAH BELDEN	Lasley Lee
HERBERT SQUIRES CLEVERDON	JESSE WORTH MAXWELL
MARCUS JOHNSON COLE	JOHN MILLER
STUART BROWN COPELAND	EDWARD ARDREY NASH
GEORGE BARR CURWEN	EUGENE PHELPS
RUFUS COFFIN FOLSOM	NATHAN NEWBERRY PRENTISS
Louis Osborne French	ARTHUR LASELL SHAW
KEYES CHRISTOPHER GAYNOR	NORMAN HIGGINS STUBBS
CARL WILLIAM GRAM	CHARLES EDWIN WARE, JR.
Kenneth Greenleaf	RUSSELL DIEMER WELLS
CHARLES FOSTER HOBSON	ERNEST JOSEPH HILL WATERS
Beardsley Lawrence	ERNEST WHITTEN

Fratres in Urbe

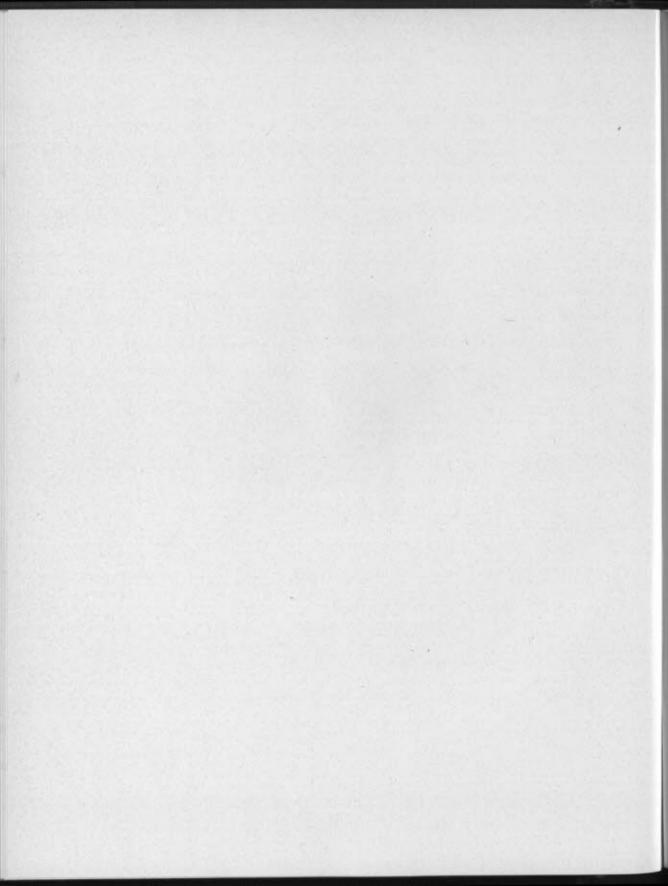
HANS BARKAN
ALBERT F. BANCROFT
RAYMOND J. BARBER
HAROLD P. BELKNAP
HARRY BLYTHE
H. J. BOTCHFORD
FRANK S. ELLIOT
HORACE S. HINDS
FRANK S. MACGREGOR
H. S. SHEPHERD

OSCAR STOVER

234 Newbury Street



Dreka.Phila (Copyright)



Phi Gamma Delta

ESTABLISHED 1848

Alpha	Washington and Jefferson College	Washington, Pa.
Lambda	De Pauw University	Greencastle, Ind.
	Dal I Call	
Nu	Bethel College	Russelville, Ky.
Beta Deuteron	Roanoke College	Salem, Va.
Omicron	University of Virginia	Charlottesville, Va.
Xi	Pennsylvania College	Gettysburg, Pa.
	All 1 C. II	Gettysburg, ra.
Pi	Allegheny College	Meadville, Pa.
Tau	Hanover College	Hanover, Ind.
Psi	Wabash College	Crawfordsville, Ind.
Omega	Columbia University	New York, N. Y.
	Till Try 1 Try 1	
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
	Indiana Ctata University	
Zeta	Indiana State University	Bloomington, Ind.
Delta Deuteron	Hampden-Sydney College	Hampden-Sydney, Va.
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	T. t C. D.	
	Lafayette College	Easton, Pa.
Sigma	Wittenburg College	Springfield, Ohio
Zeta Phi	William Jewell	Liberty, Mo.
Delta Xi	University of California	Berkeley, Cal.
Theta Psi	Calenta University	
Dalla Chi	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.
Kappa Nu	Cornell University	Ithaca, N. Y.
Mu Sigma	University of Minnesota	
Di Ci:		Minneapolis, Minn.
Rho Chi	Richmond College	Richmond, Va.
Beta Mu	Johns Hopkins	Baltimore, Md.
Kappa Tau	University of Tennessee	Knoxville, Tenn.
Pi lota	Worcester Polytechnic Institute	Worcester, Mass.
Nu Engles	Now York Delivering Histiate	
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	
DL: Take	University of Wisconsin	Madison, Wis.
Phi Iota	University of Illinois	Champaign, Ill.
Lambda Nu	University of Nebraska	Lincoln, Neb.
Chi Mu	University of Missouri	Columbia, Mo.
		[137]
		[101]

Omega Mu	University of Maine Orono, Me.
Sigma Tau	University of Washington Seattle, Wash.
Delta Nu	Dartmouth College
Sioma Nu	University of Syracuse Syracuse, N. Y.
Theta	University of Alabama Tuscaloosa, Ala.
Tau Delta	University of Texas Austin, Texas
Xi Delta	Adelbert College Cleveland, Ohio
Alpha Iota	Purdue University LaFayette, Ind.
Pi Rho	Brown University Providence, R. 1.
Chi Epsilon	Chicago University Chicago, Ill.
Alpha Theta	University of Michigan Ann Arbor, Mich.
Lambda Sigma	Leland Stanford, Jr., University Palo Alto, Cal.
Alpha Iota	Iowa State College Ames, Iowa

Phi Gamma Delta

IOTA MU CHAPTER

ESTABLISHED 1889

Fratre in Facultate

HENRY PAUL TALBOT

Fratres

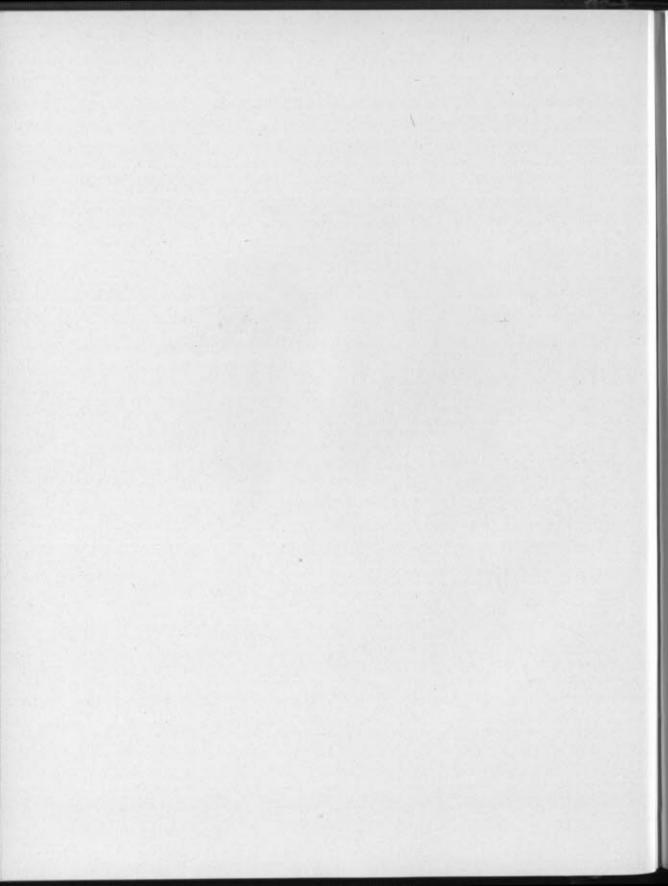
HAROLD SHELTON ARNOLD	ALBERT KIMBALL HUCKINS
JOHN AVERY, JR.	Louis Jacoby
HAROLD DEXTER BILLINGS	NORMAN NELSON
HENDLEY ROSS CALLAWAY	EDWARD NEWHALL
STUART CHASE	REVERE BURNHAM PULSIFER
ARTHUR EUGENE COUPAL	CHARLES WESTON RADFORD
JOHN CLINGAN FIRMIN	Webster Richardson
ARTHUR LIVERMORE GARDNER	FRANZ SCHNEIDER, JR.
Russell Hastings	WILLIAM McNair Schofield
CLIFFORD CHASE HIELD	JAMES STUART SNEDDON

RALPH COLLINS WALTER

12 Newbury Street



LAWRISH HILA



Phi Sigma Kappa

ESTABLISHED 1873

CHAPTER ROLL

Alpha	Massachusetts Agricultural College	Amberst, Mass.
Beta	Union University	Albany, N. Y.
Gamma	Cornell University	Ithaca, N. Y.
Delta	West Virginia University	Morgantown, W. Va.
Epsilon	Yale University	New Haven, Conn.
Zeta	College of the City of New York	New York City
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.
	And the second s	Williamstown, Mass.
	Williams College	
Psi	University of Virginia	Charlottesville, Va.

Phi Sigma Kappa

OMICRON CHAPTER ESTABLISHED 1902

Fratres

WILLIAM CLARK ARKELL Louis Gilbert Beers MERTON BELCHER FRANCIS GOODWIN BELIVEAU HARRY LESTER MANLEY
ROGER TALBOT BOYDEN IRVING RUDOLPH PRAY ROGER TALBOT BOYDEN

EUGENE LE VERT BROWN, JR.

RUDOLF WILLIAM RIEFKOHL JOHN ANDERSON CHRISTIE PAUL ELLIS THOMPSON

GUY NICHOLS HARCOURT RALPH WARREN HORNE IRVING PATTERSON KANE

MELVILLE KAISER WEILL

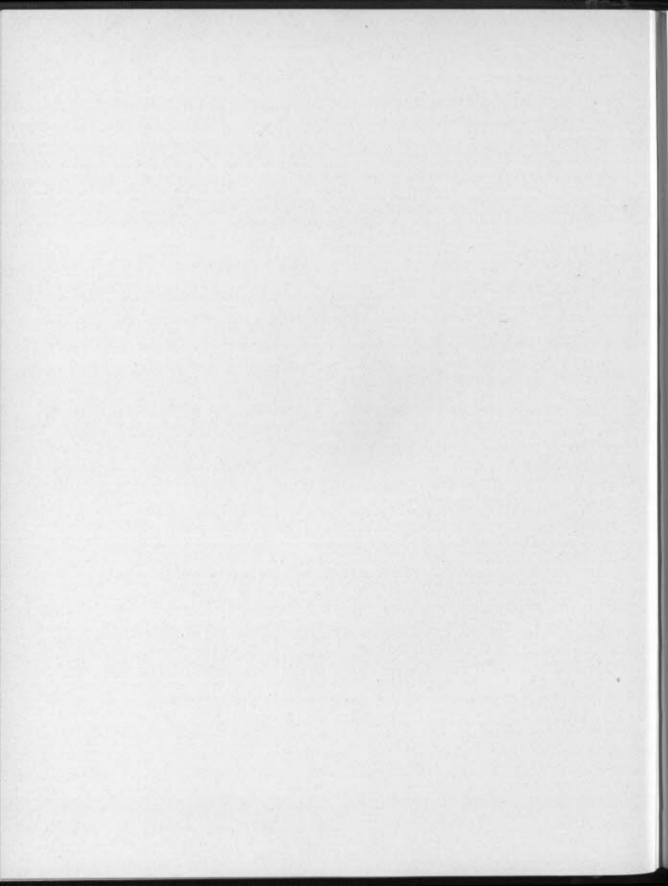
Fratres in Urbe

CHARLES EVERETT ALLEN HAROLD GILLIAND CRANE EDMUND HINCKS SQUIRE

JOHN BRAYTON HARLOW



LAMPBURG



Theta Chi

FOUNDED AT NORWICH UNIVERSITY, 1856

CHAPTER ROLL

Alpha Norwich University
Beta Massachusetts Institute of Technology

Theta Chi

BETA CHAPTER

ESTABLISHED 1902

Members Zeta Chapter

ROBERT FIELD BURNETT
CHESTER COLSON
MITCHELL JOSEPH DALY
HUBERT WILLIAM FLAHERTY
FRANK EDWARD GOODNOW
SHERMAN LOUGEE
JOHN HAROLD LOCKE

GEORGE JOSEPH McTIGUE
ROBERT THOMAS POLLOCK
WALTER EVERETT POOR
FOSTER RUSSELL
CLARENCE HALL SOUTHERLAND
CHESTER LARKUM STANDLEY
JOHN CULLITON TUTTLE

JOSEPH HENRY WHITE

Fratres in Urbe

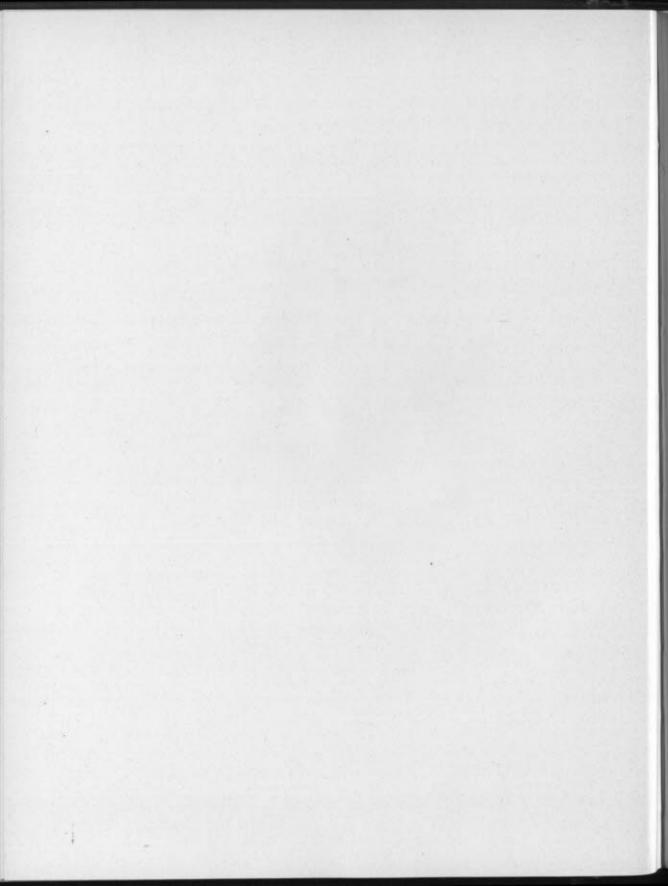
G. F. ABBOTT
HERBERT R. BRIGGS
GEORGE H. CHAPIN
EDWARD W. CLARK
S. B. CLOGSTON
W. B. FARRINGTON
H. A. GILLETTE
J. ALBERT HOLMES
EDWARD R. HYDE
C. E. JOHNSON

BURTON W. KENDALL
J. W. KIDDER
J. H. LADD
CLARENCE E. LASHER
HERMAN W. MAHR
ROLAND E. PAGE
A. M. PARKER
RALPH O. REED
GUY RUSSELL
E. J. SCRIBNER

PAUL BARON WEBBER



CAMBOTONIA



Phi Kappa Sigma

FOUNDED AT UNIVERSITY OF PENNSYLVANIA IN 1850

CHAPTER ROLL

Detta Chapter Epsilon Chapter I Zeta Chapter I Lota Chapter I Lota Chapter Mu Chapter Rho Chapter Rho Chapter Tau Chapter Upsilon Chapter Phi Chapter Phi Chapter Phi Chapter Alpha Alpha Chapter Alpha Gamma Chapter Alpha Delta Chapter Alpha Epsilon Chapter Alpha Epsilon Chapter Alpha Theta Chapter Alpha Theta Chapter Alpha Theta Chapter Alpha Kappa Chapter Alpha Kappa Chapter Alpha Lambda Chapter Alpha Mu Chapter Alpha Mu Chapter Alpha Nu Chapter Alpha Nu Chapter Alpha Nu Chapter Alpha Ni Chapter Alpha Ni Chapter	University of Pennsylvania Washington and Jefferson College Dickinson College Franklin and Marshall College University of Virginia Columbia College Tulane University University of Illinois Randolph Macon College Northwestern University Richmond College Pennsylvania State College Washington and Lee University West Virginia University University of Maine Armour Institute of Technology University of Maryland University of Wisconsin Vanderbilt University University of Alabama University of California Mass. Institute of Technology Georgia Institute of Technology Purdue University	Washington, Pa. Carlisle, Pa. Lancaster, Pa. Albemarle Co., Va. New York City New Orleans, La. Urbana, Ill. Ashland, Va. Evanston, Ill. Richmond, Va. State College, Pa. Lexington, Va. Morgantown, W.Va. Orono, Me. Chicago, Ill. Baltimore, Md. Madison, Wis. Nashville, Tenn. Tuscaloosa, Ala. Berkeley, Cal. Boston, Mass. Atlanta, Ga. LaFayette, Ind
Alpha Nu Chapter	Georgia Institute of Technology Purdue University University of Michigan	Atlanta, Ga. LaFayette, Ind. Ann Arbor, Mich.
Alpha Pi Chapter	University of Chicago ,	Chicago, Ill.

ROLL OF ALUMNI CHAPTERS

Philadelphia Alumni Richmond Alumni Chicago Alumni

New York Alumni Pittsburg Alumni Baltimore Alumni

New Orleans Alumni

Phi Kappa Sigma

ALPHA MU CHAPTER

ESTABLISHED 1903

Fratres in Facultate

DUGALD C. JACKSON

WILLIAM H. WALKER

NELS J. LENNES

Fratres

Frank Adams Baker
OLIN VIVIAN CHAMBERLIN (4)
BENJAMIN WARREN DOW
GEORGE IRVING EMERSON
PAUL EDMUNDS FERNALD
ALFRED HAGUE
ELWELL RANSOM JACKSON
EDWIN KENYON JENCKES
JAMES BOWEN NOBLE

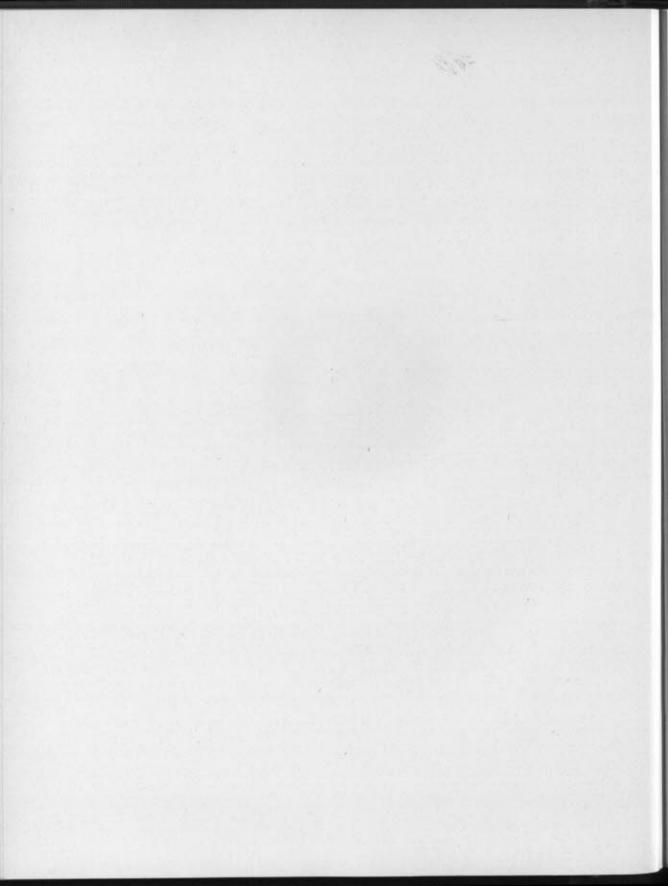
ALFRED INGERSOLL PHILLIPS, JR.
ELLERY EARLE ROOT
HERMAN CARSTEN SCHRIEFER
CHARLES MULLEN STEESE (E)
ABBOT HOWE THOMPSON
FRANKLIN THOMPSON TOWLE
GEORGE WEINHAGEN, JR.
LELAND EDWARD WEMPLE
WILLIAM CHARLES WEST

Fratres in Urbe

HERBERT L. ADAMS
WILLIAM A. ADAMS
WILLIAM C. ADAMS
CHARLES E. ABBOTT
GEORGE G. CROCKER
LLEWELLYN W. EDWARDS
WESLEY C. ELLIOTT
ALEXANDER ELLIS, JR.
ROBERT D. FARRINGTON

HAROLD P. FARRINGTON
PERCY L. HANDY
HARRY A. HATFIELD
FREDERICK F. HYDE
WALTER A. SWALLOW
CHARLES F. UNDERHILL
DAVID H. WALKER
CLAY MACCAULEY
WILLIAM O. LICHTNER





Delta Sigma Phi

FOUNDED 1900 AT COLLEGE OF THE CITY OF NEW YORK

CHAPTER ROLL

Insula					College of the City of New York	New York City
Columbia	,				Columbia University	New York City
University			8		New York University	New York City
Technology					Massachusetts Institute of Technology	Boston, Mass.
Stonewall .		×		4	Washington and Lee University	Lexington, Va.

Delta Sigma Phi

DELTA CHAPTER

ESTABLISHED 1905

Fratres

EDWARD TABER ALMY, JR.
CLIFFORD HALL BOYLSTON
JAMES KENNETH CAMPBELL
JOHN THAYER ELLSWORTH
CHARLES ALPHONSUS GIBBONS, JR.
HAROLD MAURICE HALLETT
NEWTON LEROY HAMMOND
EMIL THEODORE HENIUS
RICHARD CLARK JACOBS, JR.
RAYMOND WEISS JACOBY
HARRY CHESTER LORD
LAWRENCE GLEASON ODELL

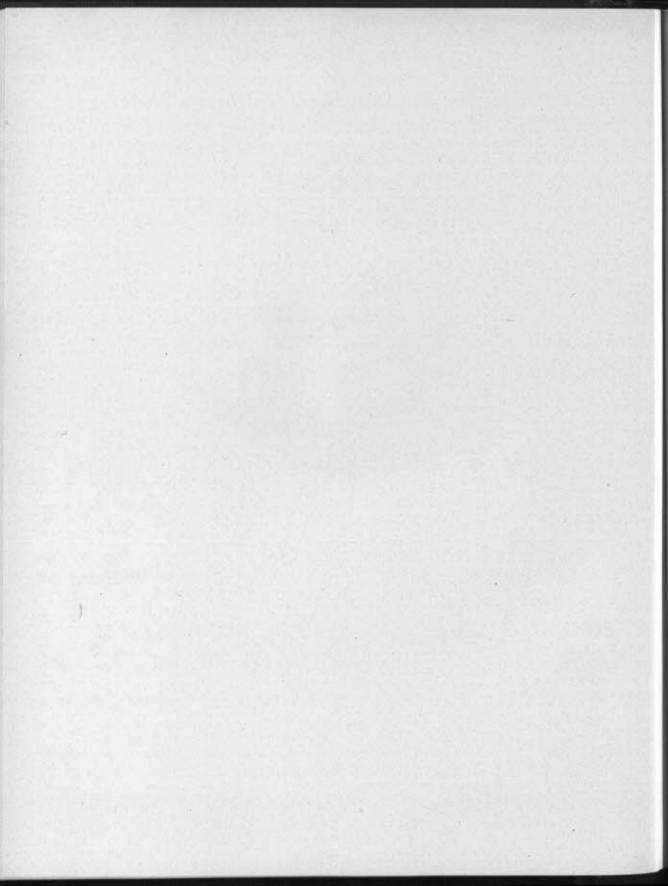
WILLIAM JOHN O'HEARN
PAUL HENRY PEARSON
FREDERIC BECKER SCHMIDT
HAROLD SHARP
STEWART SWAN SOUTHGATE
HERBERT JOSEPH STIEBEL
EDWARD STUART
JAMES GREGORY TRIPP
WILLIAM RATCLIFFE WALDO
WILLIAM WEATHERBY WARNER
RICHARD PARKER WATSON
ROBERT KENDRICK WRIGHT

Fratres in Urbe

WILLIAM O. AMES ALBERT A. BLODGETT WALTER M. BUTTS ALLAN R. CULLIMORE HOBERT W. FRENCH ABRAM H. GINZBERG ROYAL R. HEUTER HERBERT B. HOSMER HARRY C. MERRIAM ARTHUR K. TYLEE



CHIEFTEN



Alpha Tau Omega

FOUNDED AT VIRGINIA MILITARY INSTITUTE IN 1865

CHAPTER ROLL

Alpha Beta	Province I University of Georgia Alabama Polytechnic Institute Mercer University Emory College University of Florida Southern University University of Alabama Tulane University Georgia School of Technology University of Texas	Athens, Ga. Auburn, Ala. Macon, Ga. Oxford, Ga. Gainesville, Fla. Greensboro, Ala. Tuscaloosa, Ala. New Orleans, La. Atlanta, Ga. Austin, Tex.
Alpha Mu Beta Kappa Beta Lambda Beta Omieron Gamma Gamma Gamma Zeta Gamma Xi Gamma Omieron Gamma Tau	Province II Adrian College Hillsdale College University of Michigan Albion College Rose Polytechnic Institute University of Illinois University of Chicago Purdue University University of Wisconsin	Adrian, Mich. Hillsdale, Mich. Ann Arbor, Mich. Albion, Mich. Terre Haute, Ind. Champaign, Ill. Chicago, Ill. Lafayette, Ind. Madison, Wis.
Beta Alpha Gamma Theta Gamma Iota Gamma Lota Gamma Lambda Gamma Mu Gamma Nu Gamma Pi Gamma Rho	Province III Simpson College University of Nebraska University of California University of Colorado University of Kansas University of Minnesota University of Washington University of Washington	Indianola, Iowa Lincoln, Neb. Berkeley, Cal. Boulder, Col. Lawrence, Kan. Minneapolis, Minn. Seattle, Wash. Columbia, Mo.
Beta Gamma Beta Zeta Beta Upsilon Gamma Alpha Gamma Beta Gamma Delta Gamma Sigma	Province IV Massachusetts Institute of Technology University of Vermont University of Maine Colby College Tufts College Brown University Worcester Polytechnic College	Boston, Mass. Burlington, Vt. Orono, Me. Waterville, Me. Medford, Mass. Providence, R. I. Worester, Mass.
Tau Alpha Iota Alpha Lambda Alpha Comicron Alpha Pi Alpha Rho Alpha Upsilon Beta Theta	Province V University of Pennsylvania Muhlenburg College Columbia University St. Lawrence University Washington and Jefferson College Lehigh University Pennsylvania College Cornell University	Philadelphia, Pa. Allentown, Pa. New York City Canton, N. Y. Washington, Pa. South Bethlehem, Pa Gettysburg, Pa. Ithaca, N. Y.
Beta	Province VI Washington and Lee University University of Virginia Trinity College University of North Carolina College of Charleston	Lexington, Va. Charlottesville, Va. Durham, N. C. Chapel Hill, N. C. Charleston, S. C.
Alpha Mu Alpha Psi Beta Eta Beta Mu Beta Omega Gamma Kappa	Province VII Mt. Union College Wittenburg College Wesleyan College Wooster University Ohio State University Western Reserve University	Alliance, Ohio Springfield, Ohio Delaware, Ohio Wooster, Ohio Columbus, Ohio Cleveland, Ohio

Province VIII

Pi							University of Tennessee Knoxville, Tenn.
Omega .							University of the South Sewanee, Tenn. Clarksville, Tenn.
Alpha Tau		1					Southwestern Fresbyterian Chirocolly
Beta Pi							
Beta Tau	-		100	2		-	Southwestern Baptist University Jackson, Tenn.

Alumni Asociations

Allentown Alumni Atlanta Alumni Birmingham Alumni Boston Alumni California Alumni Cincinnati Alumni Cincinnati Alumni Cleveland Alumni Colorado Alumni Columbus Alumni Dallas Alumni Dayton Alumni
Detroit Alumni
District of Columbia Alumni
Georgia Alumni
Indiana Alumni
Kansas City Alumni
Los Angeles Alumni
Louisville Alumni
Manilla Alumni
Minnesota Alumni
Montgomery Alumni
Montgomery Alumni

New York Alumni Philadelphia Alumni Pittsburg Alumni Reading Alumni Savannah Alumni South Carolina Alumni St. Louis Alumni Texas Alumni Washington Alumni Western Carolina Alumni

Alpha Tau Omega

BETA GAMMA CHAPTER

ESTABLISHED 1885

Fratres

ROY MAXWELL ANDERSON
ROBERT SAMUEL BREYER
EBEN WHITNEY CHAFFEE
CLIFTON NATHAN DRAPER
LEANDER ALLEN DOW
FLINT CUMMINGS ELDER
HERBERT CHARLES ELTON
WILLIAM CRAIG FERGUSON
RICHARD FREDERIC GOODWIN, JR.
ELBERT DANIEL GREENE
HAROLD WILEY GRISWOLD
VICTOR CARL GRÜBNAU

EUGENE L. GRUNSKY [Cal. IT]
EUGENE ALEXANDER HUNT
GARNETT ALFRED JOSLIN
SCOTT PRESCOTT KIMBALL
EBNEST MOORE LOBING
ALEC NEWTON PENNY
EDWIN MORGAN PRICE
RALPH TUCKER REGNELL
WILL ROBINSON REILLY
ROGER MINER SPENCER
WILLSON YOUNG STAMPER, JR.
CURTIS CHRISTOPHER WEBB

Fratres in Urbe

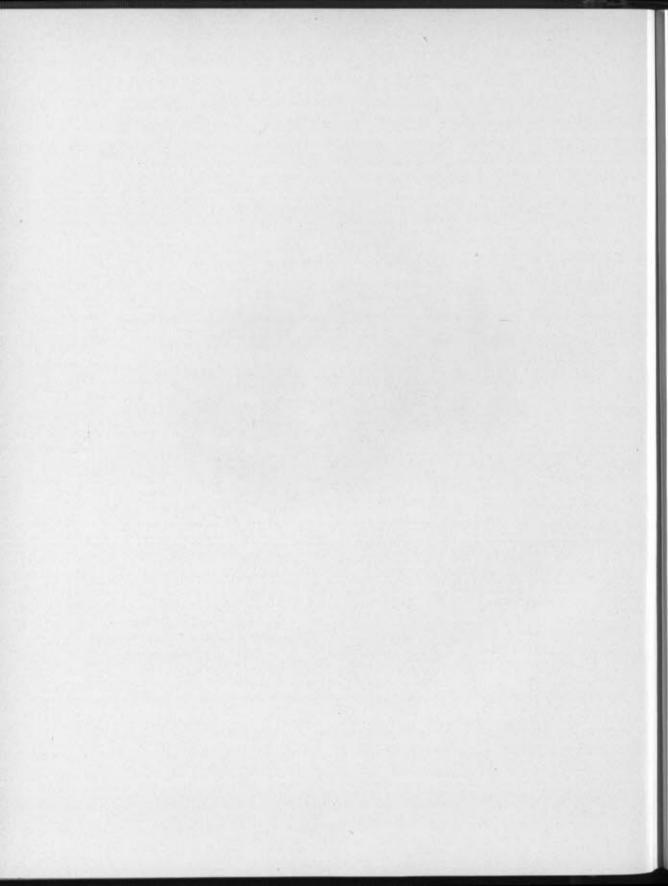
HENRY F. BIGELOW
WALTER H. GLEASON
WALTER BRAYTON GONDER
CLARENCE DECATUR HOWE

FRANK D. NEILL BRYANT NICHOLS EMERSON HEARD PACKARD RUSSELL ROBB

CHARLES D. UNDERHILL



CANSON NEW



Theta Delta Chi

ESTABLISHED 1848

THE CHARGES

Beta	1	3		50	Cornell University
Gamma Deuteron					University of Michigan
Delta Deuteron .					University of California 1900
Epsilon					College of William and Mary 1853
Zeta					Brown University
Zeta Deuteron .				33	McGill University 1901
Eta					Bowdoin University
Eta Deuteron			Q.	33	Leland Stanford, Jr., University 1903
Theta Deuteron .			i di	16	Massachusetts Institute of Technology 1890
Iota				200	Harvard University
Iota Deuteron					Williams College
Kappa					Tufts College
Lambda	9			8	Boston University
Mu Deuteron					Amherst College
Nu Deuteron					Lehigh University
Xi	G				Hobart College
Omicron Deuteron				17	Dartmouth College 1869
Pi Deuteron				12	College of the City of New York 1881
Rho Deuteron .				80	Columbia University
Sigma Deuteron .					University of Wisconsin
Tau Deuteron .				3	University of Minnesota
Phi					Lafayette College
Chi					University of Rochester
Chi Deuteron					George Washington University 1896
Psi					Hamilton College

Theta Delta Chi

THETA DEUTERON CHARGE

ESTABLISHED MARCH 21, 1890

Fratre in Facultate

NATHAN R. GEORGE

Fratres

John Renshaw Carson
Maurice Scott Chapin
Arthur Franklin Conant
James Hamilton Critchett
Karl Dickson Fernstrom
Paul Reed Fleming
Arthur Franklin Glasier
Newman Ballard Gregory
Clarence Ronald Lamont
Paul Burton Lord

SAMUEL NORMAN MCCAIN
HENRY FRANKLIN MILLER, 2D
ALFRED GRIFFIN PLACE
JOHN ALBERT PROCTOR
BERGEN REYNOLDS
BURR ARTHUR ROBINSON
JOHN THEODORE TOBIN
RALPH MARTIN TORREY
ARTHUR WILLIAM UNDERHILL, JR.
CHARLES WILLIAM WALLOWER

HOWARD DAVID WILLIAMS

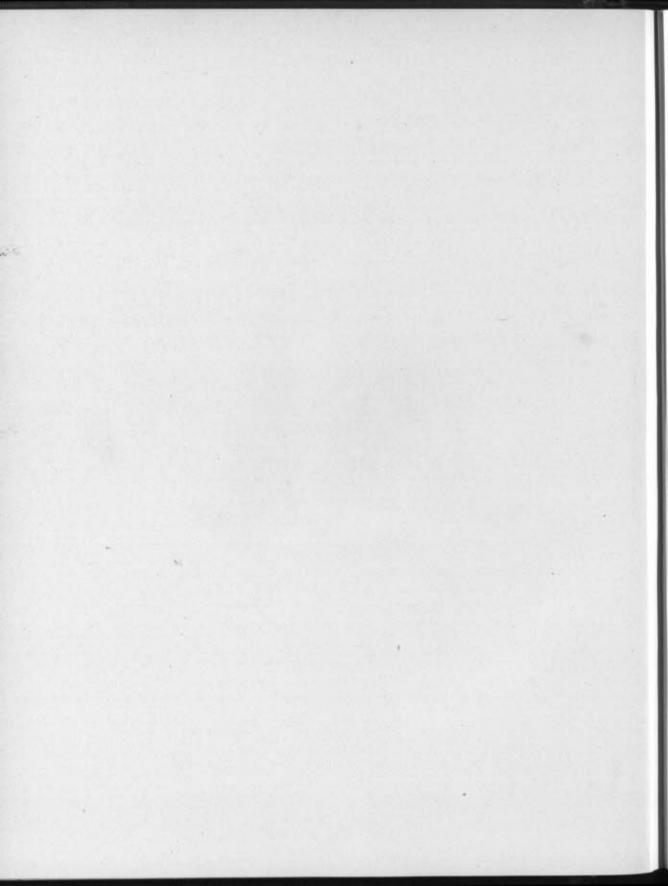
Fratres in Urbe

EDWARD E. ALLEN
GEORGE W. CRAIGIE
WALTER D. DAVOL
WILLIAM HOLLIS GODFREY
ROBERT HOWE
JAMES W. KELLOGG
KENNETH LEAVENS

HARRY L. MOODY
GEORGE T. PALMER
JACOB W. POVINGTON
CLARENCE N. STONE
HAROLD O. STEWART
CLARENCE H. SPIEHLER
J. JOSEPH TOBIN

262 Newbury St.





Lambda Phi

LOCAL AT TECHNOLOGY

Lambda Phi

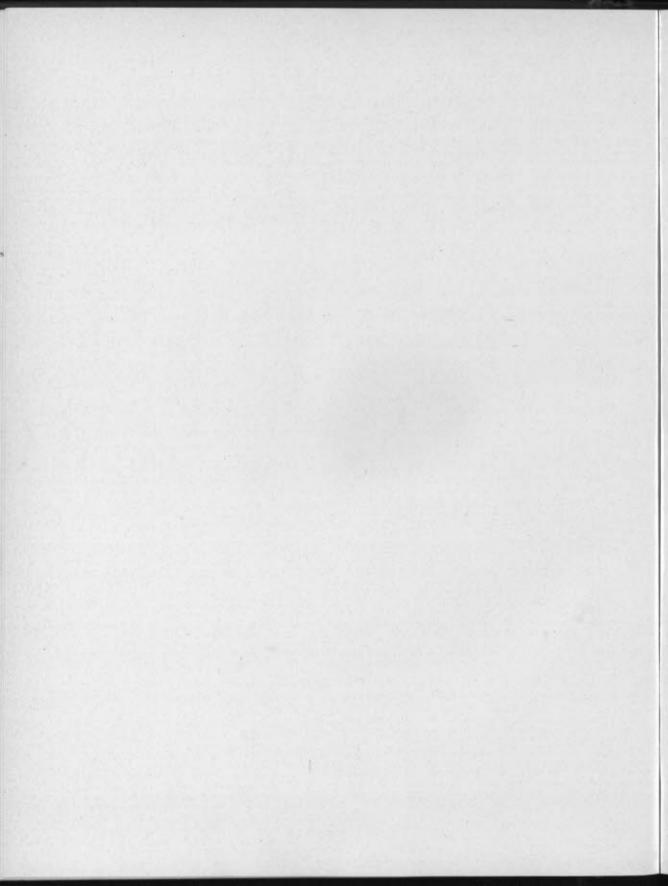
ESTABLISHED 1906

Fratres

MYRON MATHEWS DAVIS
FREDERICK ARCHIBALD DEWEY
HERBERT THURSTON GERRISH
HAMILTON ALEXANDER HIGBIE
WILLIAM JAMES KELLY
RUSSELL MACK
JOHN LAVELLE MCALLEN
HAROLD McCready
CHARLES HUDSON SAYRE MERRILL
RAYMOND WASHINGTON PARLIN
CHARLTON DASCOM PUTNAM
EDGAR IRVING WILLIAMS



CHIMINITAL





Alpha Delta Phi	Claude T. Wilson ,	Amherst College
Beta Theta Pi	Kenneth J. Campbell	Denison University
	F. W. Willey ,	Purdue University
Delta Kappa Epsilon	Karl R. Kennison	Colby University
	F. A. Burton	Bowdoin College
Delta Tau Delta	R. B. Anthony	University of Wisconsin
Delta Upsilon	Angus E. Burt	Middlebury College
Phi Delta Theta	Ballard Y. Burgher	University of Texas
	George D. Whittle	Southwestern University
Phi Nu Theta	Arthur S. Douglas	Wesleyan University
	James M. Talbot	Wesleyan University
Pi Kappa Alpha	J. G. Reid	Southwestern University
Phi Kappa Psi	Howard W. Congdon	Brown University
	Lockwood J. Towne	De Pauw University
Sigma Alpha Epsilon	Alexander C. Sloss, Jr	University of Missouri
Theta Delta Chi	George T. Palmer	University of Rochester
	Harold O. Stewart	University of Rochester
Zeta Psi	Carleton W. Hubbard	Williams College
	Frank S. McClintock	Yale University
	Edward F. Merrill	Cornell University
	Willard B. Van Inwegen	Williams College
	Honorary Societies	
Phi Beta Kappa	Karl R. Kennison	Colby University
	George Schobinger	Chicago University
	Edmund Leon Warren	Yale University.

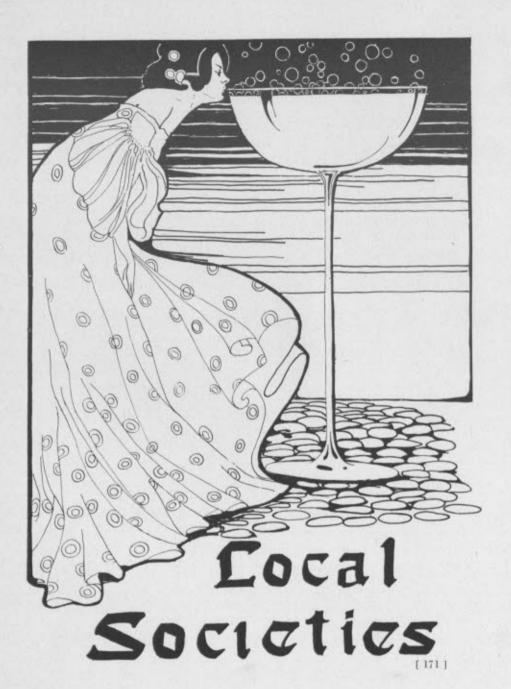


Sigma Chi												19
Theta Xi Delta Psi												14
Delta Psi												-50
Chi Phi												24
Delta Kappa Epsilon												23
Phi Beta Epsilon												28
Delta Upsilon												21
Sigma Alpha Ensilon												98
Sigma Alpha Epsilon Delta Tau Delta												24
Phi Campus Dalts					+							21
Phi Gamma Delta Phi Sigma Kappa												15
Pin Sigma Kappa							E					
I neta Uni						~						15
Phi Kappa Sigma .									В			18
Delta Sigma Phi												24
Alpha Tau Omega												55
Theta Delta Chi												21
Lambda Phi												12
CHARLES WILL D												349

Percentage of Fraternity Men at Technology

97							ď.,	of Man	Day Cant I	Year					N		of Men	Per Cent
Year						- 1	40		Per Cent									
1885-86			5-					52	8.5	1897-98							173	14.4
1886-87								42	8.9	1898-99				8		W.	189	16.1
1887-88									6.1	1899-00				3			216	18.4
1888-89	S.							45	5.4	1900-01							213	17.9
1889-90		33						93	10.8	1901-02	V						245	17.1
1890-91						į.		158	16.0	1902-03							274	16.9
1891-92									17.1	1903-04							265	17.3
1892-93									18.8	1904-05		63					340	21.7
								191	16.5	1905-06							335	22.4
1894-95									16.9	1906-07							363	25.9
1895-96								192	. 16.2	1907-08							349	24.7
1896-97	9		85					189	15.8									

[170]



张 多

Members

CLARENCE RONALD LAMONT
DOUGLAS BENNETT TURNER
WILLIAM CARUTHERS KERR
RAYMOND EDWARD DRAKE
WALTER HARWOOD BYRON
ALFRED BENNETT BABCOCK
JOHN THAYER ELLSWORTH
MAURICE ROOS SCHARFF
LAWRENCE CHARLES HAMPTON
RUFUS WILLIAM G. WINT

WILLIAM JAMES KELLY
JAMES McGOWAN, JR.
CHESTER HENRY POPE
ROBERT SAMUEL BREYER
ALTON LESLIE DICKERMAN, JR.
THORNWELL FAY, JR.
RAFAEL ADOLPH BECKMANN
DESAIX BROWN MYERS
EUGENE STEWART ANDERSON
JAMES HAMILTON CRITCHETT

Associate Members

ARTHUR A. BLANCHARD ARTHUR A. NOYES MILES S. SHERRILL CHARLES R. BRAGDON JOHN F. NORTON ROBERT S. WILLIAMS

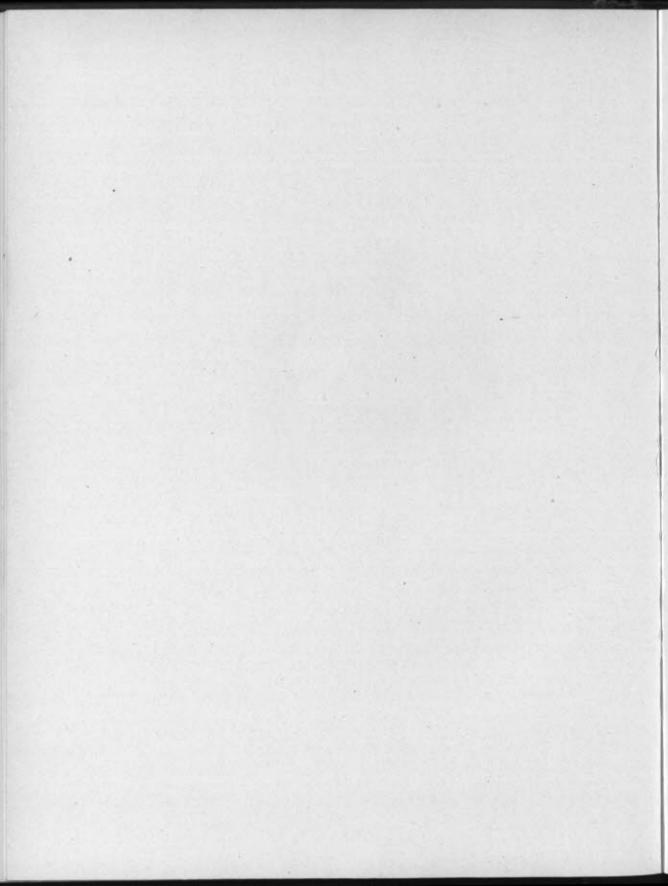
Honorary Members

JOHN ALDEN
FRED L. BARDWELL
CHARLES R. CROSS
HENRY FAY
AUGUSTUS H. GILL
HEINRICH O. HOFMAN
FREDERICK R. KNEELAND
G. RUSSELL LINCOLN
ARTHUR D. LITTLE
F. JEWETT MOORE
RICHARD H. LODGE
SAMUEL P. MULLIKEN

James F. Norris
Arthur A. Noyes
Thomas E. Pope
Samuel C. Prescott
Henry S. Pritchett
Robert H. Richards
William T. Sedgwick
Henry P. Talbot
Frank H. Thorp
William H. Walker
Charles H. Warren
Willis R. Whitney



LANGUERICA



Osiris



HENRY SMITH PRITCHETT
ALFRED EDGAR BURTON
JAMES PHINNEY MUNROE
ISAAC WHITE LITCHFIELD
FRANK HENRY RAND
ARTHUR AMOS NOYES

WILLIAM ALEXANDER ADAMS
MAURICE EVERETT ALLEN
JOHN STETSON BARNES
CLIFFORD HALL BOYLSTON
BASIL LOVIBOND GIMSON
WILLIAM BARNES GIVEN, JR.
GEORGE THUMMEL GLOVER
HENRY WILLIAM HOOLE

CLARENCE RONALD LAMONT
FRANCIS HARRINGTON McGUIGAN
THOMAS WHITLEY ORR
HENRY RICE PUTNAM
HARRY ANDREW RAPELYE
JOHN THEODORE TOBIN
KURT VONNEGUT
HARRY WEBB

CHANNING TURNER

M. S. CLARK

A. H. VAN KEUREN

J. S. BARNES

G. C. WESTERVELT

C. A. HARRINGTON

H. S. HOWARD

L. T. WALKER

G. H. REPPERT

LEE HAGOOD

A. K. MITCHELL

W. P. DRULEY

J. J. ELBERT

W. CAMP

J. R. CARSON

A. B. COURT

J. C. SWEENEY

J. O. GAWNE

L. BORDER

G. T. BRIDGMAN

PHIFER SMITH



1 176 1



ROUND TABLE

King Arthur
ROBERT FARRINGTON MAXCY

Queen Guinever Philip Hart

Merlin

Douglas Crawford McMurtrie

Knights

SIR LAUNCELOT FORRESTER AVERY
SIR GALAHAD CHARLES EATON CREECY
SIR GAWAIN GEORGE MACKAY RHODES

1910

FORRESTER BARSTOW AVERY
BRAXTON BIGELOW
CHARLES EATON CREECY
PHILIP HART
CLIFFORD CHASE HIELD
HAROLD LOCKETT
ROBERT FARRINGTON MAXCY
DOUGLAS CRAWFORD MCMURTRIE
BERGEN REYNOLDS
GEORGE MACKAY RHODES
TOM WYNNE SAUL
NATHANIEL STEVENS SEELEY

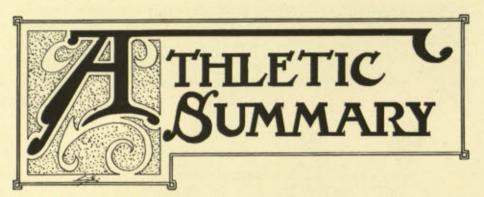
1911

MALCOLM BRUCE BROWNLEE
LOUIS DE FLOREZ
WILLIAM CONYE SALISBURY
HUBERT STACEY SMITH
STUART BROWN COPELAND

1 177 1







FTER the abolition of 'varsity football in 1901 a mistaken idea crept abroad, which has given the Institute a reputation as a resort for grinds, and that nobody here has time or energy to spare for athletics. This idea is refuted by the good records of our teams during the past year. Never before in the history of the Institute have

athletics in general been so successful.

The branch which receives most attention is track. At the Intercollegiate games in Worcester, Tech, with a badly crippled team, set a lively pace for her opponents, and succeeded in breaking two records, as well as capturing fourth



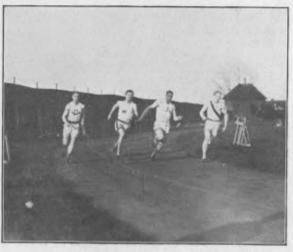
FINISH 440

place. Had our men in the field events been as good as the runners, there would have been a more exciting race for first place. The 'varsity relay team has won honors for the Institute in every [180]

race. At the Pennsylvania games, in Philadelphia, it defeated Wesleyan by thirty yards; in the B. A. A. games it defeated

Williams in the fastest time made that evening, and at the Lawrence Light Guard meet it broke the track record unpaced. The meet with Brown is not as pleasant a memory, but our defeat there was largely due to the excellence of one of the Brown men.

The cross country team has had fair sup-



220 AT WORCESTER, CARL GRAM AT THE POLE

port, and while it has not won any of its contests, those who have taken an interest in the team see bright prospects for next year.



RAY ALLEN

The class meets have brought many new men to the front, and with these and the old stars the coming season looks very favorable indeed.

The basket-ball team comes in for its share of the honors this year; the team has received better support from the students than ever before, and it has also had the support of the Athletic Association. During the

midyear trip to New York a large number of exciting games were played, some of them requiring an extra period to decide



TOMMY ORR

them. The number of allbut-victories was large, most of the games being lost by one or two points.

Our hockey team had an almost clean record, meeting defeat but twice during the season, Yale and Princeton being the lucky ones. It also had great success in its New York trip, and proved to be almost self-supporting.

Technology has at last been admitted to the Intercollegiate Fencing Associa-

tion, and has shown its mettle by defeating Harvard in the preliminary tournament in Boston, thereby winning the right to

take part in the finals at New York. The outlook of the team is very encouraging for next year, as all the men now fencing will be back.

Tech won



CROSS COUNTRY AT PRINCETON

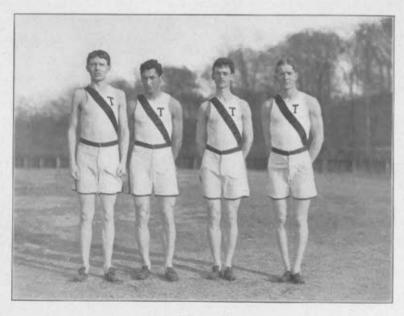
championship in both singles and doubles at the New England Intercollegiate games last May. In the Intercollegiate

golf championship we were not as successful, losing to Dartmouth and Williams.

The new Athletic Association governs all athletics. It consists of the captains and managers of the various teams, together with five representatives from each class, elected by their respective classes.



R. W. Ferris Manager Cross Country Team



'06-'07 RELAY TEAM

Frank M. Kanaly

AFTER the resignation of J. F. Mahan as coach of athletics at the Institute the outlook for a good coach was not bright; but success and good fortune rewarded the efforts of the Asso-

COACH FRANK KANALY

ciation, and they finally secured the services of the veteran, Frank M. Kanaly.

Mr. Kanaly has had a very broad experience in this line, having served two years as coach in Colby College, two years in Noble and Greenough's School, and two years at Tuft's College, from which place he resigned to go to the "Young Men's Gymnastic Club" in New Orleans, as track coach and physical director. The climate in Louisiana did not agree with Mr.

Kanaly and he was obliged to return to Boston, where he took charge of athletics at the Institute in October, 1907.

As an athlete Mr. Kanaly stands near the top; while an amateur he won twenty-two firsts, seven seconds, and four thirds in all events from one hundred yards to ten miles. As a professional he has many records to his credit and has issued a challenge to run any American athlete any distance from eight hundred and eighty yards to five miles, which, as yet, has not been accepted.

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The Advisory Council's decision is final in all Athletic affairs.

OFFICERS

Chairman

F. H. Briggs, '81

Secretary and Treasurer

R. S. Franklin, '03

Representatives from M.I.T. Alumni

J. A. ROCKWELL, '96 J. L. BATCHELDER, JR., '90

Representatives from Undergraduates

J. T. Tobin, '08 G. T. Glover, '08 C. W. Gram, '09





M.I.T.A.A.

The M. I. T. A. A. has been reorganized and now has almost full control of the athletics at the Institute. It consists of five members of each class, elected annually by the classes, and also captains and managers of all teams who are members ex-officio.

President, G. T. GLOVER, '08

Vice-President, C. W. GRAM, '09

Secretary and Treasurer, M. R. Scharff, '09

Members

1908 1909 H. E. Allen M. R. Schafff H. R. Callaway A. L. Moses G. T. Glover H. E. Whitaker B. L. Gimson C. W. Gram J. T. Tobin F. J. Lange

1910 F. B. Avery J. Avery, Jr. G. S. Emerson K. D. Fernstrom D. C. McMubtrie

1911 G. A. COWEE L. G. FITZHERBERT W. C. SALISBURY W. J. SELIGMAN E. D. VAN TASSEL, JR.

Ex Officio

Track Team	T. W. ORR, '08 D. C. McMurtrie, '10	Fencing Team	E. M. LORING, '09 A. L. MOSES, '09
Cross Country Team	R. Ellis, '09 R. W. Ferris, '08	Tennis Team	P. R. Fanning, '08 L. Coffin, '08
Basket Ball Team	P. M. Wentworth, '09 C. W. Whitmore, '08	Hockey Team	W. D. FORD, '08 W. J. Kelly, '09
	Golf Team	C. Turner, '08	[187]

D. C. J. A. A.

OFFICERS

President

H. W. Cowee, Dartmouth

Vice-President

D. D. McKay, Amherst

Secretary

W. H. Hoch, Williams

Treasurer

D. C. McMurtrie, Technology

Executive Committee

L. L. Larrabee, Brown W. E. Morton, Maine C. A. Robinson, Tufts R. O. Brewster, Bowdoin

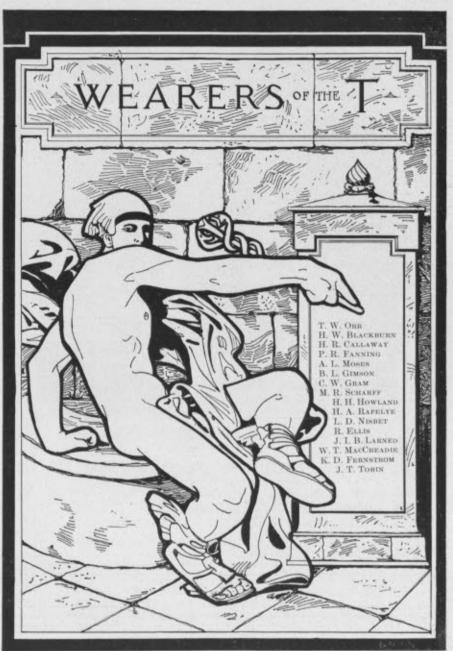
Members

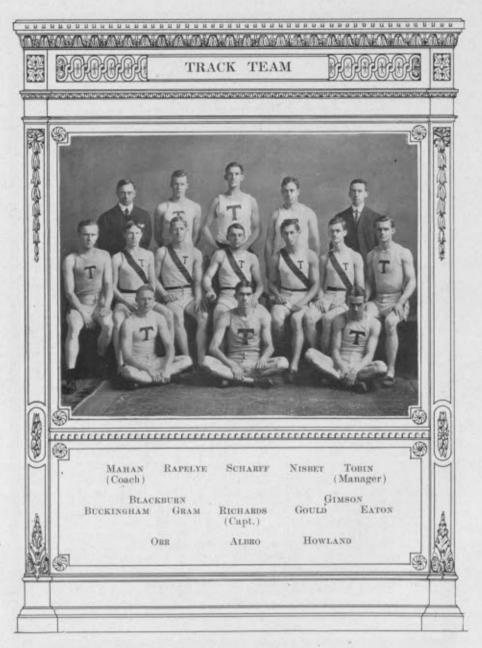
Technology Brown
Dartmouth Wesleyan
Amherst Bowdoin
Maine Tufts

Williams Trinity Vermont

Championships

Dartmouth, 8 Amherst, 8 Williams, 2 Bowdoin, 1 $\begin{array}{l} {\rm Technology,\ 1} \\ {\rm Brown} \\ {\rm Amherst} \end{array} \} {\rm tied\ for\ one} \\$







Captain

KARL W. RICHARDS, '08

Manager

JOHN T. TOBIN, '08

Assistant Manager

ROBERT M. KEENEY, '09

Team

R. C. Albro, '07
M. E. Allen, '08
R. H. Allen, '09
H. W. BLACKBURN, '08
G. H. Buckingham, '07
G. H. Chapman, '08
G. B. Cumings, '10
A. L. DICKERMAN, '09
H. I. EATON, '07
K. D. Fernstrom, '10
M. Flagg, '09

B. L. GIMSON, '08
G. S. GOULD, '07
C. W. Gram, '09
H. H. Howland, '08
F. S. McGregor, '07
L. D. Nisbet, '09
T. W. ORR, '08
K. W. RICHARDS, '07
M. R. Scharff, '09
G. Schobinger, '08
J. Tetlow, '07



BLACKBURN

S. M. UDALE, '07

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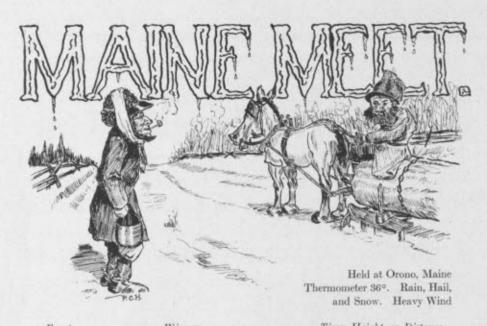
TECHNOLOGY F	IELD	APRIL 20, 1907
Event	Winners	Time, Height, or Distance
100-Yard Dash	K. D. Richards, '07 C. W. Gram, '09 G. S. Gould, '07 H. W. Blackburn, '08	10 2-5 secs.
220-Yard Dash	C. W. Gram, '09 K. D. Richards, '07 G. S. Gould, '07 H. W. Blackburn, '08	22 4-5 secs.
440-Yard Dash	H. W. Blackburn, '08 B. L. Gimson, '08 G. B. Cumings, '10 P. Hart, '10	54 1-5 secs.
120-Yard High Hurdles	R. C. Albro, '07 F. F. Bell, '10 R. C. Doane, '10 R. L. Bartlett, '10	17 4-5 secs.
920-Yard Low Hurdles	K. D. Fernstrom, '10 R. C. Albro, '07 F. D. Stewart, '10 R. L. Bartlett, '10	27 4-5 secs.
880-Yard Run	B. L. Gimson, '08 G. H. Chapman, '08 H. R. Callaway, '08 H. Y. Frost, '09	2 min. 9 secs.
One-Mile Run	G. H. Buckingham, '07 H. H. Howland, '08 L. O. Mills, '10	4 min. 54 1-2 secs

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Two-Mile Run	S. M. Udale, '07 R. Ellis, '09 H. R. Callaway, '08	10 min. 31 secs.
	C. L. BATCHELDER, '08	
High Jump	R. H. Allen, '09	5 ft. 7 in.
	G. Schobinger, '08	5 ft. 6 in.
	R. L. Bartlett, '10	5 ft. 5 in.
	E. Stuart, '10	5 ft. S in.
Shot-Put	C. W. Morrison, '08	31 ft. 10 in.
	J. H. RUCKMAN, '10	30 ft. 7 1-2 in.
	F. J. FRIEDMAN, '08	30 ft. 4 in.
	L. E. Wemple, '08	30 ft. 2 in.
Broad Jump	G. Schobinger, '08	19 ft. 8 in.
	A. L. Dickerman, '09	18 ft. 6 in.
	H. F. Richardson, '08	17 ft. 9 in.
	H. E. Whitaker, '09	17 ft. 8 1-2 in.
Discus Throw	L. D. Nisbet, '09	101 ft.
	M. E. Allen, '08	87 ft. 10 in.
	L. E. Wemple, '08	82 ft. 6 in.
	W. J. Pierce, '08	79 ft.
Pole Vault	G. Schobinger, '08	10 ft. 10 in.
	T. W. Orr, '08	10 ft. 6 in.
	H. F. Richardson, '08	9 ft. 8 in.
	J. Tetlow, '08	9 ft.
Hammer Throw	M. R. Scharff, '09	108 ft. 11 in.
	M. Flagg, '09	96 ft. 9 in.
	A. J. FOOTE, '10	74 ft. 7 in.
	M. E. Allen, '08	65 ft. 6 in.
	Summary of Points	
1907		
1908	sections to be the time to be	
1910	A C C C C C C C C C C C C C C C C C C C	



FERNSTROM



Event	Winner	Tit	ne, Height, or Distance	
100-Yard Dash	C. W. Gram K. D. Fernstrom K. W. Richards H. W. Blackburn	M. I. T. M. I. T. M. I. T. M. I. T.	10 1-5 secs.	
220-Yard Dash	H. W. BLACKBURN C. W. GRAM H. J. COOK	M. I. T. M. I. T. Maine	23 1-5 secs.	
440-Yard Dash	C. W. Gram S. B. Onge G. B. Cumings	M. I. T. Maine M. I. T.	52 3-5 secs.	
880-Yard Run	G. H. CHAPMAN P. A. BEAN R. E. BOLTON	M. I. T. Maine Maine	2 min. 6 2-5 secs.	
One-Mile Run	F. E. FORTIER G. H. BUCKINGHAM H. H. HOWLAND	Maine M. I. T. M. I. T.	4 min. 55 1-5 secs.	
Two-Mile Run	F. S. McGregor S. M. Udale H. H. Howland	M. I. T. M. I. T. M. I. T.	10 min. 18 3-5 secs.	

Event	Winner		Time, Height, or Distance	
120-Yard Low Hurdles	R. C. Albro H. L. Miner G. R. Knight	M. I. T. Maine Maine	17 3-5 secs.	
220-Yard Low Hurdles	R. E. CLAYTON K. D. FERNSTROM R. C. ALBRO	Maine M. I. T. M. I. T.	27 3-5 secs.	0
High Jump	C. P. MESERVE R. H. ALLEN H. S. NICHOLS	Maine M. I. T. Maine	5 ft. 4 in.	Th
Pole Vault	T. W. ORR ' H. P. FARRINGTON E. L. TOWLE	M. I. T. } t M. I. T. } t Maine	ied at 9 ft. 8 in.	
Broad Jump	C. A. EATON G. SCHOBINGER D. F. KNOWLTON	M. I. T. M. I. T. Maine	19 ft. 7 in.	
Shot-Put	H. L. FARWELL M. E. ALLEN H. H. GREEN	Maine M. I. T. Maine	35 ft. 7 1-2 in.	11
Hammer Throw	M. R. SCHARFF P. A. BEAM M. FLAGG	M. I. T. Maine M. I. T.	97 ft. 4 in.	Nisber
Discus Throw	L. D. NISBET M. E. ALLEN E. T. HARLOW	M. I. T. M. I. T. Maine	99 ft. 8 in,	

Summary of Points

M. I. T., 86

Maine, 40



BROWN MEET

TECHNOLOGY FIELD

May 11, 1907

Events	Winners	T	ime, Height, or Distance
100-Yard Dash	J. W. Mayhew C. W. Gram G. S. Gould	Brown M. I. T. M. I. T.	10 2-5 secs.
220-Yard Dash	C. W. Gram G. S. Gould J. R. Honiss	M. I. T. M. I. T. Brown	23 secs.
440-Yard Dash	H. W. Blackburn W. C. Prout H. H. Thurlow	M. I. T. Brown Brown	53 secs.
880-Yard Run	B. L. Gimson J. H. Wells H. H. Thurlow	M. I. T. Brown Brown	2 m. 4 3-5 secs.
One-Mile Run	D. T. GALLUP C. A. LUNDELL G. H. BUCKINGHAM	Brown Brown M. I. T.	4 m. 45 secs.
Two-Mile Run	D. T. GALLUP S. M. UDALE C. A. GREENE	Brown M. I. T. Brown	10 m. 1 1-5 secs
120-Yard Hurdles	J. W. MAYHEW C. A. EATON R. C. Albro	Brown M. I. T. M. I. T.	16 2-5 secs.
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220-Yard Hurdles	J. W. MAYHEW K. D. FERNSTROM C. A. EATON	Brown M. I. T. M. I. T.	26 1-5 secs.	
High Jump	H. A. RAPELYE R. H. ALLEN B. A. STURDY J. W. MAYHEW	M. I. T)	5 ft. 6 in. 5 ft. 4 in.	
Pole Vault	T. W. ORR J. Tetlow G. T. Huxford	AF TODA	9 ft. 9 1-2 in 9 ft. 6 in.	
Broad Jump	J. W. Mayhew C. A. Eaton A. L. Dickerman	Brown M. I. T. M. I. T.	20 ft. 5 1-2 in. 18 ft. 7 1-2 in. 18 ft. 6 in.	d m
Shot-Put	W. L. McDonald C. H. Walcott M. E. Allen	Brown Brown M. I. T.	36 ft. 3-4 in. 33 ft. 9 in. 32 ft. 11 1-2 in.	11
Hammer Throw	J. O. Hazard M. R. Scharff M. Flagg	Brown M. I. T. M. I. T.	106 ft. 7 in. 97 ft. 10 in. 93 ft. 4 1-2 in.	-U
Discus Throw	E. R. SMITH A. J. KIRLEY M. E. ALLEN	Brown Brown M. I. T.	104 ft. 10 1-2 in. 97 ft. 8 in. 90 ft. 5 1-2 in.	Orb

Summary of Points

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																										B	rown	M.I.T.
100-Yard Dash			ļ.		le:		ļ,			×						119		,			100			V.			5	4
220-Yard Dash																												8
440-Yard Dash		*(0)														6.0								23			4	5
880-Yard Run										,			,							1						-	4	5
One-Mile Run														Š				į		1							8	1
Two-Mile Run						H							ı,	Ŋ,		Ĭ,				1		ľ,			Ĝ	3	6	3
120-Yard Hurdles .					7		Y.	2		7					130					-				Į,	ı	y	5	4
220-Yard Hurdles .							1			4						7								e i			5	4
High Jump		27	Ž.		133			+		1			- i	37				-		1			s				22	$6\frac{1}{3}$
Pole Vault							-	ď,				N.	1	5		83	8.6	3	1	3			8		÷		2	7
Broad Jump	1		ie				×	×						94			1 1.0	4			9194						5	4
Shot-Put		K		160	×		ě	G	5 %	1	1					7.09		-		s	2.0			10	ł		8	1
Hammer Throw .																												4
Discus Throw																												1
				*	Го	ta	ls	1.		,					. ,												68%	571



TWENTY-FIRST ANNUAL TRACK MEET

HELD AT WORCESTER

May 26, 1907

Events	Winners		Time, Height, or Distance
100-Yard Dash	L. P SHERMAN F. F. READ C. W. GRAM H. C. KEITH	Dartmouth Amherst M. I. T. Amherst	10 1-5 secs.
* 220-Yard Dash	C. W Gram O. F. McCormick J. H. Hubbard L. P. Sherman	M. I. T. Wesleyan Amherst Dartmouth	22 secs.
440-Yard Dash	R. P. Pritchard H. L. SWEET W. C. PROUT R. W. BACON	Dartmouth Amherst Brown Wesleyan	51 3-5 secs.
880-Yard Run	H. E. WHITE W. JENNINGS G. E. SHIPLEY H. H. THURLOW	Amherst Dartmouth Dartmouth Brown	1 m. 49 4-5 secs.
One-Mile Run	C. A. LUDELL J. W. MERRIHEW F. E. FORTIER G. H. BUCKINGHAM	Brown Vermont Maine M. I. T.	4 m. 35 1-5 secs.

D. T. Gallup W. W. Green Brown Brown M. E. MacGregor M. I. T.	* Two-Mile Run	S. M. UDALE	M. I. T.	9 m. 52 secs.
M. E. MacGregor M. I. T.		D. T. GALLUP	Brown	
120-Yard High Hurdles		W. W. GREEN	Brown	
J. H. Hubbard J. W. Mayhew G. Horrax Williams		M. E. MacGregor	M. I. T.	
J. H. Hubbard J. W. Mayhew G. Horrax Williams	120-Yard High Hurdles	T. Shaw	Dartmouth	15 2-5 secs.
G. Horrax Williams		J. H. Hubbard	Amherst	
220-Yard Low Hurdles		J. W. MAYHEW	Brown	
T. Shaw Dartmouth J. W. Mayhew Brown Dartmouth		G. Horrax	Williams	
T. SHAW J. W. MAYHEW R. A. BROWN **Running High Jump G. HORRAX H. A. RAPELYE C. A. MERRIL S. COLBERT **Grade Strain St	220-Yard Low Hurdles	J. H. HUBBARD	Amherst	95 anns
Running High Jump G. Horrax Williams 5 ft. 11 1-2 in.				AU SCCS.
R. A. Brown Dartmouth				
H. A. RAPELYE C. A. MERRILL, S. COLBERT Williams tied 5 ft. 7 in.				
H. A. RAPELYE C. A. MERRILL, S. COLBERT Williams tied 5 ft. 7 in.	* Running High Jump	G HOPPAY	Williama	
C. A. MERRILL S. COLBERT Tufts tied 5 ft. 7 in.	Training Tight 9 timp			
S. Colbert Tufts tied 5 ft. 7 in.				5 It. 9 1-2 in.
F. F. Read S. E. Kent Wesleyan 21 ft. 8 l-2 in.			L Association of the same of t	5 ft. 7 in.
F. F. Read S. E. Kent Wesleyan 21 ft. 8 l-2 in.	Running Broad Jump	J. W. Mayhew	Brown	00 ft 9 in
S. E. Kent Wesleyan 21 ft. 8 in.				
Dartmouth Section				
H. R. BLYTHE T. W. ORR M. I. T. Brown G. HORRAX C. H. PEVEAR D. Dartmouth Stied 10 ft. 11 in. Hammer Throw C. H. PEVEAR D. Dartmouth J. O. HAZARD E. M. NORTH E. M. NORTH R. M. SMITH Amherst Dartmouth Stied 10 ft. 11 in. Dartmouth Stied 9 ft. 11 1-4 in. Dartmouth Stied 9 ft. 11 1-4 in. Dartmouth Stied 10 ft. 11 in. Brown Williams 124 ft. 6 in. 125 ft. 9 in. 126 ft. 9 in. 127 ft. 5 in. Shot-Put A. T. MORRILL F. S. MARSHALL Williams Stied 10 ft. 11 in. Bowdoin Stied 10 ft. 11 in. Bowdoin Stied 9 ft. 11 1-4 in. Williams Stied 9 ft. 11 1-4 in. Bowdoin Stied 10 ft. 11 in. Dartmouth Stied 10 ft. 10 in. Dartmouth Stied 10 ft. 11 in. Dartmouth Stied 10 ft. 1		J. J. Morton		
H. R. BLYTHE T. W. ORR M. I. T. 10 ft. 6 in. R. W. HUXFORD G. HORRAX Hammer Throw C. H. Pevear J. O. Hazard E. M. North R. M. Smith Brown Hesleyan 124 ft. 2 in. E. M. North R. M. Smith Bowdoin R. M. Smith Amherst 119 ft. 5 in. Shot-Put A. T. Morrill F. S. Marshall C. H. Pevear Dartmouth 124 ft. 2 in. Wesleyan 120 ft. 9 in. R. M. Smith Amherst 119 ft. 5 in. Shot-Put A. T. Morrill F. S. Marshall C. H. Pevear Dartmouth 38 ft. 6 3-4 in.	Pole Vault	J. Bredemus	Dartmouth)	
T. W. ORR R. W. HUXFORD G. HORRAX Hammer Throw C. H. Pevear J. O. Hazard E. M. North R. M. Smith Amherst A. T. Morrill F. S. Marshall C. H. Pevear Dartmouth 124 ft. 6 in. 129 ft. 11 1-4 in. Brown 124 ft. 2 in. 120 ft. 9 in. 121 ft. 5 in. Bowdoin 39 ft. 9 in. F. S. Marshall Williams 39 ft. 2 1-2 in. C. H. Pevear Dartmouth 38 ft. 6 3-4 in.			Dartmouth (tie	d 10 ft. 11 in.
R. W. Huxford Brown Williams tied 9 ft. 11 1-4 in.		T. W. ORR	M. L. T.	
G. HORRAX Williams \{ \text{tied 9 ft. 11 1-4 in.} \} Hammer Throw C. H. Pevear Dartmouth 124 ft. 6 in. J. O. Hazard Brown 124 ft. 2 in. E. M. North Wesleyan 120 ft. 9 in. R. M. Smith Amherst 119 ft. 5 in. Shot-Put A. T. Morrill Bowdoin 39 ft. 9 in. F. S. Marshall Williams 39 ft. 2 1-2 in. C. H. Pevear Dartmouth 38 ft. 6 3-4 in.		R. W. Huxford	Brown	
J. O. Hazard Brown 124 ft. 2 in. E. M. North Wesleyan 120 ft. 9 in. R. M. Smith Amherst 119 ft. 5 in. Shot-Put A. T. Morrill Bowdoin 39 ft. 9 in. F. S. Marshall Williams 39 ft. 2 1-2 in. C. H. Pevear Dartmouth 38 ft. 6 3-4 in.		G. Horrax	tion t	9 ft. 11 1-4 in.
J. O. Hazard Brown 124 ft. 2 in. E. M. North Wesleyan 120 ft. 9 in. R. M. Smith Amherst 119 ft. 5 in. Shot-Put A. T. Morrill Bowdoin 39 ft. 9 in. F. S. Marshall Williams 39 ft. 2 1-2 in. C. H. Pevear Dartmouth 38 ft. 6 3-4 in.	Hammer Throw	C. H. PEVEAR	Dartmouth	194 ft 6 in
E. M. North R. M. Smith Amherst 120 ft. 9 in. Amherst 119 ft. 5 in. Shot-Put A. T. Morrill F. S. Marshall C. H. Pevear Dartmouth 38 ft. 6 3-4 in.				CONTRACTOR TO A CONTRACTOR
R. M. SMITH Amherst 119 ft. 5 in. Shot-Put A. T. Morrill Bowdoin 39 ft. 9 in. F. S. Marshall Williams 39 ft. 2 1-2 in. C. H. Pevear Dartmouth 38 ft. 6 3-4 in.				
F. S. Marshall Williams 39 ft. 2 1-2 in. C. H. Pevear Dartmouth 38 ft. 6 3-4 in.				
F. S. Marshall Williams 39 ft. 2 1-2 in. C. H. Pevear Dartmouth 38 ft. 6 3-4 in.	Shot-Put	A. T. Morrill	Bowdoin	39 ft. 9 in
C. H. Pevear Dartmouth 38 ft. 6 3-4 in.	Control of the Contro			
oo ii oo a ii.				
		J. Bredemus		37 ft. 5 I-4 in.

^{*} New records

Discus Throw				M. C. Blake W. A. Smith L. D. Nisbet C. H. Pevear							Dartmouth Brown M. I. T. Dartmouth				112 ft. 2 in. 104 ft. 10 in. 105 ft. 9 in. 101 ft. 7 in.													
									S	un	ım	ar	y	of	I	oi	nts											
Dartmouth				4			10				A		-		+		4	4										47
Brown .			4									+		1			e		1	8			4				2	28
Amherst .											2							100	V		100					10	9	28
M. I. T.					1								1	¥		18			×								e.	21
Williams			7						4			*	i.			8	-					×	185		5			11
Wesleyan					63			*	8.	2		100	3		4	5			'n					×	4	24		8
Bowdoin							-				J.				74	10	35								-			5
Vermont									2	H.			-		1	2	9	7	SK.			0			+		19	3
Maine .																												5
Tufts																												1



TECHNOLOGY FIELD

Oct. 26, 1907

WEATHER CON	DITIONS: GOOD
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Events	Winners	Handicap	Time, Height, or Distance
100-Yard Dash	W. J. SELIGMAN, '11	2 yds.	10 2-5 secs.
	J. S. James, '11	4 yds.	
	G. B. Cumings, '10	4 yds.	
	K. D. Fernstrom, '10	1 yd.	
220-Yard Dash	W. J. Seligman, '11	6 yds.	22 4-5 secs.
	W. Morrison, '08	12 yds.	
	E. M. POTTER, '10	15 yds.	
	N. N. Prentiss, '11	13 yds.	
440-Yard Dash	G. B. Cumings, '10	20 yds.	52 1-5 secs.
	E. M. POTTER, '10	25 yds.	
	H. LOCKETT, '10	20 yds.	
	R. M. Spencer, '11	20 yds.	
880-Yard Run	P. D. White, '11	20 yds.	2 m. 8 2-5 secs.
	W. C. Salisbury, '11	10 yds.	
	B. L. Gimson, '08	Scratch	
	K. D. Fernstrom, '10	20 yds.	
One-Mile Run	B. L. Gimson, '08	5 yds.	4 m. 57 1-5 secs.
	L. C. Cooley, '11	40 yds.	
	W. T. McCreadie, '11	15 yds.	
	C. P. Eldred, '11	60 yds.	
220-Yard Hurdles	K. D. Fernstrom, '10	Scratch	28 secs.
	C. W. Gram, '09	Scratch	
	C. P. Kerr, '11	10 yds.	
	M. B. Hall, '10	Scratch	
120-Yard High Hurdles	K. D. Fernstrom, '10	Scratch	18 3-5 secs.
	J. B. Walcott, '11	Scratch	The second second
			[201]

Running High Jump	C. W. Wilson, '10	5 in.	5 ft. 9 in.
	A. R. NAGLE, '10	6 in.	5 ft. 9 in.
	W. C. Salisbury, '11	5 in.	5 ft. 7 in.
	R. L. Bartlett, '10	4 in.	5 ft. 6 in.
Pole Vault	W. C. Salisbury, '11	4 in.	9 ft. 10 in.
	W. D. Allen, '11	7 in.	9 ft. 7 in.
Running Broad Jump	J. A. Christie, '09	14 in.	19 ft. 7 in.
	W. Morrison, '08	12 in.	19 ft. 3 in.
Shot-Put	W. Morrison, '08	4 ft.	39 ft. 4 in.
	T. F. McLaughlin, '11	7 ft.	36 ft. 5 in.
	F. Moore, '09	1 ft.	35 ft. 3 in.
	D. V. Williamson, '10	6 in.	33 ft. 11 in.
Hammer Throw	F. A. Burton, '10	8 ft.	100 ft. 2 in.
	M. Flagg, '09	S ft.	98 ft. 11 in.
	M. R. Scharff, '09	Scratch	91 ft.
Discus Throw	L. D. Nisbet, '09	Scratch	105 ft. 6 in.
	D. V. WILLIAMSON, '10	12 ft.	102 ft.
	L. E. Wemple, '08	8 ft.	. 100 ft. 8 in.
	M. E. Allen, '08	9 ft.	94 ft. 3 ip
	Summary of Points		
1011			40
		ter territor	
1908			33



P.T.H

TECHNOLOGY GYMNASIUM

JAN. 10, 1908

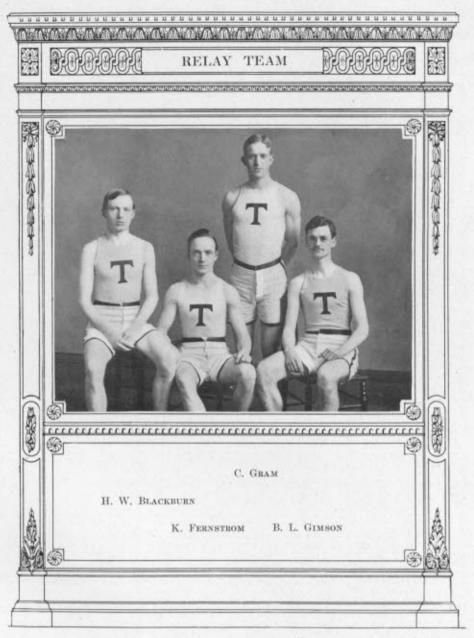
Themond	O LIMITALITUM		9744. 10, 1000
Events	Winners	Time, Height, or Distance	
35-Yard Dash	W. J. Seligman, '11 K. D. Fernstrom, '10 G. Schobinger, '08 D. R. Stevens, '11	4 3-5 secs.	•
40-Yard Hurdles	K. D. Fernstrom, '10 G. B. Cumings, '10 G. Schobinger, '08, W. J. Pead, Jr., '10	5 4-5 secs.	TA
440-Yard Dash	H. W. Blackburn, '08 K. D. Fernstrom, '10 G. B. Cumings, '10 H. Lockett, '10	59 1-5 secs.	1
880-Yard Run	P. D. White, '11 W. C. Salisbury, '11 B. L. Gimson, '08 J. D. Mackenzie, '11	2 min. 11 4-5 sees	1
One-Mile Run	L. O. Mills, '10 W. T. McCreadie, '11 C. P. Eldred, '11 J. N. Stephenson, '09	5 min, 1 1-5 secs,	R. H. ALLEN

[203]

High Jump	R. H. Allen, '09 E. Stuart, '10 H. W. Blackburn, '08	5 ft. 6 in. Stied for 2d place, 5 ft. 5 in.
	G. Schobinger, '08 F. Moore, '09	$\left\{ \text{ tied for 4th place, 5 ft. 3 in.} \right.$
Shot-Put	F. Moore, '09	35 ft. 10 3-4 in.
	C. W. Morrison, '08	35 ft. 6 1-4 in.
	J. H. RUCKMAN, '10	33 ft. 4 1-2 in.
	M. E. Allen, '08	33 ft. 2 3-4 in.
Pole Vault	T. W. Orr, '08 G. Schobinger, '08	tied for 1st place, 10 ft.
	W. C. Salisbury, '11	
	W. D. Allen, '11	9 ft. 6 in.
	Summary of P	oints
1908	94 9-3	1910 27 1-2
		1911 24 1-8
1909		



W. C. Salisbury



Records of the Past Pear

Worcester Meet, N. E. I. A. A.

C. W. GRAM

220 yds. 22 secs.

S. M. UDALE

2 miles 4 min. 52 4-5 secs.

LAWRENCE LIGHT GUARD MEET, AT MEDFORD ARMORY

Relay Team

Unpaced Time

C. W. GRAM

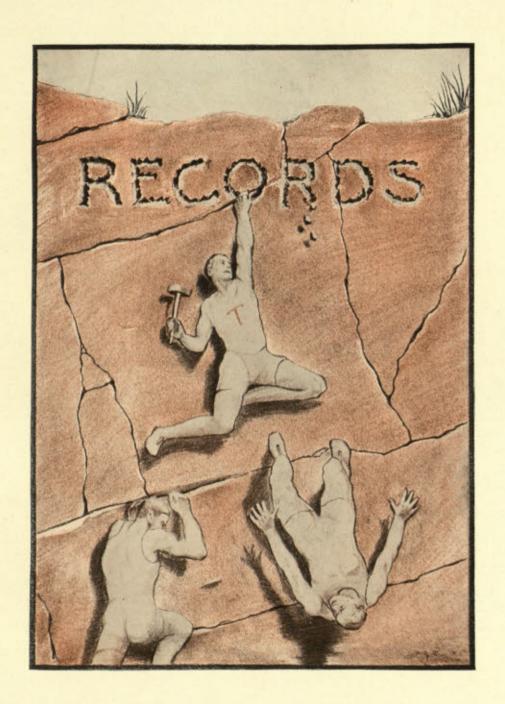
2 min. 58 secs.

B. L. GIMSON

Track record

K. D. FERNSTROM

H. W. BLACKBURN





AMER, COLLEGIATE

9 4-5 secs. W. A. Shick Harvard B. J. Wefers Georgetown

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

47 3-5 secs. W. Baker Harvard

15 1-5 secs. J. C. Garrels Michigan [208] M. I. T. A. A.

100-Yard Dash 10 1-5 secs. R. S. Franklin 1903

220-Yard Dash

22 secs, C. W. Gram 1909

440-Yard Dash

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

120-Yard High Hurdles

16 2-5 secs. E. L. Ovington 1904 N. E. I. A. A.

10 secs.

A. E. CURTENIUS
Amherst
G. L. SWASEY
Dartmouth
H. H. CLOUDMAN
Bowdoin

22 secs. C. W. Gram Technology

50 1-5 secs. G. B. Shattuck Amberst

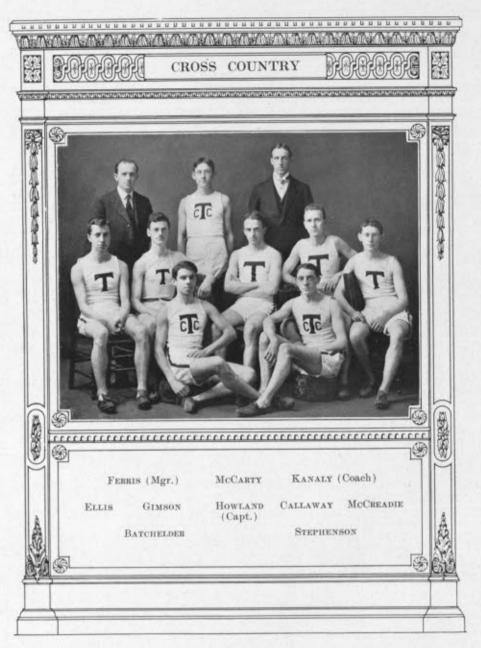
15 2-5 secs. S. Chase Dartmouth



Carl Gram 220 yds. 22 secs.

220-Yard Low Hurdles

	AND I WITE LIGHT LI HIT GOOD	
23 3-5 secs. A. C. Kraenzlein Pennsylvania	24 4-5 secs, G. P. Burch 1899	25 4-5 secs. J. H. Hubbard Amherst
	880-Yard Run	
1 m. 53 2-5 secs. C. H. Kilpatrick Union	1 m. 59 secs. H. S. Baker 1903	1 m. 59 secs. H. S. Baker Technology
	One-Mile Run	
4 m. 20 3-5 secs. G. Haskins Pennsylvania	4 m, 30 3-5 secs. H. S. Baker 1903	4 m. 24 4-5 secs. A. L. Right Brown
	Two-Mile Run	
9 m. S4 4-5 secs. F. A. Rowe Michigan	9 m. 52 4-5 secs. S. M. Udale 1907	9 m. 52 4-5 secs. S. M. Udale Technology
	Running High Jump	
6 ft. 4 in. W. B. Page Pennsylvania	6 ft. 1-2 in. C. D. Heywood 1893	5 ft. 11 1-2 in. G. Horrax Williams
	Running Broad Jump	
24 ft. 4 1-2 in. A. C. Kraenzlein Pennsylvania	22 ft. 1 1-2 in. A. W. Grosvenor 1899	23 ft. 2 3-4 in. W. P. Hubbard Amherst
	Pole Vault	
11 ft. 11 3-4 in. W. R. DRAY Yale	11 ft. G. A. Curtis 1904	11 ft. 6 1-2 in. J. L. HURLBURT Wesleyan
	Putting 16-Pound Shot	
48 ft. 7 in. R. Rose Michigan	40 ft. 1-4 in. H. P. McDonald 1901	43 ft. 10 1-2 in. R. E. Rollins Amherst
	Throwing 16-Pound Hammer	
166 ft. 5 in. J. R. DEWITT Princeton	126 ft. 7 in. W. J. Knapp 1906	144 ft. 1-2 in. A. E. DENNING Bowdoin
	. Throwing the Discus	
133 ft. 6 1-2 in. M. J. Sheridan	110 ft. 2 1-2 in. L. G. MORRILL 1905	120 ft. 11 1-2 in. A. K. Dearborn Wesleyan







H. H. HOWLAND

President

H. R. CALLAWAY, '08

Secretary R. Ellis, '09 Manager

R. W. Ferris, '08

Captain

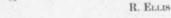
H. H. HOWLAND, '08

Chase Captain

J. N. Stephenson, '09

Harvard vs. Technology

Course



Dist. 4 1-2 miles Time 24 m. 38 secs.

Won by Harvard

West Roxbury to Technology Field

Technology Harvard W. McCreadie D. C. Crosby W. H. DOLE R. Ellis C. L. BATCHELDER H. R. Lenier W. E. CARTER H. H. HOWLAND M. S. WHITNEY R. I. Hulsizer 12 P. D. WHITE E. HOYT Total [211]

ANNUAL INTERCOLLEGIATE CROSS COUNTRY MEET

PRINCETON, N. J.			-	Course,	6 1-4 miles November 27, 1907
			S	lummary	of Points
CORNELL				31	Harvard 182
PENNSYLVANIA				61	COLUMBIA
YALE				135	Technology , 228
Syracuse				178	PRINCETON
			Te	ch Men	who Scored
Ellis				24	BATCHELDER 32
STEPHENSON .	 2			25	GIMSON
HOWLAND					McCreadie 61

ANNUAL HANDICAP CROSS COUNTRY RACE

WEST ROXBURY COURSE	Eight Miles	December 1, 1907
Name	Handicap	Time
J. N. Stephenson, '09	7 minutes	53 min. 24 secs.
J. E. Lenox, '09	8 minutes	55 min. 6 secs.
E. S. Campbell, '09	5 minutes	52 min. 44 secs.
M. Ames, '08	7 minutes	54 min. 53 secs.
R. Ellis, '09	3 minutes	51 min. 37 secs.
H. H. Howland, '08	seratch	49 min. 40 secs.
A. O. Christensen, '07	4 minutes	54 min. 24 secs.
B. F. Courtney, '10	8 minutes	61 min. 42 secs.
B. C. Huber, '10	4 minutes	57 min. 43 secs.
L. B. Ellis, '08	8 minutes	62 min. 41 secs.

J. C. C. A.

Members



GIMSON

YALE
HARVARD
PRINCETON
CORNELL
UNIV. OF PENN.
MASS. INST. TECHNOLOGY
SYRACUSE
COLUMBIA

Annual Run held at Princeton Nov. 27, 1907.

Score



 CORNELL
 33

 PENN.
 61

 YALE
 135

 SYRACUSE
 173

 HARVARD
 182

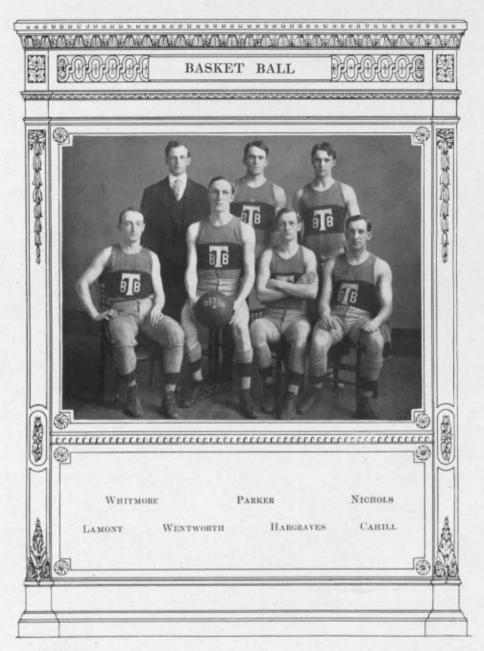
 COLUMBIA
 227

 TECH
 228

 PRINCETON
 231



MACGREGOR



[214]



D.S.

Captain

P. M. Wentworth, '09

Manager

C. W. WHITMORE, '08

Team.

W. B. HARGRAVES, '	10 .			2	-				200	Right Forward
E. I. CAHILL, '10 .	25.5	10		7						Left Forward
T. B. PARKER, '11					0	*				Center
P. M. Wentworth,	,09	84							-	Right Guard
R. H. Nichols, '09										Left Guard
W. J. Pierce, '08										Substitutes
C. R. LAMONT, '08 (1	2/	130	*	1	- 2		Substitutes

WENTWORTH

Schedule of Games

Date	Opponents		Sec	ore
			T.	O.
December 1	3 Boston College		71	8
December 2	0 Dartmouth		21	37
January	1 Tufts		21	25
January	4 Worcester Polytechnic		17	18
January	7 Harvard		20	99
January 1			11	24
January 1	5 Lowell Textile		26	25
January 1			20	35
	5 Pratt Institute		30	29
February			25	22
W	College of City of New York		15	19
February	West Point		21	39
February 1	27.7000 2.7000 2.70000 2.70000 2.70000 2.7000 2.7000 2.7000 2.7000 2.7000 2.7000 2.7000 2.7000 2.7000	100	16	19
February 1			14	24
February 2		477.4	11	99
February 2		-	3.77	1.100
			18	26
February 2	University of Maine		20	15
March	Holy Cross	6.1	29	1.1

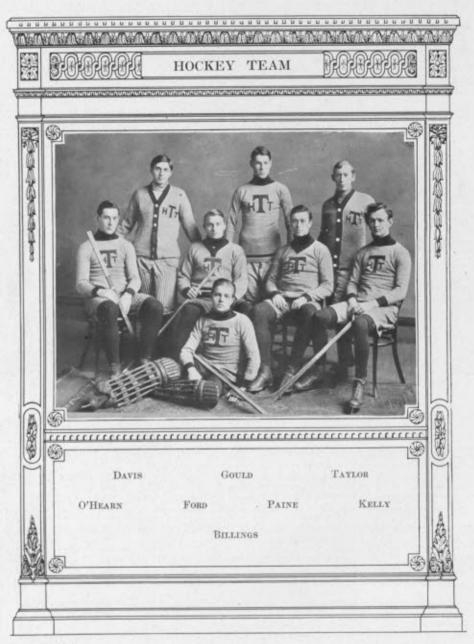
Points for Season

Technology, 408

Opponents, 420



WHITMORE [215]



[216]



Captain

W. D. FORD, '08

Manager

W. J. KELLY, '09

Team

W. J. O'HEARN, '10						100							14	4	Right Wing
W. D. FORD, '08 .	7			4		13		2		4		4			Right Center
H. W. PAINE, '09 .							,								Left Center
W. J. Kelly, '09 .								8			1			Ų.	Left Wing
A. A. GOULD, '10 .	9.		1			0					4				Cover Point
J. F. Davis, '09					179	ν.		10	100						Point
H. D. Billings, '10					3			8	4						Goal

Substitute

P. W. TAYLOR, '10

N

FORD

Games Played

January	11, '08	Andover 0			000	20					,	*	M.I.T 7
January	15, '08	Tufts 1 .				2		9	4		1		M.I.T 4
January	18, '08												M.I.T 4
February				25								ě,	M.I.T 1
February							1		0		1	0	M.I.T 0
February					 1004				.+				M.I.T 3
February													
February	10, '08	Dartmouth 0)			×				ı			M.I.T 5

Points for the Season

Technology, 26

Opponents, 11

[217]

M.J.T. Tennis

The annual fall tournament of the assocation is open to all students of the Institute. The winning team in doubles and the winner and runner-up in the singles represent Technology in the Intercollegiate tournament held each May. Officers Vice-President President J. I. B. LARNED P. R. FANNING Manager Treasurer L. COFFIN J. SCHEUER Fall Tournament Semi-finals and Finals of Singles C. S. WILLIAMS COFFIN L. COFFIN COFFIN I. T. HASLAM WILLIAMSON D. V. WILLIAMSON WENTWORTH P. E. WENTWORTH WENTWORTH H. F. SHAW WENTWORTH H. R. DRAPER DRAPER H. S. CORNELL WHITING F. W. COVILL PARKER T. B. PARKER FANNING P. R. Fanning O. B. Denison FANNING WHITING D. B. Myers A. R. Knipp KNIPP WHITING M. T. WHITING J. B. WHITTEMORE WHITING Doubles J. B. WHITTEMORE F. S. McClintock and PARTNER and SHELL WENTWORTH and PARKER WENTWORTH P. M. WENTWORTH and F. B. PARKER and PARKER M. D. RICE, D. V. WILLIAMSON FANNING and SCHEUER P. R. Fanning, J. Scheuer Won by Wentworth and Parker [218]

A. C. J. T. A.

President

W. C. WHITE, Wesleyan

Vice-President

T. K. Thompson, Williams

Secretary and Treasurer

S. L. Wolff, Amberst

Members

Amherst Colby Tufts Wesleyan Bates Dartmouth Vermont Technology

Brown Trinity Williams



J. I. B. LARNED Winner N. E. I. T. A. Championship singles with Coffin, winner doubles championship

Technology Representatives

P. R. FANNING

W. B. COFFIN

J. I. B. LARNED

Winners

Singles — J. I. B. Larned, Technology
Doubles — J. I. B. Larned, W. B. Coffin, Technology



COLF

President

W. J. E. BARCUS

Captain and Manager

C. TURNER

Team

T. A. TILLARD, '08 C. TURNER, '08 W. J. E. BARCUS, '08 K. J. CAMPBELL, '08

L. COFFIN

Honorary Members

F. H. BAILEY H. E. CLIFFORD D. R. DEWEY



Officers

A. W. MITCHELL, Williams, President
W. H. Garby, Dartmouth, Vice-President
F. R. Upton, Bowdoin, Secretary and Treasurer

Members

Brown Technology Dartmouth
Williams Amherst Bowdoin

Annual Tournament

Held at Woodland Golf Club, Auburndale, Mass., October 16, 1907

Won by Williams

Scores

Williams 58
Dartmouth 64
Technology 105



[222]



The Intercollegiate Fencing Association holds its annual tournament each March at the New York Athletic Club.

This is the first year that M. I. T. has been a member of the Intercollegiate Fencing Association, and the team has shown up well by defeating Harvard, thereby winning the right to take part in the Intercollegiate Tournament at New York.



* Captain

E. M. LORING, '09

Manager

A. L. MOSES, '09

Team

F. J. LANGE, '09 E. M. LORING, '09 J. W. NICKERSON, '09 V. C. GRÜBNAU, '08

Coach

LUCION FOURNON



Tournaments



E. M. LORING

J. f. A.

The annual tournament of the Intercollegiate Fencing Association is held at the New York Athletic Club, the preliminary bouts being held two weeks before the finals, and the number of teams thus cut from nine to six.



NICKERSON

President

DONALD ARMSTRONG, Columbia

Vice-President

BRYAN C. SMITH, Yale

Secretary and Treasurer

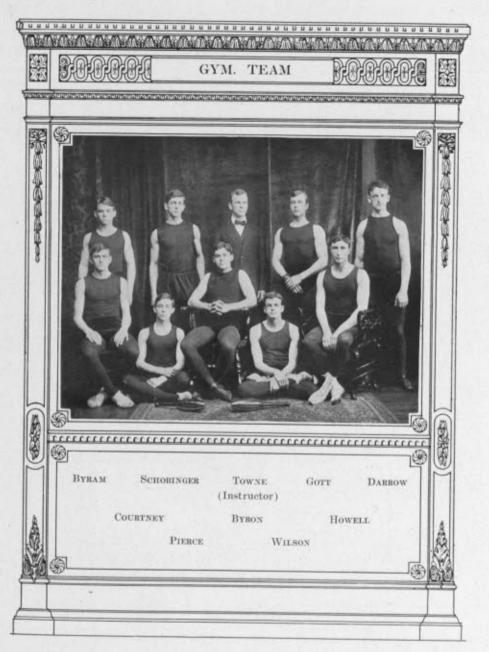
CHESTER P. MILLS, West Point

Members

YALE ANNAPOLIS
HARVARD CORNELL
TECHNOLOGY COLUMBIA

WEST POINT PENNSYLVANIA

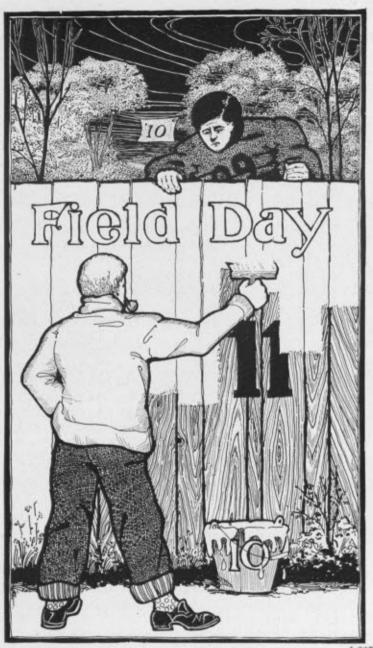
PRINCETON



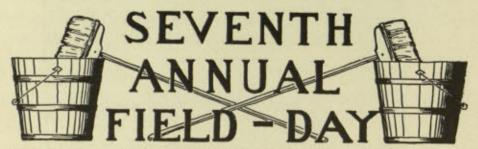
[225]

Field Day, 1907

THE SECOND FIELD DAY ON RECORD AT WHICH ONE CLASS "WHITE-WASHED" THE OTHER



[227]



OR the second time in its history, Field Day, 1907, was won by the Sophomore class by a 9 to 0 score, not a single point going to the Freshmen. Yet every event was hard fought and close, and each point was earned by brawn and brain. The contest was held under the most favorable of conditions, and the growing popularity of Field Day was shown by the presence of many members of the Corporation, Faculty, and upper classes, with their friends.

Enthusiasm ran the highest when the football teams trotted on the field;



PASSING THE FLAG

the game started off as a rather one-sided affair, and within seventeen minutes of the first kick-off 1910 had made two touchdowns and, failing to kick the goals, had 10 points to its credit. After that the Freshmen rallied and no more scoring was done. The second half was very evenly contested; the Sophomores worked together better than their opponents and used the forward pass and onside kick with good success, but their most consistent gains were made by straight line bucking.

The relay race was a good example of the value of team work above individual ability. Man

for man the 1911 runners were notably faster than their opponents, but the Sophomores had mastered the art of passing the flag and made their superiority in this overbalance the fleetness of the 1911 runners. The Sophomores ran their fastest man first and led from the start by amounts varying from ten to thirty yards. The Freshmen saved their best man for the last relay: he furnished a sensational finish, gaining twenty-five yards on his man and bresting the tape almost on equal terms with him.

Snatching victory out of defeat the 1910 Tug-of-War men shattered the precedent made in previous years, and pulled the Freshmen over the line in one minute and fifty-nine seconds. At the pistol the Freshmen got the drop and steadily pulled the 1910 men toward their goal; within six inches of victory 1911 lost their count and gave way slowly but surely to the determined



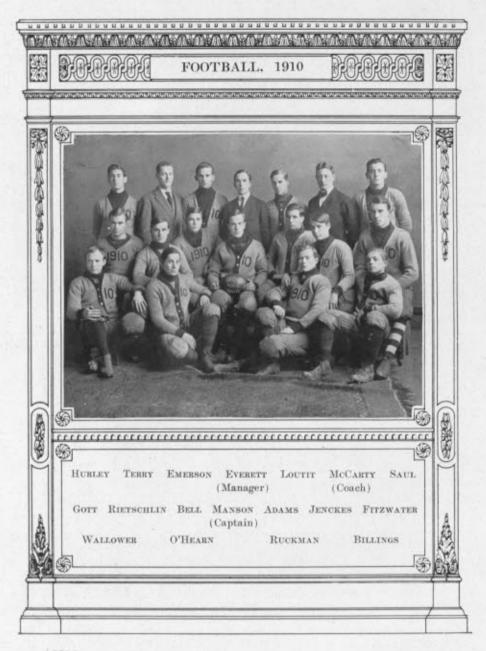
FRESHIES AT WORK

efforts of the Sophomores, who went wild with joy when the gun announced them victorious.



THE GRAND STAND

					Su	min	nar	w	1	Poi	nts					1	910	1911
Football .		2		4								1	6	100			4	0
Relay Race						0		0.5	12			14	1	-	14	4	3	0
Tug-of-War	-	18	 - 6		6			4	+								2	0
Total .			1				7.77			,						-	9	0





FOOTBALL 1910

Captain

H. C. Manson

Manager

W. D. EVERETT

Team

R. C. LOUTT . :						*	4	+		 4							-	Right End
C. W. Wallower														1				Right Tackle
J. M. FITZWATER																		Right Guard
H. S. Gorr		4	34	4	1	į,	4	8	1				Ha.					Center
H. C. Manson										-0.0			100	90				Left Guard
G. S. EMERSON												1			1	3	1	Left Tackle
F. F. Bell																		
H. D. BILLINGS .	20		34					40	5		- 4		-					Quarter Back
W. J. O'HEARN .																		Left Half Back
T. W. SAUL								0				1				3		Full Black
F. A. HURLEY																		Right Half Back

Substitutes

R. F. MAXCY .			-		2								Left Tackle
O. R. RIETSCHLIN	N		2							-	4	V.	Left Tackle
J. H. RUCKMAN			*	. +									Right Half Back
E. K. Jenckes													

Schedule of Games

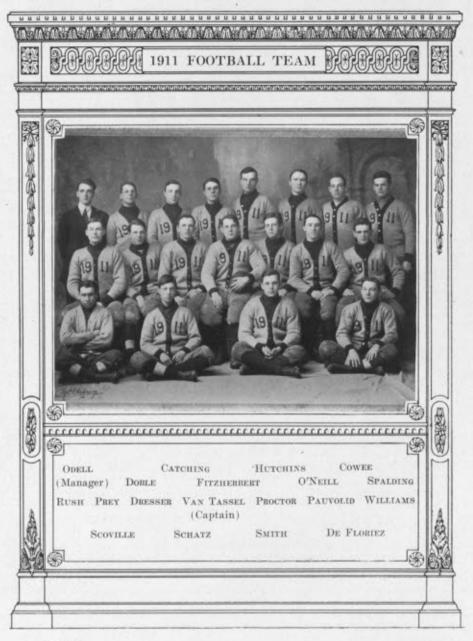
		Sec	ore
		'10	O.
October 23	Malden	. 10	0
October 26	Bridgewater Normal	. 6	0
	Lowell Textile		
November 8	1911	. 10 [23	0 31]



T. W. SAUL



H. C. Manson



[232]



October October October October Novemb

FOOTBALL 1911

Captain

E. D. VAN TASSEL

Manager

L. G. ODELL

L. DE FLOREZ, Right End

J. A. PROCTOR, Right Tackle

L. G. FITZHERBERT, Right Guard

H. H. CATCHING, Centre

E. D. VAN TASSEL, Left Guard

F. M. O'NEILL, Left Tackle

E. D. WILLIAMS, Left End

R. E. SCHATZ, Quarter Back

T. P. Dresser, Right Half Back

J. E. Rush, Left Half Back

I. R. PRAY, Full Back

Substitutes

O. HUTCHINS, Right Tackle

H. S. SMITH, Right End

A. E. COUPAL, Quarter Back

J. H. SCOVILLE, Right Half Back

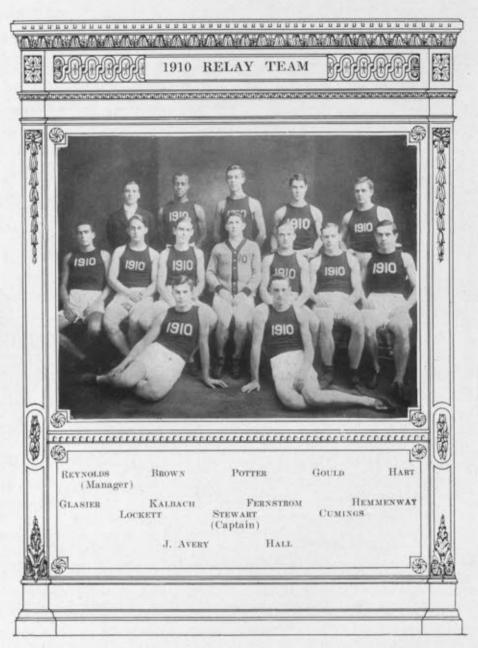
S. P. SPALDING, Left Half Back

G. A. Cowee, Left Half Back

VAN TASSEL

Schedule of Comes

	Schedule of Cames	Score
	191	
13, '07	Roxbury Latin School 6	10
r 19, '07	Tech 1909	0
26, '07	Dean Academy , , 0	26
30, '07	Mechanics Arts High School 0	0
per 8, '07	Tech 1910 0	10
		[233]





Relay Teams

1910

Captain F. D. Stewart Manager B. Reynolds

Team

K. D. FERNSTROM E. M. POTTER H. LOCKETT A. A. GOULD L. KALBACH H. T. HEMMENWAY M. B. Hall J. Avery, Jr. D. Brown, Jr. P. Hart G. B. Cumings F. D. Stewart

Substitute A. F. Glasier

1911

Captain
W. J. Seligman

Manager L. C. Cooley

Team

F. C. DOLKE
C. P. KERR
P. A. CUSHMAN
J. L. MCALLEN
R. M. SPENCER
D. R. STEVENS

I. S. James
P. D. White
N. N. Prentiss
W. C. Salisbury
G. B. Wilbur
W. J. Seligman

Substitutes

L. C. Cooley Distance 1 1-2 miles R. H. GOULD Time 5 minutes

Won by 1910



LOCKETT



SELIGMAN [235]





TUG-O'-WAR

1910 bs. 1911



1910

Captain .

Manager

M. R. THOMPSON

Anchor

W. H. DUFFIELD

C. C. DUDLEY

Team

J. SCHEUER L. C. BENNET W. K. BROWNELL W. H. DUFFIELD R. F. Goodwin, Jr. N. Ransohoff F. B. HOOKER G. E. BATCHELLER L. Davis

C. Jones A. J. FOOTE D. V. WILLIAMSON

J. F. COLE R. D. Wells F. L. Cobb J. J. Higgins L. E. Sawyer L. G. Rice H. P. Wasserboehr P. W. Burnham H. R. Wilbur M. Anderson L. M. Downs M. R. Thomson

B. WOHLGEMUTH

DUFFIELD

1911

Captain

Manager

Anchor

B. LAWRENCE

S. P. KIMBALL

S. P. KIMBALL

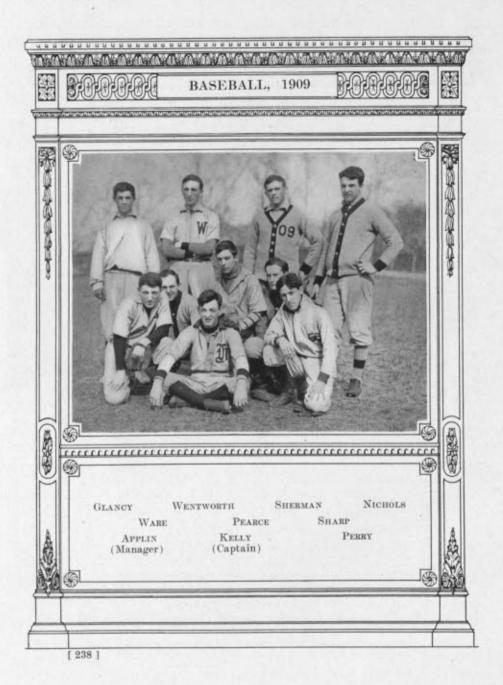
Team

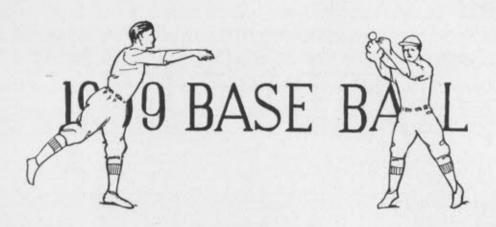
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W. J. KELLY

Manager

F. D. APPLIN

Team

F. D. APPLIN									2	5	'n			23	2	Pitcher
P. M. Wentw	O	RT.	H		-		100	3.8	10			0.00		10.7	14	Catcher
R. C. GLANCY							e P		-	12	10			2		First Base
W. J. Kelly	S	9			П				9							Second Base
E. A. WARE													1	9		Third Base
C. L. DAWES			13			0			- 0				6	3		Right Field
J. S. Pearce																
H. J. PERRY				8	É				-		r.			3		Short Stop
G. H. GRAY		FR)			6			N.								Center Field

Substitutes

F.	C.	HEARD .				4		Ų,		4	Second Base
H.	L.	SHERMAN				9					Pitcher

BILL KELLY

Schedule of Games

Dat	e																	Score	
																	1909		O.
April	2	1908	28.	1908		1		0	3			2				3	0		4
April	20	1909	28.	Tufts		'09	6.					40					12		13
April	23	1909	28.	Ballo	u	ane	1	H_0	bi	ga	nd						18		0
May	1	1909	28.	Bosto	m	Co	dl	egre	63		T						7		8
May	14	1909	118.	1910			-										2		12
May	18	1909	vs.	1910		-	-				7						0		. 4
				2													-		-
					Γ_0	otal		- 4			12	33	103	P.E	300	9	.39		41

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10 BASE BAY





Manager H. D. Billings

Tean

					26.000100					
F. A. HUBLEY						R. F. Maxcy				
W. J. O'HEARN .						E. D. GREENE				
H. D. BILLINGS					Short Stop	L. O. FRENCH	211	PRI	- 2	Second Base
R. C. LOUTIT .	-03		+13	4 4	Right Field	M. E. HARRIS	31.7	916975	3	Third Base
W. C. ARKELL	100	100			Left Field					

Substitute

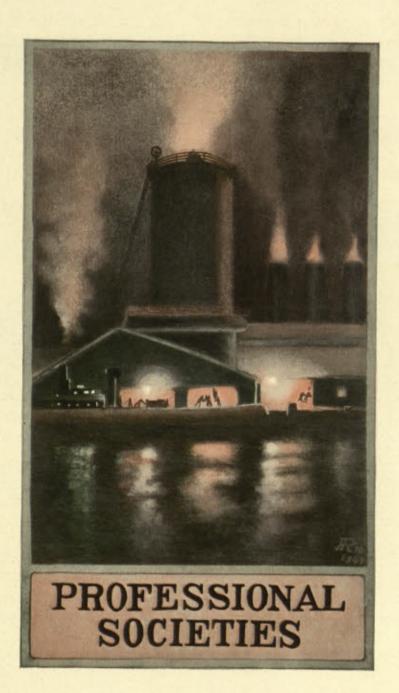
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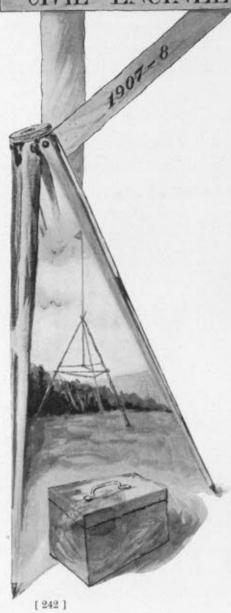
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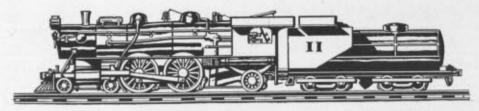
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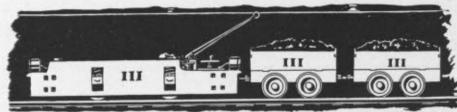
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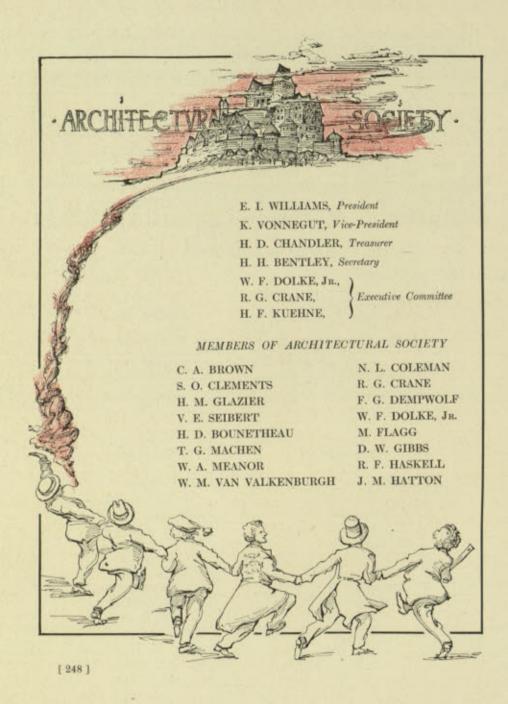
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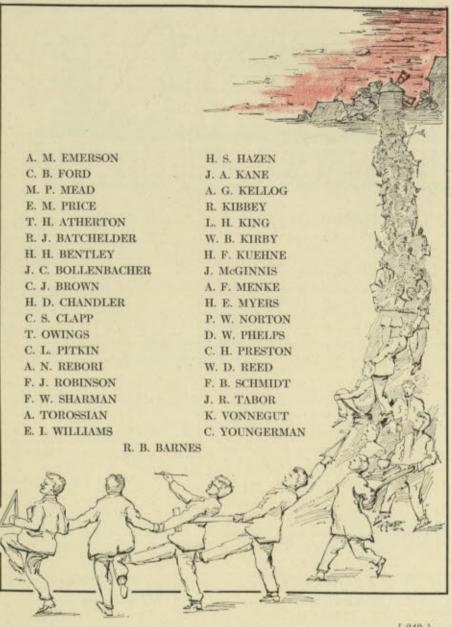
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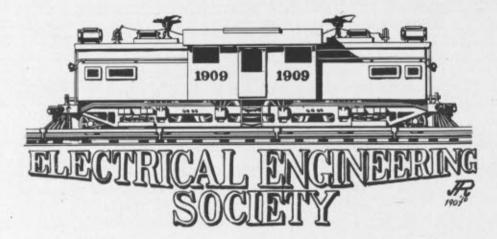
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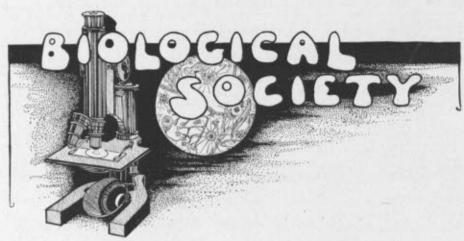
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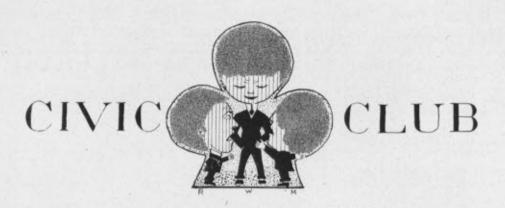
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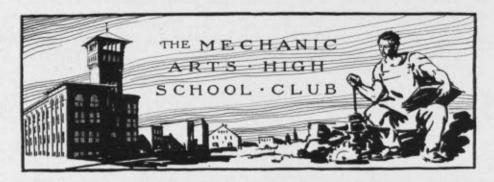
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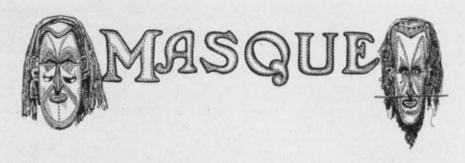
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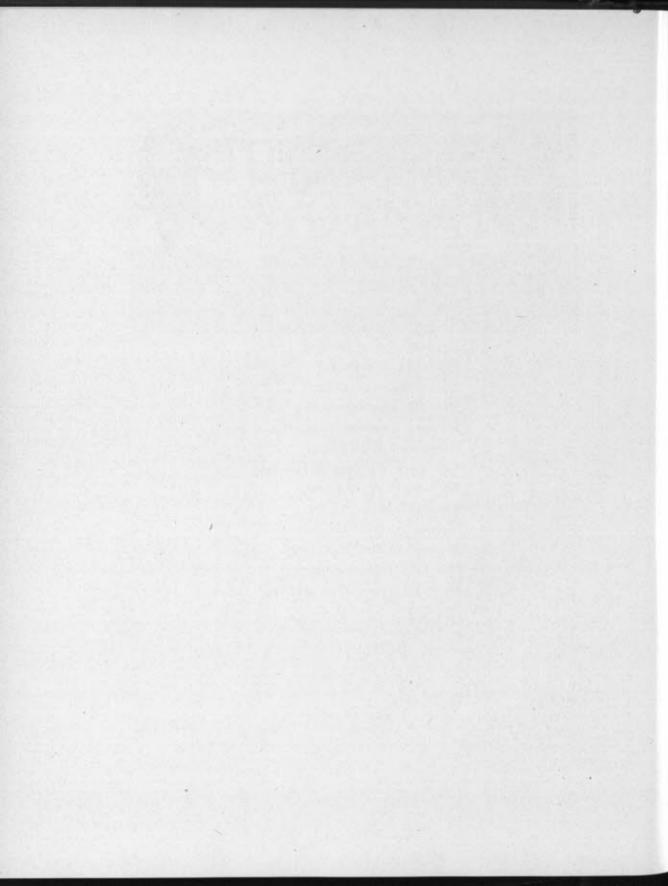
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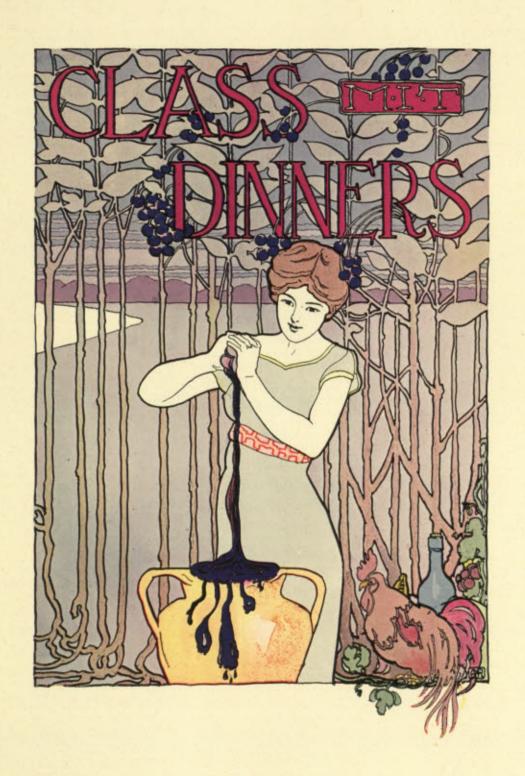
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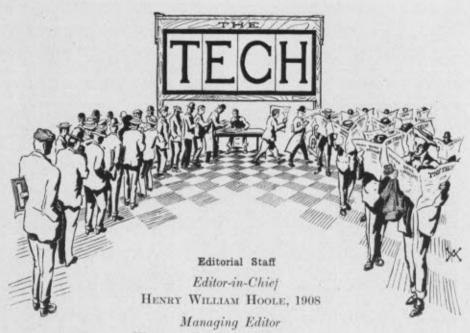
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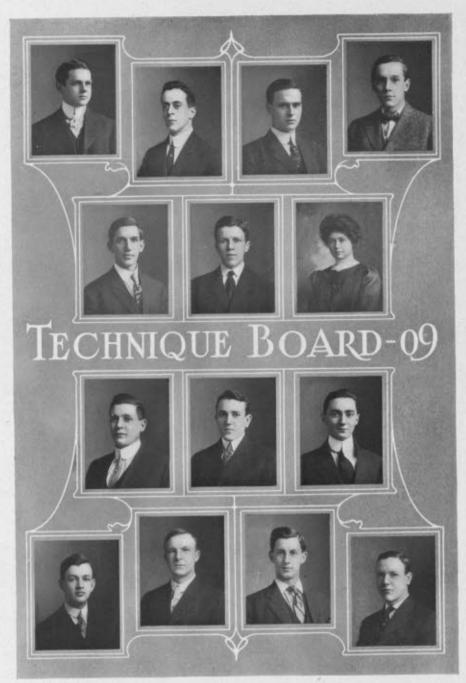
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THE TECH has been the official organ of the student body for twenty-six years. When it was first published, in 1881, it was a biweekly. It was changed in the fall of 1893 to a weekly, and in the fall of 1904 to a triweekly. The Tech Board of Editors is chosen from the student body by competition. At present the average sale is six hundred copies.

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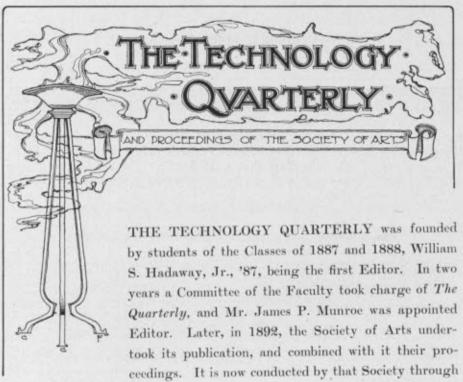
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ECHNIQUE first made its appearance at the Institute in 1885. It was called "Technique '85," and was published by the Class of '87. Although it was but a pamphlet, it showed that there was a demand for such a publication. "Technique '89" was the first to depart from the pamphlet form. Technique has developed with remarkable rapidity. It is now named after the class that publishes it. The Board of Editors is of the Junior Class and is chosen by an Electoral Committee at the end of the Sophomore year.

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THE TECHNOLOGY REVIEW is published quarterly by the Association of Class Secretaries. 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 Alumni Associations, and the news relating to the Technology Club, 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. It has already a large circulation, and is an important factor in extending the knowledge of the work that the Institute is doing.

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Premiated designs with programs, and a record of the mentions, are reproduced in it, and each issue contains a translation from some foreign work bearing particularly on the theory of Architecture.

Last year the Architectural Society established a Scholarship Fund from the proceeds of its Annual, and the proceeds of the Technology Architectural Record will be devoted to increasing this fund each year.

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The 1907 Song Book

THE class of 1907, feeling that the song book which had been in use up to the spring of 1907 was lacking in many features, appointed a committee to revise it.

This committee cut out many of the old songs which were unpopular with the fellows and added several which they hoped would be more suited to the taste of the average Tech man.

They retained the same cover design which had been used on the old books, with the addition of the words "New Edition" in red at the top.

The preface to the first edition was published as well as the new preface, which was written by President Pritchett.

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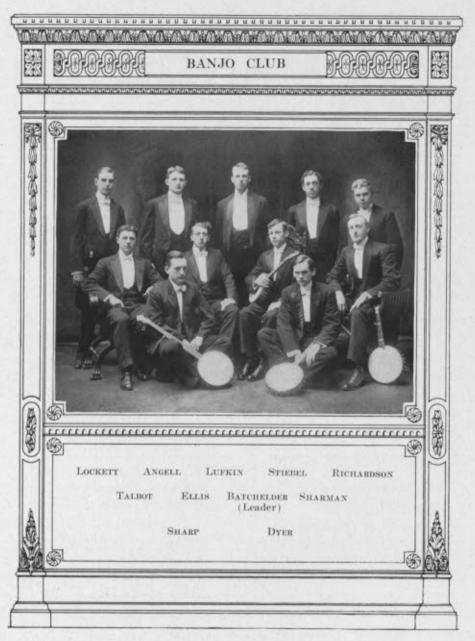
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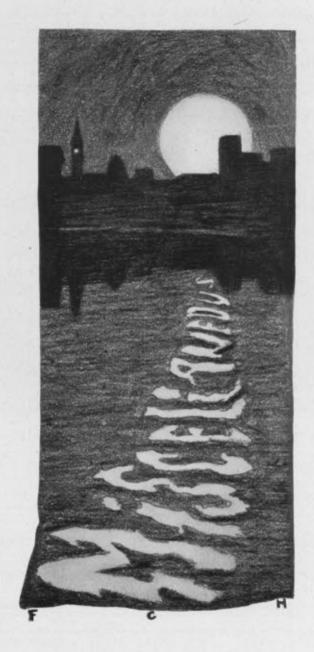
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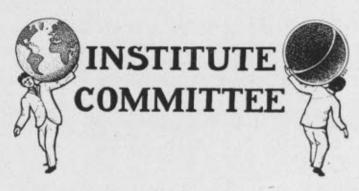
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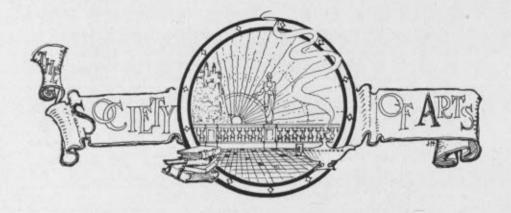
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Tech Show





Tenth Annual Tech Show

"OVER THE GARDEN WALL"

HE tenth annual Show, following after the very successful production of "William, Willie, and Bill" of the year before, found before it a difficult task. Writers of music and lyrics had left school with the Class of 1907, the faculty had rearranged Junior Week, and many of the best of the student actors could not return to the "stage."

James Francis was re-engaged to do the coaching, however, a dinner was given to interest new men in the Show, and "The Tech" helped arouse

interest through its columns. A Naval Academy man, G. C. Westervelt, produced the book "Over the Garden Wall." While this book is undoubtedly the best the Show has had for many years, a great deal of interest is added through the unexpected discovery that its plot somewhat resembles a famous play of Rostand's.

Junior Week was so arranged that the Show could not give its customary performances at one of the theatres, but the faculty kindly granted a petition for an extra afternoon's recess, and made possible the presentation of the play at the Hollis Street Theatre.

Early in the year the Show management felt the difficulties entailed in carrying the Show work on from year to year, when its members were often in large part changed. For that reason it obtained an Advisory Committee to insure a continuous policy and arrange the work on the most business-like basis. Bursar Rand, M. L. Emerson, '04, and H. A. Rapelye, '08, have kindly given some of their time to the Show.



CHARLEY BELDEN

Tenth Annual Tech Show, 1908

"OVER THE GARDEN WALL," by G. C. WESTERVELT

Music bu

A. E. THORNLEY, '09 H. A. HALE, Jr., '10 R. W. RYDEN, '08 K. N. Kennison, '08 Orville B. Dennison, '11 C. W. Hubbard, '09 H. S. Wonson, '07

Lyrics by

G. C. WESTERVELT, 08 C. Turner. '08 D. CLAPP. '10

Principals

8. A. MALCOM, '09 C. C. HIELD, '10 W. M. SCHOPTELD, '10 A. S. COURT, '09 P. D. WHITE, '11 H. H. CATCHING, '11 R. W. KIBBEY, '08 J. T. FINNIE, '09 C. H. WHITE, '09
C. J. BELDEN, '09
K. D. FERNSTROM, '10
R. C. JACOBS, '10
A. D. HEROLD, '09
G. T. PALMER, '09
J. J. HIGGINS, '10
E. R. JACKSON, '10
K. R. KENNISON, '08 Mrs. Sealytle
Helen Sealytle
Mrs. Starling
Marjorie Starling
Stella Starling
Marietta Baldini
Norah Donnelly
Alf Higgins
Professor Starling S. ALTAMARINO, '09

Chorus

Men

ELLIOT QUINCY ADAMS, '09
REUBEN WARNER BRUSH, '10
GE
JOHN FOSTER COLE, '10
JOSEPH CUMMINGS DORT, '09
CLESTER DWIGHT DUNLAP, '10
CHARLES EDWARDS, JR., '11
ANDREW LAWRIE FABENS, '10,
KENNETH WINSLOW FAUNCE, '11
VAN COURT WARREN, '10 GEORGE M. GADSBY, Special EDWARD RUSSEL HALL, 11 CHARLES FOSTER HORSON, '11 CARLETON WATERBURY HUBBARD, '09 LEONARD OLCOTT MILLS, '10 ARTHUR BRADFORD MORRILL, '09 NATHAN RANSOHOFF, '10 DONALD READ STEVENS, '11

Girls

HERBERT SQUIRES CLEVERDON, '10 ORVILLE BOARDMAN DENISON, '11 WILLIAM CRAIG FERGUSON, '09 JOSEPH CHEEVER FULLER, '11 MARCUS AURELIUS GROSSMAN, '11 SEYMOUR ASHLEY GUTHER, '10 HABOLO MAURICE HALLETT, '11 ARTHUR LESLIE HARBING, '10 WILLIAM FRANKLIN HERRICK, '11 JOHN ALDER HOLBROOK, '10 John Alder Holbrook, 10
Charles Phillips Kerr, '11
William Caruthers Kerr, '09
Frederick James King, '09
Russell Mack, Special
Ralph Albion Drury Preston, '10
Horert Stacy Smith, '11
Charles W. Whitmork, '08
Robert Odiorne Wood, '11

Dancing Girls

HENRY GEORGE ATKINSON BLACK, '10 ALTON MACE COOK, '08 EDWIN KENYON JENCKES, '10 [318]

THURSTON CABLES MERRIMAN, '09 WILLIAM JOHN ORCHARD, '10 MERRILL WILLIAM TILDEN, '10



GINZBERG

BELDEN

CHILDS

ALLEN KIBBEY

VONNEGUT

SANDO

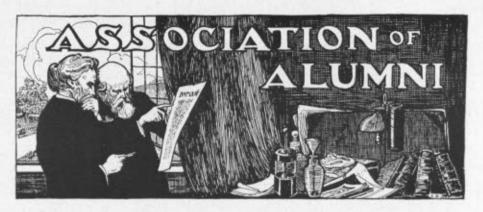
STEIN

REBORI

COFFIN



CHORUS, "WILLIAM, WILLIE, AND BILL"



Walter B. Snow, '82 .						,		,		President
EDWARD G. THOMAS, '87 ALBERT F. BEMIS, '93										$Vice ext{-}Presidents$
WALTER HUMPHREYS, '97										

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Technology Club of Pittsburgh

LUTHER K. YODER, '95, President Sumner B. Ely, '92, Vice-President Waldso Turner, '05, Secretary-Treasurer

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Technology Club of Washington, D. C.

Francis Walker, 1'92, President Frederick W. Swanton, '90, Secretary EDWIN F. ALLBRIGHT, '04, Vice-President Francis F. Longley, '04, Treasurer

Technology Club of Cincinnati

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MORTEN CARLISLE, '90

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Executive Committee

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Technology Club of Buffalo

- Henry A. Boyd, '79, Secretary-Treasurer Executive Committee

THE SECRETARY-TREASURER

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FREDERICK H. HOWLAND, '93

KENNETH F. WOOD, '94

J. O. Ames, '93, Secretary-Treasurer

Executive Committee

THE PRESIDENT VICE-PRESIDENT

SECRETARY-TREASURER ELEAZER B. HOMER, '85

JAMES G. WOOLWORTH, '78

Technology Club of New Bedford

CHARLES R. ALLEN, '85, President

CHARLES F. WING, JR., '98, Secretary-Treasurer

Executive Committee

THE PRESIDENT

Secretary-Treasurer

CHARLES F. LAWTON, '77

Technology Club of Vermont

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HARRY W. JONES, '82, President JACOB STONE, JR., '99, Secretary Henry Yoerg, '95, Vice-President Jesse Shuman, '97, Treasurer

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ident Robert B. Wallace, '99, Vice-President Sidney Y. Balla, '03, Secretary

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H. C. Blake, '07, Secretary

Technology Club of Central Pennsylvania

Lewis E. Johnson, '89, President

Stephen Badlam, '00, Secretary-Treasurer

Technology Club of the South

Allison Owen, President

F. W. Crosby, '90, Secretary-Treasurer

Technology Club of Annapolis

Charles H. Stratton, '00, Secretary

Letters from the Alumni

ARLY this year "Technique" sent a letter to each of the Alumni Associations requesting information for the benefit of the student body, in the hope that knowing what the Alumni are doing they will, upon graduation, be more willing to connect themselves with their home Association.

The following letters were received:

Technology Club of the Merrimack Valley

- (a) Date of founding, Oct. 4, 1901.
- (b) Number members. Card membership, 73.
- (c) Annual meeting. Some time in February. Numerous other meetings at irregular intervals during year.
 - (d) We have no club house or room.

In the spring of 1901, the present Secretary and several other Technology men in Lawrence arranged for a reunion and banquet of Tech men at the Franklin House, Lawrence. Pres. Pritchett, Dr. Tyler, and Dr. Bancroft of Phillips Andover Academy were present. As a sequel to that reunion, on Oct. 4, 1901, some of the men met again and formed the "Merrimack Valley Technology Club." A constitution was framed, and it is practically the same constitution that was several years later adopted as a uniform con-

stitution for the allied Technology Club throughout the United States. The name of the Society was later changed to its present form to conform with the uniform style adopted. The field covered by the Club includes Manchester, Nashua, N. H., Lowell, Lawrence, and Haverhill, together with the adjacent smaller towns.

Annual meeting is usually held during the week of the semiannual vacation in February. A number of other meetings are held at irregular intervals during the year. As speakers at the various meetings we have had Dr. Pritchett, Prof. Swain, Prof. Barton, Prof. Winslow, Prof. Jaggar, Mr. Jas. P. Munroe, Mr. Everett Morss, Mr. Henry Morss, and others.

The officers are: President, Richard A. Hale, '77, Lawrence; Vice-President, E. B. Carney, '93, Lowell; Secretary, John A. Collins, Jr., '97, Lawrence; Treasurer, W. O. Hildreth, '87, Lowell; Executive Committee: President, Vice-President, Secretary, Treasurer, and C. H. Eames, '97, Lowell.

The Pittsburgh Association of the Massachusetts Institute of Technology

Dear Sir, — Replying to your favor of the 8th inst., relative to the revival of interest which "Technique" intends manifesting in the Alumni, would say that we greatly appreciate the favor shown us and reply to your questions as follows:

- (a) The Club is called the Pittsburgh Association of the Massachusetts Institute of Technology.
 - (b) Founded April 4, 1907.

- (c) Members, 125 (approximately).
- (d) We have an annual meeting, also informal gatherings at short intervals.
- (e) Several '05 and '06 men met informally and appointed a committee to investigate into the Pittsburgh Alumni Club, which they found had passed out of existence several years previously. They evolved into an organization committee, called on every one whose address could be obtained, and about fifty former students responded and organized the present association. Since then we have had several meetings, entertained Dr. Pritchett, and now have a mailing list of one hundred and seventy names. Our first annual dinner will be held on the 26th inst.
- (f) At present we hold our meetings at the new University Club, several of our members being members there also.

Trusting that "Technique 1909" will be the "best ever," and wishing you all success, we remain,

Very truly yours,

THE PITTSBURGH ASSOCIATION OF THE MASSACHUSETTS INSTI-TUTE OF TECHNOLOGY,

Waldso Turner, Secretary-Treasurer.

The Technology Club of Hartford

Dear Sir, — Replying to your favor of the 8th instant, asking for information in regard to our Club in Hartford, would say, that I will answer your questions in the order asked and trust you can make something out of the result.

(a) Our Club is called The Technology Club of Hartford.

- (b) The Club was founded March 25, 1905, by fourteen of the Alumni.
 - (c) We have 25 resident members and 20 non-resident members.
- (d) We have monthly meetings, except during three or four months in the summer, and then we have a midsummer outing. Our Annual Meeting is held the first Saturday in February of each year.
- (e) The object of our Club is to bring together those formerly connected with the Massachusetts Institute of Technology, residing in or about Hartford, for the purpose of social intercourse and mutual advantage, and also to forward the interests of Alma Mater. We generally have some one outside of the Club as our guest, who furnishes us with a talk on some scientific subject, which is afterwards discussed by the members. Refreshments are served and smoking is allowed at our meetings.
- (f) We have no club house or club rooms, but hold our meetings at the Hartford Club or in the Rathskeller at Heublein's Hotel.

Trusting this information will be what you desire, I remain, Yours respectfully,

GEO. W. BAKER, Secretary.

The Technology Club of Philadelphia

Dear Sir, — I do not know in just what form you desire information regarding our Club, but I hope that the following will cover what points you wish.

The Technology Club of Philadelphia was founded in 1896

and has at present a membership of 53. The Club does not have a house or rooms of its own but holds its meetings at various hotels or clubs, about once a month. At these meetings informal dinners are usually served and papers are presented by the members. All persons who have been connected with the Institute for a year or more, either as a student or instructor, and who live within fifty miles of Philadelphia, are eligible for membership.

The officers for the year 1908 are as follows:

President, Jere R. Daniell, '97; Vice-President, Frank H. Keisker, '97; Secretary-Treasurer, Percy E. Tillson, '06, 3411 Walnut St., Philadelphia; Executive Committee: Clayton W. Pike, '89; Harry P. Coddington, '95; Fred A. Hunnewell, '97; Edgar P. Trask, '95; Lewis A. Miller, '01; H. LeRoy Walker, '05.

Hoping that the above will answer your purpose,

Yours sincerely, Percy E. Tillson.

M. I. T. Club of Cincinnati

Dear Sir, — Your letter of the 8th instant, relative to information concerning the M. I. T. Club of Cincinnati, O., has been received. The Club with the above name has been in existence since December 27th, 1901. It now consists of about 80 members, some of whom are from the oldest classes of the Institute. We have an annual meeting and dinner which attracts a goodly number, and which is always an enjoyable occasion for all present. Members of the Institute faculty, as well as men from other educational institutions, are usually invited to address the Club at

these annual meetings. The Club also has an informal weekly lunch meeting to which all members, who can get the time and opportunity, are cordially invited to attend. A midsummer outing day has been successfully carried out for several years, and has always proven a very pleasant affair.

We have no club room or building.

Very truly yours,

J. W. Ellms, Secretary.

1009 Windsor Street.

Washington Society of the Massachusetts Institute of Technology

Dear Sir, — The information asked for in your letter of February 8, regarding our Society, is as follows:

- (a) The name is Washington Society of the Massachusetts Institute of Technology.
 - (b) It was founded in 1899.
- (c) The Secretary has about 150 names on his list of residents and non-residents, many of these not active members. About 40 give active support.
 - (d) Regular meetings, 2d Monday of each month.
- (e) and (f) The Society was first organized with Frederick H. Newell, '85, as President, and R. E. Backenhus, '96, as Secretary. For a number of years the Society had no rooms of its own, and held occasional meetings in temporary quarters. The rooms of the Washington Architectural Society were borrowed for some

time. Finally the plan was conceived by some of our members, who knew that other college alumni organizations in the city were similarly situated as ourselves, of forming a Washington University Club. Several meetings were held, and in the course of a year or two the plan bore fruit in the hiring of a good-sized club house, centrally located on 16th Street, which was fitted with all the appointments of a first-class club, including a good-sized room where different alumni organizations could hold their meetings in turn. Regular meetings of our Society have been held here for nearly four years. Each meeting now begins with an informal dinner served in a private dining room at half past six o'clock.

The officers for the present year are:

M. O. Leighton, '96, President; F. W. Swanton, '90, Vice-President; A. C. Willard, '04, Secretary, 2926 Newark St., Cleveland Park, D. C.; F. F. Longley, '04, Treasurer; E. F. Allbright, '04, Member Executive Committee.

Truly yours,
Frederick W. Swanton, Ex-Secretary.

1641 13th Street.

Technology Association of the Connecticut Valley

Dear Sir, — Yours of the 8th instant is at hand, and has my attention. Following is a brief outline of the "Technology Association of the Connecticut Valley."

The Club was formed in 1895. The region from which the membership is drawn comprises the entire territory in and adjacent to the Connecticut Valley. One meeting is held during the year, usually in April, at either Springfield or Hartford, and takes the form of a banquet at which there are generally several speakers. The Club has no permanent officers, but at each meeting an executive committee for the next meeting is elected. All Technology men living within the territory named are considered members. Trusting the above will give you the desired information, I am

Very truly yours,

E. P. Marsh.

Technology Club of New Bedford

Dear Sir, — In regard to yours of February 7th, I am very much pleased to give you the following information, which I hope will be of use to you.

The Technology Club of New Bedford was founded on December 30, 1904, with 18 members, which is about the present membership. The club was formed when the merger question was interesting all Tech men, through the efforts of Mr. Tillinghast, '70. The annual meeting takes place on the first Thursday of November, and other meetings are held at the call of the Executive Committee. Every year at our annual dinner the club entertains some of the older professors of Tech and listens to the history of the preceding year at Tech and the plans for the future, thus, we hope, keeping in touch with our Alma Mater.

Very truly yours, Chas. F. Wing, Jr., Secretary.



'93 FREDERIC H. FAY, Secretary, City Hall, Boston

'05 I. W. LITCHFIELD, Assistant Secretary

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'68	ROBERT H. RICHARDS	'90	GEORGE L. GILMORE
'69	HOWARD A. CARSON	'91	HOWARD C. FORBES
'70	CHARLES R. CROSS	'92	WILLIAM A. JOHNSTON
	EDWARD W. ROLLINS	'93	FREDERIC H. FAY
'72	C. FRANK ALLEN	'94	SAMUEL C. PRESCOTT
	SAMUEL E. TINKHAM	'95	HAROLD K. BARROWS
'74	CHARLES F. REED	'96	EDWARD S. MANSFIELD
'75		'97	JOHN A. COLLINS, JR.
'76	JOHN R. FREEMAN	'98	CHASEDWARD A. WINSLOW
'77	RICHARD A. HALE	'99	HENRY J. SKINNER
'78	LINWOOD O. TOWNE	'00	HARRY E. OSGOOD
	EDWIN C. MILLER	'01	ROBERT L. WILLIAMS
'80	GEORGE H. BARTON	.05	FREDERICK H. HUNTER
'81	FRANK E. CAME	'03	WALTER H. ADAMS
'82	WALTER B. SNOW	'04	REGINALD A. WENTWORTH
'83	HARVEY S. CHASE	'05	GROSVERNOR DEW. MARCY
'84	WILLIAM L. PUFFER	'06	T. L. HINCKLEY
'85	I. W. LITCHFIELD	'07	A. MACOMBER
'86	ARTHUR G. ROBBINS	'08	JOHN T. TOBIN
'87	EDWARD G. THOMAS	'09	DELOS G. HAYNES
*88	WILLIAM G. SNOW	'10	CURTIS C. WEBB
'89	WILLIAM E. MOTT	'11	WILBUR Y. STAMPER, JR.

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ALFRED E. BURTON, Dean
ALIYN L. MERRILL, Secretary of the Faculty
WALTER B. SNOW, President of the Alumni Association
JAMES F. NORRIS, President of the Technology Club
WALTER HUMPHREYS, '97, Secretary of the Alumni Association
ANGELO T. HEYWOOD, '06, Secretary of the Technology Club (Boston)
HARRY A. RAPELYE, '08, President of the Institute Committee
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Andrew W. Woodman, '90 Northwestern Association

Maurice B. Biscoe, '93

Rocky Mountain Technology Club EDMUND P. MARSH, '89

Technology Club of the Connecticut Valley Allston Sargent, '98

Technology Club of New York
J. R. Daniell, '97
Technology Club of Philadelphia

Waldso Turner, '05 Pittsburgh Association M.I.T.

Henry A. Boyd, '79 Technology Society of Western New York Frederick W. Swanton, '90

Washington Society M.I.T. J. W. Ellms, '93

M.I.T. Club of Cincinnati

John A. Collins, Jr., '97 Technology Club of the Merrimack Valley

CHARLES H. STRATTON, '00 Society of the M.I.T. of Annapolis

J. O. Ames, '93

Technology Club of Rhode Island Charles F. Wing, Jr., '99 Technology Club of New Bedford

George W. Baker, '92 Technology Club of Hartford

Elbridge C. Jacobs, '97 Vermont Technology Association

Jacob Stone, Jr., '99

Technology Club of Minnesota

SIDNEY Y. BALL, '03 The Technology Club of Northern Ohio

F. W. Crosby, '90

Technology Club of the South

108 La Selle St., Chicago, Ill.

28 East 18th St., Denver, Colo

c/o Stebbins Mfg. Co., Springfield, Mass.

36 East 28th St., New York, N. Y.

243 Poplar Ave., Woodbury, N. J.

1173 Frick Building Annex, Pittsburg, Pa.

125 Erie Co. Bank Building, Buffalo, N. Y.

1641 13th St., N. W., Washington, D. C.

1009 Windsor St., Cincinnati, Ohio

67 Thorndike St., Lawrence, Mass.

195 Hanover St., Annapolis, Md.

47 Charles St., Providence, R. I.

61 Morgan St., New Bedford, Mass.

Box 983, Hartford, Conn.

118 Pearl St., Burlington, Vt.

2436 Nicolet Ave., Minneapolis, Minn.

The W. C. Ball Watch Co., Cleveland, Ohio

706 Norris Building, New Orleans, La.

A General Meeting Place

N recent years, at nearly every educational institution in the country, a movement has been started for a general meeting place for the students, a common lounging room oftentimes with a big dining hall attached. This movement is but a natural outcome of the great increase in the enrolment in the various institutions.



COPLEY HALL

With the small enrolment in early years the social clubs, fraternities, and the like filled the needs of the student body, but with the great increase of students, the exclusiveness attendant to membership, and the cost, made these closed organizations inadequate to solve the social problems of college life.

The agitation for a popular gathering place has in great part come from the alumni of the institutions, they perhaps realizing the need more fully than the undergraduates or the faculty.

This development has been repeated at the Institute. At first

Technology was in the nature of a day trade school, with courses in mechanic arts. As the school became more and more a university of technology, social clubs and fraternities were started to supply a growing demand. With the great increase in the enrolment in the late nineties came the feeling among the alumni that a general meeting place was needed. Two movements resulted from this feeling, — the one for a Walker Memorial Gymnasium, the other for Technology dormitories. General Walker, through his views and actions, laid the foundations for these two movements, but, sad for both, did not live to see their fulfilment.

The Walker Memorial Gymnasium movement was first conceived in 1898 by Dr. Harry Tyler, then Secretary of the Association of Class Secretaries. The originator presented his idea to the alumni, his plan being that of a building to be used as a gymnasium, and to be called the Walker Memorial. This idea of a gymnasium as a memorial met with instant approval, because of President Walker's great interest in the student body as a whole. It was decided to raise the money for the memorial among the alumni, and in less than a year twelve thousand dollars had been subscribed. Additions were made to this fund by various means, with the aid of Dr. Pritchett, until upward to one hundred thousand dollars had been raised. Plans were drawn for the building, and the plot of land selected for the site is where the Lowell Building and Engineering C now stand. The agitation for a new site and the Harvard merger question stopped all operations on the building; the land was used for the abovementioned temporary structures.

The movement for Technology dormitories never amounted to anything. Lack of co-operation between the promoters and the Institute authorities, together with unsatisfactory management and high prices, made the Technology Chambers, erected as a part

of the dormitory system, unsuccessful.

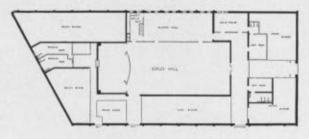
The failure of both of these enterprises, one to be completed, the other in its completion not fulfilling the expectations of the Institute authorities, led Dr. Pritchett to have two rooms, with a kitchen attached, renovated and furnished in the Mechanical Laboratories Building on Garrison Street. Much of the money for this was secured from friends of the Institute. Dr. Pritchett started this as the Tech Union, the first room ever fitted up at the Institute for a general gathering place for the students.

From the first the need of such an institution as the Union was shown. The club dinners, reunions, and Saturday night Kommers held here filled a large gap in the Institute social life. The real life of the Union started with Mr. Rand's noonday lunches. The giving of mid-day meals in the Union made possible a larger and more experienced kitchen staff, better service, and a capital for improvements, so that it was much easier and

more economical to furnish club dinners.

The inadequacy of the Union as a meeting place for fourteen hundred students was felt soon after the rooms were fitted up, and became more apparent as the institution grew in popularity. Dr. Noves voiced this feeling in his report to the Corporation in December, and the bringing forward of the need by the President of the Institute led to an agitation, planned and executed by the students, for a new Union in the centrally located Copley Hall Building on Clarendon Street. The idea of utilizing this building, owned by the Institute, had been thought of long before by the various authorities at the Institute, but none openly suggested its use as a Union, owing to the peculiar form of lease under which the Copley Society held the building. The idea was given to certain members connected with the staff of "The Tech," who in turn had it brought before the Institute Committee. The suggestion was to carry through an agitation among the students, the classes, and organizations. The Institute Committee voted to back the movement with money, called meetings of the four undergraduate classes, while "The Tech" advertised the matter through its columns, both by editorial and news articles. issue containing the suggestion of the use of the building, together with a scheme and description, was given a wide circulation with the money given by the Institute Committee, twenty-five hundred copies being printed and given away. The plan was presented to each class, the Walker Memorial Fund Committee was interested in the movement, while at the annual alumni dinner in January three speakers gave the matter notice, and the Copley Hall issue of "The Tech" was at every plate. The most influential of the alumni were in favor, the Institute authorities welcomed the plan, while the student organizations followed one another closely in backing the movement. From the start there was no opposition, no argument against, except that of financial expediency, and the temporary character of such an institution.

In order to bring forward the definite needs of the students in this direction, and answer some of the arguments advanced against the plan, Harry A. Rapelye, President of the Institute Committee, and Henry Wm. Hoole, Editor-in-Chief of "The Tech,"



FLOOR PLAN

drew up and presented a petition covering fully the student side of the need for the Copley Hall Building. After calling attention to the crowded condition of the Rogers Building, the petition brought out in regard to the Institute departments the overcrowded condition of the Mechanical Laboratories, the inadequate Chipping and Filing Laboratory, the need for the rooms by the Institute now used by student interests in Rogers Building, the recurrent demand for small recitation rooms, and the need of study rooms for the lower classes, all of which needs would be satisfied by the use of the Copley Hall Building. On the student side the petition pointed out the inadequacy of the lunch room system to cope with the problem of feeding fourteen hundred students, the need of a common or lounging room, the advisability of trying out in some way the schemes for the arrangement of the

permanent Walker Memorial Building, the desirability of making the Walker Memorial a live issue, the pressing need of a greater social life at the Institute, the need of an opportunity to practice the general principles of business under favorable circumstances in the various student enterprises, and the great need of nourishing and propagating a loyalty and spirit to and for Technology among the undergraduates in order to have that same lovalty among the future alumni. The tentative plan presented with this petition contained a dining hall, lunch room, lounging or common room, a place for the Frank Cilley Memorial Library, study rooms, small recitation rooms, a central post-office, and headquarters for the various student organizations and the Alumni Association. Appended to the petition were resolutions from the Board of Editors of "The Tech," the Institute Committee, "Technique, 1909," the classes of 1907, 1908, 1909, 1910, and 1911, the Tech Show Management, the Technology Y. M. C. A., the Civil Engineering Society, the Mechanical Engineering Society, the Architectural Society, the combined Musical clubs, and the Walker Club.

Through an inability to make financial arrangements, and peculiar conditions, the Institute authorities were unable to secure as great a portion of the building as the students desired. Plans have been drawn up and money secured for the installation of a dining room on the second floor of the Copley Hall Building, at the end next to Engineering alley. A platform will be run from the entrance to Engineering A to the dining room entrance. The dining room will be over twice the floor area of the old Union, with arrangements for nearly three times the seating capacity. The kitchen will be situated on the first floor, with ample storage spaces in the cellar. On the first floor will be fitted up a lounging room, with library and smoking room. The Cage will be transferred from Rogers Building to this floor. Copley Hall can be used without rent by the various student organizations upon application to the Copley Society. The Union will be opened with the next school year.





Thursday, May 30th

CLASS DINNER

American House, 6.30 P.M.

Friday, May 31st

ALUMNI RECEPTION

Engineering B., 7.30 P.M.

Saturday, June 1st

CONCERT TO THE CLASS BY THE MUSICAL CLUBS

Huntington Hall, 8 P.M.

Sunday, June 2d

BACCALAUREATE SERMON BY THE REV. DR. HENRY S. NASH

Trinity Church, 4 P.M.

Monday, June 3d

CLASS DAY EXERCISES

CLASS SPREAD

Huntington Hall, 2 P.M.

On the Lawn, 4 P.M.

SENIOR DANCE

Copley Hall, 8.30 P.M.

Tuesday, June 4th

GRADUATION EXERCISES AND CONFERRING OF DEGREES

Huntington Hall, 2.30 P.M.

PRESIDENT'S RECEPTION

In the Library, 4 P.M.

"TECH NIGHT" AT THE "POPS"

Symphony Hall, 8 P.M.

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Class Day Program

Music

PRESIDENT'S ADDRESS
LAWRENCE ALLEN

FIRST MARSHAL'S ADDRESS JOHN H. LEAVELL

STATISTICS AND HISTORY DONALD G. ROBBINS

Music

PROPHECY ERLE F. WHITNEY

PRESENTATION ORATION

JOHN M. FRANK

Music

ORATION

HUDSON B. HASTINGS

PRESENTATION OF CLASS GIFT LAWRENCE ALLEN

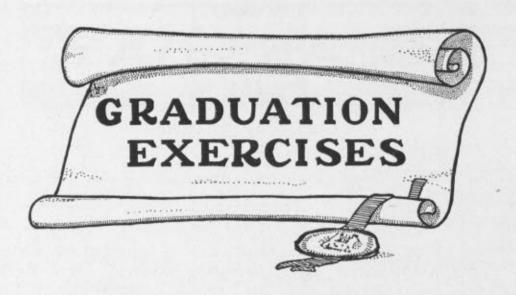
Class Day Officers

Class Day Committee

ROBERT CLIFFORD ALBRO
CHARLES EVERETT ALLEN
LAWRENCE ALLEN
JAMES MADISON BARKER
CHARLES RIDGAWAY BRAGDON
CHARLES WOLSTON COFFIN
ALBERT HENRY DONNEWALD
JOHN MAYER FRANK
GARDNER SABIN GOULD
GEORGE APPLETON GRIFFIN
HUDSON BRIDGE HASTINGS
CLARENCE DECATUR HOWE

RD ALBRO
TT ALLEN
SN
BARKER
BARKER
WAY BRAGDON
ON COFFIN
DONNEWALD
RANK
GOULD
ON GRIFFIN
CHASTINGS
TURT READ
COCAR HENRY STARKWEATHER
PHELPS NASH SWE'TT
TUR HOWE
WILLIAM LYSANDER
JOHN HOLLAND LEAVELL
FRANK SANDERSON McGREGOR
ALEXANDER MACOMBER
SAMUEL ABRAHAM MARX
NATHAN ATHERTON MIDDLETON
STUART READ MILLER
EMERSON HEARD PACKARD
KARL WILLIS RICHARDS
OSCAR HENRY STARKWEATHER
PHELPS NASH SWE'TT
ERLE FRANCIS WHITNEY

[341]



Huntington Ball, Tuesday, June 4, 1907

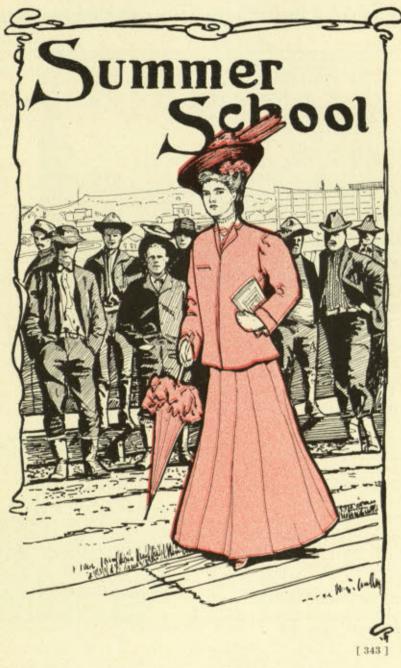
INTRODUCTORY REMARKS

READING OF ABSTRACTS OF THESES

ADDRESS BY THE PRESIDENT

CONFERRING OF DEGREES

PRESIDENT'S RECEPTION



The 1907 Civil Engineering Summer School



ICKFORD'S Camps at Rangeley Lake in Maine came first to our view at sunset on June 3, 1907, and the proprietor, Henry E. Pickford, began at once to balance his cash account and look worried when he saw the party attack the supper that awaited it.

As soon as we were duly divided and settled in our respective camps, — namely, Idylour, Duzupleze, Kumagen, Ewing, New

York, Tacureze, and Tumbleinn, all of peeled spruce logs, — most of us inspected the Rangeley village, about a mile from the camps, and it did not take long either, if you take out time for the chap in the drug store to mix sodas, — it took him ages. The post-office and the Rexall store, with its 29 cent Saturday candy, were the only other attractions.

The first morning Professor Robbins picked out the steepest hills he



could find and took us to walk—he called it a reconnaissance. Anyway the result was that "Pick's" heart again sank at dinner, especially as this was the beginning of Barnett's attempted corner

on Worcestershire sauce. For particulars, ask him. We also discovered the famous cookies at this meal.

Inside of three days, half a dozen triangulation signals were erected on prominent hills near the lake and, after numerous attempts, two measurements of a base line were found to check.

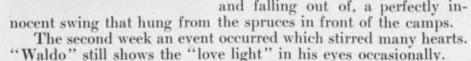
"Lucy" Lougee was in on "Pick's" cigarette combine. We wonder how many car-loads of "Turkish Trollops" they had left

on their hands. Nobody wanted to smoke them. We implicated "Lucy" because he wore Pickford's stickers from his hat

to the soles of his shoes. It pays to advertise.

The Sundays were a problem, but the bunch was equal to it. Sherman and Nisbet did the 7000 feet swim from Ram Island to the camps. Several boat races were planned but never got any farther. Several of the very ambitious took the hikes to Kennebago Lake and to Saddleback Mountain,—the second highest in Maine. Tillard

also amused himself by breaking,



Stadia and plane-table work was undertaken between thunder





showers. Once Nisbet and Shaw missed connection with shelter and decided to complete the bath by jumping into the lake. "Art" forgot that he had a money belt on and spent several days



drying out bills and railroad tickets. Yes, this was early in the month, so some of them were bank bills.

Professors Porter and Russell taught us to play with floats and gauges in Greendale and Kennebago streams. It was under the Greendale bridge that the tremendous trout were discovered. They turned out to be suckers. Soundings were also taken to determine the contour of the lake bottom. Was it fun? Ask some one of the

fellows that had to row while the lead was trailing.

A good many forgot their watches, so McCain volunteered to lie down and let us use his face for a sun-dial. After

a couple of weeks the whiskers blurred the shadow, so we had to give it up as he had n't the price of a shave.

Johnny Tobin, the true soldier, had many experiences. Once he thought he was going to get a drink from a water-pipe during a severe thunder-storm. He woke up half way across the room wondering what hit him. He also had his troubles locating a leak he thought was in the roof above his room.

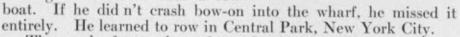


Professor Hosmer made some astronomical observations and gave us all a free look into the "gun." Lots better than paying a dime on Boston Common. Brooks and Dort made a photographic survey. Incidentally Brooks spent nearly all one day trying to figure out why he could n't find the focal length of a lens with a candle in broad

daylight with the sun shining. Is that the way they do it at Princeton?

Professor Robbins very generously gave us a Saturday off and a picked baseball team played the "West Rangeleys" down near Dr. Munyon's camps. We lost by a close score. Professor Breed umpired. The Doctor was n't there.

Whenever time hung heavy on our hands in the long evenings we watched Barnett try to make a landing at the float with a row-



The smoke from a large forest fire in New Hampshire made





the attempts at triangulation by heliotrope rather difficult, but fair success was met.

Professors Breed and Hosmer took a number of pictures for their latest book, among them "How not to Hold a Stadia Rod," posed by Pepper. All rights reserved. June 29 saw the party again en route for home. Instead of the pale crowd that went up fresh from the examination grind, there



YOHNNIE TOBIN

A. B. HENDERSON, '09

returned a husky sun-burned bunch with smiles that told better than words that every minute of the time had been enjoyed.

If you ever go to Rangeley, tell Mr. Pickford you know the Tech bunch and he will receive you with open arms—even if he does raise the price of your board on the assumption that all friends of Course I have Course I appetites.

Instructing Staff

Prof. A. G. Robbins in charge Prof. D. Porter Prof. C. B. Breed Prof. G. L. Hosmer Prof. G. E. Russell Mr. J. M. Barker Mr. Starb

W. C. YORK, '08

Students

S. F. Barnett, '09	S. LOUGEE, '09	R. C. RICE, '08
G. G. Brooks, '09	H. B. LUTHER, '08	H. Sharp, '09
J. C. DORT, '09	S. C. Lyon, '08	A. L. Shaw, '09
F. R. FAULKNER, '09	S. N. McCain, '09	H. L. Sherman, '09
R. H. Fellows, '09	J. MATTE, '09	H. V. SPURR, '08
J. C. Fuller, '09	L. D. Nisbet, '09	T. A. TILLARD, '09
H. T. GIDLEY, '09	R. W. Parlin, '08	J. T. TOBIN, '08
W. P. GREEN, '09	B. W. Pepper, '09	C. W. WHITMORE, 'C

C. W. RADFORD, '08

With the Party

Mrs. Robbins and children, Helen and James

Mrs. Porter and the Misses Porter

Mrs. Breed and son Alfred Mrs. Russell and son Edmund

1907 Mining Engineers' Summer School

EDNESDAY, June 5. The party leaving Boston at 8 p. m. by the Federal Express consisting of Prof. H. O. Hofman, Prof. C. E. Locke, Mr. C. R. Hayward, Herr E. H. Fischer, Herr F. Groll, Mr. F. E. Heard, Mr. O. O. Whited, and Mr. M. J. Daley.

One member of the party, Mr. F. B. Wood, had gone on ahead to Baltimore. All were fired with enthusiasm for sightseeing, so much so that part of the crowd were unable to remain all night in bed but had to look

after the ferrying in New York.

Thursday, June 6. Arrived in Baltimore at 8.40 A. M. Found ourselves in the forenoon, and in the afternoon visited the Maryland Steel Company at Sparrows Point, where
we saw the coke works and the gas plant
which supplies the gas for Baltimore. Note
writing in the evening did not end until 11.30,
which seemed rather strenuous to some of the
younger members.

Friday, June 7, and Saturday, June 8. Continued visits to the Maryland Steel Company, taking in the blast furnaces, Bessemer department, and rail mill. Had our lunches at the company restaurant and wrote our notes at the club house piazza on the shore of the Chesapeake, and the evenings were free for

sightseeing.

Sunday, June 9. We secured half a day of rest. In the afternoon we journeyed on to Harrisburg, such a quiet town that even the



BALTIMORE COURT HOUSE

hotel clerk had taken an afternoon off and we were forced to await his return before securing rooms. The \$14,000,000 graft capital was the objective point of our walks in the evening.

Monday, June 10, Tuesday, June 11, and Wednesday, June 12. These days were devoted to the plants of the Penn. Steel Company and the Central Iron

and Steel Company at Steelton. We saw blast furnaces, Bessemer plant, rail mill, open hearth furnaces, steel casting plant, spiegel furnaces and plate mill. As soon as work was over on these days the professors left us, being taken in



HARRISBURG \$14,000,000 CAPITOL

hand by some of the alumni. They came crawling in sometime in the small hours of the morning. The climax came on the last day, when they lunched with the mayor. We journeyed to Lebanon, Penn., on the afternoon of Wednesday. We were met by Mr. R. V. McKay, Tech, '06, who had been detailed as our special guide and custodian during our stay at Lebanon.

Friday, June 13. Visited the big open iron ore pit at Cornwall. Jumped the freight on

our return. Herr Fischer demonstrated that he had none of the characteristics of a "hobo" and it required the combined efforts of three of the party to land his two hundred and fifty pounds of German avoirdupois upon the moving train. The whole party received entertainment this evening at the house of Mr. Quincy Bent, the superintendent for the Penn. Steel Company. We

met several members of the staff and were refreshed mentally, liquidly, and solidly, and were able to see the weird effect of a blast furnace cast at night.

Friday, June 14. Prof. Hofman kicked because the moving trains under his window kept him awake all night. It was decided to work him a little harder so that tired nature would be able to combat successfully the Reading R. R. This day we saw the magnetic



SPIEGEL FURNACE, BETHLEHEM STEEL CO.

concentrator and roaster of the Penn. Steel Company. Our effort in behalf of Prof. Hofman proved unfortunate in another direction. Daley and Heard were apparently over taxed and fell asleep at the switch during note writing. Saturday, June 15. We saw puddling at the American Iron and Steel Co. and crucible work at the Lebanon Steel Casting Co.

Sunday, June 16. Advantage was taken of the day of rest to journey on

to Bethlehem, where Charlie Schwab did not meet us.

Monday, June 17. Did a real good day's work. Rose at 5 A. M. and after a light breakfast travelled to Hazelton, once the stronghold of the "Mollie Maguires." The Lehigh Coal Company was our objective point. Light refreshment in the form of fruit was again consumed and we marched through the big anthracite breaker and immediately fol-



HOTEL AT LEBANON

lowed this by a long trip underground, which resulted in an accumulation of lots of knowledge inwardly and a thick layer of coal dust outwardly. At 5 P. M., after having once more made connection through the coal dust to the alimentary canal, we had our first square meal of the day at the Palace Café. Our arrival back in Bethlehem occurred at 8.30 P. M. The squad did not



READING DEPOT

visit the Allentown Park this evening. Those members of the party including the German contingent, who had decided that they did not care about coal mining, stayed at home and enjoyed the pleasure of a personally conducted trip through the Bethlehem Steel Co. Plant.

Tuesday, June 18. Everybody took a day off. The more adventurous ones went canoeing upon the bosom of the Lehigh River. Daley and Heard

were unaccustomed to navigation in such shallow waters and ran upon an unexpected bar and went overboard. Daley's socks suffered very much in loss of glory and size. The Germans who had had more experience with bars navigated without any difficulty. Wednesday, June 19. A short trip brought us to Northampton to the plant of the Atlas Portland Cement Co. We were met by the whole staff, taken around in a private car, and shown everything in detail. We knew a lot more about cement when we got through than we did when we started.

Thursday, June 20. The plant of the New Jersey Zinc Co. was seen in the forenoon. In the evening we travelled on to New York, and finally the crowd

was safely landed at the Grand Union Hotel.

Friday, June 21. The Raritan Copper Co., at Perth Amboy, N. J., was visited. They have a very large electrolytic plant, 25,000,000 pounds of copper being constantly tied up.

Saturday, June 22. This was a nice warm day, consequently we visited a nice warm plant, that of the Atha Steel Casting Co. at Newark. The "Great



PRIVATE CAR, ATLAS PORTLAND CEMENT CO.

White Way" proved too much for Mr. Hayward and the doctors sent him back to the quiet confines of Quincy, Massachusetts.

Sunday, June 23. Everybody put in a good day seeing New York. Herr Fischer and Herr Groll solved the mystery of the New York saloons' side door without any help from anybody, they simply followed the crowd (not the Tech crowd).

Monday, June 24. The

journey was made through the swell part of Brooklyn to the Nichols' Chemical Co. We studied the blast furnaces and the electrolytic plant. They have

30,000,000 pounds of copper constantly tied up.

Tuesday, June 25. The last day of the trip was spent at the Balbach plant in Newark. This is a lead refinery. The silver output is one and one-half tons daily. The gold output is 1,200 ounces daily. The party was shown three and one half tons of silver but no souvenirs were passed around. The party broke up this evening. Some remained around New York to spend the balance of the money in their pocketbooks. Others who were broke hastened homeward. All were much gratified with the success of the Summer School and felt themselves deeply indebted to all the companies who had so liberally furnished us with information.

Calendar

To the Grinds, Professors, and other Inert Gases at the Institute, to Miss Eaton, Bursar Rand, Charlie at the Cage, and The Office Boy, to Major Bigelow, Mr. Blachstein, and Twenty-two Walker, to Charlie Adams, Andrew Maclachlan, and Engineering A Alley, the following three pages are respectfully dedicated.













Sat Jan 11
10 Wins Indoor meet
8,11, also ron 9 wolked

SPRING 1908



TECH welleps WILLIAMS Relay at BAA and Smashes Record at L.LG.



Hockey Team defects PRINCETON, WEST POINT DARTMOUTH etc.



Tues April 21 Junior Prom at the Somerset



April 20, 22. TECH Show "Over the Gorden Wall"



Technique 1909 appears.



Technique Board enters a deep untroubled sleep.



GRINDS

GRINDZ

THE PROF. DIRECTORY

BEING A PARTIAL LIST OF

THE PROFS.

Gaetano Lanza F. H. Rand

W. Humphries

H. W. Smith C. Frank Allen

Joseph Blachstein

H. K. Burrison

Charles Sawyer

Charles Adams

Charles R. Cross C. F. A. Currier

H. G. Pearson

D. P. Bartlett

C. C. Batchelor

C. H. Peabody

S. E. Gideon

THEIR OCCUPATION

Mechanical Collector of coins

Registrar

Electrical Civil Eng.

Languages

Drawing Drawing

Drawing Physics

History English

Math.

English Naval Arch.

Drawing

THEIR ALIASES

Getty, the Irish knight

Frankie, the Tech man's friend

Walter

Hot Wire Smith

Pa Allen

Blachie

Burrie

Free Hand Sawyer

Free Hand Charlie

Charley

Nancy Hanks

Molly

Dana P.

Chauncy

Peabo

1 caoo

Millimeter

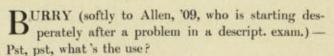
"FUSSER WEBB"

HARRY WEBB, '08 (who is doing "Lab" work at Dana Hall) — . . . that was a funny experience. (Ring at doorbell and a mighty kiss-fest as a girl greets her aunt. Short pause, Webb continues previous sentence.) Something just like that happened to me last night — (And then he woke up.)



Vingt-Trois

[358]



(Allen, '09, thinks he is getting a tip, and after spending fifteen minutes looking for a mistake proceeds as he had started.)

ALLEN, '09 (after exam.) - Mr. Burrison, what was wrong with that problem?

Burry — Oh, nothing. I was just having my little joke!

COURSE of events in outside world as echoed in Physics Lectures:

(After O'Brien fight) Experiment does not succeed.

CLASS '10 - Fake! Fake! Fa-a-a-ke!

(After Field Day Show, "The Red Mill") Experiment succeeds.

Class - "Marvellous! Mar-vel-lous!"

LOGICAL

PROF. PEARSON has written three questions for an English exam. on the board, and explains that the time is to be divided about equally among them.

Seeley - Does that first question say "answer briefly"?

Prof. — Yes.

SEELEY — Then if we are to divide the time equally, are they all to be answered briefly?

"MACBETH"

ROOM 23 WALKER,—all dark, bright spot from mirrors on combination tuning forks forming slowly revolving ellipse on curtain. Voice from depths of darkness, "Out, damned spot; out, I say!"

"QUICK, EASY, AND CONVENIENT"

PROF. WILLIAMS (in Junior Class) — How do you tell silicon fluoride? ROBINSON, '09 — Smell it, and if it kills you, it is.

THE HERETOFORE UNPUBLISHED RESOLUTIONS OF

A THEREAS:

VV One George Allison Haynes of the Board of Editors of The Tech did in his busy undergraduate activity evolve what on the surface appeared to be a hare-brained scheme; and,

Whereas:

One Henry William Hoole, also of the Board of Editors of The Tech, did snatch said scheme into his purboiling brain to suckle and enlarge it with love; and,

Whereas:

The above mentioned Henry William Hoole did then shoot off said scheme, mid a pyrotechnic spray of excited rhetorical figures, into that mass of gray convolutions with which Harry Andrew Rapelye has been known to think, and where fortunately it became enmeshed, causing, as it were, a slight vortex in the Rapelyan protoplasm; and,

Whereas:

This vortex grew in angular velocity until it reached an absorbing tendency of unfortunate scope, due to the proximity of final examinations, and resulted in an unforeseeable, unprecedented, and surely an unpremeditated action on the part of the Institute Committee in that it expressed itself in careful English, giving the proposed scheme their endorsement: and,

Whereas:

The once mentioned Board of Editors of The Tech did, in the same issue of The Tech which printed the modest declaration of the Institute Committee, propose said scheme with lurid dignity and did invite a virulent epidemic of vortexial cerebral-protoplasmic activity;

Resolved:

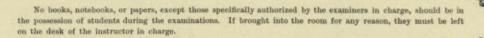
That Cleofan does hereby say that it has for this scheme a very cordial interest, and that it desires it intensely.

"STRANGE"

HUSSY (in Cement Lab. Scale arm down, still continues to take cement off scales) — How unsensitive that scale is! The arm won't go up at all!

Vingt-Trois

[360]



ELEMENTS OF ELECTRICAL ENGINEERING. (653.)

Courses II and X

Answers must be clear and concise.

1. If a man has a great big dynamo, running awfully, awfully fast and driven by a very strong engine, how many little motors will it drive at an average speed of 227 revolutions per minute if the efficiency of the dynamo is twice that of the engine? If the thermometer is 90° C? If it is raining hard ten miles away?

2. Given formula 1

$$\phi \left\{ x^2 n \frac{\mathrm{d}}{\mathrm{d}x} \left[x^3 \theta \int_x^{2\theta x} r.p.m.dt \right] \frac{p^4 z}{p^{10-8}} \right\} = 0,$$

prove that Θ is dependent on the quality of water used in the condenser attached to the engine driving the dynamo,

- 3. When an arc light sputters is it necessarily a sign that the fireman in the power house is a Canuck? If so, why so? If not, why not? What was said on this subject at the lecture on November 16th? Is this always the case? When does it?
- 4. Why does a street car go fast sometimes, slow other times, and occasionally stop altogether? Is this any reason why students should be stung with an exam. like this? If not, why not? If so, why so?

1 This is what plays the devil with the brushes.

² Because of the difficulty of this question we give the answer. The answer is "Yes."

January 29, 1908.

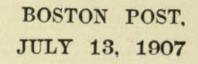
"TOMMY ALWAYS WAS SO QUICK"

FRESHMAN (in Chem. Lab.) — Oh, Mr. Pope, what shall I do? I've spilled H₂SO₄ and NH₄OH all over my desk.

"Tommy"-Well, I'd take some H2O and S-P-O-N-G-E and wipe it up!

"IT ISS, BUD IT AINDT"

HASTINGS, '09 (in Physics Recitation)—In a panoramic camera the straight lines are curved.



LANZA HELD WITHOUT BAIL

'I'M SO HAPPY NOW GAETANO'S FREE,'SAYSGIRL

Pretty Albina Scala was the happiest girl in Boston's Italian colony to-day because her sweethcart, Gaetano La was freed by the court where be trial for the killing of the g'in-law, Pirillo Cappuccio.

that "I knew it would come who had faith in the black-ey

would h

to

THOSE WORLDLY SOPHS

R OBINSON (starts to mention Romeo and Juliet before Soph class in English)

— "Romeo and Juliet" is beautiful — beautiful — But I hate to air the finer things of literature in an atmosphere not suited to their appreciation.

1st Junior (in Forging)—Say, lend me your waste.

2D DITTO — No, my mamma don't like it!

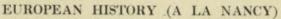
ROBINSON, '09 (in Pol. Econ.)—Well, if we have nearly all decided that a Revenue Tariff is better than a Protective Tariff, why doesn't the country adopt it?

"SURE!!"

FROST, '09 (in Differential Equations) — Mr. Wilson, in this example worked out in the book I don't see how he gets that expression as an integrating factor.

MR. WILSON — Neither do I. Gracious, you've got to take something the book says for granted!

CHARLIE — This equals KIS. (Profuse applause.) Gentlemen, your spelling is at fault.



I Noonsideringthethreeclasssystemof votingwemustrememberthatnotwithstandingtheinnumerabledisadvantagesconnectedwith ittherearesome paramountvirtueswhich apparentlyallthingsbeingevenyetatthesametimeunequalinweight we considerthatsometimesthisisgr-r-r-r-r- Boom!!



PROF. MILLER (in Steam) — Brass serves very well to mark on this indicator paper with. (Searches for a piece of brass, and finding none, marks on paper with his watchchain and then passes the paper around the class.)

Dow (after class) — Prof. Miller, I marked on that paper with my watch-chain, and my chain is gold!

"TECHNIQUE 1909" tickets — I promise to purchase one copy of "Technique 1909," at \$2.00 per copy.

"DEAD EASY"

PROF. MILLER (in Steam) — In a small town with a limited water supply I got permission to use the water in a pond in the cemetery as a cooling basin. This was easy because the authorities were pleased to have a fountain playing in the pond.

Dow—I suppose the people around there were just dying to go to that cemetery.

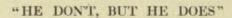
"PHONETIC GERMAN"

STUDENT (translating "Seinen Harnisch—zu reinigen")—To clean his harness.

Dr. Kurrelmeyer — "Harnisch" is "armor."
Student (continuing) — To varnish his armor!

Vingt-Trois

[363]



"POP" SWAIN (in "Materials") — Now we shall omit the chapter on copper, as an engineer has nothing to do with copper, although frequently he does!

"SEEING HELL"



"MILITARY SCIENCE AS SHE IS ANSWERED"

QUESTION—When breaking up camp, what should be done with the fire?

Answer — Feed it to the chickens.

No. 2 — Hang it up on the limb of a tree.

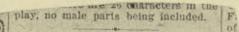
No. 3 - Kiss it good-bye.

No. 4 — Wrap it up in a piece of paper.

Do you wonder that the major is sometimes peevish?

Vingt-Trois

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BROCKTON BOY HONORED.

Harvey A. Sweetser Given Rank of Sergeant-Major in 'Tech Cadets.

ture When the appointments among the an i cadets at the Institute of Technology, Boston, were announced yesterday, it was found that a Brockton boy had won the highest honor among the freshmen. Harvey A. Sweetser, who new was captain of Company A in the plan local battalion two years ago and of s staff captain last year, was given the read rank of sergeant-major. While at the floor High school Sweetser was one of the will best officers the battalion ever had. mee

The boys feel that this appointment speaks highly of the work done by the battalion under the direction of Drill-Master Horace B. Hammond. The appointments at Tech awarded as the result of tests.

Two Taunton boys also got noncommissioned appointments. W. K. Hodgman was given the rank of color sergeant and Robert Haslam, who was major of the Taunton battalion last year, received drum-major. three officers were at the camp of the Old Colony battalion at Falmouth Heights last year.

Drill-Master Hammond is not at all surprised at Sweetser's appointment. He advised Sweetser to take the examinations.

BROCKTON HEIGHTS.

BREED (Highways) - What made the wooden block pavements in Chicago go to pieces? CRUNSKY (just waking up) - The joints let the smoke in which oxidized the wood.

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DROF. MULLIKEN (in Organic Chem.) - The temperature of the solution is brought up to 140° by immersing the bulb of the thermometer in it.



ROF. SMITH (in Electrical Lecture) -This resistance box has 1000 ohms. It's all in.

ROBBINS (Top. Draw.) — Your deciduous oak looks like caterpillars with the stomach ache.

Vingt-Trois

JW'S

30.

iends

"FAMOUS WORDS OF FAMOUS MEN"

Prof. Cross

Dr. Roever

Prof. Bartlett Prof. Wendell

Prof. H. W. Smith

Mr. Sawyer

Prof. Parks

Mr. Berry

Prof. Currier

Mr. Bradley Prof. Robbins

Mr. Collister

Prof. Jackson Prof. Lanza "At the close of our last lecture - "

"As you well know -- "

"That right?"

"What do you say? The next!"

"That's all wrong, and you know it!"

"The whole thing is simply this."

"Time's up, gentlemen."

"The value of this train = 23."

"Surely!"

"Just a few more words in closing,"

"That will be all."

"Don't forget the plumb 'bubs."

"Gentlemen, gentlemen, I beg of you, we cannot have this disorder."

"Ah-h-h-h-h! Manifestly!"

"Taint so! Huh?"

PROF. CLIFFORD (speaking of the usage of symbols in Electrical Engineering) — When I say the general usage, I mean my usage.

"BLACKIE" WANTED IN RALEIGH

Chief Watts received a letter from the warden of the Raleigh (N. C.) state prison stating that "Iowa Blackie," who was captured with the gans of yeggmen on upper Washington st., is wanted there for breaking jail. He escaped while serving a 19-year sentence and a reward of \$500 is offered for his return.

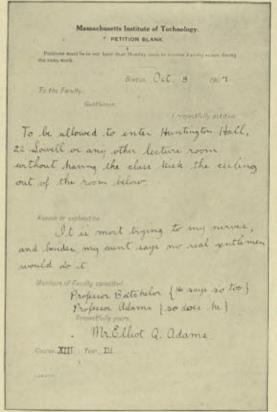
"ALL HET UP"

PROF. MILLER (in Boilers)—
This joint is very hard to get and costs like h—er—er—everything.
(Appreciative applause.) Excuse me, gentlemen, I forgot myself and thought I was talking to boiler makers.

PROF. DEWEY (in Pol. Econ.)—For instance, if a man has 2,000,000 bushels of wheat and sells them for $2\frac{1}{2}$ cents a yard



AS IT APPEARS TO US



SEAVER (Eng. Lit.)—So we see the population of London then was about equal to that of England to-day.

Passano-Less than anything you choose to assign, no matter how great.

DANA P. (covers three sides of the room on Theory of Limits. Stands back and surveys class asleep) — This, gentlemen, is the limit.

GEOLOGY JAGGER —
Thus we have absolute proof that five thousand years ago New York was higher and drier than it is now.

"EASY"

CROSS—At the close of our last lecture we were

discussing the mechanical analogy of the stretchibility of electricity.

MR. MILLER — In trying this method of integration, always begin with a little prayer for its success.

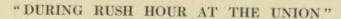
EXPLAIN, BILL

The many friends of W. J. Kelly will be interested to hear of his approaching marriage with a popular Jamaica Plain girl. They will spend their honeymoon travelling through Ireland.—Boston Post.

PROF. WALKER (to student who is busy with complicated experiment) — What the devil are you doing? STUDENT (who does not know Prof. Walker) — How in hell do I know!!

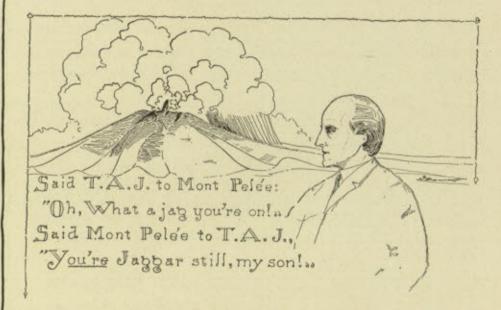
Vingt-Trois

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I / ICTIM — The crackers?

WAITER (looking the table over in perplexity) — Why, there was one here, but I don't know where it's gone.



GIDEON — Look here, young Kenney, that sheet should have been done long ago!

Presumptuous Freshie — Well, I came up to work on it yesterday afternoon, but Old Grouchy fired me out!

GIDEON - Old Grouchy?

P. F. (pointing to Burrie) — Yes, that old white-haired duck over there. (And P. F. wonders why he got a flunk!)

PROF. TALBOT (in the thick of an experiment) — When the coob tools — er — that is to say —! (But the laugh had gone round.)

CHARLIE (in Physics) — Phosphorescent paint is sometimes used to paint keyholes.

CHARLIE CROSS (in second-year Physics) — If a circus rider jumps forward instead of upward in making a jump through a ring, he will land on the neck of the horse, on the head of the horse, or on — er — er — beyond that.

 ${f P}^{
m ROF.}$ (to Proctor) — How did they [the victims] seem to enjoy my examination?

PROCTOR — Well, they enjoyed it so much that they all stayed the whole time.



"APPROPRIATE SONGS"

FOR Mac's
Tech Union Pie
Dana P.

Any Tech Man

Charley Cross

Union Steak

Vingt-Trois

- "Waiting."
- "Nearer My God to Thee."
- "Lock Me in My Little Cell."
- "It's All Going Out and It's None Coming In."
- "Why Do They Call Me the Gibson Girl?"
- "You Could n't Hardly Notice It At All."

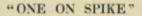
[369]

A. MITCHELL (after breaking tube of air thermometer and spilling mercury) — Hey, there, Forbes, come here! Forbes — Oh, gracious!



EXTRACT FROM A POL. ECON. NOTEBOOK

PROF. TALBOT (in Chem.) — The principal objection to using a five-gram sample of iron ore with forty per cent iron would be the necessity of a shovel to handle the precipitate or a step-ladder to read the burette.



(A TRUE STORY)

SPIKE McGUIGAN had asked Maurice Scharff several times to spend the night at his place in Brookline; so one time after a dance when Molly found himself stung on the last car back to Boston, he determined to avail himself of Spike's standing invitation. Accordingly he hunted up Spike's domicile and rang the doorbell. The landlady came to the door, saw Molly standing there in his dress-suit, and the following short dialogue ensued. Molly—Good morning, does Mr. McGuigan live here?

LANDLADY - Yes, bring him right in !

"WHO DID IT, CHARLES?"

CHARLIE (in Physics) — A piece of apparatus similar to this was stolen some years ago. I'm sorry to say it was not stolen by a student,

alwa, gleet

pain "criet

Linin

troub Sole

dreir large rauch in tornia,

Homer Bender left Saturday evening for Boston, where he will continue his studies at the Boston Technicality College.

Miss Maud Patterson, Miss Sunder



Others are: "Boston Teck," "Boston Inst. of Tech. (or Teck)."

"HIS AUBURN TRESSES"

CHARLIE (indicating J. I. Finnie, '09) — Those of you near the red end of the spectrum —

"THEY KNEW, OH YES, THEY KNEW!"

"MOLLY" PEARSON (English) — If a man writes home for money, would you call that style chronological?

CLASS - Sure!!

Vingt-Trois

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"'T WAS a dark and stormy night and the company were gathered around the camp fire"

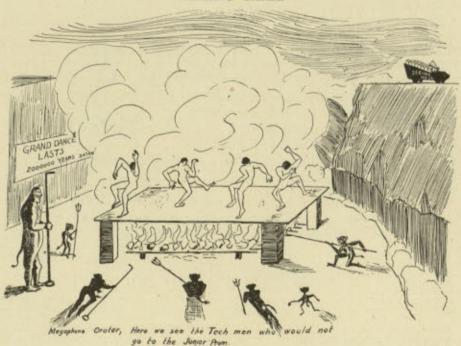
. . . same reasoning and a theatre party. The next day an impromptu exam. An instructor broke two ribs laughing at the student's paper and sent him a note. The student was filled with dismay, and resolved resolutions. "No more joy for me, I'm here to work. I'll cut my idle companions and associate with the serious fellows where I can hear sound ideas." For two weeks he was head of his course and had a bright answer for every question. But one day the fellows said, "Hey there, Bill, four of us know the way and Looie has just gotten a sudden stop from home; cut the steady grind and join us in a small party at Charlie's." The forces of conscience put up a small, nominal, vielding resistance. When the party broke up there was a head wind and they had to tack home. The next night the student said, "Well, I'm behind in my work, and a little bit more won't hurt, so while I'm taking my vacation I might as well take it good and plenty." Result, a merry evening at the Skating Rink. The next night same reasoning and a theatre party. The next day an impromptu exam. An instructor broke two ribs laughing at the student's paper and sent him a note. The student was filled with dismay and resolved resolutions. "No more joy for me, I'm here to work. I'll cut my idle companions and associate with the serious fellows where I can hear sound ideas." For two weeks he was head of the course and had a bright answer for every question. But one day the fellows said, "Hey there, Bill, four of us know the way and Looie has just gotten a sudden stop from home; cut the steady grind and join us in a small party at Charlie's." The forces of conscience put up a small, nominal, yielding resistance. When the party broke up there was a head wind and they had to tack home. The next night the student said, "Well, I'm behind in my work, and a little bit more won't hurt, so while I'm taking my vacation I might as well take it good and plenty." Result, a merry evening at the Skating Rink. The next night same reasoning . . .

"FRESHMAN DRILL"

CAPT. — Charge bayonets! Here, you, why don't you execute that order?
PLACID COUNTENANCE — Do you refer to me, sir?
CAPT. — Oh, I beg your pardon, Mr. Batchelder.

CONCERNING a certain subject we heard this remark, "It goes without saying as soon as it is stated." How can this be? And in the civics club, too!

"SEEING HELL"



"IN THE NEXT WORLD"

TECH STUDENT (new arrival) — Say, ol' man, Heaven is n't such a darn fine place after all! Really it is n't more than fifty per cent better than Tech!

TECH STUDENT (old resident) - But, my good fellow, this is n't Heaven!

PROF. WILSON (in Math.) — We'll take this equation in the northwest corner of the board.

DIFFERENT ways Gimson, '08, sees it spelled in the papers: — Ginson, Gunson, Gunson, Ginsen, Gumsen, G—— the Australian star, Gimpson, Gimsen, Jimsen, Gunnison, Grinson, Gibson, Grunson (and many others).

"NOW THERE: SUFFER!"

PROF. CROSS (in Physics, 23 Walker)— The Ventilating System in Walker was in its time the most perfect in the United States, and gave Prof. Goodrich, who designed it, an international reputation.

Class (Walker 23 was in its usual condition of freshness and pureness) — Hee, haw!

Prof. Cross — Your laughing at this remark of mine is merely another example of your gross, crass, dense ignorance of many subjects here at the Institute.



GRAVITY FEED

"FOR I'VE HAD EXPERIENCE"

PROF. MILLER (lecturing on turbines) — The steam now goes from the blades through the passage F.

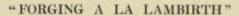
Bullard (murmuring to himself) — I never knew before that "F" was a passage!

PROF. BLACHSTEIN (to Allen, '09, who has been travelling in the north of France) — Monsieur Allen, when, you were in France, were you souse?

ALLEN (much grieved and shocked) - Nevaire, Mr. Blachstein, nevaire!

"AN' I GUESS THAT'S GOING SOME"

WE have heard from good authority that Mr. Dunkel having discovered that his son Charles having flunked Physics would be unable to take third-year subjects dependent on it, advised him to drop Tech, pass off Physics at Bryant and Stratton's, and re-enter Tech next year with a clear record.



HARD, hard, h-h-hard, whoa! easy, George, easy. Phew-w-w! Light when you miss, George, light when you miss. (Bang, ting, bang ting ting, bang ting bang.) Whoa! (Ting, ting-a-ting ting, clang, clang.) Now then, a little water. HARD! (BANG.) S-s-s-s-s-straight up and down, hard, HARD, Ha— Light when you miss, George! etc., etc.

"MOTTOES, ETC., OUTSIDE AND INSIDE TECH"

Do unto others as you would, etc.
Do others before they do you.
Handsome is that handsome does.
Freshmen is what Adams does.

A bird in the hand, etc.

A book in the hand is worth \$5.25.

Charity covers a multitude of sins.

M. I. T. covers a multitude of skins.

There's no such word as fail (mild sarcasm).

Never say die.

Ever say buy.

Wendells may come and Wendells may go, but Cross goes on forever.

FIRST '10 — Say, does n't McMurtrie get off some beautiful color plots in the way of socks?

Second '10 — Plots! Those are n't plots! Those are riots!

C ACICEDO, '09—The hen laid down an egg.

"GLEE CLUB"

Good Lord KEYES—The Lord is too short.

Make it a little longer.



THE following is an actual correspondence between Bill Adams, '08, and Bursar Rand.

Mr. F. H. Rand, Bursar

Mass, Inst. Tech., Boston, Mass.

Dear Mr. Rand: — Through some means — I can't just fathom how — this check got away from you without your signature, but I won't tell the Dean if you will now affix that very important name which makes it money, and return it to me.

Yours very sincerely,

W. A. Adams,

Treasurer Technique, '08

A few days later the letter was returned with this note added:

Bill, — I'm getting old. Don't let anyone know it. I must have this job a little longer.

Bursar.

of Sa. 165 Salem st.

of Sa. 165 Salem st.

SITUATION wanted as cierk in a grocery, meat or fish store; experienced; tel. 143-2 G. A. OS DORN. Lecumater, Mass.

SITUATION wanted as night watchman, janior, fireman's license, sign store; some experienced.

POP OSBORN IN A NEW ROLE

A LBERS (in Business Law) — If a man hires a horse and buggy and the buggy is struck by a car and wrecked he cannot be held responsible for it; that is, if he had a reasonable number of hands on the reins at the time.

"HIS ANNUAL JOKE"

L AMBIRTH (as Luening makes a wild swipe and misses)—Careful, George, careful. I've got a large wife and family at home.

FULLER (in Applied) — This body is moving at a uniform speed. What would you do first, Mr. Hartshorn?

HARTSHORN — I'd find the acceleration.

The matrons have been announced as Mrs. Frank H. Rand, Mrs. Harrison W Hayward, and Mr. Peter Schwamb.

FROM THE "TECH"

"OR HOTTER"

MILLER (in Steam) — Superated steam is often heated to 1500° C. Next spring we will make it that hot for you.

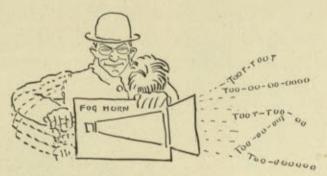
(Copied from the cover of the new Freshman Math. Book)

Before

A COURSE IN MATHEMATICS

And after (erasing the C and changing the O)

A CURSE IN MATHEMATICS



DEWEY AND HIS FOG HORN, FIELD DAY, 1907

A NEW man, looking cold, approaches Mr. Humphreys, "Please, sir, are you the register?"

"THE MYSTERIOUS CONNECTION"

DR. JAGGAR — These peculiar folds in the Allegheny Mountains are called "Spoon," or "Canoe," folds.

YET I say unto you that Solomon in all his glory was not arrayed like one of these — McMurtrie, Kurtzman, Bennie Dow.

SOFTER.

Dorothy—"I call Charlie Adams awfully soft, don't you?"

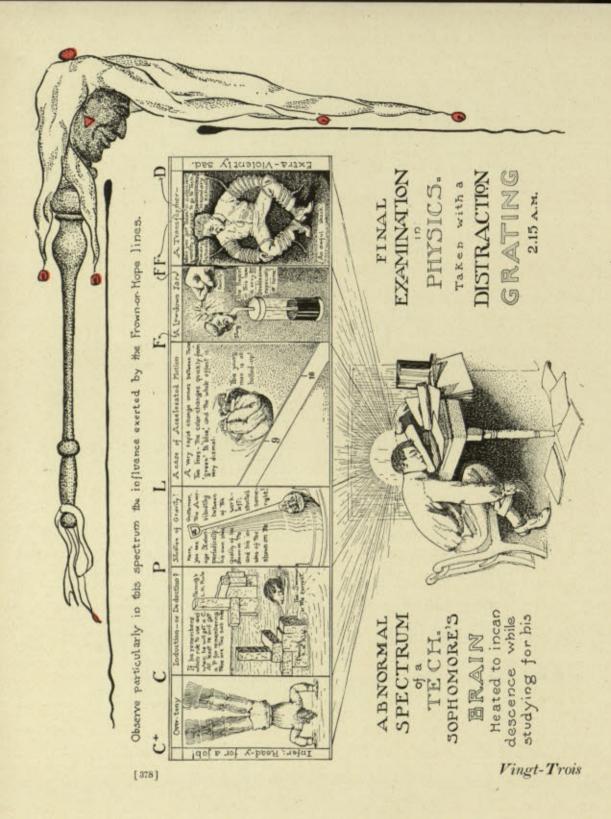
Agnes—"Yes; I call him down."—

Exchange,

FROM "JUDGE"

"AH! THOSE BEARDS!"

PHOTOGRAPHER (to Gimson, '08, who is having picture taken in a track suit) — Mr. Gimson, will you please step out from behind that bush?



THE MAJOR - So you have drilled before? What rank?

MR. ELEVEN - Front rank!

DR. MULLIKEN (in Organic Chem.) — This is for some of you fellows who, with the help of God, have been getting results in Quantitative.

"ONE WAY TO TELL A FRESHMAN"

CHEST sedately followed by an apparition in hilarious costume paraded into Rogers one September day. Two upper class men, one a Senior, the other a Junior, who "just happened to be there" observing the new arrivals, gasped in astonishment. They were wise to the ways of the world and could tell a Freshman by several different rules, but this was differ-He did not go to pay tuition at the cage, he did not tip his hat to the janitor, he did not tell Walter not to butt-in, or many other things which popular opinion



One Way to tell A Freshman

and Techniques '85-'09 inclusive have made Freshmen do.

"He is a Sophomore who spent last summer in the Big City," said the Junior. The Senior held his peace.

Then the Newcomer wafted over to the "Fountain of Youth," bent gracefully over it, and pressed the ring.

"He is a Freshman!" said the Senior; and forthwith they made a flank attack.

JAMES (Boilers) — First pin the tube sheet onto your drawing board with thumb tacks. (Note, this tube sheet was three-quarter inch boiler iron.)

PROF. GILL—I will make a rough sketch on the board for the benefit of those who do not happen to have a smokeless furnace with them.

LANZA (in Foundations) — Well, gentlemen, which is the quick setting mortar? The one with Portland or the one with natural cement?

CLASS — The natural!

Getty — That's right. Now which is the slow setting? (Profuse applause.)

If somebody should offer Harvard \$1,000,000, would she give up football?

THE Infernal Question — E. Q.'s daily query.

The Los Angeles Times, which thinks it is wonderful how Harvard college manages to secure students with the kind of a football team it has, forgets how near Radcliffs and Wellesley colleges are.

"PYROTECHNICAL"

THE work of the writer in general administration has ended with the recent discontinuance of the Secretary-

ship of the School and with the acceptance of his resignation as Secretary of the Faculty. A share of such administrative work must always be absorbed

in necessary routine, — the mere lubrication of the machinery of education. The writer ventures to hope, nevertheless, that his efforts to continue the development in the Secretaryship of the Faculty of a strong co-ordinating and centripetal agency, counterbalancing in some measure the centrifugal and possibly even disintegrating tendencies of expansion and departmental specialization, may prove to have some permanent significance, as a contribution however slight toward keeping the Institute something more and better than a combination of departments.

Prof. Robinson Regrets That Q
He Will Be Unable To
Keep His Appointments
Today
The Smith '11, accepts
with pleasure Prof Robinson is
regret.
Q

H. W. TYLER, Secretary of the Faculty.

FOUCAULT, who has been sitting in a trance in Applied, suddenly wakens and exclaims, "My, what a pity it is that they did n't save all the daataa from those tension tests on the early Christian martyrs."

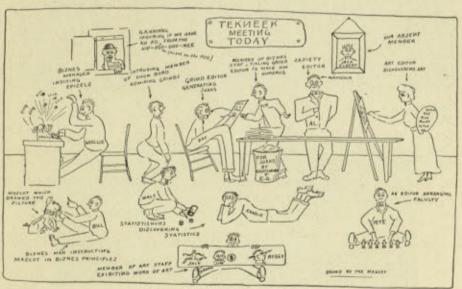
PROF. BAILY (in Math.) — Well, Mr. Petzold, you have done your duty, but there are fifteen [sees F. M. Green asleep]—I mean fourteen—other men here—



MR. BURNS (in Chem. Lab.) to Freshman — What's the matter with your finger?

Freshman (innocently) — Hot glass. You get some awful Burns in this course, don't you?

PROF. POPE (Freshman Chem.)—Now, if we fill the air with lungs—



TECHNIQUE BOARD IN ACTION

PROF. DALY (calling roll) — Er—er—gentleman whose name I can't pronounce!

Madenigian, '09 — Present!

Vingt-Trois

[381]

QUESTION: WOULD BLACHY DO THIS?

AN OPERETTA-TA IN SEVERAL ACTS

CT I. Tuesday, October 2.

DR. KURBELMEYER (pointing) — You may recite, Herr—Herr—Herr—

Lewis, '10 (prompting) - Lewis?

Kurrelmeyer - Ah, yess! Herr Lewis. I forget.

Act II. Thursday, October 4.

Kurrelmeyer — (Ditto as Act I.)

Lewis, '10 - (Ditto.)

Kurrelmeyer - (Ditto.)

Acr III. Saturday, October 6.

(Ditto.)

Acrs IV, V, VI, VII (All ditto.)

Act VIII. October 14.

Dr. Kurrelmeyer (pointing) - You may recite, Herr - Herr - Herr -

Lewis, '10 (prompting) - Tonic?

Kurrelmeyer (relieved) — Ah, yess! Herr Tonic. I always forget.

Answer: BLACHY WOULD NOT!

Park Square Roller Skating Rink Ladies' Complimentary Afternoon or Evening Not Good on Holidays or Saturdays

PRESENTED BY JACK ELBERT

SEAVER (on William and Mary) — So the king was the wife of the husband of the wife of the daughter of the previous king.

RLO (in second-year English) — There has been no monarch of England, with the possible exception of Queen Elizabeth, who was so great a man as King Alfred.

"STRANGE!"

ROF. MILLER (Boilers) — The life of a boiler depends on the number of years it has been constructed.

TO-NIGHT IS

Harvard Tech Dartmouth

NICHT DANCING PARTY

& COLUMBUS HALL &

994 WASHINGTON STREET,

NEXT DOOR TO COLUMBIA MUSIC HALL.

Dancing from 9 P.M. to 3 A.M. Under the management of J. WILLIAMS

EVERYBODY IS INVITED TO ATTEND.



COUND — A Freshman who said he could n't go to the Columbia Theatre because he did n't have his good clothes on.

ROF. CLIFFORD (as Booth, '08, writes the equation $x_a = (2\pi n N^2 LS\phi 10^{-8})$ on the board) - How much of that is guess work, Mr. Booth?

BOOTH (turning red) — Er — er —

Prof. Clifford — I mean what is the probable error in φ?

Vingt-Trois

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MR. MILLER (Fresh. Math. working out formula of some length) — I was not quite as full as this when I took this up on Wednesday.

PROF. TALBOT (in Chem. exam.) — First answer the questions you know and then answer the others.

"HOW STRANGE!"

CHARLIE (in second-year Physics) — The larger units of measure are nearly always larger than the smaller units of measure.



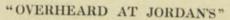
SWAIN—Mr. Lyon, how do you get the stress in bar a? Lyon (just waking up)— I think that is correct.

CHARLIE (on waves)

— Here I have a chord fastened to the wall. I will hold the nearer end. By increasing the strain, I maintain a constant tension, thus varying the pull. Now we all know that two times two is four. (Cheers.) Gentlemen, you seem to have so much difficulty with words of more than two syllables that I easily understand your admiration.

DR. ROEVER — What do I get if I differentiate this expression three times?

Burgess, '08 - The hook!

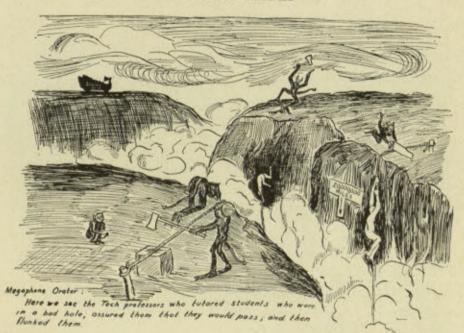


FRESHMAN (from Tech.) — Please show me some gloves?

CLERK — Kid gloves, sir?

F. (with indignation) — No, gloves for grown-up folks, of course.

"SEEING HADES"

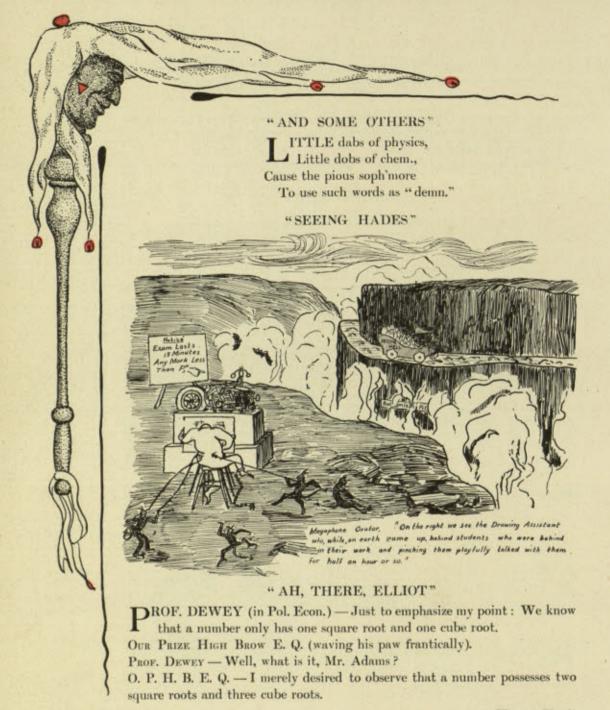


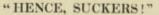
"THEY DID"

CHARLEY (in Electricity) — Now when I bring two cathodes near together the discharges repel each other. Like this. Do you catch the repulsive effect?

BUNNY AMES, '08 (passing cemetery, on Hare and Hounds)—Say, fellows, there's where I see my finish.







GEOLOGY JAGGER states a law of evolution of a certain fish, and then says, "We can prove that this law applies to you, me, or any other fish."

PR. LOUGHLIN — The chief faults in these strata are in the heaves.



WALTER H. (to Bursar Rand) — Have you noticed how the Corporation has been working to make the Institute a "medium" for good?

Bursar Rand — Yes, I heard that they had been trying to work someone to bestow on it the gift of second Site!

"WHAT HE MIGHT HAVE SAID"

FLAGG, '09 (in Applied) — Prof. Johnson, will you please X plane why I can't Z planely that Y plane?

1st Member of Glee Club — Don't strain your voice too much.
2d Member — Oh, that's all right. The longer I strain it the clearer it gets!

be out next week.

Ernest M. Symmes, '07, who is a freshman at M. I. T. obtained the high marks of four B's and an A in his first term's work in that institution.

Diaries for 1908. All the popular styles. Wilson the Stationer.

TECH'S NEW SYSTEM OF MARKING

MR. BERRY (in Steam)
—When the steam reaches this point it is all in.

"THE LOGICAL ANSWER"

FOTTLER, '08—What kind of water do they use in fire tube boilers?
VOICE FROM REAR—Fire water!

Vingt-Tros

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PROF. FULLER — We assume that $V = \frac{1^2}{cy}$; if you don't see any reason for it, why there is n't any.

things seen." GLOUCESTER BOY APPOINTED Dr the a Louis G. Rowe Selected for Capthe s taincy in the M. I. T. Cadets. On drun Lonis G. Rowe, son of Mr. and Mrs. Walhad ter L. Rowe and a former captain of the Je Gloucester High school cadets, has been applea pointed captain in the Massachusetts Insti-LD. tute of Technology. The young man is among the few fortunate second year men to prereceive commissions, which is counted a dison e w tinct honor at the institution. Ien. by Basket Ball. on The basket ball season in this city will it he formally opened Thanksgiving night, with between the Co. G team and the New

MR. BERRY—Mechanical stokers save smoke.
BURGESS, '08—What do they want to save smoke for?

EX-PRES. PRITCHETT

This is particularly interesting to me in view of the double life I lead.

"A VOICE FROM THE GRAVE"

SEDGWICK—In Germany they call them germs, in Ireland they are microbes, and in Italy organisms.

WHY should we kick when we have to buy a fifty-cent drawing book for two dollars? We sell five-dollar drill suits to Freshmen for eleven dollars.

PARK SQUARE NO LLEN SKATING RINK Ladies' Gomplimentary

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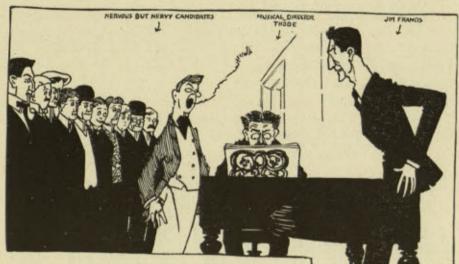
AFTERNOONS ONLY

Not Good on Holidays or Saturdays

HOSMER—Why is the north star at elongation a good star to make an observation on?

Spur, '08 — That star comes around every night.

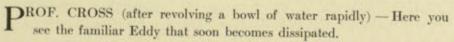
DR. MULLIKEN (in Organic) — All liquid alcohol has a distinct taste.



TECH SHOW TRIALS

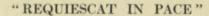
"NO DOUBT, CHARLES EDWARD, NO DOUBT!"

PROF. WINSLOW (commenting on the formation of a Biological Society here at the Institute) — Gentlemen, I think this is the best thing that has happened to the biological department since I entered the Institute.



Vingt-Trois

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THE following "jokes" are on the sick list and have appeared in at least four (4) back numbers of Technique. They are not discharged, but retired on full pension for good service. They should be spoken of with respect.

No. 1 — Charlie Cross's "Parabolic Reflector" (his bald head). (This is especially ancient and honorable, but it was handed in this year by no less than three Sophs as brand new and original.)

No. 2 — Getty's "load" joke.

No. 3 — Charlie's "Crank" joke.

No. 4 — Finding the "Cross" hairs.

No. 5 — The "Cross" head joke.

No. 6 — The joke about the freshman mistaking the janitor for the dean.

No. 7 - The "Cross Hatching" joke, etc.



PROF. DOTEN (explaining diminishing utility) — Now, if I had six cigars, I would enjoy the first one more than the second, and so on. Hulsie Bobsizer, '09 — Sometimes a person doesn't enjoy the first cigar as much as the second.

"DELIGHTFULLY INDEFINITE"

BARLO ATES (in English, to student who is tipping back in one chair and resting his feet in another) — Take your feet down and put all four legs on the floor!

"LIKE TEACHER LIKE PUPIL"

AUTO FINES UP TO \$20.

Dana P. Bartlett, a professor of mathematics in the Massachusetts Institute of Technology, living at 486 Columbus avenue; Justin N. Morse, a prominent business man, living at 33 Englewood avenue, Brookline; Sigfund Todd, 23 Walker street, Cambridge; Henry B. Chapman, 46 Dakota street, Dorchester, and David L. Tronholm, 15 Beleares road, West Newton, paid fines of \$20 each for overspeeding on Commonwealth avenue, Gardner B. Williams



THE BIG STICK

NELSON WAS TOO CERTAIN

About His Auto Speed ===Fined \$25

"Young man, listen carefully to what I say. Are you willing to swear under solemn oath that you were not operating your automobile at the rate of speed described by these officers?" asked Judge Ely of a defendant charged with overspeeding, in the municipal court.

Norman Nelson of New York, a rich M. J. T. student, who owns a runabout, replied. "Yes, your honor, I can swear that."

"You are the first man to have the effrontery to answer that question in the affirmative in all my experience," said the judge. "It is a test I have used for years and it has never failed before. No honest man would answer in that way. He couldn't possibly swear against a stop watch.

"There are very few men, I believe, who would have the effrontery to take a solemn oath as to exactly how fast they were going in an automobile.

Officers Welsh and McGillivray testified that Tuesday, Nelson operated his outo-mobile on Boylston at at the rate of more than 21 miles an hour.

The defendant was represented by Robert Light, who stated that his client was an honest young man, and that though it made no difference whether the fine was

EASY THINGS I HAVE DONE

OR HOW TO WORK THE FACULTY

THE editors have felt that a great deal of time is lost by new students in getting on to their instructors; therefore this pamphlet is published.

GENERAL RULES

- Always do your work with a rush for the first three weeks. If in that time you answer all questions put to you easily and thoroughly, one of two things will happen
 - a. You will not get called on again.
 - b. If you are called on, the instructor is so used to getting correct answers from you that you can work off any old thing on him.
- 2. Always appear interested in class.
- 3. When meeting professors do not tip your hat and appear humbly respectful—that is unnatural and they will surely think that you are working them. You should appear at your ease and treat them naturally. For instance, when you meet Prof. Currier, slap him on the shoulder in a jolly manner and say, "Hello, Nancy, old hoss! How's every little thing?" You can't imagine how pleased this will make him feel.
- 4. Be sure of the leg before you pull it.
- 5. Don't work the same game too often.

DETAILS

PROF. BLACHSTEIN. (As the editor still has a course with Prof. Blachstein no advice will be given.)

PROF. BAILY. — Prof. Baily always reminds us of that beautiful song entitled "Let it Alone." He is the kind of man who can look you in the eye and calmly tell you that he has given you an F. Work for him.

PROF. GEORGE. — Prof. George is much the same as Prof. Baily, except that you think you are working him when you are n't.

PROF. ROEVER. — Prof. Roever is very good-natured. Tell him that you have been rushed with work and that you surely will make it up. But don't be too sure. He has a large package of F's up his sleeve.

Charles Sawyer. — This fierce, untamed specimen is wont to strike awe into the hearts of Freshmen by bulldozing them early in the year. If he calls you a lefthanded, hopeless son of rest, and says that you are doomed to a life of

Vingt-Trois

carpet beating, submit quietly and talk guns. Tell him that you have heard of his collection of old arms, and that you yourself were considered the best shot in your native town. He will instantly become quite mild and tame and will eat from your hand. If you follow these rules you are sure of a C.

CHARLIE ADAMS (Free Hand Charlie.) - He will do all the necessary working.

Keep one eye on your pocketbook.

The Others. — The general rules apply very well in most all other cases. After you have worked a prof. never wait around to see the effect, but "Go while the going am good."

"ILLUSTRATED TECH SONG"

66. 9h A. T.	chnol BOSTON Sept 16 1906
Tuition for FIRST TER	or Breakage Deposit (Chernica) (Mining
1-1-digs	Received Payment 9. H. Rank

"OWED" TO TECHNOLOGY

"TAYLOR, '08, ANSWERS A QUESTION CORRECTLY"

REED - Well, now, that's showing signs of almost D human intelligence.

"STRUCTURES A LA SWAIN"

CWAIN - Mr. Orr, how would you draw a stress diagram? ORR — Well, I'd —

Swain - Oh, hang it; make it general!

ORR - Well then, I'd -

Swain - Confound it; give us the particulars. Can't you see what I want?

Vingt-Trois

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PROF. CLIFFORD (at introductory lecture to Theoret. Class) — Well, gentlemen, I see some familiar faces here.

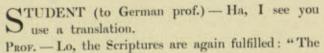
PROF. CLIFFORD—I could tell you of commercial ways to solve this problem, but when you get out of here you will find them antiquated.

DARDEE, '09 - But why does the current flow that way?

PROF. LAWS - All I can answer to that is, "The Lord only knows."



DROF. HAYWOOD — Mr. Moses, did you do this problem by moments? JACK - No, sir, I did it by hours.



ass knoweth his master's crib."

R. TALBOT (Freshman Chem.) - After fusing this mixture you will break the test tube.

IOWA BOY

'11 - Yes, bud who's goin' tuh bay for da dest dube?

7 D. GREEN - Have you paid your class dues, Pepper? Pepper — Yes.

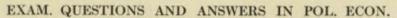
W. D. G. — When? Pepper — Last year.

WINS Harry L. Bentley Takes Architec-

IN PHY. LAB.

AY, '09 (not recognizing Prof. Drisko) — How far down do you let the mercury go? Do you know?





— What is the difference between Capital and Labor? A. - When you lend \$10 to a man, that is capital. When you try to collect it, that is labor.

Q. — Name some different kinds of bonds.

A. — Registered, coupon, students', and matrimonial.

Q. — What is a single tax?

A. — A tax imposed on bachelors.

TARRIS, '10 — Do you have to burn the standard candle in a vacuum, Prof. Cross?

R. STARR - And now, Mr. Bettington, take a back-sight. (Bettington takes a look through the front end of the telescope.)

L. JONES - Some- body invented wireless telegraphy, I am going to invent a pipeless water supply.

R. BERRY — As yet the unit of entropy has no name. IVI HAYNES, '09 - Let's call it the Berry!

ROF. CROSS (in Physics) — I covered it with my finger so you might see it when it disappears.

R. LENNES (in Freshman Math.) — You think I'm saying more than I am, but I'm not.

LD LADY (as she hears the "We are happy - "yell) - What! and are those Tech boys!

Vingt-Trois

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Highland club house, in the course or two or three weeks. Austin D. Keables, L. H. S. '05, who was lieutenant-colonel of the regiment the year he graduated, is now in command of the cadets at the Institute of Technology, with the title of major, the highest regimental office a Technan can aspire to. During his first year in Tech. Keables attained the rank of first lieutenant, while last year he was captain of C. O. B. M. I. T. corps cadets.	have other both Butt's each "fanci
It does not look as though the High school social functions would suffer a scarcity of good dancers,	The Irish I ate hal Patrick now it.





HIA C. KEPPE, AGE 12. (GOLD DADGE AND CASH PRIZE, PROSE.)
STELLA BENOW, AGE 14. (GOLD RAIGE AND CASH PRIZE, YERSE.)

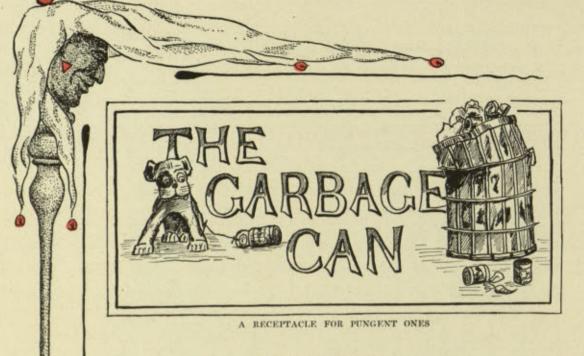
BRLIGHT OUTNEY ADAMS, AGE 14. (GOLD RADGE, PLEZER ANABYRES.)
GLABYS CECERIA REGURELY, AGE 9. (GOLD RADGE, VERSE.)

About nine years ago the editors and publishers of St. Nicholas decided to make the experiment of having in that magazine a department created not only for the young folk but by them. It was to be a department to which they would contribute the material-the stories, the poems, the pictures, and other features-and it was believed that there was sufficient talent among Sr. Nicitonas readers to make such a department of interest to the general reader as well as to the contributors themselves. This was a belief not shared by publishers and editors generally; it was held by many such that a department of this sort would interest only so long as it was a novelty, and that within a few months, or within a year, at most, it would cease to be of value.

It is true that no such department had been tried in a magazine, and it was, therefore, an experiment, with experimental chances of failure and success. The result has proven that the faith of

those who conduct Sr. Nictionas in the ability of its young readers was well founded. The St. Nicholas League was a success from the beginning, and, if we may judge from the character and number of the contributions received each month since its first monthly exhibit, in January, 1900, we may truthfully add that that success has grown, and become permanent; indeed, it has grown beyond anything that its projectors themselves could have dreamed.

It was decided to make the work competitive, to award prizes, not in payment, but as a sort of recognition of merit and perseverance; to make, as it were, the League competitions a kind of class exhibit each month, with a graded report in the form of a list of prize awards. We could not think of a better way of encouraging young talent, and we cannot think of a better way now. At all events, the unexpected has happened—unexpected in that we did not believe so much work,



"LIGHT REPARTEE"

GAY JUNIOR (to haggard Soph. roommate) — Hello, what is the matter with you?

H. S. R. (raising his eyes from the fat blue book on his knees) — Don't bother me. I'm suffering "total internal reflection."

GAY JUNIOR - Aha! that must be why you've been so "refractory" of late.

TF a Freshman is a boy, I suppose a Freshmam is a co-ed.

"THE MATHEMATICS OF IT"

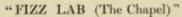
FIRST FRESHMAN (dividing his attention between Analyt and the football news in the paper)—Say, if Simmons is a "normal" school, what is Carlisle?

SECOND FRESHMAN - Search me!

FIRST FRESHMAN - Why, a "tan-gent" school, of course!

WHY is it that Smith College can't get along without Tech?
Because it has M. I. T. right in the middle of it.

Vingt-Trois



"WHAT becomes of all the pins?"
"Why, somebody said 'they fall to the ground and become terrapins."

"HELP!!"

A NEW musical organization has been formed at Tech. On one of the track team's trips, "Monty" Flagg, "Carl" Fernstrom, "Tom" Orr, and "Molly" Scharff were making Hot Harmony. Becoming temporarily mentally deranged, they formed the "Monte Carlo Tomale Quartette."

"CHEM. LAB. - DO TELL"

PROF. — Did you fuse that KCI?
STUDE — No sir, it refused.

"1910 CONUNDRUM"

WHY is physics like love?

Ans. — The lower the gas the greater the pressure.



Komments

Adam Maclachlin hez got a half dollar o' th' date 1849. By ginger, he must be a tight wad. The saddest, most pathetic o' spectacles is a prof. with a red nose an' a dyed mustache.

I'll be blamed if it dun't seem like th' freshman er so crazy 'bout werin' uniforms never hez any shoulders. I askt Pop Niles how he 'counted fer his longlevity, an' he sez, "I never shaved an' jist let them grow."

History repeats itself. Adam Maclachlin, 1897, an' George Abraham Haynes, 1909. Nobody ever gets so intelligent thet he can't be skeered by an exam.

When a feller flunks at Tech there is always three sides to the story, — the feller's, his folk's, and the faculty's. It's funny thet most of the profs. dress like corpses.

> Every time I cross Boylston street I take my pipe in one hand an' my life in t'other. Head Janiter Thompson sez he ken remember when Blacky did n't make puns and Getty wuz an assistent. I dun't believe him.

It must be hard to be a Tech stoodent an' a Christian Scientist et the same time. A full front fotergraf o' th' evrige meckenical senior makes him look like he'd assirnated Getty an' hed tetched

a metch to Pete Schwamb's beard.

Some profs. are born wise, others jest grow long, flowing whiskers. One thing that Norton needs that the Bursar don't.—

thet's a hair cut.

Young McMurtrie bought some "lissly" socks yisterday. Another confligration in our midst. A Tech feller kin fail at everything else an' still be an instructor.

f 400 1

By Josh, the Janiter

The fellers say it's great to see Pa Swain burn up th' Inglish laguige an' incinerate his stoodents. Seem like ev'r' Tech grad, thet makes a success never knowed nothin' when he went t' school.

I uster think thet Benedict Arnold was an unpopilar name, but it ain't in it with Charles Adams. Why is it th' instructors all look so flea-bitten?

I jist found t'other day thet th' funny noise in Harry Smith's lectures wuz n't dynimos. It was snores. Another one of those fellers thet ken leave his hat on when gitting a hair-cut is Cecil Peabody.

If Prof. Miller dun't take somethin' fer his "embonipint" pepull'll tek him fer a German bartender. I wuz tired t'other day and set down in one o' th' seats in 22 Walker. By dern, I ache vit.

A funny feller told me that Charley Cross had growed so fast that he passed his hair, "his pristeen pate pushing it roothlessly to either side." His hair must hev been slow. I ken never tell whether the general libry is a reeding room or a Dimocratic headquarters.

What with the Dean Baby and the Bursar Baby,

I expect t' find teething rings in the Korridor one o' these days. Why is it I'm always heerin' cussing in thet Fysicks labritory? The assistants seem to be nice, accomidating fellers.

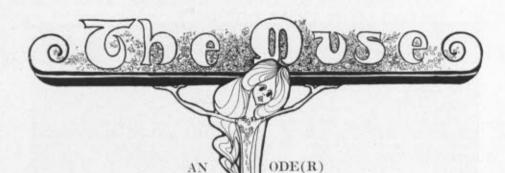
There is only one old-timer thet ken remember further back then me. Thet's Robbie Richards, an' he's always remembring. They say Depridelly is a halfbreed Choctaw. I bleve them fer I heern him talk.



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Crit, Grinds

[Enter, The Muse
Ah, fair creature, divinely formed,
As the following page doth show,
Whence camest thou; pray tell us that,
For we know where thou wiltst go.
Thou art the idol of my hour
My dainty, blooming cauliflower;
Me thinkst at times the Tech man's muse
Is shaped fair like thee,
With Chauncy Batch and Molly too,
To teach us English B.
How can we help but be inspired,
And have our souls with rapture fired?



C HEM. Lab., oh! 't is of thee,
Thou place from fresh air free,
Of thee we groan.

We love thy smoke and smell,
Thy hoods which work so well,
Our worst words fail to tell
Thy dopey tone.

Sometimes at break of day,

If we come in, we may

Find thee quite gay;

But after a few hours

A cloud of sulphur lowers,

Thy atmosphere o'erpowers,

We pass away.

At four the air is blue,
And truly we are too,
This sure is so.
How then the Facultee
Can think, in such air, we
Should ever pull a C,
I do not know.

I hope that finally
In that Technology
Of which we dream,
They will be very sure
To make the Labs. secure
From smoke and fumes impure,
And stench supreme!

THE CRUISE OF THE CANTERING SOUP TUREEN



'TWAS in the year one nine o seven,
About November eight,
When a hankering grew on a nautical crew
That on shore they would not wait.
So they got the good ship SOUP TUREEN
That had weathered many a gale,
And decked her out with rigging new
(Though she carried ne'er a sail),
Aft the banner TECH '09,
Forward SEEING HELL.
"Of course," Bill said,
As he shook his head,
"We know that 'Tech is Hell.'"

Although the day was bright and clear And cloudless was the sky, And a goodly crowd of village folk Were there to say good-bye,

Much talk there was of rain and storm And hail and fog and snow.

"You know," said Bill,

With a dainty chill, "I hate to have it blow."

So the ship was stocked with bells and things,

And whistles quite a few,

And fog-horns loud, and overcoats To use in case of dew.

Our pilot was a savage man,

With whiskers on his face;

He grasped the wheel with earnest zeal, Preparing for the race;

He fed the brute the E. M. F.,

A lusty shout gave we.

"And now again I say," said Ben,

"There are many sharks at sea."



Oh! we sailed along with a fearsome sound,
And were a fearsome sight,
And peaceful merchant craft did pause
And gaze at us in fright,
And one lean, freckled dump-cart horse
Did try to climb a wall.

"I hope, by gee!"
Said Bill to me,

"The creechur does not fall."

At last we saw a barricade Just off our starboard bow.

"Unhouse 'Big Ben'! my merry men, And we will show them how."

Ben did object to be unhoused.
And so we paid our way.

"WHAT MEANS THIS ROW?" A scared voice said,
"The Freshmore-Soph Field Day."
We watched with joy their little tiff.



'T is pleasure, and gives glee
To bloody-minded pirate folk
Such dainty sports to see.
The sun was setting very fast
When we again set sail,
East nor'east, the homeward rout,
Before a rising gale.
Bill Kelly was the larboard watch
And had an Eagle Eye,
And a bunch of hostile animals
He finally did spy.

"Hey, Corporal of the Guard," he yelled, "Oh, look and see who's here!" We saw a wild and woolly sight Which might have caused us fear Had we not sailed beneath the flag Which all '09 men hold dear. This crowd of savage Brookline toughs Did rage our flank along, But such small fry was not for us, So we sang our battle-song, And did not deign to glance aside As we sailed, grand to see, Until, ah, woe! they seized our flag, Which happened low to be. And then we rose up in our wrath And smote them hip and thigh. "To the boats, my men!" the cry went up, And fur began to fly. We rubbed them gently in the mud, And tossed them up on high, And did the same to some '10 men Who happened to pass by

And thought they saw an easy chance To harm us on the sly. We took our '09 banner And retreated orderly Back to the good old Soup Tureen And once more put to sea, Pursuèd by the raging mob Which we left easily. Then slower went the Soup Tureen, And slower still she went, And many angry glances On our pilot man we bent. Then with one last despairing grunt She stopped and would not go. We wildly cheered the E. M. F. To brace its nerve, you know, But it had gone and went and died And we were forced to row. We pushed that big ten-ton tureen,

And we did push her so
Darn hard that she went faster
Than she'd e'er been known to go.
With yells we rushed to Copley Square
And ran the arc ashore,
And with one final grand "'09"
Were peaceful folk once more.

A photograph, a flower old,
A banner far from clean,
Is all we have to call to mind
The good ship "SOUP TUREEN."





POL. ECON.

DID not do as Dewey did, And sink the Spanish fleet; But Dewey is as Dewey does, And Dewey does it neat. That is - I sink the Junior Class Beneath a heavy pall Of predigested Pol. Econ., Which don't digest at all. Oh, if you want to find out why The U. S. Government Puts ladies on a ten cent piece And Indians on a cent, Why Jawn D. really is all right, What makes the grass to grow, Why freshmen have no right to live, You really ought to go To one of my long, dreary drips Which I give twice a week

From 12 to 1 in Huntington Hall:
And you can hear Me speak,
And though I may seem very dry,
And do not know my aim —
Why, then, remember, if you please,
I'm dewy just the same.

MILLIMETER

WHY doth the little Gideon
With manners like unto a lamb,
Come gently sneaking up behind,
And grab me by the diaphragm?
When he doth get a "Giddy" on
He is a pesky little cuss,
And pokes you on your floating rib,
This specimen of incubus.

SPRING, 1907

I'M glad the summer time has came,
It's summer, that I know,
Although the weather's quite the same,
And filled with hail and snow.
My Calculus I've thrown away,
With Physics done the same,
And so you just bet I can say
I'm glad that it has came.

'TION, THE TALE OF A FLUNKER

R EGISTRATION
Invitation
Participation
Conversation
Jollification

Much Flirtation Procrastination Examination Differentiation Computation

Investigation Disintegration Evaporation

SAID a young freshie at Tech,
"I'll invest at Mac's, by hech!"
When he was broke almost
He exclaimed, "What a roast!"
Answered Mac, "What in h—l d' you expech?"

COURSE III

A STUDENT from South Afrikay
To Tech came to gozzle and play.
His mind was a blank,
And the beer that he drank
Made him look like a ghastly array.

A miner he hoped to become,
And the country which he had come from
With diamonds was full,
So this young Johnny Bull
Thought surely that he could get some.

He studied quite hard for a while,
Using up much of John D. R.'s ile.
But the pace was so speedy
He grew lean and seedy,
While flunk cards poured in by the pile.

Notwithstanding misfortunes galore
He braced (being game to the core)
And said, "Never fear;
As long as I'm here,
I'll stay 'till they show me the door!"

A miner at last he became,
O'er the door of a shop is his name.
"Calci-mining done here."
This vocation, I fear,
And mining are not quite the same.

FROM A JUNIOR

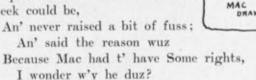
I N second-year physics they let me pass, In physics-heat I got a "C," But I drop a tear when in parting I say, "Watson, Watson, farewell to thee!"

TO THE SHOT-PUTTER

THE man who heaves the shot about
Is wont to be a trifle stout.
But girls stand round on every hand,
And seem to think that he's just grand.
But you, my dear, can easy be
A shot puttaire as good as he;
Just gayly wave your dainty toe,
And gently take a hop or so,
And then jump lightly with both feet,
And put the darned thing forty feet!

AH, MAC

I WENT down wif my brover once
Into a great big store,
My brover had to get a hat
An' shoes an' somfing more.
An' w'en 'ey brought th' bill to him
It wuz ten cents too high;
My brover got so gol durn mad
You bet he made things fly!
But w'en we went down into Mac's
To buy just two or three
Thumb-tacks, he paid 'em FIFTEEN CENTS
As meek as meek could be,



FREE LUNCH

A MAN and a maid in a birch canoe; Her eyes were his feast; she fed on his too. He reached for her hand, the boat gave a lurch, Now the man and the maid are food for the perch.

THE TALE OF THE CLEVER CLAM

O N the bed of Boston harbor once there lived a clever clam With a mind and bearing far above his station; His friends, ambitious for him, finally contrived a plan To give that clam a college education.

After due deliberation they decided that at Tech He would find best training, — Cambridge was too gay.

'T was a dangerous experiment; he lost his quiet merriment, Drew nearer to the graveyard day by day.

His cold old-fashioned dignity he tried hard to preserve,
But the technologic wear began to flurry him,
Insomnia and mental strain sapped something from his nerve,
As soon as work and care began to worry him.
He lost his former fleshy shape, began to peak and pine,
Grew very ill and died, and on his bier
The Faculty for epitaph inscribed a single line:
"His attitude was never quite sincere."

BLACHIE

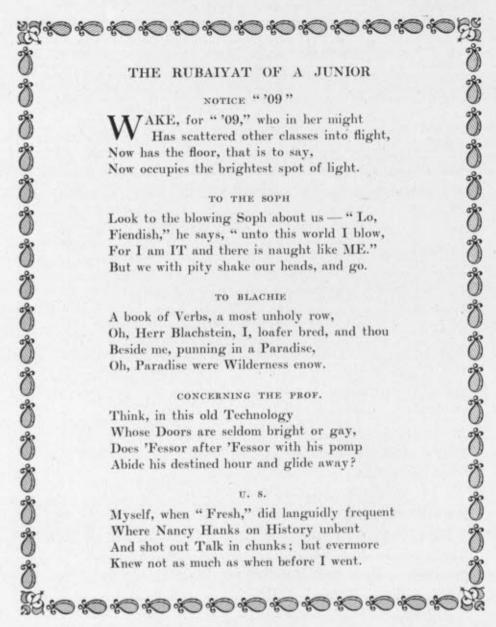
NCT when I was down to "Tech" Wif my big brofer we Went to a place where a small man Wuz tryin' hard to be As funny as he ever could, An' makin' jokes 'at I Had heard w'en I wuz very young, An' nen 'ey made me cry. He made jokes on a feller's name, An' all the others they Began to laf so gol darned hard I thought 'ey 'd pass away. An' w'en the class wuz over My brofer said they haft To like 'em or 'ey' d get bum marks. I guess 'at 's w'y 'ey laft.

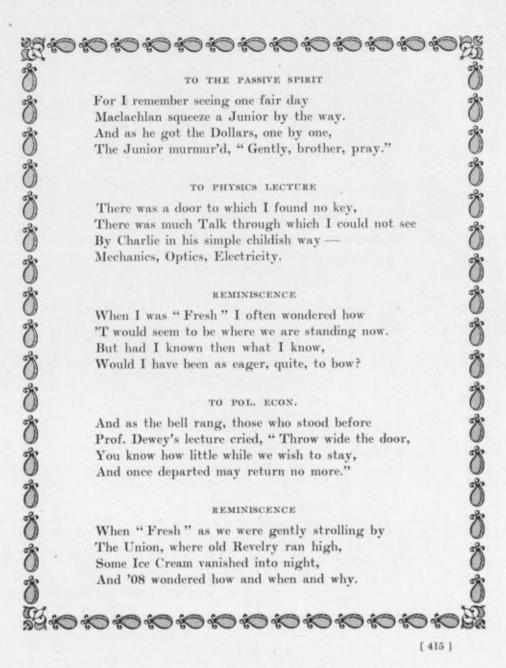


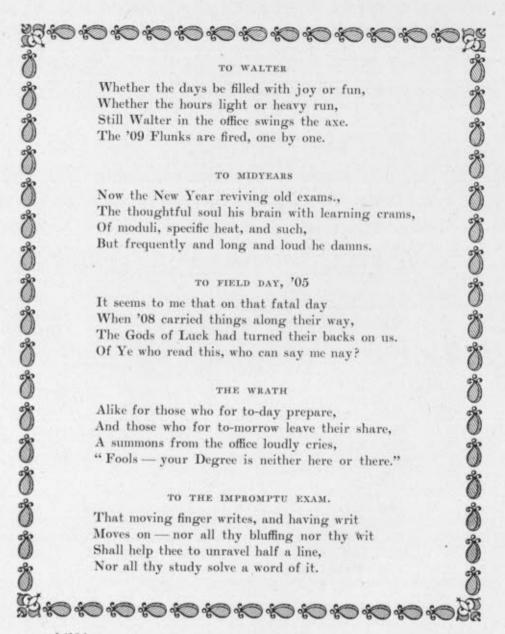
ENGINE LAB

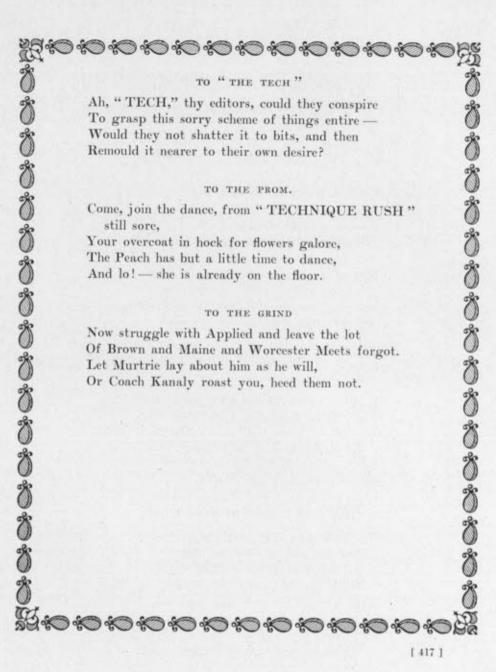
(Tune, Baffin's Bay)

WAS on the Russell Engine that we worked a test one year, The proctors made us rustle for the Drawing hour was near, The hour was drawing to a close, it did close every day, And they made us draw the water which a feller had to weigh. He weighed it for he had to have his way. The eccentric strap was strapped for fair, we could n't hear a thing, The silence was oppressive 'til we heard the packing ring, Three men took indicator cards, they had a taking way, But then, that does n't indicate the way we did hooray When the fly-wheel turned around and spoke its say. There was a crank upon the engine, there was one upon the job, And the man who worked the feed-control controlled the raging mob. We could n't ex-haust the exhaust, although we sure did try, When the Baro-met'er at the port the fly-wheel tried to fly, It was so eccentric that it lost its head, The steam was superheated, you can bet that we were too, The fireman shoveled coal, but then the smoke went up the flue, The time was flying also, it was fly-time so you see, But the engine was n't running on it's full capacitee, For the fireman had a half a load they said. Hip, Hooray, for Engineering A, The brake was slowly breaking, it was nearly broke that day, With ne'er a slip we worked the test that trip, But we had to work the problem on a slip, Hip, Hip, Hip, Hip, for Engineering A.









SOLILOQUY OF A JUNIOR

I LAUGH at Pol. Econ.,
Drawing keeps me busy,
Math. is no such cinch,
But-Thermo-Makes-Me-Dizzy.

Little drops of knowledge,
Gathered now and then,
Have made the mighty faculty
Such great and famous men.
But

When I went to take exams.

I had all kinds of drops with me,
But just because the drops were n't streams,
I got flunked by the fac-ul-tee.

The Glee Club has offered a prize for new verses to the Stein Song on the grounds that the words are not suitable.

OH, "Heraus," then, in exam. time,
With a heart that's full of fear,
Though we know that that's the slam time,
Which the faculty hold dear;
For we don't give a hoorah
For theories, facts, or daataa,
For we still have our Moxey,
Though they won't let us have beer.

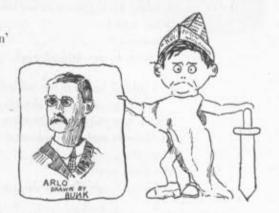
Oh, when we are feeling glorious
And our glasses clink on high,
And though laughter gets uproarious
While the cakes and biscuits fly,
Then, though we're feeling fine, sir,
Oh, we're not drinking wine, sir,
It's clear, dear old Moxey,
Which we much prefer to Rye.

THE UNPREJUDICED OBSERVER

ONE fall I saw ten youths at Tech,
Hearty and free from pain;
I looked again, —'t was springtime,
With two of them still sane:
"Eighty per cent efficiency
Is low" (with slow disdain).

I thought I saw a sheepskin square
With seal and creamy sheen;
I looked again and saw it was
A notice from the Dean.
"A trick like that," I said in pain,
"Is very, very mean."

ONE day when I wuz feelin' sick,
I thought I'd have some fun,
And so I writ a little pome
Like Arlo went an' done.
I sent it to a Editor,
But he said, "It sounds too
Durn much like Arlo Ba-tes,
So I give the hook to you."



COURSE 10 VERSION

L ITTLE Willie's passed away,
We'll never see him more,
For what he thought was H₂O
Was H₂SO₄.

TO MISS EATON

(Tune, "A Little Green Peach in an Orchard Grew")

A SWEET little girl in a strong box grew—

A girl with a hair of a umsious hue,

The pride of the soph and the freshman too,

She grew

And grew-o-o-o.

Oh listen to my tale of woe!

One day as I strolled Rogers through —
Listen to my tale of dough —
And paid my bill in dollars new,
A saucy little glance at me she threw,
What could
I do-o-o-o?
Listen to my tale of woe!

So I jollied her and she jollied me too —
Listen to my tale of dough —
And I sure did enjoy the view
Of the safe and the desks and the other girls too.
Time flew,
We knew-o-o-o.
Listen to my tale of dough!

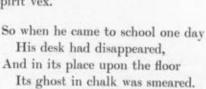
A senior chanced to be there too —
Listen to my tale of woe.
He said, "That's what she had to do
When I was fresh and my seniors too;
It's nothIng new-oo-oo-oo."
Listen to my tale of woe!

Trouble then began to brew —
Listen to my tale of woe —
Within my heart so fond and true,
I said it's time I ought to shoo.
Adieu,
Skidoo-o-o-o!
Listen to my tale of woe!

HE has a noble, haughty air, As all professors should, And every time he flunks a man 'T is for that flunker's good.

COURSE FOUR SPORTS

NOW Baby Bunto was the joy Of all the architects. They loved to think of things which should His guileless spirit vex.



He hunted high, he hunted low,
Through every room in Pierce,
And when he thought he'd found his own
He cried in accents fierce:

"I know it by those crimson marks
I made on it with care!"
But lo—when he had opened it
Dud Phelps's things were there!



(He did not know, poor simple soul, That willing hands had toiled To duplicate those crimson marks That sport might not be spoiled.)

And all the time in plainest sight,
While he grew more upset,
That desk reposed with legs in air
Above the coat closét.

Ask not who worked to put it there, Who hauled and pulled and hove; Course IV knew nothing of the deed, They merely sent their love.

I BULLYRAG the Freshmen,
And my attitude is fierce
As I cow them with my visage sharp and grim.
When I stalk around among them
And my lightning glances pierce
Their ranks they think their chance is mighty slim.



Freehand Sawyer: — One second, gentlemen!



HE'S mild and gentle, kind and good,
And meek and mild and tame,
You can pat him on the back if you go slow,
But, pray, your absence don't excuse
If your excuse is lame,
(He's wise to all those little games, you know.)
For when he went to Harvard and
Played football with the team
He got wise unto the ways of wicked men.
He's acquainted with the little tricks,
However good they seem,
Which freshmen use to fool him now and then.

LITTLE drops of Thermo,
Mixed with Theoret,
Make the mighty stumble,
And us poor suckers sweat.

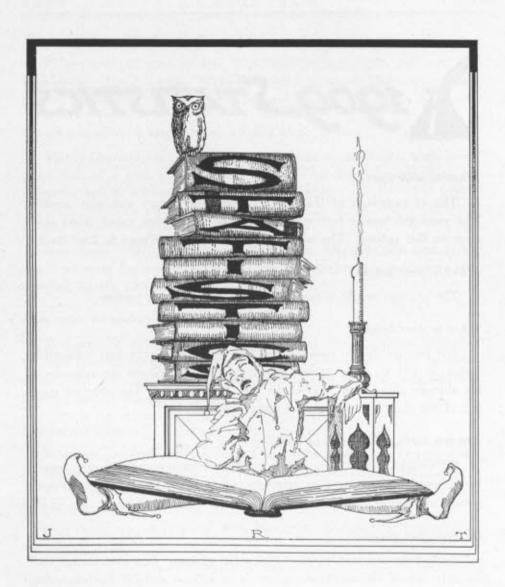
Pardon

IF we have chanced to land on you,
We ask Pardon.

If we have made you feel quite blue,
We ask Pardon.

A little nonsense now and then
Is relished by the best of men,
And so we humbly beg again
Your Pardon.

Our object was but to amuse,
We assure you.
And so forgive our chance abuse,
We conjure you.
And let your deeds in future days
Be such that they get only praise,
And from Technique's all-scorching rays
Insure you.





What is your age?

The average age of the class is twenty-one years and nine months. The youngest man is just nineteen, and the oldest has spent thirty summers on this sphere. The co-eds requested that their ages be kept dark.

What is your weight?

The average weight is one hundred and forty-seven pounds.

What is your height?

The average Junior measures five feet eight and eighty-four hundredths inches at 15° C. The tallest man conservatively places the estimate of his altitude above floor level at six feet three inches. The shortest member of the class has a height of sixty inches.

Are you taking all studies in 1909?

Fifty-eight per cent answered in the affirmative and the rest seemed to be hopeful of having this privilege before June, 1909, but "you can't always sometimes tell."

Do you wear glasses?

Forty-four per cent of the Class wear glasses. One man claims that his only use of the substance, glass, is in a form suitable for conveying liquid nourishment.

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What is your political party?

Fifty-eight per cent profess Republicanism and eight per cent are Democrats. The remaining thirty-four per cent are divided among many parties and beliefs anywhere from Bernard Shaw to Christian Science.

Would you advise a man to work his way through Tech?

Thirty-four per cent would give this advice unreservedly, while some claim that if a man is not advised to work his way through Tech he might as well be advised to stay away altogether.

Do you believe in co-education at the Institute?

Once more "hail to chivalrous 1909," for fifty-one per cent favor co-education at the Institute. The co-eds' answers on this point were not accepted on the grounds of prejudiced opinion.

How much do you spend a year at Tech?

The average estimate is seven hundred and twenty dollars, exclusive of what Maclachlan gets from us. The lowest estimate is four hundred dollars, but one man is "real devilish" and claims that he spends fifteen hundred dollars during the year.

Do you use tobacco?

Forty-six per cent admit that they use "the weed" and two per cent are still faithful to corn silk. The co-eds would not commit themselves.

Handsomest man in the class?

Carl Gram wins first place, with Dickerman and Arthur Shaw tying for second place.

Most versatile?

This goes to Ray Allen with Molly Scharff close behind.

The most popular?

The vote goes to Molly Scharff by a large majority. Ray Allen is next in line and Carl Gram is tied with him.

The biggest grind?

Of course we all know that Eliot Quincy Adams is best fitted to fill the title rôle here, but Madenigian is not very far behind.

The grouchiest?

Nichols gets the biggest vote, with Bettington second, and Sherman third.

Best dressed?

Mitchell is considered to wear the best clothes, and Dickerman is next in line arrayed.

Best athlete?

This honor is easily carried off by Carl Gram, with Wentworth and Moses in second and third places respectively.

Most conceited?

G. A. Haynes seems to be considered the best candidate, with Willie Drunken Green taking his dust close behind.

Best teacher?

The class votes Mr. Hayward to be the best teacher, with Professors Bailey and Clifford close seconds.

Most broad-minded?

Mr. Hayward, Professors Merrill, Talbot, Clifford, Dewey, and Dean Burton are considered to be the broadest-minded men in the Institute. Charlie Adams gets the largest vote for being the most narrow-minded, while Charlie Cross comes next with uniformly accelerated motion.

Most popular?

"Blackie ist gekommt!"

Best lecturer?

Professor Talbot easily wins this honor with Professors Clifford and Derr, synchronized for second place.

What is your favorite woman's college?

Wellesley still holds sway, but Smith is not far behind. One man denies having any "favorite woman."



Of the total number of 1410 students, 781 are from Masachusetts, or 55.5 per cent of the whole.

The degree of Doctor of Philosophy was first conferred by the Institute in 1907, when it was bestowed upon three candidates.

The ratio of instructors to students is 1 to 6.7.

The number of new students is 527 as compared with 535 last year.

The number of college graduates enrolled is 182.

The number in the graduating class of last June was 208. Of these 127 received degrees after attending the Institute for four years.

Mechanical Engineering is the largest course with 226 enrolled. Civil Engineering is next, with 210, and Electrical Engineering third, with 200.

There are 13 co-eds.

The average age on entrance was eighteen years and eleven months; the average age at graduation last year was twenty-three years.

There were twenty-four courses given in Summer School last year.

Of the 722 persons who presented themselves in June for examination, a total of 135 were rejected. In September 293 candidates attended the examinations; of these 38 were rejected.

The total instructing staff of the Institute numbers 253.

Fees from students and scholarship funds amounted last year to \$331,670.

Salaries paid out to the instructing staff and to the officers of the Institute amounted to \$383,481 in 1907.

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Last year a total of \$510,000 was expended by the Institute. The gifts and legacies received during 1907 amounted to \$92,332. The Walker Memorial Fund is now \$112,033.

YEARLY REGISTRATION

The following table shows the registration of successive years from the foundation of the Institute: —

Year						8	No	. 0	f i	Stu	dents	Year No. of Students
1865-66				2	4						72	1887-88 720
1866-67		,		23							137	1888-89 827
1867-68											167	1889-90 909
1868-69										,	172	1890-91 937
1869-70								13			206	1891-92 1,011
1870-71											224	1892-93 1,060
1871-72											261	1893-94 1,157
1872-73		,		,			,				348	1894-95 1,183
1873-74	V										276	1895-96 1,187
1874-75						i.		1		4	248	1896-97 1,198
1875-76		8				÷		0	y		255	1897-98 1,198
1876-77											215	1898-99 1,171
1877-78		1	1					4			194	1899-1900 1,178
1878-79		1		÷.							188	1900-1901 1,277
1879-80								3			203	1901-1902 1,415
1880-81				*							253	1902-1903 1,608
1881-82	100	-		1				1			302	1903-1904 1,528
1882 - 83			1					2			368	1904-1905 1,561
1883-84		,					4		+		443	1905-1906 1,466
1884-85	100										579	1906-1907 1,397
1885 - 86	8	ij.						7			609	1907-1908 1,410
1886-87	0						,			5	637	
					T	200					donts	909

Regular Special	Students				902 508
Total	.1				1.410

Geographical Distribution of Graduates in the United States



Residence of Students in the United States



1909

Geographical Distribution of Graduates

United States . . 3,319

Foreign Countries

	0	N	
	Country	Number Country	Number
1	Argentine Republic		3
2	Australia	1 22 Nova Scotia	7
3	Belgium		The second secon
4	Brazil	5 24 Persia	1
5	British Columbia	* 0* D	1
6	Chile		18
7	China	3 000 (3 1) 1	
9	Costa Rica	0 00 0 1	
0		m 00 m	
9	Cuba	1 00 70 1	3
10	Ecuador		
11	England	9 31 Yukon	1
12	France	8	11. 1000000 2010
13	Germany		157
14	Guatemala	United States	3,319
15	India		
16	Italy		
17	Japan	0	3,510
18	Korea		160
10	37 11 1		100
134		10 00 1	0.000
20	Mexico	40 Total	3,670

Students Resident in Foreign Countries

	Country	y									N	un	ber		Country											Nu	ım	ber
1	Argentine	F	ter	oul	bli	c							2	17	Italy													9
	Armenia													18	Japan										1			3
3	4 4 41												2	19	Mexico					3								11
4	Belgium							3					1	20	New South	V	/a	es								91		1
5	Brazil .	0	0	į.	-	-			9	1	1		2		75													1
6	Canada												8	22	Paraguay .													1
	Chile .												1	23	Peru					- 83					3			5
8	China .												-	24														
9	Costa Ric												100	25														
	Cuba .													26	FT 43 T													1
11	Denmark														Transvaal							-	-					4
	** *														FFE A													1
	Egypt .				-	- "							1		**													1
	England												4	-	9	2	ľ		4	8		10			-	1		_
	India .									1			1		Total .	57.5					10	H27	-					77
- 777	Ireland	-			^		-					*	9		2000					-	-		-	-				

Concerning

Name	Location	Founded	President	
Alabama Polytechnic Institute	Auburn, Ala.	1872	Charles C. Thack, B.E., A.M.	1
Albion	Albion, Mich.	1861	Samuel Dickie, A.M., M.S., LL.D.	2
Allegheny College	Meadville, Pa.	1815	William H. Crawford, D.D., LL.D.	3
Amherst College	Amherst, Mass.	1821	George Harris, D.D., LL.D.	4
Armour Institute	Chicago, Ill.	1893	Frank W. Gunsaulus, D.D.	5
Bates College	Lewiston, Me.	1864	George C. Chase, D.D., LL.D.	6
Beloit College	Beloit, Wis.	1843	Edward D. Eaton, D.D., LL.D.	7
Boston University	Boston, Mass.	1869	W. E. Huntington, Ph.D.	8
Bowdoin College	Brunswick, Me.	1794	William D. Hyde, D.D., LL.D.	9
Brown University	Providence, R. I.	1764	W. H. P. Faunce, A.M., D.D.	10
Bucknell University	Lewisburg, Pa.	1846	John H. Harris, Ph.D., LL.D.	11
Case School of Applied Science	Cleveland, Ohio	1881	Chas. S. Howe, B.S., Ph.D.	12
Central University	Richmond, Ky.	1874	Frederick W. Hinitt, Ph. D.	13
Claffin University	Orangeburg, S. C.	1872	Lewis M. Dunton, A.M., D.D.	14
Colgate University	Hamilton, N. Y.	1819	George E. Merrill, D.D., LL.D.	15
College of the City of New York	New York City	1847	John H. Finlay, D.D., LL.D.	16
College of the Holy Cross	Worcester, Mass.	1843	Joseph F. Hauselman, S.J.	17
College of William and Mary .	Williamsburg, Va.	1693	Lyon G. Tyler, M.A., LL.D.	18
Colorado College	Colorado Springs, Colo.	1874	William F. Sloeum, A.B., D.D., LL.D.	19
Colorado School of Mines	Golden, Colo.	1874	Victor C. Alderson, Sc.D.	20
Columbia University	New York City	1754	Nicholas M. Butler, Ph.D.	21
Cornell University	Ithaca, N. Y.	1865	Jacob G. Schurman, D.Sc., LL.D., A.M.	22
Cumberland University	Lebanon, Tenn.	1879	David E. Mitchell, A.B.	23
Dartmouth College	Hanover, N. H.	1769	William J. Tucker, D.D., LL.D.	24
De Pauw University	Greencastle, Ind.	1837	Edwin H. Hughes, A.M., D.D.	25
Dickinson College	Carlisle, Pa.	1783	George E. Reed, S.T.D., LL.D.	26
Drake University	Des Moines, Iowa	1891	Hill M. Bell, A.M.	27
Fisk University	Nashville, Tenn.	1866	James G. Merrill, D.D.	28
Franklin and Marshall	Lancaster, Pa.	1853	John S. Stahr, Ph.D., LL.D.	29
Georgetown University	Washington, D. C.	1789	Jerome Dougherty, S.J. @	30
Harvard University	Cambridge, Mass.	1636	Charles W. Eliot, A.M., LL.D.	31
Howard University	Washington, D. C.	1867	John Gordon, A.B., A.M., D.D.	32
Indiana University	Bloomington, Ind.	1824	William L. Bryan, A.M., A.B., Ph.D.	33
Iowa College	Grinnell, Iowa	1848	Dan F. Bradley, D.D.	34
Johns Hopkins University	Baltimore, Md.	1876	Ira Remson, A.B., LL.D., M.D., Ph.D.	35
Kentucky University	Lexington, Ky.	1836	Burris A. Jenkins, A.M., B.D., D.D.	36
Kenyon College	Gambier, Ohio	1825	Rev. W. F. Peirce, L.H.D.	37
Lafayette College	Easton, Pa.	1832	Rev. E. D. Warfield, D.D., LL.D.	38
Lake Forest University	Lake Forest, Ill.	1858	Richard D. Harlan, A.M., D.D.	39
Lehigh University	South Bethlehem, Pa.	1866	Henry S. Drinker, E.M., LL.D.	40
Leland Stanford, Jr., University	Stanford Univ., Cal.	1891	David S. Jordan, LL.D., Ph.D., M.S.	41
Louisiana State University	Baton Rouge, La.	1860	Thomas D. Boyd, LL.D.	42
Marietta College	Marietta, Ohio	1835	Alfred T. Perry, A.M., D.D.	43
Mass. Institute of Technology .	Boston, Mass.	1865	Henry S. Pritchett, Ph. D., LL.D.	44

the Colleges

	Stud'ts	Inst	r'rs College Colors	Annual	Co-educ tional		Val. Prop'ty Endow't and other Resources Approx.
1	579	43	Orange and Blue	Glomerata	Yes	None	9577 000
2	403	25	Pink and Green	The Junior Annual	Yes	\$30	\$577,000
3	401	23	Blue and Gold	Kaldron	Yes	45	522,000
4	458	43	Purple and White	Olio	No	110	890,000
5	1564	59	Yellow and Black	Integral	No	120	2,855,000 2,890,00
6	415	21	Garnet	Bulletin No. 1	Yes	50	793,000
7	609	34	Gold	Codex	Yes	36	- L. AND SERVED TO U
8	1401	150	Scarlet and White	The Hub	Yes	125	1,581,000 1,853,000
9	363	54	White	The Buale	No	75	2,086,000
10	937	81	Brown and White	Liber Brunensis	Yes	105	
11	708	49	Orange and Navy Blue	L'Agenda	Yes	50	5,689,000
12	421	33	Brown and White	The Annual	No	100	1,000,000
13	1168	106	Cardinal and Blue	Cardinal and Blue	Yes	50	866,000
14	633	38	Orange and Maroon	Bulletin	Yes	14	839,000
15	458	38	Maroon	Salmagundi	No	60	237,000
16	3712	175	Lavender	Register	No		2,468,000
17	469	37	Purple and White	The Purple	No	None	1,969,000
18	224	23	Orange and White	Colonial Echo	No	60 35	557,000
19	584	35	Gold and Black	The Tiger	Yes		300,000
20	262	17	Silver and Blue	Bulletin	No	35	1,453,000
21	4233	544	Light Blue and White	Columbian	Yes	100	417,000
22	3709	521	Cornelian and White	The Cornellian	Yes	150	30,268,000
23	200	19	Green, White, and Blue	Phanix	Yes	125	13,834,000
24	998	92	Dark Green	Aegis	No.	50	630,000
25	635	32	Old Gold	The Mirage	Yes	100	4,065,000
26	473	30	Red and White	The Microcosm		45	742,000
27	1229	109	Blue and White	Quax	Yes Yes	6	984,000
28	525	26	Blue and Gold	None		50	817,000
29	420	26	Blue and White	Oriflamme	Yes	14	447,000
30	693	110	Blue and Grav	Hodge Podge	Yes	None	761,000
31	3945	554	Crimson	None	No	100	1,450,000
32	936	90	Blue and White	University Journal	No	150	24,000,000
33	1684	101	Cream and Crimson	Arbutus	Yes	None	1,359,000
34	575	32	Scarlet and Black	Junior Annual	Yes Yes	None	625,000
35	720	173	Black and Old Gold	The Hullabaloo		55	753,000
36	1202	86	Crimson	Crimson	Yes	150	6,856,000
37	231	20	Mauve	The Reveille	Yes	30	780,000
38	360	33	Maroon and White	The Melange	No	75	1,289,000
39	356	48	Red and Black	The Melange The Forester	No	100	1,279,000
40	685	55	Brown and White	Epitome	Yes	40	2,042,000
41	1786	176	Cardinal Red	Stanford Quad	No	150	2,820,000
42	464	32	Orange and Purple	Gumbo	Yes	20	24,103,000
43	370	27	Navy Blue and White	Mariettana	No	None	829,000
44	1415	248	Cardinal Red and Silver Gray	Technique	Yes	30	432,000
		- 10	Cardinal Red and cuver Gray	2 echnique	Yes	250	4,000,000
						1	435]

Name	Location	Founded	President	
New York University	New York City	1832	Henry M. MacCracken, D.D., LL.D.	1
Northwestern University	Evanston, Ill.	1851	Abram W. Harris	2
Oberlin College	Oberlin, Ohio	1833	Henry C. King, D.D.	3
Ohio State University	Columbus, Ohio	1873	William O. Thompson, D.D., LL.D.	4
Ohio Wesleyan University	Delaware, Ohio	1844	Rev. Herbert Welch, D.D.	5
Pennsylvania State College	State College, Pa.	1859	George W. Atherton, A.B., LL.D.	6
Polytechnic Institute of Brooklyn		1851	F. W. Atkinson, Ph. D.	7
Princeton University	Princeton, N. J.	1746	Woodrow Wilson, Ph.D., Litt.D., LL.D.	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
Rose Polytechnic Institute	Terre Haute, Ind.	1883	C. Leo Mees, Ph.D.	12
Rutgers College	New Brunswick, N. J.	1766	Austin Scott, Ph.D., LL.D.	13
St. Louis University	St. Louis, Mo.	1829	W. B. Rogers, S.B.	14
Shaw University	Raleigh, N. C.	1865	Charles S. Neeserve, LL.D.	15 16
Southwestern University	Georgetown, Tex.	1873	R. S. Hyer, A.M., LL.D.	
State University of Iowa	Iowa City, Iowa	1855	George E. MacLean, M.A., LL.D.	17
Stevens Institute of Technology	Hoboken, N. J.	1871	Alexander C. Humphreys, M.E., Sc.D., LL.D.	19
Swarthmore	Swarthmore, Pa.	1869	Joseph Swain, LL.D.	20
Syracuse University	Syracuse, N. Y.	1871	James R. Day, S.T.D., LL.D.	21
Throop Polytechnic Institute .	Pasadena, Cal.	1891	Walter A. Edwards, A.B., A.M., LL.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	Schenectady, N. Y.	1795	Andrew V. V. Raymond, D.D., LL.D.	26
United States Military Academy	West Point, N. Y.	1802	Albert L. Mills, General U. S. A.	27
United States Naval Academy	Annapolis, Md.	1845	Rear Admiral J. H. Sands, U. S. N. John W. Abercrombie, LL.D.	28
University of Alabama	University, Ala.	1831	Kendric C. Babcock, B.L., A.M.	29
University of Arizona	Tueson, Ariz.	1891	Henry S. Hartzog, LL.D.	30
University of Arkansas	Fayetteville, Ark.	1872 1869	Benjamin Ide Wheeler, Ph.D., LL.D.	31
University of California	Berkeley, Cal.	1892	Harry Pratt Judson, A.M., LL.D.	32
University of Chicago	Chicago, Ill.	1874	Charles W. Dabney, LL.D.	33
University of Cincinnati	Cincinnati, Ohio	1877	James H. Baker, M.A., LL.D.	34
University of Colorado	Boulder, Colo.		Henry A. Buchtel, A.M., D.D., LL.D.	35
University of Denver	University Park, Colo	1884	Andrew Sledd, Ph.D.	36
University of Florida	Gainesville, Fla.	1800	Walter B. Hill, A.M., LL.D.	37
University of Georgia	Athens, Ga.	1892	James Alexander MacLean, M.A., Ph.D.	38
University of Idaho	Moscow, Idaho Urbana, Ill.	1868	Edmund J. James, LL.D.	39
University of Illinois	Lawrence, Kan.	1866	Frank Strong, Ph.D.	40
University of Kansas	Orono, Me.	1868	George E. Fellows, Ph. D., L.H.D., LL.D.	41
University of Maine	Ann Arbor, Mich.	1841	James B. Angell, LL.D.	42
University of Michigan	Minneapolis, Minn.	1868	Cyrus Northrup, LL.D.	43
University of Minnesota	Columbia, Mo.	1841	Richard H. Jesse, LL.D.	44
University of Missouri	Missoula, Mont.	1895	Control of the Contro	45
University of Montana	Lincoln, Neb.	1869	The second secon	46
University of Nebraska	Reno, Nev.	1886		47
University of New Mexico	Albuquerque, N. Me		Control of the Contro	48
University of New Mexico University of North Carolina .	Chapel Hill, N. C.	1795	The second secon	49
University of North Dakota .	Grand Fork, N. D.	1884		50
University of Notre Dame	Notre Dame, Ind.	1842		51

	Stud'ts	Inst'rs	College Colors	Annual	Co-educs	a- Tuition	Val. Prop'ty. Endow't and other Resources Approx.
1	2782	215	Violet	The Violet	Yes	\$100	\$5,512,000
2		301	Royal Purple	The Syllabus	Yes	80	
3		124	Crimson and Gold	Hi-O-Hi	Yes	75	7,605,000 2,912,000
4		149	Scarlet and Gray	Makio	Yes	None	4,252,000
5	1086	121	Black and Red	Bijou	Yes	51	2,735,000
6	801	65	Blue and White	La Vie	Yes	100	1,984,000
7	658	49	Blue and Gray	The Polywog	No	200	558,000
8	1537	153	Orange and Black	Bric-a-Brac	No	160	Not reported
9	2029	232	Old Gold and Black	Debris	Yes	25	1,462,000
10		28	Cherry and White	Transit	No	200	533,000
11		27	Crimson and Blue	The Spider	Yes	70	955,000
12		21	Old Rose and White	The Modulus	No	75	980,000
13		40	Scarlet	Scarlet Letter	Yes	75	1,379,000
14	11	156	Blue and White	Fleur-de-Liu	No	60	1,291,000
15		21	Garnet and White	None	Yes	12	176,000
16		58	Lemon and Black	Sou'wester	Yes	60	340,000
17	100 20 7770	182	Old Gold	The Hawkeye	Yes	20	2,095,000
18		28	Silver Gray and Crimson	Link	No	225	1,392,000
19		31	Garnet	Halcyon	Yes	150	943,000
20		208	Orange	The Onondagan	Yes	75	3,632,000
21	345	28	Not reported	Polytechnic	Yes	75	227,000
22		23	Dark Blue and Old Gold	Ivy	No	100	1,879,000
23	1272	148	Brown and Blue	The Brown and Blue	Yes	100	2,464,000
24		81	Olive and Blue	Jambalaya	Yes	85	3,320,000
25		84	Garnet	The Garnet	No	75	1,224,000
26	446	88	Black, Gray, and Gold	Howitzer	No	None	7,929,000
27	750	102	Blue and Old Gold	The Lucky Bag	No	None	7,631,000
28	481	50	Crimson and White	The Corolla	Yes	20	1,487,000
29	226	26	Blue and Red	The Burro	Yes	20	326,000
30	1528	94	Cardinal	Cardinal	Yes	None	659,000
31	3038	220	Blue and Gold	Blue and Gold	Yes	20	6,534,000
32	5239	341	Maroon	Cap and Gown	Yes	120	17,888,000
33	1211	139	Scarlet and Black	Cincinnatian	Yes	75	2,606,000
34	1247	129	Silver and Gold	Coloradoan	Yes	None	656,000
35	1121	171	Red and Gold	Kynewisbok	Yes	30	775,000
36	136	20	Navy Blue and Orange	None	No	None	447,000
37	408	32	Red and Black	Pandora	No	50	1,150,000
38	310	26	Silver and Gold	Gem of the Mountains	Yes	None	466,000
39	3792	408	Orange and Blue	The Illio	Yes	105	3,384,000
40	1706	190	Crimson and Dark Blue	The Jayhawker	Yes	30	1,424,000
41	611	69	Light Blue	The Prism	Yes	30	721,000
42	4180	265	Maize and Blue	Michiganensian	Yes	40	4,241,000
43	- 3950	323	Maroon and Old Gold	The Gopher	Yes	40	4,106,000
44	1821	128	Gold and Black	The Savitor	Yes	None	3,268,000
45	218	22	Copper, Silver, and Gold	The Sentinel	Yes	None	892,000
46	2914	182	Scarlet and Cream	The Sombrero	Yes	None	2,054,000
47	284	33	Royal Blue and Silver	The Artemisia	Yes	None	512,000
48	106	12	Cherry and Silver	Mirage	Yes	40	102,000
49	682	70	Blue and White	Yackety-Yack	Yes	60	791,000
50	541	49	Pink and Green	The Dacotah	Yes	None	639,000
. 51	772	77	Gold and Blue	The Dome	No	100	Not reported

Name	Location	Founded	President	
University of Oklahoma	Norman, Okla.	1892	David R. Boyd, A.M., Ph.D.	1
University of Oregon	Eugene, Ore.	1876	Prince L. Campbell, A.B.	2
University of Pennsylvania	Philadelphia, Pa.	1740	Charles C. Harrison, LL.D.	3
University of South Dakota .	Vermilion, S. D.	1882	Garrett Droppers, A.B.	4
University of Southern California		1880	George T. Bovard, D.D.	- 5
University of Tennessee	Knoxville, Tenn.	1794	Brown Ayres, Ph.D.	6
University of Texas	Austin, Texas	1883	William L. Prather, LL.D.	7
University of the South	Sewanee, Tenn.	1868	Benjamin L. Wiggins, M.A., LL.D.	8
University of Utah	Salt Lake City, Utah	1850	J. J. Kingsbury, Ph.B., A.M., Ph.D., D.Sc.	9
University of Vermont	Burlington, Vt.	1800	Matthew H. Bucham, D.D., LL.D.	10
University of Virginia	Charlottesville, Va.	1825	Edwin Anderson Alderman, LL.D.	11
University of Washington	Seattle, Wash.	1862	Thomas F. Kane, Ph.D.	12
University of Wisconsin	Madison, Wis.	1850	Charles R. Van Hise, Ph.D.	13
University of Wyoming	Laramie, Wyo.	1887	Frederick M. Tisdel, Ph.D.	14
Vanderbilt University	Nashville, Tenn.	1875	J. H. Kirkland, LL.D., Ph.D., D.C.H.	15
Washington and Jefferson College		1802	James David Moffat, D.D., LL.D.	16
Washington and Lee University		1749	George H. Denney, M.A., Ph.D., LL.D.	17
Washington University	St. Louis, Mo.	1859	W. S. Chaplin, A.M., LL.D.	18
Weslevan University	Middletown, Conn.	1831	Bradford Paul Raymond, D.D., LL.D.	19
Western Reserve University .	Cleveland, Ohio	1826	Charles F. Thwing, D.D., LL.D.	20
Williams College	Williamstown, Mass.	1793	William Hopkins, D.D., LL.D.	21
Wittenberg College	Springfield, Ohio	1845	Rev. Chas. G. Heckert, D.D.	22
Worcester Polytechnic Institute	Worcester, Mass.	1868	Edmund Arthur Engler, A.M., Ph.D., LL.D.	23
Wooster University	Wooster, Ohio	1870	Louis Edward Holden, D.D., LL.D.	24
Yale University	New Haven, Conn.	1701	Arthur T. Hadley, LL.D.	25

Colleges

Vassar Wellesley	ly .										South Hadley, Mass. 183 Cambridge, Mass. 187 Northampton, Mass. 187 Poughkeepsie, N. Y. 186 Wellesley, Mass. 187	7 9 5 5 5	M. Cary Thomas, Ph.D., LL.D. Mary E. Wooley, A.M., L.H.D. Le Baron Briggs, A.M., LL.D. L. Clark Seelye, D.D., LL.D. James M. Taylor, D.D., LL.D. Caroline Hazard, M.A., Litt.D. George M. Ward, B.A., M.A., D.D., LL.D.	1	2 3 4 5 6
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NOTE: Compiled from latest U. S. Government Report.

	Stud't	ts Inst'	rs College Colors	Annual	Co-educa tional	Tuition	Val. Prop'ty Endow't and other Resources Approx.
1	614	39	Crimson and Cream	News Letter	Yes	None	\$159,000
2	535	79	Lemon Yellow	Web/oot	Yes	None	380,000
3	3243	347	Red and Blue	The Record	Yes	200	8,723,000
4	277	24	Vermilion	Coyote	Yes	12	509,000
5	1017	211	Cardinal and Gold	El Rodeo	Yes	62	400,000
6	69.5	89	Orange and White	The Volunteer	Yes	60	1,157,000
7	1547	39	Orange and White	Cactus	Yes	10	1,819,000
8	502	46	Royal Purple	Cap and Gown	No	100	1,341,000
9	974	44	Crimson and Silver	Annual	Yes	None	918,000
10	523	72	Green and Gold	The Ariel	Yes	60	1,738,000
11	728	68	Orange and Blue	Cocks and Curls	No	75	2,312,000
12	1045	71	Purple and Gold	Tyee	Yes	None	768,000
13	3571	283	Cardinal	The Badger	Yes	30	3,532,000
14	213	21	Brown and Yellow	None	Yes	None	425,000
15	832	97	Black and Gold	Comet	Yes	95	2,620,000
16	375	30	Red and Black	Pandora	No	60	788,000
17	375	34	Blue and White	Calyx	No	50	1,435,000
18	1836	235	Myrtle and Maroon	The Hatchet	Yes	150	7,700,000
19	338	36	Cardinal and Black	Olla Podrida	Yes	75	2,676,000
20	856	166	Red and White	Reserve	Yes	85	4,491,000
21	482	48	Royal Purple	The Gul	No	140	2,234,000
22	386	24	Cardinal and Cream	None	Yes	50	489,000
23	438	40	Crimson and Steel Gray	None	No	150	1,320,000
24	608	43	Black and Old Gold	The Index	Yes	45	1,004,000
25	3208	359	Blue	Yale Banner	Yes	155	Not reported

for Women

1 2 3 4 5	458 714 436 1213 977	46 77 102 93 91	Yellow and White Light Blue Red and White White Rose and Gray	The Lantern Llamarada None None Vassarian	No No No No	150 125 200 100 115	2,926,000 1,763,000 641,000 2,644,000 3,171,000
6	1096	95	Deep Blue	Legenda	No	175	3,073,000
7	150	22	Cardinal	The Cardinal	No	100	522,000



Name and Society	Class	Course	Home Address
Aaron, Joseph Abraham	11	VI	3 Normandy St., Roxbury, Mass.
Abbe, Roy Hosford		II S	Bethlehem, N. H.
Adams, Arthur King, & Y		II	24 Grove St., Adams, Mass.
Adams, Elliot Quincy		X	36 Emery St., Medford, Mass.
Adams, Ralph Guy		11	Needham, Mass.
Adams, William Thomas, Jr., & K E		II	Corinth, Miss.
Adler, Leon Meyer		II S	2147 Highland Ave., Birmingham, Ala.
Ahern, Vincent Leo	. 11	X	40 White St., Lawrence, Mass.
Albro, Robert Clifford	. 07	IS	377 St. James Ave., Springfield, Mass.
Allen, Abbott	. 10	I	36 Milwood St., Dorchester, Mass.
Allen, David Pillsbury	. 11	II	81 Beacon St., Saxonville, Mass.
Allen, Horace Ethan, J K E	. 08	11	2248 Parkwood Ave., Toledo, Ohio.
Allen, Lawrence Howe	. 08	1	34 Avon Way, Quincy, Mass.
Allen, Maurice Everett, AKE		1	2248 Parkwood Ave., Toledo, Ohio.
Allen, Mitchell, $X \Phi$. 10	1	86 Walnut Place, Brookline, Mass.
Allen, Raynor Huntington, Ø B E	. 09	II S	230 Southern Ave., Cincinnati, Ohio.
Allen, Walter Defriez	. 11	XIII	1 Winter St., Nantucket, Mass.
Allison, Harold Burbidge Chency		X	2279 Mass. Ave., Cambridge, Mass.
Almy, Edward Taber, Jr., 120		III S	126 Willis St., New Bedford, Mass.
Altamirano, Salvador		VI	3a Ortes 35, Mexico City, Mexico.
Alter, John Frank		IV S	70 Newbury St., Lawrence, Mass.
Ames, Monroe		I	3 Playstead Road, West Medford, Mass.
Amory, Robert, Jr., A.B.		IS	Bar Harbor, Me.
Anderson, Cedric Samuel		VI .	24 Ruskin St., West Roxbury, Mass.
Anderson, Eugene Stewart		III	34 Thompson St., Springfield, Mass.
Anderson, Maurice Phelps, $\theta \Xi$		XIII S	111 Cherry St., Seattle, Wash.
Anderson, Paul George Wilfred		III	331 Metropolitan Ave., Roslindale, Mass. Camborne, British Columbia.
Anderson, Roy Maxwell, AT Q		'II	512 14th St., South Fargo, N. D.
Angell, Robert Corson		II	110 Oak St., Hartford, Conn.
Angus, Robert Alexander		VI	Kewanee, Illinois.
Anthony, Rowland Barney, A T A		VI	200 Roxbury St., Keene, N. H.
Applin, Frank Dexter		VI	26 Windsor Road, Waken, Mass.
Arend, Frank Spencer, Ø B E	. 10	Ï	37 West 11th St., New York City.
Arkell, William Clark, Φ Σ K [440]	. 10	1	or rest that on, then Tork City.

Name and Society	Class	Course Home Address
Armendariz, Angel Garcia, θX	. 10	VI S Clavijero 14, Jalapa, Mexico.
Armes, Roland Kingman, 2 X	10	XI S 14 Bloomfield St., Lexington, Mass.
Arms, John Taylor, Jr	11	IV S 2007 Mass. Ave., N. W., Washington, D.C.
Armstrong, Kenneth Potter		I 112 Sycamore St., Somerville, Mass.
Arnold, Grant William		VI S Fremont, Neb.
Arnold, Harold Shelton, O I 4		III S North Abington, Mass.
Arnold, Robert Bacon		V Terre Haute, Ind.
Ashely, Charles Summer, Jr	11	III S 35 St. Botolph St., Boston, Mass.
Atherton, Thomas Henry, Jr., A.B., 4 T	09	IV S Wilkesbarre, Pa.
Atwood, Harry Nelson, Φ B E	10	II S "The Longfellow," Western Ave., Lynn, Mass.
Austrian, Seligman Bernei	10	I 2005 Eutaw Place, Baltimore, Md.
Avery, Forrester Barstow, J K E	10	X 40 Jefferson Ave., Grand Rapids, Mich.
Avery, John, Jr., O T 4	10	I S 45 Perkins St., West Newton, Mass.
Ayres, Richard Samuel, A.B	09	II S Pineville, Ky.
Ayres, Inchard Country, 1227		
Dabbitt Harald Faton	11	XI 6 Highland Ave., Somerville, Mass.
Babbitt, Harold Eaton	08	X 719 Boylston St., Poston, Mass.
Babcock, Elizabeth Brewer	09	V 102 Crawford St., Roxbury, Mass.
Babcock, John Brazer, 3d	10	I 11 Downer Ave., Dorchester, Mass.
Babcock, Mabel Keyes, A.B	08	IV Wellesley Hills, Mass.
Bach, Joseph George, A.B., Σ A E	11	III S 2500 Grand Ave., Milwaukee, Wis.
Bailey, Fred Roscoe	11	I Avon, Mass.
Bailey, George William	09	II S 34 Paulina St., West Somerville, Mass.
Baker, Frank Adams, OK E	10	II S 12 Rill St., Dorchester, Mass.
Baker, Harry James	11	VI 2 Church St., Norwich, Conn.
Baker, John Cuyler, B.S.	10	VI Manhattan, Ill.
Baldwin, José Dewey	10	VI S Lyndonville, Vt.
Ball, Edwin Chester	09	VI S 694 Broadway, West Somerville, Mass. I Millington, Mass.
Ballard, Harold Foote	08	I Millington, Mass. II 45 Town St., So. Braintree, Mass.
Bangs, Carl Henry Barcus, Walter James Emmons, 4 7	08	III 251 State St., Albany, N. Y.
Barker, Charles Morse	11	VI 25 Newton St., Marlboro, Mass.
Barker, Clinton Carter	07	I 1361 Osgood St., No. Andover, Mass.
Barnard, John Edwin	10	IV 22 Vine St., Winchester, Mass.
Barnes, Carlton Sloan	11	VI S 47 Raymond St., Everett, Mass.
Barnes, John Stetson, 4 ?	08	II 414 W. Onondaga St., Syracuse, N. Y.
Barnes, Roderic Barbour	G	IV 316 West 75th St., New York City.
Barnett, Louis	08	VI S 480 Tremont St., Boston, Mass.
Barnett, Seymour Foster	09	I S 196 Cumberland St., Brooklyn, N. Y.
Barr, Kester	11	II 84 Hodge Ave., Buffalo, N. Y.
Bartlett, Charles Lawrence	11	I 26 Putnam St., Buffalo, N. Y.
Bartlett, Ralph Lincoln	10	III Newburyport, Mass.
Barton, Royal Miner	11	VI 48 Princeton Ave., Providence, R. I. I 16 Crocker St., Somerville, Mass.
Barton, William Edward	08	
Batchelder, Charles Leland	08	I North Reading, Mass. IV 16 Vincent St., No. Cambridge, Mass.
Batchelder, Ralph Johnson	10	II 57 Elm Ave., Mt. Vernon, N. Y.
Batcheller, George Ellinwood	11	II 12 Hawthorn St., Cambridge, Mass.
Batsford, Howard Edwin	08	X 72 Watson Place, Utica, N. Y.
Batsner, Alexander Graydon, Z X	10	II S 238 Albany Ave., Avondale, Cincinnati,
Dataset, Mississer Graydon, 2 32 1 1	GLESSON.	Ohio.

Name and Society	Class	Course	Home Address
Batty, Ernest James	. 11	II	Valley Falls, R. I.
Bayle, Robert Wilfred, 2 X	. 10	IV S	234 Glen St., Glens Falls, N. Y.
Beach, Albert John	10	I	12 Buckingham St., Somerville, Mass.
Beales, Ralph Linwood	. 10	III	36 George St., Rockland, Mass.
Beckmann, Rafael Adolph Beecher, Marcus Sherman		XII S	Parral, Chihuahua, Mexico.
Beers, Louis Gilbert, & Z K		XII S	Nome, Alaska. 52 Cedar St., Taunton, Mass.
Behr, Hermann	10	VI S	Transvaal, South Africa.
Belcher, Daniel	09	II	31 Chatham St., Worcester, Mass.
Belcher, Daniel	09		616 Sixth St., Eureka, Cal.
Belcher, Frank Kennedy	. 08	II	11 Otis St., Medford, Mass.
Belcher, George Myron	08	1	148 Hawthorne St., Malden, Mass.
Belden, Charles Josiah, 4 T 4	10	H	5 East 53d St., New York City.
Beliveau, Francis Goodwin, # 2 K	. 10	II S	Keene, N. H.
Bell, Frank Frederick, $\Sigma A E$	10	II	Bristol, Bucks County, Pa.
Bell, John Rice	11	II	16 Greenleaf St., Malden, Mass.
Bender, Homer Charles	09 .	IS	347 Ralston St., Reno, Nev.
Bennett, Herbert Hand, $\Sigma A E$	10	III S	1 Winchester St., Brookline, Mass.
Bentley, Harry Howe.	08	IV	Oskaloosa, Iowa.
Besse, Eldred Edward	10	n	356 Belmont St., Manchester, N. H. 10 Cooke St., Fairhaven, Mass.
Besselievre, Arthur Cleborne		XIII	47 Rutland Sq., Boston, Mass.
Bettington, Egerton Mitford, X		VI S	Santa Clara, Park Town, Johannesburg,
			South Africa.
Bicknell, Richard Stuart	10	X	91 Esmond St., Dorchester, Mass.
Bien, Van Tuvl Hart	10	XIII	1130 Lamont St., N. W., Washington, D. C.
Bigelow, Braxton, A #	10	III	62 Mt. Vernon St., Boston, Mass.
Bigelow, Jane Poultney	10	IV	62 Mt. Vernon St., Boston, Mass.
Bigelow, John Arthur Billings, Harold Dexter, # I I	- 11	IV	64 Highland St., Marlboro, Mass.
Billings, Harold Dexter, # I 4	10	XIS	198 Walnut St., Newtonville, Mass.
Bird, Viggo Edward	08	VI	7 A Bülowsvej, Copenhagen, Denmark.
Bishop, Frank Day	11	VIC	18 Central St. Place, Springfield, Mass.
Black, Henry George Atkinson		VI S VI S	55 Elm St., Woburn, Mass.
Black, Thomas Bass	09	III S	Black Lick, Ohio. 2101 Jackson St., Sioux City, Iowa.
Blackburn, Henry Washington	08	II	14 Royal St., Lawrence, Mass.
Blair, Fred Page	10	IS	2703 Russell Ave., St. Louis, Mo.
Blake, Gladys May Elizabeth	09	VS	184 West Canton St., Boston, Mass.
Blankenbuehler, Rea Edmunds, A.B	09	X	Elizabeth, Pa.
Block, Paul Henry	09	IS	42 Rogers St., So. Boston, Mass.
Blood, Kenneth Thompson	09	XIII	366 Main St., Concord Jct., Mass.
Blum, Samuel Irving	- 11	VI	5 Plant Ave., Roxbury, Mass.
Boardman, Wallace Eugene	09	II S	54 Pleasant St., Wakefield, Mass.
Boddie, George, Jr.	10	IS	Hopkinsville, Ky.
Bogdasarian Swren	11	IV S	37 Hopedale St., Allston, Mass.
Bollenbacher, John Carlisle, A.B Bombrini, Alberto Maria	09 10	IV II S	Bloomington, Ind.
Bond, Francis Marvin	08	II	Corso A, Poderta 2, Genoa, Italy. Station E, Baltimore, Md.
Bond, Thomas Davis	10	VIS	56 Linden St., Reading, Mass.
Bonebrake, Benjamin Snively	10	VIS	1508 Eutaw Place, Baltimore, Md.
Bonillas, Ygnacio Safford	08	III	Nogales, Sonora, Mexico.
Bonvonloir, Lionel	10	VIS	105 High St., Holyoke, Mass.
Booth, Wilfred Edwin	08	VI	Box 78, Waterville, Conn.

Name and Society	Class	Course	Home Address
Border, Lee Scott	09	XIII A	Cedar Falls, Iowa.
Bosworth, Louise Marion, A.B	00	VII	Elgin, Ill.
Bounetheau, Harold Du Pré	09	IV	Jacksonville, Fla.
Boush, Kenneth Camm	08	II	1378 Beacon St., Brookline, Mass.
Bowers, George Winthrop	09	Î	359 Westford St., Lowell, Mass.
Bowers, Ralph Henry	10	VIS	832 Columbia Road, Dorchester, Mass.
Bowman, Bion Angelo	09	I	263 West Newton St., Boston, Mass.
Bowman, Donald	08	VÎ	923 West 4th St., Marion, Ind.
Bowman, John Roswell	09	XI	Billerica, Mass.
Boyden, Roger Talbot, # 2 K	10	IS	Foxboro, Mass.
Boylston, Clifford Hall, $\Delta \Sigma \Phi$	08	I	Milton, Mass.
Bradford, Alexander Henry	08	III	Raynham, Mass.
Bramhall, Percy Maynard	10	VI	84 Tenth St., Lowell, Mass.
Bremer, Arthur Edmund	08	I	618 Garden St., Hoboken, N. J.
Breyer, Robert Samuel, AT Q	10	III	707 Webster Ave., Houston, Texas.
Bridgman, Grenville Temple, 4 7	09	III S	264 Newbury St., Boston, Mass.
Briggs, Chester Jackson	10	III S	567 Watertown St., Newtonville, Mass.
Briggs, Leroy Edmund	10	II	129 Waverly St., Providence, R. I.
Brody, Louis Nathaniel	11	I	89 6th St., Chelsea, Mass.
Brooks, Auston Whitney	10	VIS	Wellesley Hills, Mass.
Brooks, Gordon Glyndon	11	VIII S	Atlanta, Ill.
Brooks, John Cummings, 4 7	08	II	61 Franklin St., Westfield, Mass.
Brooks, John Nixon, A.B.	09	I	240 W. State St., Trenton, N. J.
Brown, Chester Anderson	09	IV S	199 Burrill St., Swampscott, Mass.
Brown, Clarence Jay	09	IV S	2020 2d Ave. So., Minneapolis, Minn.
Brown, Claude Osgood	08	I	193 Lawrence St., Haverhill, Mass.
Brown, Dallas, Jr	10	II	184 Rockland St., New Bedford, Mass.
Brown, Eugene Le Vert, Jr., O E K	09	II S	3517 Lucas Ave., St. Louis, Mo.
Brown, George Arthur	11	XS	23 Bond St., Norwood, Mass.
Brown, Harold Chester	10	II	82 Bellingham St., Chelsea, Mass.
Brown, Harry Wheeler, B.S.	08	VI S	118 Brighton Ave., Allston, Mass.
Brown, Perley Kimball	10	XI S	290 Myrtle St., Manchester, N. H.
Brown, Philip Carter, A.B	08	II	50 Silver St., Dover, N. H.
Brownell, Walter Keith	10	I	62 Pleasant St., Brookline, Mass.
Brownlee, Malcom Bruce	11	III	312 Eighth Ave., Spokane, Wash.
Brunet, Edward Leo	10	VI S	11 Moreland St., Roxbury, Mass.
Brush, Reuben Warner	10	VI	Cambridge, Vt.
Buckler, Riggin	G	IV	Lawrence, Long Island.
Buckley, William Joseph	11	VI S	29 Childs St., West Lynn, Mass.
Bullard, Benjamin	08	II	Garden City, Kan.
Bullard, Maurice Lucian	09	III	Radford, Virginia.
Bullens, Denison Kingsley Bundy, Stanton Schofield	09		52 Bennington St., Newton, Mass.
Burch, James Merrill, Jr.	10 08	XI S	620 Carson St., San Antonio, Texas.
	11		423 West 3d St., Dubuque, Iowa.
Burdett, Paul, @ B E	08	VI	119 Bay State Road, Boston, Mass.
Burgher, Ballard Young, A.B., Ø & Ø	10	Ï	620 East 170th St., New York City.
Burgher, Stephen Lawrence	09	VI	Oak Lawn, Dallas, Texas. 45 Highland Ave., Winthrop, Mass.
Burleigh, William Storer	10	II	107 W. Central St., Natick, Mass.
Burnett, Robert Field, θX	10	III	69 Eleanor St., Chelsea, Mass.
Burnham, Paul Edwin	11	I	40 Victoria St., Lowell, Mass.
Burnham, Philip Weeks	10	IV	249 Bacon St., Waltham, Mass.
Burroughs, Mortimer Perry, $\Sigma A E$	08	I	263 Newbury St., Boston, Mass.
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Name and Society C	lass	Course	Home Address
Burt. Angus Edward	09	III S	24 Market St., Newburyport, Mass.
Burton, Felix Arnold, A.B., A K E	10	IV	Newcastle Road, Newtonville, Mass.
Byron, Walter Harwood, B.S., 2 X	09	AS	Williamsport, Md.
	G	V	109 Commonwealth Ave., Boston, Mass.
Cabot, Samuel, A.B	09	VS	Cienfuegos, Cuba.
Cacicedo, Luis, A.B.	10	III S	250 Lexington St., East Boston, Mass.
Cahill, Edward Ignatius	11	S	660 Grove St., Newton Lower Falls, Mass.
Calden, George Warren	09	VI	118 Neponset St., Norwood, Mass.
Caldwell, Philip Lord	11	I	101 Gainsboro St., Boston, Mass.
Caldwell, Walter Evans	08	II	2 St. James Ct., Louisville, Ky.
Callahan, Charles Augustine	10		109 River St., Waltham, Mass.
Callaway, Hendley Ross, O I 1	08	II	144 Kimball Ave., Westfield, N. J.
Camp, William Hoke, B.S.	09	V S	Galt House, Louisville, Ky.
Campbell, Charles Lincoln Campbell, James Kenneth, $\Delta \Sigma \Phi$	09	X	228 Beale St., Wollaston, Mass.
Campbell, James Kenneth, 4 2 0	11	İs	Esmont, Va. 204 E. High St., Mt. Vernon, Ohio.
Campbell, Kenneth James, B.S., $B \theta II$.	09	10	North Hanover, Mass.
Cannon, William Raynor	10	П	2045 Abington Road, Cleveland, Ohio.
Carey, Edward John	10	**	Percival St., Dorchester, Mass.
Carney, Arthur William	11	III	66 Saunders St., Lawrence, Mass.
Carson, Charles George	08	IS	14 Fellows Road, So. Hampstead, Lon-
Carson, Charles George			don, England.
Carson, John Renshaw, B.S., 9 4 X	09	VI	13 Thorn St., Sewickley, Pa.
Cartagena, Nicholas Manrique	10	II S	Mayaguez, Porto Rico.
Carter, Harold Leston	08	II	165 Bellingham Ave., Beachmont, Mass.
Cary, Burton Wolcott	08	II	222 Liberty St., Lowell, Mass. 300 Club Road, Roland Park, Baltimore,
Cary, Richard Lucius, A.B., A.M.	09	1	Md.
Casey, Frank Augustus	10	II S	Billerica, Mass.
Cassino, Leslie Phelps	08	II	Lafayette St., Salem, Mass.
Castelhun, Frederic Karl	10	VI	51 High St., Newburyport, Mass.
Catching, Harry Hardin	11	1	London, Ky.
Caton John Hurst 3d	08	IS	70 Arnold Ave., Edgewood, R. I.
Carson, Charles George, B.S.	08	18	14 Fellows Road, So. Hampstead, London,
		**	England.
Chamberlin, Olin Vivian, Ø K 2	10	X	603 W. Main St., Washington, D. C. 45 Jaques St., Somerville, Mass.
Chandler, Harry Stuart	08	IV S	195 Marlhorough St., Boston, Mass.
Chandler, Henry Daland, A.B., 4 T	09	XIII A	Malvern, Iowa.
Chantry, Allan J., Jr. Chaffee, Elsen Whitney, AT Q	10	VS	Amenice, N. D.
Chapin, Maurice Scott, $\theta \ \Delta X$	10	XIII	127 School St., Springfield, Mass.
Chapman, Edward Prichard	09	III	1117 Lake Ave., Pueblo, Colo.
Chapman, Laurance Dana	09	VI S	Wellesley Farms, Mass.
Chapman, Lawrence Boylston	10	XIII	5 Sachem Terrace, Norwich, Conn.
Chapman, Thomas Garfield	09	III S	54 Falmouth St., Boston, Mass.
Charleston, Georgiana	11	I	772 Shawmut Ave., Roxbury, Mass. Hanover, N. H.
Chase, Philip Hartley, A.B.	09 10	VI S	
Chase, Stuart, & I A	11	п	195 East 30th St., Chicago, Ill.
Cheney, James Burleigh, Ø B E	08	iii	97 Hillside Ave., West Newton, Mass.
Chipman, Kenneth Gordon	09	III S	Shanghai, China.
Christie, John Anderson, $\Phi \Sigma K$	09	V	34 Arnold Place, North Adams, Mass.
Chinchilla, Pelayo Kirkpatrick	09	IS	Casilla 1182, Valparaiso, Chile.
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Name and Society C	lass	Course	Home Address
Christensen, Arthur Olaf	07	III	Beaufort, S. C.
Church, Edwin Fayette, Jr., B.S	G	II	Morgantown, W. Va.
Churchill, Fred Raymond	11	ÎÎ	240 Franklin St., Cambridge, Mass.
	10	VI	309 West 9th St., Erie, Pa.
Churchill, Harold Witter		VI S	
Cilley, Jay Wesley	10		South Newbury, N. H.
Clapp, Chalmers Stevens	08	IV	169 Boston St., Dorchester, Mass.
Clapp, Dudley	10	X	52 Hartford St., Dorchester, Mass.
Clark, Clarence Warner	08	X	485 Blue Hill Ave., Roxbury, Mass.
Clark, Dana Wright	08	II	23 Summer St., Andover, Mass.
Clark, Eldon Saunders	10	Ī	11 Montague St., Dorchester, Mass.
Clark, Horace Little, $\Sigma A E$	09	I	7 Spring St., Exeter, N. H.
Clark, Lawrence Addison	08	II	Pontiac, Ill.
Clark, Milton Stanley, J P	09	III S	329 East 4th St., Jamestown, N. Y.
Clark, Oberlin Shurtleff	11	II	30 Sydney St., Dorchester, Mass.
Clark, William Dennison	09	VI S	"The Pasadena," Detroit, Mich.
Clavell, Antonio Cepero	11	VS	Ponce, Porto Rico.
Clayton, Burkett Sale, B.S	08	XI S	Kirkwood, Mo.
Clements, Stiles Oliver	09	IV S	Dover, Del.
Cleveland, Harry Ward	10	II S	172 E. Second St., Fond du Lac, Wis.
Cleverdon, Herbert Squires, ATA	10	IV	2207 Andrews Ave., University Heights,
Contraction and and an artist of the contract	-7.75	10.74	New York City.
Clifford, Walter Woodbridge	09	I	60 Oak St., Hyde Park, Mass.
Cloudman, Herbert Cordwell	09	II	15 Franklin St., Rumford Falls, Me.
Cobb, Frank Lewis	10	VI	56 Mt. Everett St., Dorchester, Mass.
Coburn, Frederic Gallup	G	XIII A	143 Kilsyth Road, Brookline, Mass.
Coburn, William Haskins	11	VI	Jefferson, Me.
Cochrane, Clifford Nelson	08	II	63 Howard St., Melrose, Mass.
Coffin, Langdon, $\Sigma A E$	08	ii	144 Bellevue St., Newton, Mass.
	11	II	30 Remsen St., Brooklyn, N. Y.
Coffin, Mitchell	11	VII S	238 Marion St., East Boston, Mass.
Cohen, Albert Benjamin	08	II	
Cohen, Abraham Saul			250 Chambers St., Boston, Mass.
Cohen, Samson Kalmon	10	I	3 Elbert St., Roxbury, Mass.
Colburn, George Harold	11		8 Adams St., Waltham, Mass.
Cole, Frederick Arthur	08	I	193 Floral St., Newton Hlds., Mass.
Cole, John Foster	10	VI	456 Broadway, So. Boston, Mass.
Cole, Marcus Johnson, J T J	09	II S	106 Mt. Vernon St., Lowell, Mass.
Coleman, Arthur Moxham, 4 7	11	VIS	6 St. James Ct., Louisville, Ky.
Coleman, Nathan Lindell, 2 A E	09	IV S	505 Union Trust Bldg., Los Angeles, Cal.
Collingham, Howard	10	VI	189 Summer St., Somerville, Mass.
Collins, Richard Carter	08	II	97 Dexter St., Malden, Mass.
Colson, Chester Simmons, θX	08	1	15 Bow St., Beverly, Mass.
Colson, Henry Clifford, Jr	09	VIII S	Abington, Mass.
Comins, Albert Knowlton	09	VS	Wakefield, Mass.
Conant, Arthur Franklin, A.B., & JX	09	I	727 Watching Ave., Plainfield, N. J.
Congdon, Howard Wilbur, A.M., O h T	09	I	272 Dudley St., Providence, R. I.
Conner, George Cartwell	10	- VI	P. O. Box 192, Truro, Nova Scotia.
Connolly, Eugene Leo	09	V	Caryville, Mass.
Connolly, Walter Francis	11	I	84 School St., Lowell, Mass.
Conover, John Woodhull, A.B.	07	II S	Norfolk, Va.
Constable, John Pierrepont, 4 W	11	XIII	8 Cottage Place, Utica, N. Y.
Cook, Alton Mace	09	IS	Hyannis, Mass.
Cook, Hardy Merrill	09	VI	189 Blue Hill Ave., Roxbury, Mass.
Cooke, Francis Gray	11	XIII S	Whitman, Mass.
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Name and Society	Class	Course	Home Address
Cooley, Lloyd Cartwright, $\Sigma A E$	11	X	26 Stetson St., Brookline, Mass.
Copeland, Stuart Brown, 4 T 4		II S	257 Lyon St., Milwaukee, Wis.
Coplan, Michael Abram		I	97 Hampden St., Boston, Mass.
Cornell Samuel Hoag, X Ø	11	XIII	67 West 83d St., New York City.
Coupal, Arthur Eugene, @ I' 4	11	II S	821 East 4th St., So. Boston, Mass.
Court, Alva Breaker, Z X	09	XIII A	Houston, Texas.
Courtney Bernard Freeman	10	VS	32 Dell Ave., Hyde Park, Mass.
Covill, Frederick William	11	II S	61 Montview St., West Roxbury, Mass.
Cowee, George Alvin, J ?	11	Ш	41 Edgell St., Gardner, Mass.
Cox, James Alexander, 4 r	10	IS	32 Hemlock St., Roslindale, Mass.
Coye, John Starr, B.S	08	VS	Carson, Iowa.
Craigie, George William, A.B.		XS	Mason St., Cumberland Mills, Me.
Crane, Russell Gilbert		IV	16 Second St., Taunton, Mass.
Creecy, Charles Eaton, X Ø		I	Ilchester, Howard Co., Md.
Creighton, Irving Clement	11	II	92 Washington St., Lynn, Mass.
Creveling, Joe Delano, M.S	10	II S	Mt. Vernon, Ohio,
Crichton, Hiram Neil	10	III	Odebolt, Iowa.
Criswell, Chesney Harrison, A.B		X	Franklin, Pa.
Critchett, James Hamilton, $\theta \land X$		VIII S	41 Palfrey St., Watertown, Mass.
Crommett, Orrin James		II	115 Orange St., Chelsea, Mass.
Cross, Hardy, A.B., B.S		I	Norfolk, Va.
Crossley, Frederick Turner	09	VI	1428 Broad St., Providence, R. I.
Crowley, Daniel Joseph, Jr		III S	610 Lowell St., Lawrence, Mass.
Crowley, John Edward		VIS	15 Forest Ave., Bangor, Me.
Cumings, George Bradley		VI	6 Elmwood Ave., Winchester, Mass.
Curran, John Frank		VI S	Pond St., Nahant, Mass.
Curtis, Allen	14.00	I	132 Centennial Ave., Gloucester, Mass.
Curtis, Arthur Harrison			72 Centennial Ave., Revere, Mass.
Curtis, Frank Henry		III	8 East St., E. Weymoutli, Mass.
Curwen, George Barr, J T J		X	7 Fairfield St., Salem, Mass.
Cushing, Walter Burgess	10	X	108 Walpole St., Norwood, Mass.
Cushman, Paul Allerton		Ī	156 Newbury St., Boston, Mass.
Cushman, Faur Ancion	**		100 Pendaly Day Doston, Island
Daddow, Samuel Harris, A.B	08	II	St. Clair, Pa.
Daley, Mitchell Joseph, θX		III S	69 Maple St., Marlboro, Mass.
Damon, Henry Hyman, A.B		I	63 Allen St., Boston, Mass.
Damon, Ralph Sumner	11	Ī	195 Elliott St., Milton, Mass.
Dana, Allston, A.B.		Î	113 Brattle St., Cambridge, Mass.
Darrow, Burgess	12.02	VI	22 Sargent St., Dorchester, Mass.
Davidson, Stephen Lock, 2 A E	08	IS	1326 N. Lawrence Ave., Wichita, Mass.
Davies, Arnold Chaplin	10	VIII	Georgetown, Mass.
Davis, Eugene Reid		A PROPERTY.	117 Trowbridge St., Cambridge, Mass.
Davis, Harold Martin	11	I	28 Auckland St., Dorchester, Mass.
Davis, Henry Clarence, Jr., X Ø	-1-2-	VI	Fort Andrews, Mass.
Davis, John Francis, Ph.D.		II	116 Upland Road, Cambridge, Mass.
Davis, Luther	12.2	VS	258 Westville St., Dorchester, Mass.
Davis, Myron Mathews, A Ø		VIS	18 Summer St., Augusta, Me.
Davis, Rae Willard, A.B.		VI	913 E. Kemp Ave., Watertown, S. D.
Davis, Walter Swindell		IV	802 N. Carrollton Ave., Baltimore, Md.
Davis, Waiter Swinden	09	VI	129 Appleton St., Arlington Hts., Mass.
Day, Sidney Logan		IV	Frederick Bldg., Huntington, W. Va.
Dean, Arnold Truman	08	Ï	78 Winthrop St., Taunton, Mass.
Dean, Armond Frankan	00		to training only knowledge

Name and Society	Class	Course	Home Address
De Araujo, Alberico Bevilaqua	. 11	II S	Brazil.
De Florez, Louis, & F	. 11	II	17 East 11th St., New York City.
DeForest, Alfred Victor	. 11	XIII	7 East 10th St., New York City.
DeForest, Norman, X Ø	. 11	III	Sanford, Fla.
De Garay, Enrique	. 10	IS	Colonia Imparcial Facuba D. F. Mexico, Mexico.
Dempwolf, Frederick Germain, B.S., θ 5	G	IV	701 So. George St., York, Pa.
Denison, Orville Boardman	11	VI	26 Pearl St., So. Framingham, Mass.
Dennedy, James Howard, 4 r	. 08	II	78 Pitcher St., Detroit, Mich.
Dennett, Kingsley Winsor	10	II	166 Bellevue St., West Roxbury, Mass.
Dennett, Minot Savage	. 11	II S	27 St. Stephen St., Boston, Mass.
Denny, Maurice Edward, X Ø	08	XIII	Cardross Park, Cardross, Scotland.
De Romana, Albert Lopez	10	VI	Arequipa, Peru, South America.
Devlin, John Joseph	11	III S	35 Parsons St., Brighton, Mass.
Dewey, Bradley, A.B.	. 09	X	27 Everett St., Cambridge, Mass.
Dewey, Frederick Archibald, A Ø	09	II	1700 Broadway, New York City.
DeWitt, Ernest William	11	II	Osterville, Mass.
Dexter, Gregory Mumford	. 08	I	14 East Manning St., Providence, R. I.
Dickerman, Alton Leslie, Jr., 4 K E	. 09	III	814 N. Tejon St., Colorado Springs, Colo.
Dickie, John Frederick		III S	226 Windsor St., Cambridge, Mass.
Dickinson, James Walter, ΣX	09	IS	370 Prior Ave., St. Paul, Minn.
Dickinson, Leon Arthur	. 08	III S	9 Richdale Ave., Somerville, Mass.
Dillon, Peter Lawrence	10	VIS	17 Thornley St., Dorchester, Mass.
Dillon, Robert Emmett	10	II	Belchertown, Mass.
Doane, Robert Edward, B.S	09	VI	404 Hoffman St., Elmira, N. Y.
Doane, Walter Long	11	I	107 Lexington St., East Boston, Mass.
Doble, Charles French, 4 F	10	II S	24 South St., Quincy, Mass.
Doble, Ralph Nelson	11	II S	24 South St., Quincy, Mass.
Dodge, Robert Lincoln	10	VI	Wenham, Mass.
Dolke, Frank Clinton	11	VI	105 Gainsboro St., Boston, Mass.
Dolke, William Fredric, Jr	08	IV	105 Gainsboro St., Boston, Mass.
Dolliver, Henry Francis	11	I	33 Clinton St., So. Framingham, Mass.
Dort, Joseph Cummings	09	I	129 Marlborough St., Boston, Mass.
Douglass, Arthur Sylvester, $\Phi N \theta$	08	I	164 Harvard St., Brookline, Mass.
Dow, Benjamin Warren, $\emptyset K \Sigma$	09	II	7 Standish St., Dorchester, Mass.
Dow, Clarence Willard	11	II S	Braintree, Mass.
Dow, Leander Allen, $\Lambda T \Omega$	10	IV	Spokane, Wash.
Downs, Loren Noxen, Jr		VI	33 Clarendon St., Boston, Mass.
Dows, Chester Lawrence	11	VI	339 Walker St., Lowell, Mass.
Drake, Raymond Edward	08	V	75 Glenwood Ave., Brockton, Mass.
Draper, Clifton Nathan, AT Q	G	V	108 River Ave., Norwich, Conn.
Draper, Harry Reed	08	IS	Ayer, Mass.
Dresser, Theodore Parker, Jr	11	**	99 Franklin St., Allston, Mass.
Drew, William Noel	10	X	201 Magnolia St., Roxbury, Mass.
Druley, Waldo Putnam	G	XIII A	Belpre, Ohio.
Dubois, Gustava Adolfo	08	I	Constitucion 22, Matanzas, Cuba.
Dudley, Carl Chester	11	IS	63 Highland Ave., Cambridge, Mass.
Duffield, William Howard, $\Sigma A E \dots$	11	II S	160 Aberdeen Ave., Hamilton, Ont.
Duffy, James Francis	11	VI	8 Mather St., Dorchester, Mass.
Dun, Henry Walke, Jr., AT	08		174 Chestnut St., Albany, N. Y.
Dunkel, Charles Alexander	09		14 Cohasset St., Roslindale, Mass.
Dunlap, Chester Dwight	10		40 Summer St., Everett, Mass.
Dunnington, Francis Howison	09	VI	University Station, Charlottesville, Va.

Name and Society Cla	ss Course	Home Address
***************************************	1	102 Cumberland St., Portland, Me.
	-	157 Mt. Auburn St., Cambridge, Mass.
Durgin, Matthew Francis	1000	Burlington, Iowa.
Dyer, Brainerd, A.B 0	9 V S	656 Congress St., Portland, Me.
Dyer, Sterling Burton	o II S	Cape Elizabeth, Me.
Dyer, Sterning Durton		
		39 Lincoln St., So. Framingham, Mass.
Eames, Herbert Seton 0	-	632 Woodbine Ave., Oak Park, Ill.
	0 XIII 1 XIII	Calais, Me.
Linton, Carreton III.	1 XIII 9 XI	62 Taylor St., Waltham, Mass.
	9 II S	40 Appleton St., Waltham, Mass.
Landonia trossecia academica	i II S	Chiquis 7, Mexico City, Mexico.
Eddy, Lloyd Champlin, Ph.B 0	9 VI S	250 Lockwood St., Providence, R. I.
Edge, Alan Francis	9 V	79 Milton St., Readville, Mass.
Large, Main Archies)8 II	156 Woodland St., Lawrence, Mass.
Edwards, Charles, Jr., Ø B E 1	11 XIII	331 Park Ave., Paterson, N. J.
Egan, Raymond Wesley 1	10 II S	Edgecliff Road, Cincinnati, Ohio.
Elbert John Jacob, X 0	09 X S	1030 21st St., Des Moines, Iowa.
Elder, Flint Cummings, AT Q	07 V S	52 Maple St., Malden, Mass.
Elder, Gordon Wyman	11 V S	52 Maple St., Malden, Mass.
Eldred, Calvin Powell	11 VI S	105 18th St., Lowell, Mass.
Lillio, Licolic Artificial	08 I	34 Essex St., Melrose, Mass.
	09 VIII	120 Regent Road, Leicester, England.
	08 III S	Peterborough, N. H. 105 King St., Dorchester, Mass.
	WW 59	South Weymouth, Mass.
	10 X S 08 IV S	64 Milton Ave., Hyde Park, Mass.
	09 XI	75 Concord St., Haverhill, Mass.
	10 X S	40 Irving Ave., Providence, R. I.
Efferson, George Stone	ii III	47 Walk Hill St., Jamaica Plain, Mass.
	08 V	101 Evans St., Dorchester, Mass.
Estes, George Henry	11 II	18 Laurel Ave., Auburn, Me.
Listes, Cresige Arean J	II II S	Grand Island, Neb.
Evans, Frederick James	11 XI S	98 Old Harbor St., So. Boston, Mass.
Evans, Owen David, A.B.	10 V S	55 Brooksdale Road, Brighton, Mass.
Everett, Wilbur	09 VI	Georgetown, Mass.
Everett, William Dexter	10 III	8 Allston St., Dorchester, Mass.
Ewing, Charles Goodman, A.B	08 III S	3517 Pine St., St. Louis, Mo.
Fabens, Andrew Lawrie	10 II	311 Essex St., Salem, Mass.
Fales, Helen Lillian	10 V	5 Beech St., So. Framingham, Mass.
Fanning, Paul Revere, Z X	08 III S	Denver, Colo.
Faulkner, Frederick Richardson, A.B.	09 I	Sackville, New Brunswick.
Faunce, Kenneth Winslow	11 VI	119 Bellevue St., West Roxbury, Mass.
Faxon, Harold Cushing	08 II	28 Main St., Randolph, Mass.
Fay, Thornwell, Jr., B.S.	08 X S	1507 Rusk Ave., Houston, Texas.
Fellows, Raymond Henry	09 IS	32 Pleasant St., Concord, N. H.
	09 II S	34 Crandall St., Adams, Mass.
	09 III S 11 VI S	
I CHRESCE, A LOSSON, LAND.	11 VI S 10 X	33 Robinson St., Somerville, Mass.
Fernandez, Richard Osborne	10 A	ov and many country and an and

Name and Society	Class	Course	Home Address
Fernstrom, Karl Dickson, θ Δ X	10	XIII	315 Raleigh Ave., Norfolk, Va.
Ferris, Raymond West, X Ø	08	I	Waban, Mass.
Fick, Wilhelm Georg	09	II	7459 Maple Boulevard, St. Louis, Mo.
Finnie, James Irving	09	VI	240 Chestnut St., Clinton, Mass.
Firmin, John Clingan, Φ Γ Δ	11	IV S	1438 Harvard St., N. W., Washington,
Service of the servic			D. C.
Fisher, Howard Colburn	09	II	High St., Westwood, Mass.
Fitch, Edwin Oberlin, Jr	09	XIII A	Beach Bluff, Mass.
Fitzherbert, Leroy George	11	XI	16 Oxford St., Somerville, Mass.
Fitzwater, John Moxcey	10	I	213 Sheppard St., Penn Yan, N. Y.
Flagg, Montague, & F	09	IV	90 Washington St., Hartford, Conn.
Flaherty, Hubert William, θX	08	IS	Cheshire, Mass.
Fleming, Paul Reed, 9 4 X	10	IS	Natick, Mass.
Fletcher, Charles Barrows, ΦΣ K	10	II S	2825 N. Meridian St., Indianapolis, Ind.
Fletcher, Herbert Lawrence	08	VI S	57 Abbott St., Lawrence, Mass.
Fletcher, Matthews, $\Phi \Sigma K \dots$	09	II	2825 Meridian St., Indianapolis, Ind.
Foley, Peter Leo	10	IV S	35 Calumet St., Roxbury, Mass.
Follansbee, Everett Merrill Hatch	09	XS	20 Summit Place, Newburyport, Mass.
Folsom, Rufus Coffin, A.B., 4 T 4	08	X	30 Esmond St., Dorchester, Mass.
Folsom, William Cumner	08	XI	95 Sewall Woods Road, Melrose Hlds.,
The state of the	- 10	*	Mass.
Foote, Arthur John	10	IVC	564 Elm St., Pittsfield, Mass.
Ford, Chester Cook	09	IV S	255 Emerson St., So. Boston, Mass.
Ford, Winthrop Drew	08	II	Kingston, Mass.
Forrest, Laurence Raymond	09	X	90 Henry Ave., Lynn, Mass.
Forristall, George Bashford	11		1553 Beacon St., Brookline, Mass.
Fortune, William Eugene	09	III S	912 Parker St., Roxbury, Mass.
Foss, Marion Henry, & T	10	IIS	4625 Lake Ave., Chicago. Ashby, Mass.
Foster, Carl Elmer	10	III S	North Calais, Vt.
Foster, Harold Francis	09	XI	56 Curtis St., West Somerville, Mass.
Foster, William Dewey	11	IV	317 Main St., Springfield, Mass.
Fottler, Jacob Alger	08	VI	62 Alden St., Montello, Mass.
Francis, Russell Dean	11	VII S	186 Commonwealth Ave., Boston, Mass.
Francis, Stafford Allen, 4 r	11	IV S	84 Court St., Exeter, N. H.
Frazier, Donald Nichols	11	and the same of th	29 Greystone Park, Lynn Mass.
Freed, Charles	09	I	88 Willow St., Cambridge, Mass.
French, Donald Adams	10	IV S	172 Fairmount Ave., Hyde Park, Mass.
French, Louis Osborne, & T &	10	II	1216 Grand Ave., Milwaukee, Wis.
Fretz, Paul Henry	G	XIII A	Navy Dept., Washington, D. C.
Frey, Victor Max, A.B	08	III	133 N. Beaver St., York, Pa.
Friedman, Ferdinand J	08	II	18 East 92d St., New York City.
Frost, Harwood Young, P B E	09	II S	237 Beacon St., Boston, Mass.
Frost, Raymond Williams	11	IS	2045 W. Market St., Pottsville, Pa.
Fryer, Herbert	11	VI	28 Washington St., Stoneham, Mass.
Fuller, Bernard Roy	09	I	547 Riverside Ave., New York City.
Fuller, Floid Merrill, B.S.	08	VIS	920 Electric St., Scranton, Pa.
Fuller, Joseph Cheever, 4 K E	11	П	22 Shaw St., West Newton, Mass.
Cally Com Mall Di D	00	77.0	FIL College Ct. Marine Oliv
Gadsby, George Madill, Ph.B.	09	V S VI	511 College St., Marietta, Ohio.
Gaillard, David Saint Pierre Gale, Roger David, B.S.	G	V	Culebra, Canal Zone, Panama. 6 Franklin Sq., Gloucester, Mass.
Gaic, Roger David, D.S	a		o krankim oq., Gioucester, Mass.

Name and Society	Class	Course	Home Address
Gallagher, James Thomas	08	II	79 Lancaster St., Leominster, Mass.
Gallegos, Ramon	12.27	IV	Guayaquil, Ecuador.
Gammons, Clifford Warren		VIS	1290 Washington St., W. Newton, Mass.
		III S	28 Highland Park Ave., Roxbury, Mass.
Gannon, James Joseph Aloysius		IS	
Garcia, Francisco, C.E		II S	
Gardner, Albert Lester		X	Kingston, Mass.
Gardner, Arthur Livermore, Ø Г 4	08		86 Pleasant St., Wakefield, Mass.
Garnsey, George Taylor	11	VS	Gloversville, N. Y.
Gawne, James Orville	09	XIII A	Fredonia, N. Y.
Gaylord, John Clarence, B.S	08	VIS	146 Terrace Drive, Pasadena, Cal.
Gaynor, Keyes Christopher, & T &		IS	Sioux City, Iowa.
Geary, Leslie Edward		XIII S	1960 West 9th Ave., Seattle, Wash.
Gegenheimer, Ralph Edwin	10	V	243 Bruce St., Lawrence, Mass.
Genoud, Ernest George	08	V	849 Blue Hill Ave., Dorchester, Mass.
George, Gardner Clifford	11	I	697 Salem St., So. Groveland, Mass.
Gerity, Heath Scott		IV S	1928 East 14th Ave., Denver, Colo.
Gerrish, Herbert Thurston, A	08	I	20 Farwell St., Melrose, Mass.
Gershberg, Joseph		VI	Baku, Russia.
Gianella, John, Jr	08	X	608 Fifth St., Brooklyn, N. Y.
Gibbons, Charles Alphonsus, Jr., 4 2 0	08	III	33 Plain St., Taunton, Mass.
Gibbs, Daniel Wilson		IV	51 Harris St., Waltham, Mass.
Gidley, Henry Tucker	09	IS	North Dartmouth, Mass.
Gilbert, Royce Wheeler, ΣAE		XI	78 Westland Ave., Boston, Mass.
Giles, Donald McFarlan	11	III	22 Academy St., Amsterdam, N. Y.
		Ĩ	Walla Walla, Wash.
Gillis, Ridgway Mills, A.B Gilkison, Gordon Mercer, $\Sigma A E$			802 W. Genesee St., Syracuse, N. Y.
		п	20 Glebe St., Leicester, England.
Gimson, Basil Lovibond, & B.E	- 10.00		1403 Colorado St., Austin, Texas.
Given, James Arthur	22	VI	
Glancy, Robert Clifford			Waltham, Mass.
Glazier, Arthur Franklin, $\theta \land X$	11	XS	25 Bainbridge St., Roxbury, Mass.
Glazier, Harold Metcalf	09	IV	12 Lincoln St., Hudson, Mass.
Glazier, Leslie Gordon	11	I	772 Washington St., Brookline, Mass.
Glover, George Thummel, 4 F	08	II	Grand Island, Neb.
Goicoechea, Luciano	11	VI	Apartado 475, Havana, Cuba.
Golden, Louis Robert		VI	11 Wolcott St., Dorchester, Mass.
Goldenberg, Edward Benjamin		IS	391 Meridian St., East Boston, Mass.
Goodhue, William Winfred	11		Ipswich, Mass.
Goodman, Lynn Sumner, Ph.B. Σ A E .	08	VI	Loganton, Pa.
Goodnow, Frank Edward, $\theta X \dots$		VI	Dover, N. H.
Goodspeed, George Edward, Jr	10		27 Conway St., Roslindale, Mass.
Goodwin, Edwin Weeks	11	VI	Box 47, South Berwick, Me.
Goodwin, Richard Frederic, Jr., AT Q.	10	III	26 Newbury St., Boston, Mass.
Goomrigian, Bedros Martyras		VS	Armenia.
Gordon, Louis Simon	09	III S	27 Harvard St., Dorchester, Mass.
Gordon, William Stuart, Jr. C.E. & K E	09	IIS	St. Francis Court, 135th St., New York
			City.
Gott, Herbert Sidney	10	VI S	75 Brighton St., Seacombe, Cheshire,
C II III II ADE	10	VI	England.
Gould, Allen Adams, $\Phi B E \dots$	10	VI	Newton Upper Falls, Mass.
Gould, Richard Hartshorn, $\Phi B E$	11	XI	1206 Boylston St., Newton Upper Falls, Mass.
Gram, Carl William, & T &	09	X	20 Kemper St., Wollaston, Mass.
Gray, George Harrison	09	VI	159 Pleasant St., Arlington, Mass.

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Name and Society		Class	Course	Home Address
Greely, Leslie William		10	I.S	Muncie, Ind.
Green, Charles Edward	25.	10	II	
Come Post Market AV				42 Parkman St., Dorchester, Mass.
Green, Fred Mortimer, 4 T	100	09	VI	488 Watertown St., Newtonville, Mass.
Green, William Duncan		09	I	72 Macon St., Brooklyn, N. Y.
Greene, Elbert Daniel, ATQ		10	VI	5 Pitkin Place, Pueblo, Colo.
Greenleaf, Cuthbert Tibbetts, 4 T 4 .	121	11	II	
Greenland Vanuath	-			15 Duncklee Ave., Stoneham, Mass.
Greenleaf, Kenneth	1	11	VI S	Savanna, Ill.
Gregory, Newman Ballard, θ Δ X		09	III S	802 Wall St., Joplin, Mo.
Griffin, Wheaton Ira, A K E		08	I	3 West St., Utica, N. Y.
Grimes, William Francis, Jr		10	VI S	Belmont, Mass.
		08	T	
Griswold, Harold Wiley, AT 2		200	TITY O	95 Huntington St., Hartford, Conn.
Groff, James Stephen	1	09	VII S	18 Meeting St., Newport, R. I.
Grossmann, Marcus Aurelius	1	11	III	236 Custer Ave., Youngstown, Ohio.
Grübnau, Victor Carl, AT 2		09	III	Wyncote, Montgomery Co., Pa.
Grunsky, Eugene L., ATQ	50	09	IS	45 N. Fulleston Ann. Montal in N. T.
				45 N. Fullerton Ave., Montelair, N. J.
Guilford, Irving Morse	4	08	II	West Cheshire, Conn.
Gurney, Harold Peaslee		08	X	196 Trenton St., East Boston, Mass.
Guthrie, Seymour Ashley		10	III	Riverside, Ill.
				anteronac, and
Hom Tuled Printing Cold 0.7		na	TT.O	
Haas, Ludwig Friedrick Carl, $\theta \Xi$.		09	II S	41 E. Orange St., Lancaster, Pa.
Hadji Savva, Achilles, A.B.	4.	10	IS	Baffra, Turkey in Asia.
Hagood Lee BS		08	VI	clo War Dept., Washington, D. C.
Hague, Alfred, Φ K Σ		10	II S	52 East 66th St., New York City.
Haines, Thomas Henry		11	II S	10 A.L. A. C. T. J. J. M.
II-1. II				18 Ashmont St., Dorchester, Mass.
Hale, Henry Appleton, Jr.	4	10	II	24 Winter St., Salem, Mass.
Hale, James Ellis	-	08	II	112 Oak St., Manchester, N. H.
Hale, Joseph Woodwell Ledwidge	-18	08	VI	20 Marlborough St., Newburyport, Mass.
Hale, Philip Jewett		08	Ĩ	1499 Downing Ave. Doorer Cole
Hall Coul Alba	10			1433 Downing Ave., Denver, Colo.
Hall, Carl Albe		08	II	Concord, N. H.
Hall, Edward Russell	10	11	II	1 Davis St., Wollaston, Mass.
Hall, Edwin Rymes		08	II	182 Summer St., Somerville, Mass.
Hall, Malcolm Bridges, $\theta \Xi$		11	IS	141 Lexington St., Waverley, Mass.
Hallett, Alton Sears, Jr.		11		Hyannis, Mass.
Hallott Harold Maurice 4 V &			VIT O	
Hallett, Harold Maurice, & D		11	VI S	62 Kenwood St., Dorchester, Mass.
Hallett, Lucius Felt, X Ø		08	VIS	900 Logan Ave., Denver, Colo.
Hamilton, Earl Russell		09	VIII S	925 South St., Roslindale, Mass.
Hammond, Benjamin		10	III S	550 Phœnix, Bldg., Butte, Mont.
Hammond, James Clement	100	09	III	9 So Fairnian Ct D. P. L. M.
Hammond, Sames Cicinett	*			3 So. Fairview St., Roslindale, Mass.
Hammond, Nelson Simpson	416	08	III	Butte, Mont.
Hammond, Newton Le Roy, 120.		08	1	195 Lowell Ave., Newtonville, Mass.
Hampton, Lawrence Charles		07	III S	Hollywood, Cal.
Hanna, Elias Samman		09		Tanta, Egypt.
Hanson Caul Froil A B	53	08	II	
Hanson, Carl Emil, A.B.	200			Marquette, Kan.
Harcourt, Guy Nichols, Φ Σ K		10	1.	Wappingers Falls, N. Y.
Harding, Arthur Leslie		10	VI	Medfield, Mass.
Hargraves, William Burton	2	10	III	7 Eliot Place, Jamaica Plain, Mass.
Harrigan, Louis Jeremiah		11	II	90 Partoul St. Downley Mass.
Harriman David Possel	*			20 Rantoul St., Beverly, Mass.
Harriman, Daniel Francis.		09	XIII S	West Boxford, Mass.
Harrington, Charles Anthony, X Ø		08	XIII A	583 Plymouth Ave., Fall River, Mass.
Harrington, Charles Henry		11	I	109 Inman St., Cambridge, Mass.
Harrington, Joseph Francis		11	VI	Neponset St., Canton Jet., Mass.
Harrington, Walton George		10	VII	Larehment N V
zamington, tranon George	971	10	* 4.4	Larchmont, N. Y.

Harris, Maurice Ernest 10 1 S 62 Lincoln St., Lowell, Mass. Harris, Maurice Mass. Harris, Maurice Mass. Harris, Maurice Mass. Harrison, Henry Norris, J Y 11 XI S 8 1028 Locust St., Philadelphia, Pa. Hympton, Mass. Hart, Philip, θ B E 10 11 XI S 8028 Locust St., Philadelphia, Pa. Hympton, Mass. Harthorn, Derick Sibley 09 11 S 78 Magnolia St., Dorchester, Mass. Hartshorn, Derick Sibley 09 11 S 78 Magnolia St., Dorchester, Mass. Hartshorn, Stanford Harding 11 X 13 Reservoir St., Gardner, Mass. Hartshorn, Stanford Harding 11 X 14 Reservoir St., Gardner, Mass. Haskell, Robert Francis 08 IV S Claremont, N. H. Haskell, Robert Francis 08 IV S Claremont, N. H. Hathaway, Joseph Wood 19 VI Hattch, Samuel Frink 08 II Hatthaway, Joseph Wood 19 VI Hawes, Henry Gordon, Jr., A.B. θ B B 10 VI S Santa Barbara, Cal. Washings, Milton Ernet 11 IV S 7 Kilton St., Taunton, Mass. Hazen, Howard S., Jr., B.S. 08 IV S Hayens, Milton Ernet 11 IV S 7 Kilton St., Taunton, Mass. 19 South Easton, Mass. 19 Hazen, Howard S., Jr., B.S. 08 IV S Mables St., New Britain, Conn. Washings, Mass. 19 South Easton,	Name and Society	Class	Course	Home Address
Harrison, Henry Norris, JT 11 M S 998 Locust St., Philadelphia, Pa. Harrub, Calvin Nelson 09 M Hart, Philip, θ B E 10 II Hartman, Ira Samuel 10 VI S 82 Palmer Place, Nasiville, Tenn. Hartshorn, Derick Sibley 09 II S 78 Magnolia St., Dorchester, Mass. 15 Roservoir St., Gardner, Mass. 16 Roservoir St., Gardner, Mass. 17 Roservoir Mass. 18 Roservoir St., Gardner, Mass. 18 Roservoir St., Gardner, Mass. 19 Roservoir	Harris, Maurice Ernest	10	IS	62 Lincoln St., Lowell, Mass.
Harrison, Henry Norris, JT 11 M S 998 Locust St., Philadelphia, Pa. Harrub, Calvin Nelson 09 M Hart, Philip, θ B E 10 II Hartman, Ira Samuel 10 VI S 82 Palmer Place, Nasiville, Tenn. Hartshorn, Derick Sibley 09 II S 78 Magnolia St., Dorchester, Mass. 15 Roservoir St., Gardner, Mass. 16 Roservoir St., Gardner, Mass. 17 Roservoir Mass. 18 Roservoir St., Gardner, Mass. 18 Roservoir St., Gardner, Mass. 19 Roservoir	Harris, Phillip Thomas, $\Sigma A E$	10	TV	
Harrub, Calvin Nelson	Harrison, Henry Norris, J Y	11	XI S	
Hart, Philip, Φ B E	Harrub, Calvin Nelson	09		
Hartman, Ira Samuel				
Hartshorn, Derick Sibley				
Hartshorn, Stanford Harding Harvey, Edward Kitson, A.B. 10 I Harwood, Julian Herbert Hunter 08 I Haskell, Robert Francis 08 IV Hasham, Robert Thomas 11 X Hastings, Russell, $\phi \Gamma I I$ 09 VI S Walpole, N. H. Hathaway, Joseph Wood 09 VI Havens, Harry Lucas, $\phi B E$ 09 VI S Walpole, N. H. Greenland, N. H. Middleboro, Mass. 11 VS Claremont, N. H. Hathaway, Joseph Wood 19 VI Haynes, George Alison 19 VI Haynes, George Alison 19 VI Haynes, George Alison 10 VI Hazen, Howard S. Jr., B.S. 08 IV S South Easton, Mass. 14 Wester Mass. 11 VS South Easton, Mass. 12 VS South Ea				
Harvey, Edward Kitson, A.B. Harwood, Julian Herbert Hunter Haskell, Robert Francis Haskell, Robert Francis Haslam, Robert Thomas Hastings, Russell, $\theta \Gamma J$ Hatch, Samuel Frink Hathaway, Joseph Wood Hatton, John Matthews, $X \Phi$ Hatton, John Matthews, $X \Phi$ Hatton, John Matthews, $X \Phi$ Havens, Harry Lucas, $\Phi B E$ Hayes, Matthew Cowden, B.S. $\Phi B E$ Hay				
Harwood, Julian Herbert Hunter Haskell, Robert Francis Haskell, Robert Trancis Hastings, Russell, $\phi T J$ Hath Mathaway, Joseph Wood Hatton, John Matthews, $X \phi$ Hatton, John Matthews, $X \phi$ Havens, Harry Lucas, $\phi B E$ Hayes, Matthew Cowden, B.S. $\phi B E$ Hayman, Milton Ernest Hayman, Mass. Hayman, Milton Ernest Hayman, Milton				
Haskell, Robert Francis Haslam, Robert Thomas 11 X Hastings, Russell, $\theta T J$ 09 Hatch, Samuel Frink 08 Hathaway, Joseph Wood Hatton, John Matthews, $I \theta$ Hatch, Samuel Frink 08 Hathaway, Joseph Wood Hatton, John Matthews, $I \theta$ Haven, Henry Gordon, Jr , $A.B. \theta B E$ Hayes, Matthew Cowden, $B.S. \theta B E$ Hayes, Matthew Cowden, $B.S. \theta B E$ Hayman, Milton Ernest 11 Hayman, Milton Ernest 11 Haynes, Delos Garriott Haynes, George Allison Haynes, George Allison Haynes, George Allison Haynes, George Allison Haynes, Goy Haynes, Delos Garriott Haynes, Mathew Cowden, B.S. θE Hy S. H. Santa Barbara, Cal. VI S. Santa Barbara, Cal. VI S. Atklen St., Des Moines, Iwas. VI S. Santa Barbara, Cal. VI S. Atklen St., Des Moines, Deva. VI S. Santa Barbara, Cal. VI S. Atklen St., Des Moines, Deva. VI S. Santa Barbara, Cal. VI S. Atklen St., Des Moines, Deva. VI S. Santa Barbara, Cal. VI S. Santa Barbara, Cal. VI S. Atklen St., Des Moines, Deva. VI S. Santa Barbara, Cal. VI S.				
Haslam, Robert Thomas11X Hastings, Russell, $Φ Γ Δ$ 10 VI SWalpole, N. H. Greenland, N. H. Middleboro, Mass. Hatton, John Matthews, $XΦ$ Hawens, Harry Lucas, $ΦBE$ Hayes, Matthew Cowden, B.S. $ΦBE$ Hayes, Matthew Cowden, B.S. $ΦBE$ Hayes, Delos Garriott Haynes, George Allison Hazen, Howard S., Jr., B.S. Hearl, Kombol Matthews I. $Φ$ Hazen, Howard S., Jr., B.S. Hearl, Early Lord Barbons, All Hearly, Leon James Dyson Hearl, Frank Chisholm Hearl, Arnold Winchester Heidelberg, Frederick Martin Heiman, William Roy, $ΦBE$ Heimer, Paul Harold Hemmenway, Lawrence Todd11 VI SHamer Mark Hennen, Robert David Hennen, Robert David Herrick, Ralph Crosby, B.S. Hersey, Hardyn Algernon Sidney DeWolf Herrick, Ralph Crosby, B.S. Hersey, Mayo Dyer, A.B. Hersey, Mayo Dyer, A.B. Heldon, Joseph Kentigern, $ΣAE$ Heideld, Clifford Chase, $ΦΓΔ$ Helpfold, Charles William Frankin Herdyn, Joseph Kentigern, $ΣAE$ Helpfold, Charles Wingbard William Frankin Herwon, Joseph Kentigern, $ΣAE$ Helpfold, Charles Wingbard William Frankin Helpfold, Charles William Frankin Herwon, Joseph Kentigern, $ΣAE$ Helpfold, Charles William Frankin Helpfold, Charles William Frankin Herwon, Joseph Kentigern, $ΣAE$ William Frankin Helpfold, Charles William Frankin Herwon, Joseph Kentigern, $ΣAE$ William Frankin William Frankin William Frankin Wi				
Hastings, Russell, $\theta \cap A$ 09 VI S Walpole, N. H. Hathaway, Joseph Wood 09 VI Hatton, John Matthews, $X \circ \emptyset$ 08 IV S 954 West 16th St., Des Moines, Iowa. Havens, Harry Lucas, $\phi \cap B = \emptyset$ 10 VI S Santa Barbara, Cal. Hayes, Matthew Cowden, B.S. $\phi \cap B = \emptyset$ 11 VI S Santa Barbara, Cal. Hayes, Matthew Cowden, B.S. $\phi \cap B = \emptyset$ 11 VI S Santa Barbara, Cal. VI S Lewisburg, Pa. Hayman, Milton Ernest 11 VS 7 Kilton St., Taunton, Mass. 424 Brighton Place, East St. Louis, Mo. Haynes, George Allison 09 VI Haverhill, Mass. Haverhill, Mass. Nearly Brighton Place, East St. Louis, Mo. Hayward, Roy Loring 10 IS South Easton, Mass. 424 Brighton Place, East St. Louis, Mo. Hayward, Roy Loring 10 IS South Easton, Mass. 424 Brighton Place, East St. Louis, Mo. Hayward, Roy Loring 10 IS South Easton, Mass. 424 Brighton Place, East St. Louis, Mo. Haverhill, Mass. 424 Brighton Place, East St. Louis, Mo. Haverhill, Mass. 424 Brighton Place, East St. Louis, Mo. Haverhill, Mass. 424 Brighton Place, East St. Louis, Mo. Haverhill, Mass. 424 Brighton Place, East St. Louis, Mo. Haverhill, Mass. 424 Brighton Place, East St. Louis, Mo. 425 Brighton Place, East St. Louis, Mo. 425 Brig				
Hatch, Samuel Frink Hathaway, Joseph Wood Hatton, John Matthews, $X \phi$ Hatton, John Matthews, $X \phi$ Havens, Harry Lucas, $\phi B E$ Hayes, Marty Lucas, $\phi B E$ Hayes, Matthew Cowden, B.S. $\phi B E E E$ Hayes, Matthew Cowden, B.S. $\phi B E E E$ Hayes, Matthew Cowden, B.S. $\phi B E E E$ Hayes, Matthew Cowden, B.S. $\phi B E E E E$ Hayes, Matthew Cowden, B.S. $\phi B E E E E$ Hayes, Matthew Cowden, B.S. $\phi B E E E E$ Hayes, Matthew Cowden, B.S. $\phi B E E E E$ Hayes, Matthew Cowden, B.S. $\phi B E E E E$ Hayes, Matthew Cowden, B.S. $\phi B E E E$				
Hathaway, Joseph Wood	Hatch Samuel Frink			
Hatton, John Matthews, $X \phi$	Hathaway Loseph Wood	00		
Havens, Harry Lucas, \emptyset B E	Hatton John Matthews Y Ø	08		
Hawes, Henry Gordon, Jr., A.B. ϕ B E Hayes, Matthew Cowden, B.S. ϕ B E Hayes, Matthew Cowden, B.S. ϕ B E Hayman, Milton Ernest 11 IV S 7 Kilton St., Taunton, Mass. Haymes, Delos Garriott 09 VI S Haverhill, Mass. 424 Brighton Place, East St. Louis, Mo. Haynes, George Allison 09 VI S Haverhill, Mass. Hazen, Howard S., Jr., B.S. 08 IV Hazen, Howard S., Jr., B.S. 09 IV S 329 Maple St., New Britain, Conn. "The Huntington," Kingston, N. Y. 14 Milton Road, Brookline, Mass. Hearth, Arnold Winchester 09 I S 71 Harvard Ave., Allston, Mass. Hedge, Lafayette Boyd 08 III Havend Ave., Allston, Mass. OF Seminarie de Quebec, Quebec, Canada. Citronelle, Ala. Heidelberg, Frederick Martin 09 II Harvard Ave., Houston, Texas. Heiner, Paul Harold 08 III 498 Norfolk St., Mattapan, Mass. Hemmenway, Lawrence Todd 10 IV Hommenway, Lawrence Todd 10 IV Hommenway, Lawrence Todd 10 IV Henderson, Stuart Llewellyn 10 VI Henderson, Stuart Llewellyn 10 VI Henderson, Stuart Llewellyn 10 VI Henderson, Stuart Llewellyn 10 IV Henreshoff, Algernon Sidney DeWolf 11 III S 60 Walley St., Bristol, R. I. 11 S 167 So. Jefferson Ave., W. Hartford, Conn. Herreshoff, Algernon Sidney DeWolf 11 III S 1674 Hennepin Ave., W. Hartford, Conn. Hersey, Mayo Dyer, A.B. 09 III S Mary St., Hunter's Hill, Sydney, Australia Hibbard, Charles 09 XIII S 1674 Hennepin Ave., Minneapolis, Minn. Higbie, Hamilton Alexander, A ϕ 10 VIII S Hillview, Jamaica, New York City.	Havens Harry Lucas @ B F	00		
Hayes, Matthew Cowden, B.S. θ B E Hayman, Milton Ernest 11 IV S 7 Kilton St., Taunton, Mass. VI S Lewisburg, Pa. Type S 7 Kilton St., Taunton, Mass. VI S Hayners, Delos Garriott 09 VI S Haverhill, Mass. Hayners, George Allison 09 VI S Haverhill, Mass. Hayerd, Roy Loring 10 I S South Easton, Mass. La Salle, III Halliton Road, Brookline, Mass. WIII Hard, Frank Chisholm 10 III Harliton, Kingston, N. Y. Heard, Frank Chisholm 10 III Harliton Road, Brookline, Mass. Heath, Arnold Winchester 09 II Harvard Ave, Allston, Mass. Hebert, Albert Charles Réal, A.B. 09 V S Séminarie de Quebec, Quebec, Canada. Chedge, Lafayette Boyd 08 VI Cironelle, Ala. Heidelberg, Frederick Martin 09 III Harlinan, William Roy, θ B E 08 II Harvard Ave, Houston, Texas. Heilman, William Roy, θ B E 08 II Harvard Ave, Allston, Mass. Hemmenway, Lawrence Todd 10 VI Harlinan, William Roy, θ B E 08 II Harvard Ave, Allatapana, Mass. Hemmenway, Lawrence Todd 10 VI Harvard Ave, Allatapana, Mass. Henderson, Stuart Llewellyn 10 Henius, Emil Theodore, d Σ θ 09 V S 2576 Magnolia Ave., Edgewater, Chicago, III. Herrick, William Franklin 11 II S 26 VI S Harvard Ave, Minneapolis, Minn. Hersey, Mayo Dyer, A.B. 09 II S Haverhill, Mass. 47 Haverhill, Mass. 47 Haverhill, Mass. 48 Hoverhill, Mass. 48 Haverhill, Mass. 49 Haverhill, Mass. 49 Seminarie de Quebec, Canada. Cironelle, Ala. 49 Korfolk St., Mattapan, Mass. 49 Norfolk St., Mattapan, Mass. 49 Norfolk St., Wattapan, Mass. 49 Direct St., Dorchester, Mass. 49 Direct St., Dorchester, Mass. 49 Harvard Ave, Allanda Ave., Edgewater, Chicago, III. 40 Norgantown, W. Va. 51 Herrick St., Winchester, Mass. 49 Fern St., Auburndale, Mass. 41 Horrick, Ralph Crosby, B.S. 99 Harvard St., Lynn, Mass. 41 Harvard Ave., Minneapolis, Minn. 41 Higbie, Hamilton Alexander, d 9 VIII S Hilbidew, Jamaica, New York City.				
Hayman, Milton Ernest11IV S7 Kilton Št., Taunton, Mass.Haynes, Delos Garriott09VI424 Brighton Place, East St. Louis, Mo.Haynes, George Allison09VII SHaverhill, Mass.Hayward, Roy Loring10I SSouth Easton, Mass.Hazen, Howard S., Jr., B.S.08IVLa Salle, III.Healy, Leon James Dyson09VS232 Maple St., New Britain, Conn.Heard, Edmund Francis08XIII"The Huntington," Kingston, N. Y.Heard, Frank Chisholm10IIIHillon Road, Brookline, Mass.Heard, Armold Winchester09I S71 Harvard Ave., Allston, Mass.Heath, Armold Winchester09I S71 Harvard Ave., Allston, Mass.Hedge, Lafayette Boyd08VI1417 Pease Ave., Houston, Texas.Heidelberg, Frederick Martin09II1417 Pease Ave., Houston, Texas.Heimer, Paul Harold08III498 Norfolk St., Mattapan, Mass.Hemmenway, Lawrence Todd10VI498 Norfolk St., Mattapan, Mass.Henderson, Austin Brown09I498 Norfolk St., Dorchester, Mass.Hennen, Robert David08IMorgantown, W. Va.Herlihy, John Albert11II53 Howard St., Lynn, Mass.Herlick, William Franklin11II49 Fern St., Auburndale, Mass.Herrick, Ralph Crosby, B.S.09VIS5 Herrick St., Winchester, Mass.Hersey, Ira Grover, Jr.09ISHingham, Mass.Hersey, Ira Grover, Jr.				
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Hedge, Lafayette Boyd Heidelberg, Frederick Martin Heilman, William Roy, $ΦBE$ 08 II Heimar, Paul Harold Heimer, Paul Harold Hemmenway, Lawrence Todd Henderson, Austin Brown Henderson, Stuart Llewellyn Henius, Emil Theodore, $ΦE$ 10 Hennen, Robert David Herlihy, John Albert Herold, Armin Ferdinand Herrick, William Franklin Herrick, William Franklin Herrick, Ralph Crosby, B.S Hersey, Ira Grover, Jr Hersey, Mayo Dyer, A.B Held, Clifford Chase, $ΦE$ 10 Heiman, William Roy, $ΦE$ 10 Hell Harold Herrick Harold Hibbard, Charles Hibbard, Charles Hibbard, Charles Hibled, Clifford Chase, $ΦEA$ 10 VIII S Hilliew, Jamaica, New York City.				
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Hemmenway, Lawrence Todd . 10 VI 41 Monadnock St., Upham's Corner, Boston, Mass. Henderson, Austin Brown . 09 I Henderson, Stuart Llewellyn . 10 VI 90 Erie St., Dorchester, Mass. Henius, Emil Theodore, $J Σ Φ$. 09 VS 2576 Magnolia Ave., Edgewater, Chicago, Ill. Hennen, Robert David . 08 I Morgantown, W. Va. Herlihy, John Albert . 11 II 53 Howard St., Lynn, Mass. Herold, Armin Ferdinand . 10 II 3167 So. Jefferson Ave., St. Louis, Mo. Herricshoff, Algernon Sidney DeWolf . 11 XIII S 6 Walley St., Bristol, R. I. Herrick, William Franklin . 11 II 29 Fern St., Auburndale, Mass. Hersey, Ira Grover, Jr 09 I S Hingham, Mass. Hersey, Mayo Dyer, A.B 09 II S Hingham, Mass. Hersey, Mayo Dyer, A.B 09 II S Hingham, Mass. Heydon, Joseph Kentigern, $Σ A E$. 07 VIII S Mary St., Hunter's Hill, Sydney, Australia Hibbard, Charles . 09 XIII S 304 Potter Ave., Providence, R. I. Hield, Clifford Chase, $Φ Γ Δ$. 10 VIII S Hillview, Jamaica, New York City.	Heimer, Paul Harold	08		
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Herrick, Ralph Crosby, B.S			II	
Hersey, Ira Grover, Jr			VI S	
Hersey, Mayo Dyer, A.B			IS	
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Hibbard, Charles	Heydon, Joseph Kentigern, Σ A E	. 07	VIII S	
Hield, Clifford Chase, Φ Γ Δ 10 II S 1674 Hennepin Ave., Minneapolis, Minn. Higbie, Hamilton Alexander, Λ Φ 10 VIII S Hillview, Jamaica, New York City.	Hibbard, Charles	. 09		
Higbie, Hamilton Alexander, A Ø 10 VIII S Hillview, Jamaica, New York City.	Hield, Clifford Chase, P A	. 10		1674 Hennepin Ave., Minneapolis, Minn.
	Higbie, Hamilton Alexander, A			Hillview, Jamaica, New York City.
	Higgins, John Joseph		III S	Melview House, Longford, Ireland.

N	-		
Name and Society	Class	Course	Home Address
Hildebrand, Walter Herbert	11	I	1509 Wolfram St., Chicago, Ill.
Hileman, William	10	XIII S	Buenos Ayres, Argentine Republic.
Hill, Bancroft	11	I	2120 North Charles St., Baltimore, Md.
Hill, Frank Herbert	10	VI	Canton, Mass.
Hilliard, Robert Bell	- 09	XIII A	11 Elmore St., Newton Centre, Mass.
Hinckley, Arthur Thacher	08	V	16 Sherwood St., Roslindale, Mass.
Hobson, Charles Foster, $\Delta T \Delta$	11	X	164 Holyrood Ave., Lowell, Mass.
Hodges, Frank Ernest	10	VI	151 Arlington St., Hyde Park, Mass.
Hodge, George Edward	11	VS	118 Princeton St., East Boston, Mass.
Hodgman, Willis Kennedy, Jr.	11	II	19 Cedar St., Taunton, Mass.
Hodsdon, George Edward	10	III S	16 Chapel St., Gloucester, Mass.
Holbrook, Gordon Godshall	10	XIII S	23 Chamber of Commerce, Minneapolis,
	10	JANE D	Minn.
Holbrook, John Alder	10	VI	West Side Road, Milton, Mass.
Holbrook, Ralph Anthony	11	X	
Hollender, Carl Edwin, A.B.	08	IS	63 Harbor View St., Dorchester, Mass. Brattleboro, Vt.
Hollnagle, Herbert Percival, B.S.	G	VIII	196 Hamilton Ct Dandarton Man
Holmes, Bradford Buttrick, 4 T	07	III	186 Hamilton St., Dorchester, Mass.
Hooker, Francis Brewster, Jr	10	The second of the second	6 Louisburg Square, Boston, Mass.
Hooper, Edward Joseph	10	III S	5 Mountfort St., Boston, Mass.
Hoole, Henry William	09		40 Park St., Stoughton, Mass.
Hopkins, Merton White	11	I	27 Cumberland St., Boston, Mass.
Hopkins, Paul Stanley	10	III s	44 Tennyson St., Somerville, Mass.
Hopkins, Warren Bernard	11	-	Legation St., Peking, China.
Horne, Ralph Warren, $\phi \Sigma K$	10	XI	1177 Fillmore St., Topeka, Kan.
Horton, William Henry, Jr.	10	VI	209 Salem St., Malden, Mass.
Howard, Herbert Seymour, X Ø		TOTAL .	Delavan, Wis.
Howe, Edward Somerset	08		257 Summer St., Buffalo, N. Y.
Howe, Eugene Clarence, A.B.	09 08	VII	Kingston, Mass.
Howell, William Robert	10	VIS	87 St. James Place, Brooklyn, N. Y.
Howland, Harold Howard	08	I	
Hoysradt, Henry Vernon	11	VIS	Westdale, Mass.
Hoyt, Robert Nelson	09		Pine Plains, N. Y.
Hubbard, Carleton Waterbury, Z #	09	II	Wellesley Farms, Mass.
Huber, Berthold Convers	10	Ш	Greenwich, Conn.
Huckins, Albert Kimball, $\Phi \Gamma \Delta$	10	200	24 White St., Taunton, Mass.
Hugelmann, John Robert	11	I	6 Wilbur St., Dorchester, Mass.
Hughes, Horatio, B.S., A.M.	10	İs	1164 Cambridge St., Cambridge, Mass.
Hulsizer, Robert Inslee	09	WITE OF	Charleston, S. C.
Hunt, Eugene Alexander, ATQ	10		27 Beach St., Bridgeport, Conn.
Hunt, Franklin Livingston	08	VIII	Walla Walla, Wash.
Hurley, Frederick Aloysius	10	***	19 Harvard St., Waltham, Mass.
Hussey, Clarence Loring	08	100000	118 Border St., Dedham, Mass.
Hutchins, Guy Severns	10		312 Blackstone St., Providence, R. I.
Hutchins, Otis	11		Mt. Globe St., Fitchburg, Mass.
Huxley, Roy Desmond	11		156 Main St., Keene, N. H.
Hynes, John Joseph, Jr., A.B.	09		22 Maple St., Florence, Mass.
	00		838 Auburn Ave., Buffalo, N. Y.
Iasigi, Oscar Anthony	09	VI S	Irving St., Brookline, Mass.
Inglee, Robert	09	II	Westdale, Mass.
Ireland, Howard Percival	11	and the same of th	35 Irving St., Newton Centre, Mass.
Irwin, Ralph Edward, A.B.	09	SECTION AND ADDRESS.	Meadville, Pa.
Ives, William Booth	10		2353 Ash St., Denver, Colo.
	7.2	100	The same of the same of the same

Name and Society . (lass	Course	Home Address
Jackson, Alexander Freeman	09	II S	22 Congress St., Milford, Mass.
Jackson, Elwell Ransom, Φ K Σ	10	II S	841 East State St., Trenton, N. J.
Jackson, Irving Foster, B.S	08	XIII S	Hollywood, Cal.
Jacobs, Carlton Dupee	09	IIS	28 Maple St., Roxbury, Mass.
Jacobs, Elmer	10	I	162 Ashmont St., Dorchester, Mass.
Jacobs, Richard Clark, Jr., J & P	10	XI S	215 Auburndale Ave., Auburndale, Mass.
Jacoby, Louis, A.B., O F 4	09	VI	Cliff and 7th Sts., Dallas, Texas.
Jacoby, Raymond Weiss, & D	10	X	178 W. Franklin St., Wilkes-Barre, Pa.
Jaeger, Frederick	09	III S	South Weymouth, Mass.
James, Frank Stephenson, B.S	09	VI	East Brady, Pa.
James, Ivory Small, 2 X	11	III S	146 Hemenway St., Boston, Mass.
James Jesse Evans	10		Elverson, Chester Co., Pa.
James, Jesse Evans	09		3259 Groveland Ave., Chicago, Ill.
Jenckes, Edwin Kenyon, Φ K Σ	10	V	571 Pleasant St., Providence, R. I.
Jenkins, Hubert Oliver, A.B	09	VII S	Stanford University, Cal.
Jenkins, William Benjamin	10		1884 East 73rd St., Cleveland, Ohio.
Jenks, Harold Gould	11	VI	34 Upland Road, Melrose Highlands,
Jeliks, Haroid Godid	**	100	Mass.
Jenness, Herbert Leon	10	VI S	Rve Beach, N. H.
* * * ** ** * * * * * ** * * * * * * *	08	VI	421 June St., Fall River, Mass.
Jennings, Oliver Saunders, A.B Jerden, Carl Gustave	09	II S	523 Newbury St., Boston, Mass.
Jewett, Frederic Carr	11	I	28 Salem St., Andover, Mass.
Johnson, Cleon Rupert	11	III	17 Pleasant St., Leominster, Mass.
	10	IV S	58 Highland Ave., Newtonville, Mass.
Johnson, Flora Augusta	09	IIS	129 W. Utica St., Oswego, N. Y.
Johnson, James Francis	08	VI	
Johnson, Lewis Howes	10	VIS	91 North Main St., Rockland, Me. Easthampton, Mass.
Johnson, Paul Beekman		Annual Control	
Johnson, Wistar Wayman, A.B	11		252 East 30th St., Portland, Ore.
Johnston, Cyrus Thurston	09		2 Crocus Hill, St. Paul, Minn.
Johnston, William Armour, Jr., Ph.B.		VIII S	Princess Bay, New York City.
Jones, Allen, Jr., B.S., $X \phi$	09	VI	1431 Pendleton St., Columbia, S. C.
Jones, Barry Hayes	09		73 Hooker Ave., Poughkeepsie, N. Y.
Jones, Bradley	10	II	83 Shirley St., Winthrop, Mass.
Jones, Clarence Leslie	10	II S	Barnstable, Mass.
Jones, Maurice Trimble, Jr	08	XS	32 Vernon Terrace, East Orange, N. J.
Jones, Raymond Leston	10	III	Barnstable, Mass.
Jones, Reginald Lamont	09	VI	Hotel Woodbridge, West Somerville,
T 300 % 701.1		37	Mass.
Jones, Whitney Blake	11	V	201 Clarendon St., Boston, Mass.
Jones, William Francis	09	III S	152 West 84th St., New York City.
Jones, William Henry	09	III	Ashland, Mass.
Joslin, Garnett Alfred, ATQ	09	III S	323 West 28th St., Los Angeles, Cal.
Joy, Charles Frederick, Jr	09	IS	16 Watts St., Chelsea, Mass.
Kalbach, Lee, $\theta \Xi$	10	III S	Oskaloosa, Iowa.
Kaminski, Julian A	11	III S	Piotrkow, Poland.
Kaminski, Juljan A	10	XIS	Long Green, Md.
Kane, James Allen	G	IV	Long Green, Md.
Karch Ralph James	09	II	710 Cumberland St., Lebanon, Pa.
Karch, Ralph James	08	v	38 Arlington St., Hyde Park, Mass.
Kaufman, Abraham Harold Edward	11	X	96 Concord St., Lawrence, Mass.
	09	Î	14 Hoyt Ave., Lowell, Mass.
Keables, Austin Dow	0.01	4.5	AT AROJE INTERS AROTEDIS DEGOS.

Name and Society	Clas	ss Course	Home Address
Konney Charles	. 09		
Kedy, Stiles Fraser	. 08		312 Market St., Lowell, Mass.
Keefe, William Joseph	. 00		18 Savin Hill Ave., Dorchester, Mass.
Kelley Edward Francis	. 10		132 Devon St., Roxbury, Mass.
Kelley, Edward Francis	. 09		73 School St., Cambridge, Mass.
Kelley, Mark Elbridge	. 09		15 Beckett St., Peabody, Mass.
Kellogg, Alfred Galpin, 4 #	. 08		51 St. Paul St., Brookline, Mass.
Kellogg, Paul	. 11		527 Norwood Ave., Buffalo, N. Y.
Kelly, William James, A Ø	. 09	VS	61 Robinwood Ave., Jamaica Plain, Mass.
Kennedy, Edward	. 11	III	169 Beech St., Holyoke, Mass.
Kennedy, James Joseph	- 11	XI	43 Dartmouth St., Somerville, Mass.
Kenney, George Churchill	. 11	I	10 Davis Ave., Brookline, Mass.
Kennison, Karl Raymond, A.B., 4 K	E		and the same of th
Ø B	K 08	3 II	43 Silver St., Waterville, Me.
Kerr, Charles Phillips, Σ X	. 11		Catonsville, Md.
	. 09		Baltimore, Md.
Kerr, William Caruthers, Σ X	. 09	The state of the s	Catonavilla M.I
Kibbey, Rinker, θ Ξ	. 08		Catonsville, Md.
Kiely, Edmund Bernard	. 10		Marshfield Hills, Mass.
Kilburn, Ernest Edwin	. 08		11 Roseville Sq., Lynn, Mass.
Killion, Thomas Stephen	100		Box 494, Waterbury, Conn.
Kimball, Scott Prescott, AT 2	. 10		130 Russell St., Malden, Mass.
King Engloyiel James	. 11	99 0	124 East 6th St., Salt Lake City, Utah.
King, Frederick James	. 09		Abington, Mass.
King, Lester Hazen, X Ø	. 09		13 Arnoldale Road, Hartford, Conn.
King, Walter Wellington, $\Phi B E$.	. 09	XS	16 Stuyvesant Place, New Brighton, S. I.,
V:	22	1202	N. Y.
Kinsman, Charles Collins	. 08		Decatur, Ill.
Kintner, Edwin Graham	. G	XIII A	5 Richmond Court, Brookline, Mass.
Kirby, Walter Bradnee	. G	IV	102 Highland Ave., Winchester, Mass.
Klapacs, Victor Paul	. 11	VI	881 Broadway, South Boston, Mass.
Kloberg, Edward, A.B.	. 08	IS	452 East 179th St., New York City.
Knipp, Arthur Russell, A.B.	. 09		2510 Druid Hill Ave., Baltimore, Md.
Knowles, Howard Brabrook	. 11		112 Somerset Ave., Taunton, Mass.
be of a transfer of the first o	. 08	-	Ev-Palagno Roals Postini Naula III
Kuehne, Hugo Franz, C.E	. 08		Ex-Palazro Reale, Portici, Naples, Italy.
Kurtzman, Christian, AKE	. 10	The second second second	1103 Sabine St., Austin, Texas.
Kydd, John Angus	. 08	The same of the sa	4 Melton Manor, Buffalo, N. Y.
Kyle, Clinton Walker	. 09		22 Cuba St., Andover, Mass.
asyrc, Children Haines	. 09	11	63 Otis St., Newtonville, Mass.
Lake, Harry Eleazer	11	Y	7PC-11 Nr
Lamont Clarence Devald Q t V	. 11		Topsfield, Mass.
Lamont, Clarence Ronald, θ Δ X	. 08		22 Holyoke St., Malden, Mass.
Lane, Spencer Bridgman	. 10		113 Wellesley Ave., Wellesley, Mass.
Lang, Harold Locke	. 09		33 Fairview St., Roslindale, Mass.
Lange, Frank John	. 09		105 Bridge St., Springfield, Mass.
Larkin, Thomas	. 09		41 Thorndike St., Boston, Mass.
Larned, John Insley Blair, A.B. & B E	. 08		Lake Forest, Ill.
Larrabee, Herbert Pelham	. 11	VI	107 Sycamore St., Waverley, Mass.
Lasnier, Gilberto	. 09	VI S	276 Andes St., Montevideo, Uruguay.
Latimer, Robert Cathcart, A.B			1915 Kalorama Road, Washington, D. C.
Laurson, Philip Gustave, B.S.			501 La Due St., Mitchell, S. D.
Lautz Martin W		W -0	Hamilton, N. Y.
Lawrence, Beardsley, & T &			103 Beaumont St., Dorchester, Mass.
Lawrence, George Leonard, Jr	. 09		76 Lake Ave., Melrose, Mass.
ocorpo acommun or	. 00		10 Lake Ave., Meirose, Mass.

Name and Society Cla	ss Course	Home Address
Lawton, Stanley Herbert	VS	Presidents Hill, Quincy, Mass.
Lazenby, Paul Helme, 4 P 09		126 Ocean St., Lynn, Mass.
Leao, Pedro de Souza		Manaol, Brazil.
Leary, Arthur Francis 1		82 Havre St., East Boston, Mass.
Lee, Lasley, 4 T 4) I	Carbondale, Pa.
Lees, George Cooper	iI 8	475 Rivet St., New Bedford, Mass.
Lenox, John Edward 0) I	7 Austin St., Cambridge, Mass.
Leslie, Bernard Shepard 0	8 II	Milton, Mass.
Lesser, Rudolph William, A.B	V	141 Lancaster St., Albany, N. Y.
Levine, Max 1	1	6 Morton St., Boston, Mass.
Levy, Nathan 1	1 VI	1617 Tremont St., Roxbury, Mass.
Lewis, Richard Wheatley, & B E 1	0 VS	Fort Monroe, Va.
Livingston, George Edward 1	0 VI	150 Washington St., Gloucester, Mass.
Locke, John Harold, θ X 0	8 VIII	12 Abbottsford Road, Brookline, Mass.
Lockett, Harold, & K E 1	O II	5116 Madison Ave., Chicago, Ill.
Loeb, Leo, A.B 0	8 II	Rich Hill, Mo.
Lombard, Robert Hamilton 1	0 VIII	Ashburnham, Mass.
Long, John Sakerton	0 X S	337 Hyde Park Ave., Tampa, Fla.
Longley, Arthur Ashleigh 0	8 II	135 Elm St., Kalamazoo, Mich.
Longyear, Helen McGraw 0	9 IV	Leicester St., Brookline, Mass.
Loomis, Lynn Albert, Ø B E 0	9 III e	727 State St., Springfield, Mass.
Lord Harold Stowell		Athol, Mass.
Lord, Harry Chester, $\Delta \Sigma \Phi$ 0	8 II	64 Gardiner St., West Lynn, Mass.
Lord, Paul Burton, $\theta \perp X$ 0	9 III S	18 South Munroe Terrace, Dorchester,
		Mass.
Lord, Raymond Harold 1		27 Park St., Dorchester, Mass.
Loring, Ernest Moore, ATQ 0		Spokane, Wash.
Loud, Francis Martin, A.B 0	9 VI	1203 North Tejon St., Colorado Springs, Colo.
Loud, Roger Perkins	0 VI	87 Commercial St., Weymouth, Mass.
Lougee, Norman Arthur 1	1 VI	2 Fairfield St., Salem, Mass.
Lougee, Sherman 0	9 I	31 Summer St., Salem, Mass.
Loutit, Robert Clyde 1	0 XIII S	Grand Haven, Mich.
Lovejoy, Carl Howard	0 I	25 Parkman St., Dorchester, Mass.
Lovewell, Frank Sherman, A.B 1	0 IS	6058 Wentworth Ave., Chicago, Ill.
Lowenberg, Maurice Joseph 1	1 VI	4 Edwin St., Brookline, Mass.
Luening, Eugene George 1	0 II S	Wauwatosa, Wis.
Lufkin, Charles Lewis 0	8 V	Gloucester, Mass.
Lufkin, Fred Richards	0 VI	12 Linden St., Woodfords, Me.
Lunn, Arthur Washington, A.B 0	9 VI	11 Taylor St., Newark, N. J.
Lunt, George Perkins	0 X	58 High St., Danvers, Mass.
Luscomb, Florence Hope 0	9 IV	14 Ashford St., Allston, Mass.
	0 VIS	Box 122, Nashville, Tenn.
Luther, Howard Bourne	8 I	153 Pleasant St., Attleboro, Mass.
Lyford, Emerson Fletcher 0	8 V S	57 School St., Milford, Mass.
Lyle, Fred William	8 VI	44 Hall St., Waltham, Mass.
	8 I	49 Providence St., Woonsocket, R. I.
Lyons, Franklin Benton, B.S 0	9 VIS	707 North 4th St., Steubenville, Ohio.
Lyons, Thomas Francis	0 IV S	206 8th St., South Boston, Mass.
McAllen, John Lavelle, A. Ø	1 111 5	328 Hassalo St., Portland, Ore.
TARCER PROPERTY OF STREET		Devine, Texas.

Name and Society	Class	Course	Home Address
McAuliffe, William James	. 08	IS	4 Melrose St., Boston, Mass.
McCain, Samuel Norman, θ Δ X	. 09	I	9490 Parmerille Ave. All: 1 D
McCarthy, John Francis	. 09	Î	2420 Perrysville Ave., Allegheny, Pa.
McClintock, Frank Stockton, Z T	. 09	II	590 Ninth St., South Boston, Mass.
Ad a Community of the c		II	805 Amberson Ave., Pittsburg, Pa.
McCready, Harold, A Ø	. 11		9 Central St., Andover, Mass.
McCune, William Rowe, & T	. 09	VI S	3430 Butler St., Pittsburg, Pa.
McCinnier Leasth	. 11	II	Hotel Endicott, New York City.
McGinniss, Joseph	. 08	IV S	96 Blue Hill Ave., Roxbury, Mass.
McGowan, James, Jr.	. 08	V	North Adams, Mass.
McGuigan, Francis Harrington, Jr., J K	E 08	I	Windsor Hotel, Montreal, Quebec.
Machen, Thomas Gresham, A.B.	. 09	IV	217 W. Monument St., Baltimore, Md.
McIntyre, Ruluff David	. 10	III	Clayton, Mass.
Mack, Russell, Δ Φ	, 10	IS	Westchester Ave., Williamsbridge, New York City.
MacKay, George Moir Johnstone, A.B.,			
M.A	. G	V	Dartmouth, Nova Scotia.
MacKenzie, John David	. 11	XII	Baddeck, Cape Breton, Canada.
Mackenzie, Morell	. 11	II S	68 Barnum St., Taunton, Mass.
McKernan, George Edward	. 09	IS	Westerly, R. I.
McLaughlin, Peter Francis	. 09		34 Hamlin St., Pittsfield, Mass.
McLaughlin, Thomas Francis, Jr.		IV S X S	51 Creighton St., Roxbury, Mass.
McManus, Charles Aloysius Joseph .	. 11	II S	2 Winter St., Dorchester, Mass.
McMorrow, John Francis, A.B.	. 10	VI.S	57 Wachusett Are Forest Hill M.
McMurtrie, Douglas Crawford, & F	40.00	VIS	57 Wachusett Ave., Forest Hills, Mass.
McNamara, John Daniel	. 10	III S	480 Park Ave., New York City.
McNamee, John Francis	. 10	IS	91 Oak St., Boston, Mass.
McNeil, Nicholas Fallon	. 11	I	1 Portland St., Cambridge, Mass.
MacNutt, Scott, A.B.	. 08	VII	10 Putnam St., Charlestown, Mass.
McPhee, Harold Evan	. 09	VIS	Richmond, Ind.
MacPherson, Roy Gay	. 11	II	South Framingham, Mass.
McRae, George Wadsworth	. 10	VI	30 Pine St., South Framingham, Mass.
McTigue, George Joseph, θ X	. 08	VI	278 Salem St., Malden, Mass.
Madenigian, Kevork	. 09	I	131 Pine St., Holyoke, Mass.
Magee, George Hugh	. 10	II	Aghin, Armenia.
Maguire, Charles Augustine	11	I	698 Salem St., South Groveland, Mass.
Mahoney, Dennis Francis	. 11		79 Andem St., Providence, R. I.
Mahoney, William Thomas, B.S.	. 11	I	15 Leverett St., Brookline, Mass.
Main, Charles Reed, B.S.	. 09	II S	427 East 5th St., Chattanooga, Tenn.
Maloom Sudney Arnold	. 09	II	14 Herrick St., Winchester, Mass.
Malcom, Sydney Arnold	. 09	XI	91 Munroe St., Somerville, Mass.
Manley, Harry Lester, Φ Σ K	. 11	I	188 Atlantic Ave., Providence, R. I.
Manning, Ralph Eric Manson, Harold Crosby, Σ A E	. 08	VI	North Billerica, Mass.
Manson, Harold Crosby, 2 A E	. 10	II	45 Hartford St., Dorchester, Mass.
March, William Henry	. 10	IV S	6 South Broad St., Mobile, Ala.
Marshall, Henry Herbert	. 09	II	Elmwood, Mass.
Marston, Nathaniel Sidney	. 11	VI	106 William St., Portland, Me.
Martin, Thorndike De Vries	. 09	II	53 Chestnut Hill Ave., Brighton, Mass
Martinez, Roland A	. 08	I	Jesus Maria 7, Havana, Cuba.
Marvin, David Patterson		XIII	15 Trowbridge Ave., Newtonville, Mass.
Marvin, Gertrude Leavenworth	. 08	VII S	New London, Conn.
Mason, Willis Harold	. 08	II S	Fairmount Ave., Wakefield, Mass.
Masjoan, Valerio	09	AIII S	Parana, Argentine Republic.
Matamoros, Juan Loria	- 11	1	San José, Costa Rica, Central America.
Mather, Robert Harrison	11	VI	Windsor Locks, Conn.

Mathewson, Jesse Follett	Name and Society		lass	Course	Home Address
Matte, Andrew Lewis 09 VI S North Adams, Mass. Matteson, Faul, J & E 10 XI S 11 Prospect St., Providence, R. I. Maxwell, Joseph Pease 10 VII St. Gardiner, Me. Maxwell, Joseph Pease 10 VIII Gardiner, Me. Maxwell, Joseph Pease 10 VIII Gardiner, Me. Maxwell, Joseph Pease 10 VIII St. Gardiner, Me. Maxwell, Joseph Pease 10 VIII St. Gardiner, Me. Maxwell, Joseph Pease 10 VIII St. Rewton, Mass. Maynard, Clarence Dickinson 10 VI St. St. Newton, Mass. Maynard, Clarence Dickinson 10 III St. Gentral St., Newton, Mass. Maynard, Clarence Dickinson 11 III Reade, Maurice Patrick 11 III Reace Maurice Patrick 11 III	Name and Society				
Mattle, Joseph					
Matteson, Faul, J & E 10 XI \$ 112 Prospect St., Providence, R. I. Gardiner, Me. Maxwel, Donald Hebard 08 XI Maxwell, Donald Hebard 08 XI Maxwell, Loses Worth, B.S., J T J 08 XI 32 Maple St., Newton, Mass. Maxwell, Ruth 09 IV 32 Maple St., Newton, Mass. May, Kenneth Sargeant 09 IV 32 Maple St., Newton, Mass. Mayn, Carrence Dickinson 09 II 5 169 North Fulton Ave., Mt. Vernon, N.Y. Maynard, Clarence Dickinson 09 II 18 169 North Fulton Ave., Mt. Vernon, N.Y. Maynard, Clarence Dickinson 09 II 18 73 Central St., Somerville, Mass. Maynard, Clarence Dickinson 09 II 18 169 North Fulton Ave., Mt. Vernon, N.Y. Meanor, Wilbur Alpheus 09 IV S 12 Batchelder St., Merose, Mass. Melish, Murray Holman 09 IV S 12 Batchelder St., Merose, Mass. Menzinis, Animary, Andrew John 09 IV Batchelder St., Merose, Mass. Merrill, Charles Hudson Sayre, A Ø 11 IV Merrill, Ceward Francis, Z F 10 <td></td> <td></td> <td></td> <td></td> <td></td>					
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Maxfelel, Joseph Pease 10 VIII 32 Maple St., Newton, Mass. Maxwell, Jesse Worth, B.S., Δ T Δ 08 III Maxwell, Ruth 09 IV 32 Maple St., Newton, Mass. May, Kenneth Sargeant 09 IV 37 Fisher Ave., Newton, Mass. May, Kenneth Sargeant 09 IV 37 Fisher Ave., Newton, Mass. May, Claisene Dickinson 09 II 8 Tiser, Newton, Mass. May, Claisene Dickinson 09 II 8 Tiser, Newton, Mass. May, Claisene Dickinson 09 II 8 Tiser, Newton, Mass. May, Claisene Dickinson 09 II 8 Tiser, Newton, Mass. Mayar, Claisene Dickinson 09 II 8 Tiser, Newton, Mass. Meade, Maurice Patrick 08 IV 8 Deat Millson Road, Brookline, Mass. Meanor, Wilbur Alpheus 09 IV 8 Deat Millson Road, Brookline, Mass. Menner, Claisene Dickinson 09 IV 11 Title Creek, Pa. Merill, Charles Hudson Sayre, A Φ 11 11 His Werill, Leonard Martin 11 His Werill, Mass. Merrill, Leonar	Matteson, Paul, Ah E			AI S	
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Monto, Charles Philip			09		931 22d St., Rock Island, Ill.
Moore, Fred			10	X	287 Alexander St., Rochester, N. Y.
Moore, Thomas Joseph			09		Kirkersville, Ohio.
Morey, Chester Totten	Moore, Thomas Joseph		10		Ardee, Ireland.
Morey, Chester Totten	Moreland, Edward Leyburn, A.B		08	VI	
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	Morris, Wilfred Armstrong, B.S., C.E.				
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Mott, Frank Earl, Ph.C.		08	VS	Danielson, Conn.
Mullen, John Joseph, A.B.		09	VI S	860 Emerson St., Denver, Colo.
Muñoz, Enrique José		10	II S	Saltillo, Mexico.
Munoz, Ramon Fiderico, Σ X		08	III	Saltillo, Mexico.
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Muriel, Manuel	4	10	IV S	San Luis, Potasi, Mexico.
Murray, Francis Joseph		09	VS	103 Magnolia St., Dorchester, Mass.
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Myers, Eleazar		08	X	5942 Indiana Ave., Chicago, Ill.
Myers, Henry Earle		09	IV	75 Orange St., Ashland, Ohio.
Myrick, John Botume		10	VI	19 Exeter St., West Newton, Mass.
Needs Asthus Bassassta		10	T. C.	00 771 - 11 15 1 37 - 11 34
Nagle, Arthur Rosengarten	*	10	IS	83 Kirkstall Road, Newtonville, Mass.
Nash, Edward Ardery, 4 T 4		11	H	323 15th St., St. Joseph, Mo.
Nath, Simon	3	11	VIS	21 Parkman St., Boston, Mass.
Nelson, Norman, Ø I A	*	10 11	II S	Quito, Ecuador, South America.
Newhall, Edward, Ø Г J	×	10	IIS	300 Communipaw Ave., Jersey City, N. J.
Newhall, Everett Hiltz	*	08	V	49 Atlantic Terrace, Lynn, Mass. 238 Summer St., Lynn, Mass.
Nicholas, Henry George	3	08	XS	884 Mass. Ave., Cambridge, Mass.
Nicholas, Utar James, 2 A E		08	VI	c/o National Trustees, Queen St., Mel-
	01	4		bourne, Australia.
Nichols, Archer Corbin		08	I	13 Berwick Park, Boston, Mass.
Nichols, James Robinson	4	08	VS	4 Highland Ave., Haverhill, Mass.
Nichols, Russell Harrison		10	XI S	325 K St., South Boston, Mass.
Nicholson, Ernest		10	VI S	204 Union St., Schenectady, N. Y.
Nickerson, John Winslow		09	II	33 Alpine St., Roxbury, Mass.
Nickerson, Mark, Ph.B.		10	IV S	411 Columbus Ave., Boston, Mass.
Nicol, Norman Carmichael		09	XI S	33 Chapman Ave., Waterbury, Conn.
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Noble, James Bowen, Φ K Σ	8	10	IV S	Eau Claire, Wis.
Norton, Paul Willard		08	IV	5 Frances St., Woburn, Mass.
Norton, Roy Wilmarth	*	09	VI	Vineyard Haven, Mass.
Odell Lawrence Glescon 4 5 4		12	VIII	11 Wohang St. Dool Mr.
Odell, Lawrence Gleason, $\Delta \Sigma \Phi$ Ofenstein, Clarence Leo	*	11	VIII	11 Wabeno St., Roxbury, Mass.
Ofenstein, Clarence Leo ,	*	11	*	42 New York Ave., North West, Washington, D. C.
O'Hearn, William John, & E Ø		10	XI	191 Davis Ave., Brookline, Mass.
Omansky, Morris		11	V	34 Auburn St., Boston, Mass.
O'Neill, Francis Michael		11	Ï	137 East St., Holyoke, Mass.
O'Neill, Haylett, A.B.		09		1209 5th Ave., Spokane, Wash.
O'Neill, John Henry	7	10	XI	175 Walker St., Lowell, Mass.
Orchard, William John		10	XI	14 Fletcher St., Roslindale, Mass.
Orem, Archie Joshua		11	III S	306 Anerbach Building, Salt Lake City,
			1000	Utah.
Orr, Thomas Whitley, & K E		08	I	603 East 47th St., Kansas City, Mo.
Osborn, Franklin 2d		11	Ш	24 Elm St., Peabody, Mass.

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O'Shea, Peter Francis Otterson, John Edward Otterson, John Edward Os XIII A Owings, Thomas, A.B. Os IV S 1636 Calvert St., Baltimore, Md. Os IV S 1636 Calvert St., Baltimore, Md. Os IV S 1636 Calvert St., Baltimore, Md. Os IV S 11 West Bay St., Tampa, Fla. Packwood Collins IV S 511 West Bay St., Tampa, Fla. Page, Atwood Collins IV S 511 West Bay St., Tampa, Fla.					81 Oxford St. Cambridge Mass.
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Pettingell, William Moulton Pettit, Bertholf Marsh, Ph.B. Petzold, Herbert Robert Pezzet, Alfonso Washington, $\theta \in \mathbb{Z}$ Phelps, Dudley Winston, $X \notin 0$ Phelps, Eugene, B.S., $d T \in D$ Phillips, Alfred Ingersoll, $d \in D$ Phillips, Walter Irving Pierce, George Holt Pierce, William Joseph Pierce, William Joseph Pierce, William Joseph Pitkin, Charles Lewis, A.B. $d \in D$					17 Jerome Ave., West Newton, Mass.
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Phillips, Walter Irving	Phillips Alfred Ingersoll, Jr., & K Y		10	II	1924 Pine St., Philadelphia, Pa.
Pierce, George Holt	Phillips, Walter Irving		11	VI	23 Maple St., Taunton, Mass.
Pierce, William Joseph			08	VI	26 Park St., Nashua, N. H.
Pilling, Earl Wellington 10 I Damelson, Conn. Piper, Carleton French 10 III Randolph, Mass. Pitcher, Floyd Jacob 10 I 28 Preston Road, Somerville, Mass. Pitkin, Charles Lewis, A.B. G IV 51 Strathmore Road, Brookline, Mass.			08	II	1749 Mass. Ave., Cambridge, Mass.
Piper, Carleton French			10		Danielson, Conn.
Pitcher, Floyd Jacob				III	
Pitkin, Charles Lewis, A.B G IV 51 Strathmore Road, Brookline, Mass.				I	28 Preston Road, Somerville, Mass.
				IV	51 Strathmore Road, Brookline, Mass.
	Place, Alfred Griffin, θ Δ X	12	08		Woburn, Mass.
Plumer, Edward Ashby 08 VI 69 Federal St., Newburyport, Mass.	Plumer, Edward Ashby		08	VI	69 Federal St., Newburyport, Mass.

Name and Society	Class	Course	Home Address
Polhemus, Theodorus	. 11	XI	18 Moreland Ave., Newton Centre, Mass.
Pollock, Robert Thomas, & X		VI S	27 Cabot St., Salem, Mass.
Polsey, Chester Alanson	. 09	ÎS	
Poor, Arthur Kenneth	. 09	пs	154 Summer St., Somerville, Mass.
Poor, Walter Everett, & X	00		94 Pine St., Danvers, Mass.
Poore Lester Deans	. 08	VI	20 Sylvan St., Danvers, Mass.
Poore, Lester Deane	. 09	VIS	Georgetown, Mass.
Pope, Chester Henry	. 09	X	Cliff House, Winthrop, Mass.
Pope, Joseph	. 08	XIII	46 Spring St., Springfield, Mass.
Porosky, Matthew	. 09	VIS	10 Sunderland St., Roxbury, Mass.
Post, Edgar Martin, A.B.	. 09	IS	Claysville, Pa.
Potter, Erford Merton	. 10	VI	18 Webster St., Taunton, Mass.
Potter, Eugene Voorhees	. 08	I	157 Walnut St., Somerville, Mass.
Powell, Oliver Davis	. 11	XI	20 Dudley St., Haverhill, Mass.
Powell, Paul Rulison, X Ø	. 08	II	709 Park Ave., Baltimore, Md.
Pratt, Chapin Smith	. 11	II	211 Lancaster Ave., Buffalo, N. Y.
Pray, Irving Rudolph, # 2 K	. 11	V	10 Concord St., Natick, Mass.
Prentiss, Nathan Newberry, A T A	. 11	I	1578 Cambridge St., Cambridge, Mass.
Preston, Clifford Hamilton, A.B.	08	IV	Farmington, Me.
Preston, Ralph Albion Drury	10	II	Natick, Mass.
Price, Edwin Morgan, AT Q	08	IV	221 May Ave., Fort Smith, Ark.
Price, Malcom Dana, & B E	10	II S	23 Regent Circle, Brookline, Mass.
Pritchard, Charles Morse		X	17 Atwood St., Newburyport, Mass.
Pritchett, Leonard Waller, A.B.	09	VI	99 Fast Olet St. New York City
			22 East 91st St., New York City.
Proctor, John Albert, $\theta \Delta X$ Pulsifer, Revere Burnham, $\theta \Gamma \Delta$	11		33 Prospect Ave., Revere, Mass.
Pundom Archibald Baustley	11	XIII S	72 School St., Manchester, Mass.
Purdom, Archibald Brantley		II	Blackshear, Ga.
Purinton, Jacob Wilbur	10	II S	11 Hamilton St., Dover, N. H.
Pushee, Harold Baldwin	- 11	X	237 Winn St., Woburn, Mass.
Putnam, Charlton Dascom, A Ø	08	I	53 Middlesex Ave., Reading, Mass.
Putnam, Henry Rice, J F	09	III	172 Brookline Ave., Brookline, Mass.
Putnam, Scott Bradstreet, 4 7	- 11	III	34 Appleton Ave., Beverly, Mass.
Ouinlan Coores Austin A.B. V.V.	ne		D. II 75
Quinlan, George Austin, A.B., ΣX	. 08	1	Dallas, Texas.
Radford, Charles Weston, Ø Г 1	09	I	453 Algoma St., Oshkosh, Wis.
Randall, Chester Joseph		X	248 Ash St., Waltham, Mass.
Ranger, Richard Howland		VIII	19 W. 10th St., Indianapolis, Ind.
Ransohoff, Nathan	10	II	Vernon Place Mt Auburn Cindenti
Hansonon, Hathan	10	11	Vernon Place, Mt. Auburn, Cincinnati, Ohio.
Rapelye, Harry Andrew, & F	08	II .	87 Washington St., Hartford, Conn.
Ratzkoff, Silas Myer		II	15 Ingleside St., Boston, Mass.
Raygada, Pedro Éugenio	. 09		Paiata, Peru, South America.
Read, William Carleton	09	VIII	28 Porter St., Taunton, Mass.
Rebori, Andrew Nicholas		IV S	510 East 195th St. New York City
Redfield, Clifford Steele	10	XS	519 East 135th St., New York City.
Redman, Ernest Albert	10	II S	9 Shattuck St., Nashua, N. H.
Road Rolph Omer	00		82 New Park St., West Lynn, Mass.
Reed, Ralph Omer	09	III S	517 Franklin St., Melrose Highlands, Mass.
Reed, Walter Dickson	08	IV S	Oakland, Cal.
Reeds, Clarence, A.B		II	Norman, Oklahoma.
Regnell, Ralph Tucker, A \(\mathcal{L} \)	09	III S	4 Holden St., Attleboro, Mass.
Reid, Joseph Gilman, A.B., II K A	08	VI S	Canton, Miss.

	Class	Course	Home Address
Name and Society		III	530 3d East St., Salt Lake City, Utah.
Reilly, William Robison, $AT \Omega$	09 10	XIII	23 High St., Methuen, Mass.
Remick, Frank Harley	09	VIS	1045 South Negley Ave., Pittsburg, Pa.
Reppert, George Henry, B.S., 4 7	09	I	1215 Broad St., Grinnell, Iowa.
Rew, Morse Woolley, B.S.	08	ΙÎ	4529 Lindell Ave., St. Louis, Mo.
Reyburn, John Randolph, A.B., J F	08	X	273 Antonio Rivera, Manila, P. I.
Reyes, Francisco Damaso	10	II S	142 Highland Ave., Somerville, Mass.
Reynolds, Herbert Gardner	10	II	577 Highland Ave., Malden, Mass.
Rhoades, William Geyer	11	VI S	2830 Hillegass Ave., Berkeley, Cal.
Rice, Lawrence Grout	10	XI	9 Wilson St., Natick, Mass.
Rice, Roger Cushing	08	I	37 Mather St., Dorchester, Mass.
Richards, Joseph Lovering	09		247 Fisher Ave., Brookline, Mass.
Richardson, Arthur Bancroft	11	VI	132 10th St., N. E., Washington, D. C.
Richardson, Harry Frederic	08	VI	31 Williams St., Taunton, Mass.
Richardson, Howard Barrett	10	VII S	132 10th St., N. E., Washington, D. C.
Richardson, Wallace Dunster	10	XI S	30 Mt. Pleasant St., Cambridge, Mass.
Richardson, Webster, # I 4		S	109 Highland Ave., Newtonville, Mass.
Richmond, Carl Gee	11	II S	300 Winthrop Ave., Revere, Mass. Concord Junction, Mass.
Rideout, Percy Adams	11	II	4 Dartmouth St., Waltham, Mass.
Ridstrom, Eric Herman	11	II S	Maunabo, Porto Rico.
Riefkohl, Rudolf William, & EK	09 10	I	190 Lamartine St., Jamaica Plain, Mass.
Rietschlin, Otto Rheinhard	10	пs	Grafton, Mass.
Riggs, Lewis Ward		VI	37 Belmont St., Charlestown, Mass.
Riley, Edward John	08	Î	31 Washington St., Malden, Mass.
Ripley, Read Isbell	2.0	III S	Pottsville, Pa.
Robeson, Frank Leigh, B.S.		II S	Farnville, Va.
Robinson, Benjamin	11	IV S	481 Belmont Ave., Springfield, Mass.
Robinson, Burr Arthur, $\theta \mathrel{\vartriangle} X$	09	III S	311 14th St., Buffalo, N. Y.
Robinson, Charles Frederick	10	II	12 Linden Place, Brookline, Mass.
Robinson, Clark Shove	09	X	18 Beltran St., Malden, Mass.
Robinson, Clayton Simpson	- 11	II	Attleboro, Mass.
Robinson, Elmo Arnold	. 09	VII	Canandaigua, N. Y.
Robinson, Frank John	08	IV	75 Gainsboro St., Boston, Mass.
Robinson, Harold Long	- 11	I	17 Winthrop St., Winchester, Mass.
Robinson, Kenneth Caleb		XI	33 Batavia St., Boston, Mass.
Roche, Raymond Vincent	. 11	VIS	Uxbridge, Mass. 131 Wilmington Ave., Dorchester, Mass.
Rockwell, Willard Frederick	10	VI	71 Brookfield St., Lawrence, Mass.
Rooney, Arthur Hugh	11	XS	70 North Fearl St., Buffalo, N. Y.
Root, Ellery Earle, Φ K Σ	. 10	m	Brookfield, Mass.
Roper, Thomas Avery		VI S	Oskaloosa, Iowa.
Rosenblatt, Arthur Morton		IIS	Quitman, Ga.
Rountree, Walter Jefferson	1000	Ī	4 Blynman Ave., Gloucester, Mass.
Ruckman, John Hamilton		II	Presidio, San Francisco, Cal.
Ruggles, Henry Jason	. 08	I	65 Wendell St., Cambridge, Mass.
Runels, Ralph Earle	. 11	VI	321 Thorndike St., Lowell, Mass.
Rush, James Edwin	. 11	XI	120 Dorchester St., South Boston, Mass.
Russell, Earl Simmons	. 10	II	West Hanover, Mass.
Russell, Frank, Jr., Ø B E	. 11	II	31 Wendell Ave., Pittsfield, Mass.
Russell, Foster, $\theta X \dots \dots$. 10	II S	Coleraine, Mass.
Ryden, Roy Warren	. G	XIII A	"The Coolidge," Brookline, Mass.
Ryder, Frank Pittis	. 11	III S	Washington, D. C.

Name and Society	Class	Course	Home Address
St. John, Burton Harold	09	VS	600 North Topeka Ave., Wichita, Kan.
Salisbury, George Forsyth, AKE	10	II	1223 Bradford Road, North Andover, Mass.
Salisbury, William Conyne, 4 K E	11	II	Chicago Beach Hotel, Chicago, Ill.
Salisbury, Samuel Henry, Jr., B.S.	08	VS	16 Miller St., Seneca Falls, N. Y.
Sampson, Miles	08	II	South Hanson, Mass.
Sando, Joseph Blair, Σ AE	08	II	505 Quincy Ave., Scranton, Pa.
Saqui, Frederick Manuel	11		Papantla, Mexico.
Sargeant, French Philbrick	10	XIII	741 Chestnut St., Manchester, N. H.
Sargent, Hall	11	II	Grand Forks, N. D.
Sargent, Horace Stillman	09	The second second	127 Prospect Ave., Revere, Mass.
Saul, Tom Wynne, $\Sigma A E$	10	Ī	319 West 94th St., New York City.
Savage, Edgar Channing	10	II	117 Richmond St., Dorchester, Mass.
Savage, Edward Michael	08	I	24 Bradley St., Somerville, Mass.
Sawyer, Luke Eugene	10	11	56 Chestnut Hill Ave., Brighton, Mass.
Scales, Freeman Montague		VIIS	East Chatham, N. Y.
Scannell, Albert Terence	08	II	535 Westford St., Lowell, Mass.
Scarff, John Henry	10	IV	1706 Charles St., Baltimore, Md.
	09	IS	547 East Utica St., Buffalo, N. Y.
Schaff, John	09	III S	
Schaffer, Harold	09	VIS	Cape Town, South Africa.
Schakne, Jacob Herzl	09	XI	2218 Center Ave., Pittsburg, Pa.
Scharff, Maurice Roos		I	600 North Union St., Natchez, Miss.
Schatz, Ruppert Ericson	11		263 Primrose Ave., Mt. Vernon, N. Y.
Schell, Frank Reamer, A.B.	09		Harrisburg, Pa.
Schellens, Christopher Avery	10	XIII	Box 4, Groton, Conn.
Scheuer, Jerome	10	III S	140 West 20th St., New York City.
Schirmer, Rens Edward	08	VIII	17 Park St., West Roxbury, Mass.
Schleicher, Henry Matthias	10	III	16 Williams St., Roxbury, Mass.
Schmidt, Frederic Becker, 4 2 0	08	IV	Westfield, Mass.
Schmidt, Samuel Myer	11	VII	6 Minot St., Boston, Mass.
Schneider, Franz, Jr., # I 4	09	VII S	35 Summer St., Lawrence, Mass.
Schobinger, George, $\Phi B K \dots$	08	I	Morgan Park, Ill.
Schofield, William McNair, O I 4	10	III	49 Bowers St., Newtonville, Mass.
Schreiber, Henry, Jr	10	IS	13 Bishop St., Jamaica Plain, Mass.
Schriefer, Herman Carsten, Ø K 2	09		422 Newbury St., Boston, Mass.
Schwartz, Lewis	11	III	177 Chambers St., Boston, Mass.
Schwarz, Edmund Arthur	11	IV S	Sioux Falls, South Dakota.
Scoville, John Harris	11	IV S	96 Wethersfield Ave., Hartford, Conn.
Scott, Frank Arthur	10	VS	Holliston, Mass.
Scribner, Samuel Harold	11	1	158 Westford St., Lowell, Mass.
Seeley, Nathaniel Stevens, X	10	11	11 Ash St., Flushing, N. Y.
Seibert, Victor Elmer	09	IV S	411 Jefferson St., Walla Walla, Wash.
Seligman, Wellesley Joseph	11	III S	24 Winchester St., Brookline, Mass.
Serra, Julius Herschel	09	IS	28 Warwick Road, Melrose Highlands, Mass.
Shaffor Cur Fiele	10	IV S	1517 11th Ave., West, Seattle, Wash.
Shaffer, Guy Fiske	08	VIS	36 Elm St., Stonington, Conn.
Shalling, Henry Waldo	08	IS	228 West Water St., Lock Haven, Pa.
Shapleigh, Charles Henry		VIS	
Sharkey, Arthur Edmund	11		111 Trowbridge St., Cambridge, Mass.
Sharman, Frank Weller	08		11 Irvington St., Boston, Mass.
Sharp, Harold, \$\Delta \Delta \Phi \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \tau \qu	09		Nantucket, Mass.
Shaw, Arthur Lassell, ATA	09	I	271 Chestnut St., Clinton, Mass.
Shaw, Carroll Harper	10	VI	104 North Ave., North Abington, Mass.

Name and Society	Class	Course	Home Address
Shaw, Harold Francis	11	II	76 Church St., Leominster, Mass.
Shaw, Joseph Henry	11	II S V S	Plymouth, Mass.
Shaw, Lawrence Copeland	09		303 Pleasant St., Brockton, Mass.
Shen, Heenan Tinching		XIII S	Foo Chow, China.
Sherman, Henry Lancy, 1 r	09	IS	50 Lockehaven St., Pasadena, Cal.
Sherman, Max Christopher	10	II	11 Fairview Terrace, West Newton, Mass.
Shippee, Allen Edward	09	XS	East Greenwich, R. I.
Shohan, Abraham	11	VI	39 Devon St., Roxbury, Mass.
Silsbee, Francis Briggs		VI	9 East Haverhill St., Lawrence, Mass.
Simm, Roy	09	II IV S	580 Trapelo Road, Waverley, Mass.
Simmons, Frank Ronald, A.B	10	IV S	65 Prospect St., Providence, R. I.
Simonds, Roland Scott		IS	42 Salem St., Bradford, Mass.
Simonds, Warren James		I	52 Shawmut Ave., Marlboro, Mass.
Sinnicks, George Albert	11	ÎS	Manchester, Mass.
Sisonsky, Isador		VI	107 Porter St., East Boston, Mass.
Sittinger, Carl Joseph	10	VI	59 Delle Ave., Roxbury, Mass.
Slack, Edgar Percival	08	VI	North Abington, Mass. 3631 Lindell Block, St. Louis, Mo.
Sloss, Alexander Coffee, Jr., 2 AE	11	v s	40 North Beacon St., Allston, Mass.
Smith, Daniel Joseph	08	IS	69 Cross St., Malden, Mass.
Smith, Frank Griswold	11	mi	83 Field St., Torrington, Conn.
Smith, Harold Alfred	10	II	67 Woodlawn St., Lynn, Mass.
Smith, Hubert Stacy, & K E		X	1112 Center Ave., Bay City, Mich.
Smith, Otis Sanborn	10	I	Laconia, N. H.
Smith, Phifer, A.B., ΣX	09	VI S	Livingston, Ala.
Smith, Plumer Henry, C.E		ÎS	Galveston, Texas.
Smith, Robert Lewis	09	II	14 Cross St., Roslindale, Mass.
Smith, Xanthus Russell	09	XIII	Weldon, Pa.
Sneddon, James Stuart, # 1 4		II	532 North Broad St., Elizabeth, N. J.
Snow, Sydney Ingalls, $\theta \Xi$	10	XS	Rockland, Me.
Snyder, Henry Rossiter		IV	Gilbertville, Mass.
Soderstrom, Francis Harold		III	262 Endicott Ave., Beachmont, Mass.
Soule, Frank Arthur	11	S	215 South Ave., Whitman, Mass.
Soule, Harold Gray, SAE	11	III S	Randolph, Mass.
Soule, Lincoln Rockwell, & BE	. 09	XS	508 Washington St., Dorchester, Mass.
Southerland, Clarence Hall, θX			
Southgate, George Thompson	09	VIS	501 Russel St., Nashville, Tenn.
Southgate, Stewart Swan, & & P		IS	718 Main St., Worcester, Mass.
Southwick, Lewis Switzer, & BE	10	VI S	31 Pierrepont St., Brooklyn, N. Y.
Spaans, Walter	10	X	108 Chestnut St., Brookline, Mass.
Spalding, Sidney Parker		III	1019 Middlesex St., Lowell, Mass.
Spencer, Henry Kendall	09	II	29 Larchmont St., Dorchester, Mass.
Spencer, Roger Miner, AT Q	11	H	Windsor, Conn.
Spengler, Warren Daniel, B.L	08	VI	5901 Thackeray Ave., Cleveland, O.
Spiehler, Clarence Herbert	08	II	580 Averill Ave., Rochester, N. Y.
Spurr, Henry Vose	08	I	308 Mystic St., Arlington, Mass.
Stamper, Willson Young, Jr., AT Q	11	I	Fort Lawton, Wash.
Standley, Chester Larcom, $\theta X \dots$		II S	Norwood Ave., Manchester, Mass.
Stanley, Robert Remington		П	Plymouth, N. H.
Steele Carroll Dame	08	XIII	26 Columbia Road, Dorchester, Mass.
Steese, Charles Mullin, $\Phi K \Sigma$	08	II	Mt. Holly Springs, Pa.
Stein, Arthur Leon, $\theta \Xi \dots \dots$		VI S	307 Madison Ave., Scranton, Pa.
Stellwagen, Karl Donald	10	II	265 Putnam Ave., Detroit, Mich.

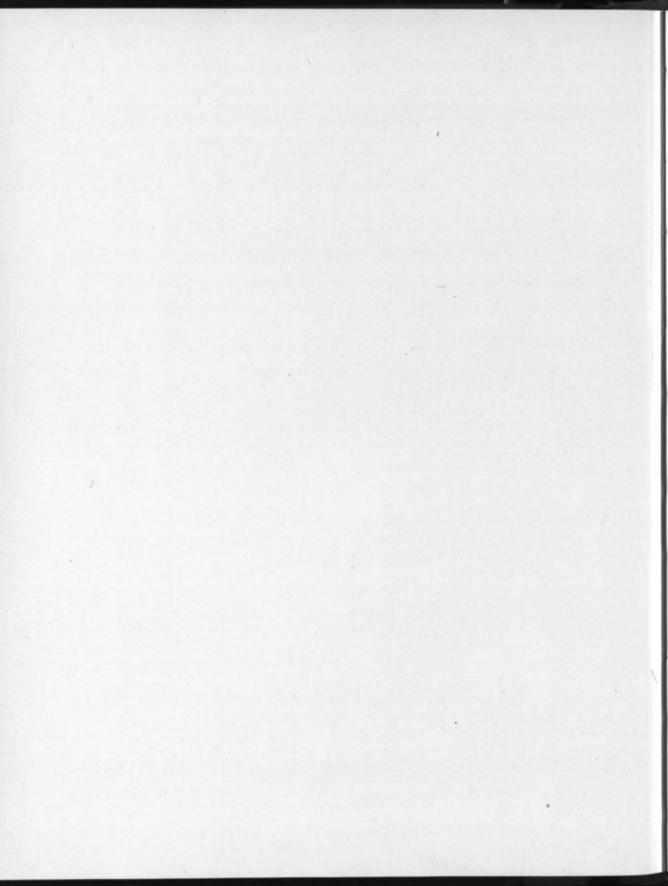
Name and Society	Class	Course	Home Address
Stephenson, Joseph Newell	09	X	Great Barrington, Mass.
Stevens, Donald Read, \Phi B E	- 11	II	32 Manchester Road, Brookline, Mass.
Stevens, Fred Barstow, Jr		II S	74 Dexter St., Malden, Mass.
Stevens, John Codding, ΣX	09	IS	458 Holly Ave., St. Paul, Minn.
Stevens, Oliver	. 10	II S	Park St., Lowell, Mass.
Stevenson, Albert Fletcher		VII S	41 Princeton St., East Boston, Mass.
Stewart, Frank Douglass		III S	812 Hemlock St., Helena, Mont.
Stewart, Harold Osborn, B.S., $\theta \Delta X$.	09	VIS	37 Clinton Ave., South, Rochester, N. Y.
Stewart, Joseph Baird, Jr	. 09	18	30 Foster St., Newtonville, Mass.
Stewart, Oswald Wellington	11	I	27 Prospect St., Hyde Park, Mass.
Stibbs, Franklyn Mosher	11	I	31 Westford Ave., Springfield, Mass.
Stiebel, Herbert Joseph, 120		III S	62 Cypress St., Brookline, Mass.
Stimpson, Edwin Francis		VI	84 Larch St., Providence, R. I.
Stone, Clarence Nelson, A.B		VIS	Fryeburg, Me.
Story, Edward Carleton	08	VIII S	59 Fort Ave., Roxbury, Mass.
Stover, Frederick Haskell	10	VII	10 Cypress Place, Lynn, Mass. 20 Olive St., Newburyport, Mass.
		VII	
Straus, Aubrey Hamilton	10	IS	1101 West Ave., Richmond, Va. 5 Mt. Vernon Place, Boston, Mass.
Stubbs, Norman Higgins, J T J	09	VI	2897 Kenmore Ave., Chicago, Ill.
Stump, Horace Eugene, Jr., 0 5		X	5336 Cornell Ave., Chicago, Ill.
Suess, Edward Maurice, B.S.		III	Apartado 20, Saltillo, Mexico.
Sullivan, George Paul		XS	57 Charlotte St., Dorchester, Mass.
Sun, To-Tán	10	III S	Shoa Chow, China.
Sun, Yuen-fong Ralph	. 11	III S	15 Peking Road, Shanghai, China.
Sutherland, Clarence Hale, A.B		IS	Brunswick, Me.
Sutton, Loyd Hall	08	XIII	32 West Main St., Marlboro, Mass.
Svarz, Louis	09	IV S	2120 1st Ave., North, Seattle, Wash.
Sweeny, Harry Patterson, A.B	08	III	Stoudsburg, Pa.
Sweeney, John Calvin, Jr		XIII A	Paris, Tenn.
Sweetser, Harvey Albert			307 Field St., Montello, Mass.
Swift, Lila Hathaway	08	IV S	Wellesley Hills, Mass.
Symmes, Ernest Montgomery	11	V	251 Lain St., Winchester, Mass.
Takes John Dodney BS	09	IV S	1610 Main St. Houston Towns
Tabor, John Rodney, B.S		IS	1610 Main St., Houston, Texas. 915 South 47th St., Philadelphia, Pa.
Talbot, James Martin, A.B., ΦN θ	08	II	249 Roseville Ave., Newark, N. J.
Tashjian, Armen Haigouni, A.B.	100 Gelsc 171	IV	Smyrna, Turkey.
Taylor, Philip Weston		I	19 Maple St., Arlington, Mass.
Taylor, Richard Raymond	10	X	Lunenburg, Vt.
Taylor, William Chittenden	08	V	Wiscasset, Me.
Temple, Edward Hastings, Jr		IS	27 Harrison Ave., Taunton, Mass.
Temple, Ray Barrus	09	II	35 Temple St., Reading, Mass.
Terry, Philip Dunbar	10	I	Waterville, N. Y.
Thode, Allan Fredrick	09	VI S	73 Spring St., Medford, Mass.
Thode, Allan Fredrick	09	IX	Brookfield, Mass.
Thompson, Maurice Raymond	10	VIII	7 Locust Ave., East Lexington, Mass.
Thompson, Paul Ellis, $\Phi \Sigma K$	10	XS	45 Powell St., Brookline, Mass.
Thompson, Rebecca Hull	09	IV S	Honolulu, T. H.
Thompson, Uldrie, Jr.	- 11	II S	Honolulu, T. H.
Thorndike, John Richard, A.B	08	IV S	181 Marlborough St., Boston, Mass.
Thornley, Albert Edward	09	II	7 Belmont St., Pawtucket, R. I.

Name and Society	Class	Course	Home Address
Throckmorton, Oak Lee, ΣAE	. 09	IS	1031 North Topeka Ave., Wiehita, Kan-
Thurlow, Leavitt Weare	-	X	4 Forbes St., Worcester, Mass.
Thurston, Robert Shipman			Honolulu, T. H.
Tilden, Merrill William		II	4947 Woodlawn Ave., Chicago, Ill.
Tillard, Thomas Atkinson, A.B., X Ø	eser.		Petersfield, Hampshire, England.
		Ī	43 East Newton St., Boston, Mass.
Tobin, John Theodore, $\theta \triangle X$		İS	815 Ohio Ave., Youngstown, Ohio.
Tod, Martin Stambaugh			
Tolman, Edward Chace	. 10	VIII	84 Highland St., West Newton, Mass.
Tolman, George Edward, A.B	. 08	VI	154 Tolman Ave., Cumberland Mills, Me.
Tomonaga, Goro	. 09	II S	Tokyo, Japan.
Toppan, William Hervey	. 08	X	120 High St., Newburyport, Mass.
Torrey, Ralph Martin, θ Δ X			88 Centre St., Brookline, Mass.
Torossian, Aram	. 08	IV	335 Washington St., Norwich, Conn.
Torossian, Gregory Eghian . Towle, Franklin Thompson, Φ K Σ	. 10	VIII S	Artvin, Caucasus, Russia.
Towle, Franklin Thompson, $\Phi K \Sigma$.	. 08	П	87 Sawyer Ave., Dorchester, Mass.
Towle, Freeman Eugene	. 08	I	91 Vernon St., Waltham, Mass.
Towne, Lockwood James, OKF		I	Greencastle, Ind.
Treuthardt, Ernest Leonard Paul	. 09	V	16 Otis St., Medford, Mass.
Tripp, James Gregory, Δ Σ Ø		I	418 Central Park West, New York City.
True, Guy Winford		IS	Readville, Mass.
True, Harold Edwin		VS	8 Greenleaf St., Newburyport, Mass.
Truette, Arthur Pierce		II	130 Dean Road, Brookline, Mass.
			Hangehow, China.
Tsai, Yuan Tze		III	Kwangtung, China.
Tse, Tsok Kai		VI	401 24th Ave., South, Nashville, Tenn.
Tuck, Davis Henry		VII	108 Hyde Park Ave., Forest Hills, Mass.
Tully, Edward Joseph		II	
Turnbull, Myrton James, & K E			6 Park Terrace, Hartford, Conn.
Turner, Arthur Hubesty			4505 Kingsessing Ave., Philadelphia, Pa.
Turner, Channing, A W		IX	Geneva, Ill.
Turner, Douglas Bennett	. 06	III S	Knoxville, Tenn.
Turner, Sterling	. 10	IS	135 Bridge St., Salem, Mass.
Tuttle, John Culliton, $\theta X \dots$. 10	II S	21 Flint St., Salem, Mass.
Underhill, Arthur William, Jr., 0 4 X	. 11	VI	83 Ingersoll Grove, Springfield, Mass.
Upham, James		VS	20 Mt. Bowdoin Terrace, Dorchester,
opinin, same	0 00	000000	Mass.
Upton, George Augustus	. 11	I	115 Federal St., Salem, Mass.
Urquhart, John Alexander, $\Sigma A E$		XÎ	38 Walden St., Concord, Mass.
Orquiari, somi Alexander, 2 A b			DO HUMAN DEL CONCORDA ANTONIO
Valverde, Carlos Alberto	. 11	S	Lima, Peru, South America.
Van Eetvelde, Raymond		III S	4 Ave., Palmerston, Bruxelles, Belgium.
Van Hovenberg, Henry Waggoner		XI	412 Congress St., Eau Claire, Wis.
Van Inwegen, Willard Bull, A.B., Z W	. 08	IS	29 Cole St., Port Jervis, N. Y.
Van Vanan Alexander Hemilton V V	G	XIII A	Howell, Mich.
Van Keuren, Alexander Hamilton, 2 X		III	11 Blackwood St., Boston, Mass.
Van Syckel, Wallace Acie	. 11		
Van Tassel, Edward Demming, Jr., Σ A	E 11	X	390 Newtonville Ave., Newtonville, Mass.
Van Valkenburgh, William Moore, B.S.	2 00	TX7 (1	Wasser Aul
$\Sigma A B$	7		Warren, Ark.
Vecker, Simon Paul		I	57 Black St., Providence, R. I.
Vining, Ralph Edward		III S	104 Central St., South Weymouth, Mass.
Vonnegut, Kurt, AT.		IV	618 East 13th St., Indianapolis, Ind.
Vose, Edwin Crawford	. 11	XI	350 Cabot St., Newtonville, Mass.

Name and Society		Class	Course	Home Address
Wade, Norman Scruton	2	11	VIS	Salem, N. H.
Wadsworth, Prescott Kingsley, 4 K E	Ð	10	III	Eastport, Me.
Walcott, John Bigelow		11	VI	90 Corey Road, Brookline, Mass.
Waldo, William Ratcliffe, \$\Delta \times \Phi\$		10	Î	110 Grover Ave., Winthrop, Mass.
Waldstein, Julius		11	Î	
Walker, Laurence Todd, $\theta \Xi$		08	VII	54 Billerica St., Boston, Mass.
		09	I	230 Main St., Stoneham, Mass.
Waller, Robert Pettit, A.B.				Bloomsburg, Pa.
Wallis, George Edward		09	II	14 Enon St., Beverly, Mass.
Wallower, Charles William, $\theta J X$.		10	VI	Harrisburg, Pa.
Walmsley, Alice Freeman, A.B.		00	VIIS	Ashland, Wis.
Walter, Ralph Collins, Ø Г 1		09	VIS	3142 Calumet Ave., Chicago, Ill.
Wardwell, Austin Kingsley		11	III S	465 Broadway, Cambridge, Mass.
Ware, Charles Edwin, Jr., 4 T J	2	10	III S	5900 West Cabanne Place, St. Louis, Mo.
Ware, Ernest Alonzo		09	XI	54 Dartmouth St., Somerville, Mass.
Warner, William Wertherby, 12 0		11	IS	172 North Perry St., Titusville, Pa.
Warren, Edmund Leon, A.B., ϕBE , ϕB		08	VI	Grafton, Mass.
Warren, Van Court, Ø B E		10	III	920 West 28th St., Los Angeles, Cal.
Washburn, Edward Wight, B.S		G	V	51 Greenbriar St., Dorchester, Mass.
Wasserboehr, Harvey Paul, Jr		10	VI	10 Williams Ave., Hyde Park, Mass.
Waterfall, Harry William		11	II	53 Fairbanks St., Brighton, Mass.
Waters, Ernest Joseph Hill, J T J		08	1	4 Auburn Court, Brookline, Mass.
Waters, Lewis William		10	V	195 South Main St., Orange, Mass.
Watson, George Smyth	-	11	IV S	135 Sanger Ave., Dallas, Texas.
Watson, John Craig		10	XS	Johannesburg, Transvaal, South Africa.
Watson, Richard Parker, 1 2 0		10	I	47 Bainbridge St., Roxbury, Mass.
Wattles, Joseph Warren, 3d		08	II	Canton Junction, Mass.
Webb, Curtis Christopher, ATQ		10	III S	11 Scott St., Cambridge, Mass.
Webb, Harry, \emptyset B E		08	III S	Springfield, Ohio.
Weeks, Allen Taber, & K E		09	II	Marion, Mass.
Weeks, Harold Eastman, $\theta \equiv \dots$		09	IX S	212 Bellevue Ave., Montclair, N. J.
Weeks, Lawrence Babbitt	w.	11	VI S	1616 21st St., Washington, D. C.
Weeks, Lester Sumner		08	VI	72 Granville Ave., Malden, Mass.
Weiler, Rudolph Boynton		08	II	26 Brooks St., Brighton, Mass.
Weill, Melville Kaiser, # 2 K		09	II	Apartado 863, Mexico, Mexico.
Weinhagen, George, Jr., O K 2		10	II S	2306 Cedar St., Milwaukee, Wis.
Weisberg, Edward Isador		11	VI	90 Pearl St., Somerville, Mass.
Welch, Walter Perkins		11	VI	27 Concord St., Malden, Mass.
Wells, Ernest Edward		09	X	Toronto, Canada.
Wells, Philip Varnum		11	VII	15 Fairview St., Roslindale, Mass.
Wells, Roland Bailey		11	II S	920 Massachusetts Ave., Arlington, Mass.
Wells, Russell Diemer		10	VI	Spring City, Pa.
Wells, William Firth		09	VII	15 Fairview St., Roslindale, Mass.
Weltmer, Noyes		10	III S	Santa Fé, New Mexico.
Weltmer, Noyes		08	V	Waverly, Ill.
Wen, Ching Yu		08	III	Canton, China.
Wengert, William Harry, B.S.		10	II	1020 Mifflin St., Lebanon, Pa.
Wentworth, Philip Montgomery		09	VIS	Wellesley Hills, Mass.
Wentworth, John Prescott		10	XI	7 Park Ave., Malden, Mass.
West, William Charles, Φ K Σ		11	II	4348 Grand Boulevard, Chicago, Ill.
Westervelt, George Conrad, X Ø		G	XIII A	c/o Navy Department, Washington, D. C.
Whipple, Malon Patterson, A.B		09	VS	Solon, Me.
Whitaker, Harry Emerson, $\Sigma A E$.		09	VI	118 Hunnewell Ave., Newton, Mass.
Whiteomb, Emmons Joseph		11	X	358 Broadway, Winter Hill, Mass.

Name and Society	Class	Course	Home Address
White, Clifton Hackett	. 09	III	58 Grafton St., Newton Centre, Mass.
White, Cyrus Newell	1000	XI	266 Albion St., Wakefield, Mass.
White, Joseph Henry, & X		XIS	48 Holly St., Lawrence, Mass.
White, Peter Desmond	. 11	II S	53 East 34th St., New York City.
Whithed, Houghton Hamilton, ΣX	. 10	VI	147 Reeves Ave., Grand Forks, N. D.
Whiting, Mason Tuxbury, A.B.	. 08	Î	145 Essex St., Longwood, Mass.
Whitmore, Charles William		ÎS	3½ Dover St., North Cambridge, Mass.
Whitney, James Theodore	4.46	IV	13 Gould St., Wakefield, Mass.
Whitney, William Orr		VII S	270 Main St., North Adams, Mass.
Whittemore, Theodore Browning, & K E	10	XI	St. Francis Court, 135th St., New York
Willitemore, Theodore Drowning, 2 n 2		***	City.
Whitten, C. Ernest, ATA	. 08	II S	150 Bowler St., Lynn, Mass.
Whittle, George Dilley, B.S., Φ Δ θ	. 08	I	Georgetown, Texas.
Wholley, Roy Augustus Wholley	. 10	II S	21 Marcella St., Roxbury, Mass.
Whorf, Allison Howes	. 10	III S	68 Charles St., Dorchester, Mass.
Wilbur, George Browning		VS	330 Waltham St., West Newton, Mass.
Wilbur, Harold Raymond		VI	Kingston, Mass.
Wilkes, Gordon Ball	. 11	11	495 Lafayette Ave., Buffalo, N. Y.
Wilkinson, Thomas Lambert	. 09		Riverside, N. J.
Willard, John Artemas		II .	Wrentham, Mass.
Willey, Frank William, B.S., B & II		VI	3453 Whitfield Ave., Cincinnati, Ohio.
Williams, Charles Sumner, Jr., 4 4		V	House F, Navy Yard, Charlestown, Mass.
Williams, Edgar Irving, A Ø	7/2 Take	IV	131 Passaic Ave., Rutherford, N. J.
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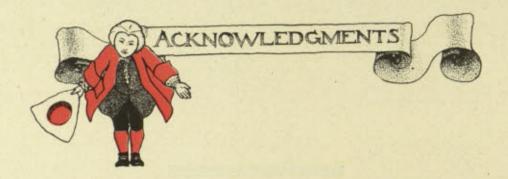
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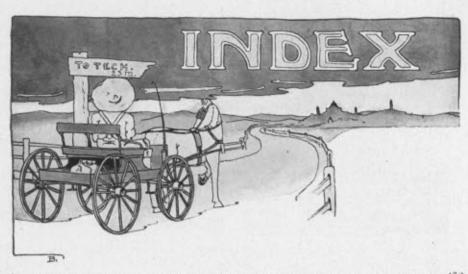
GUY WARNER EASTMAN
Assistant in Physics Laboratory
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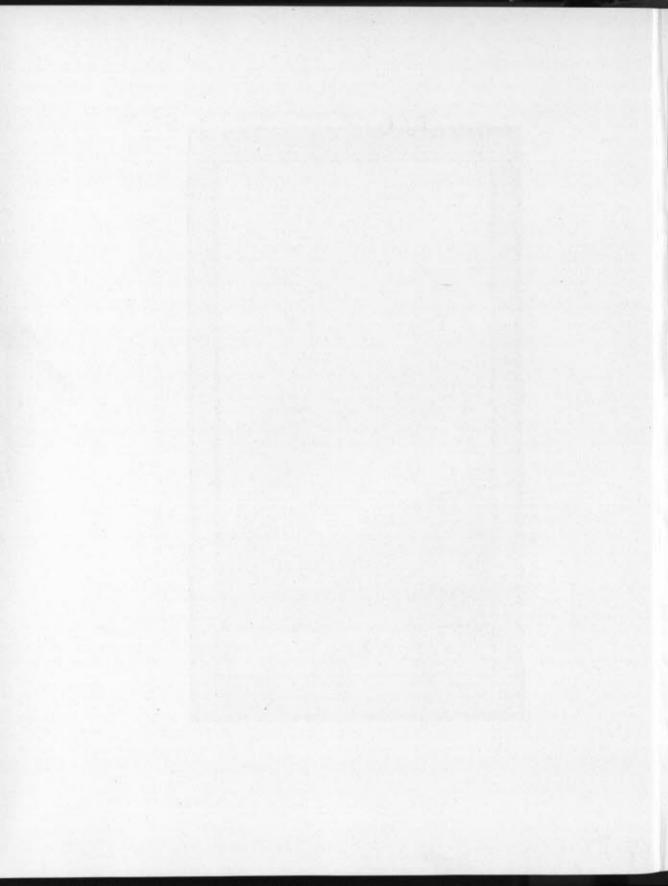
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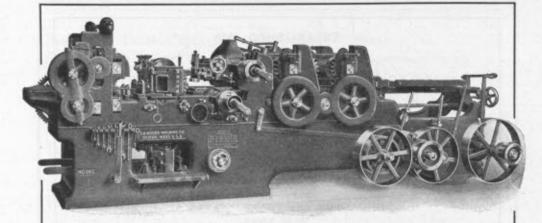
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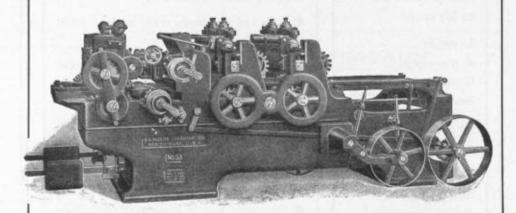
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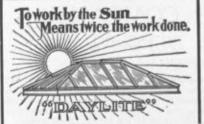
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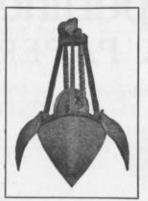


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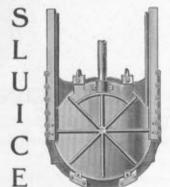
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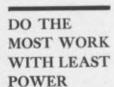


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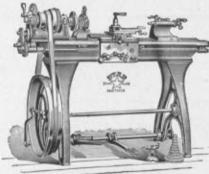
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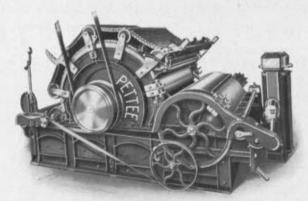
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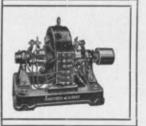
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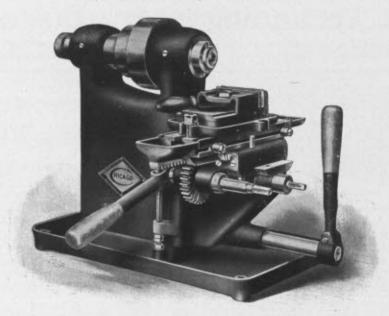
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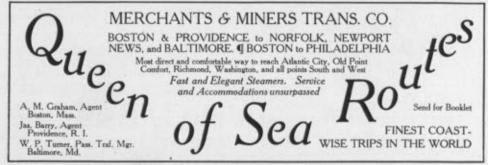
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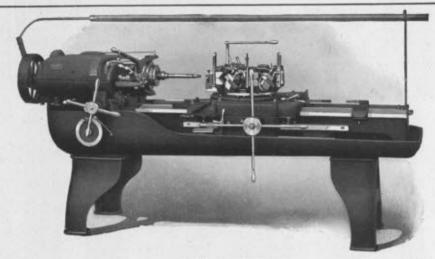
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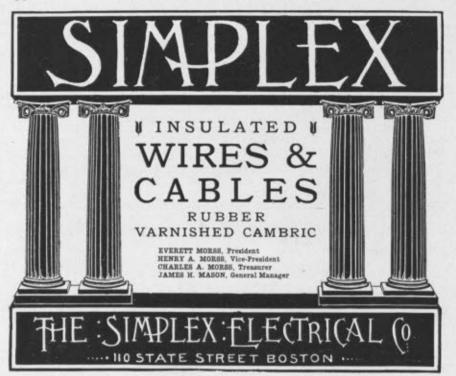
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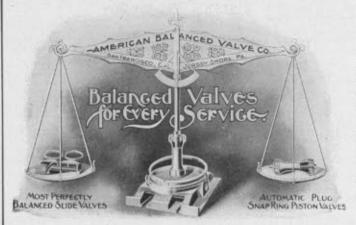
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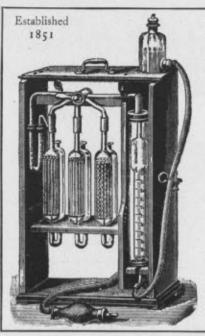


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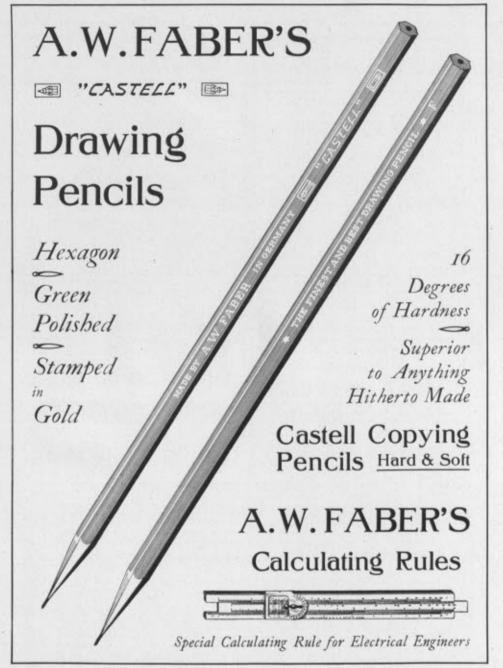
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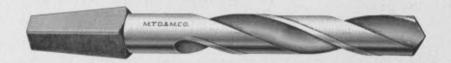
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