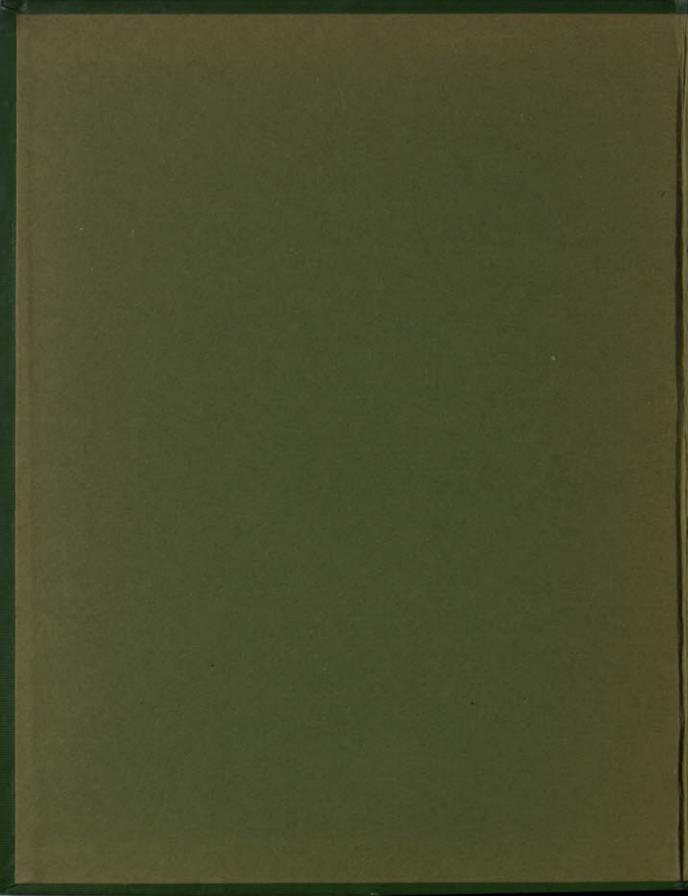
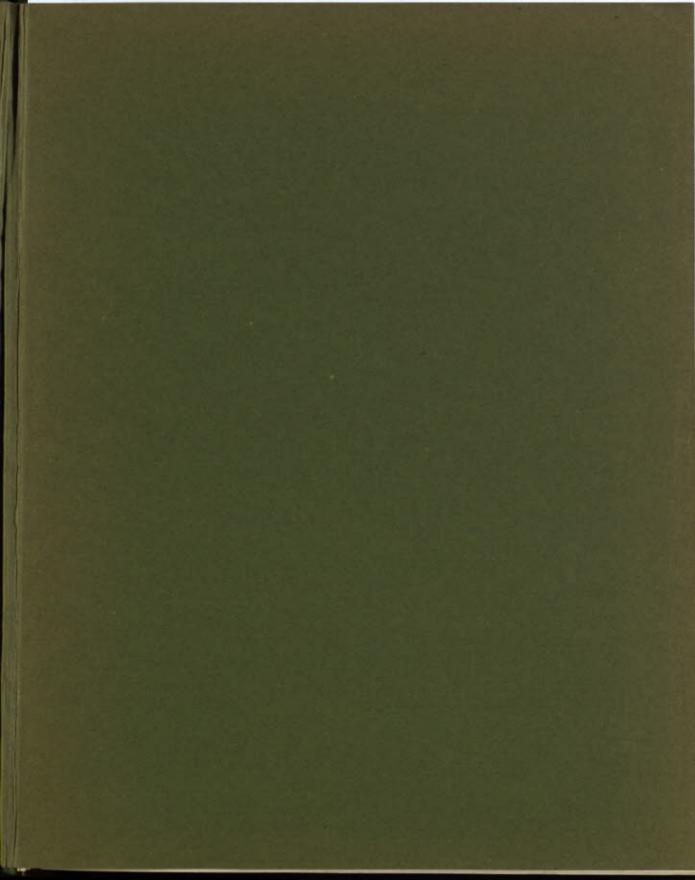
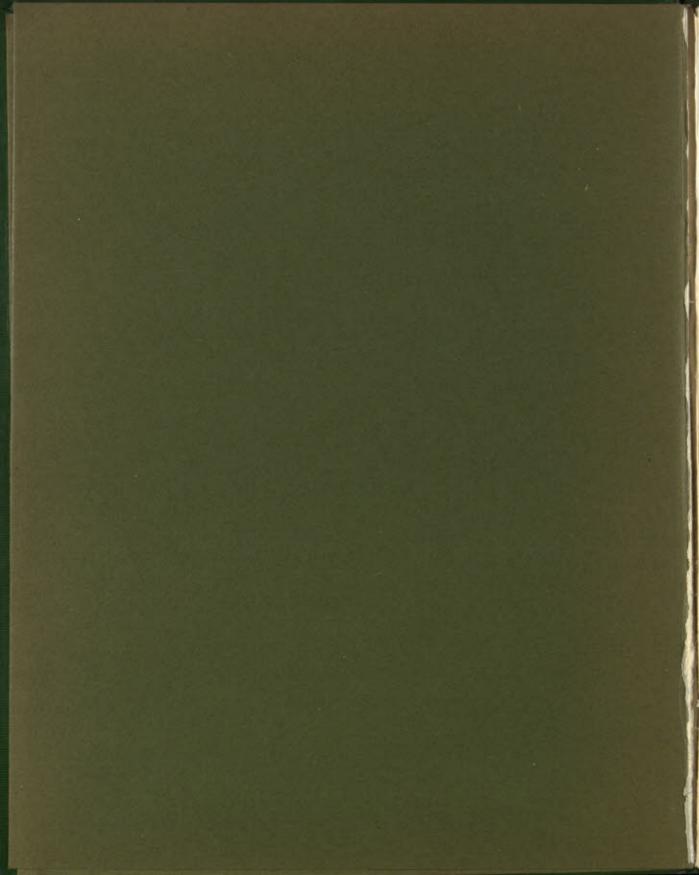
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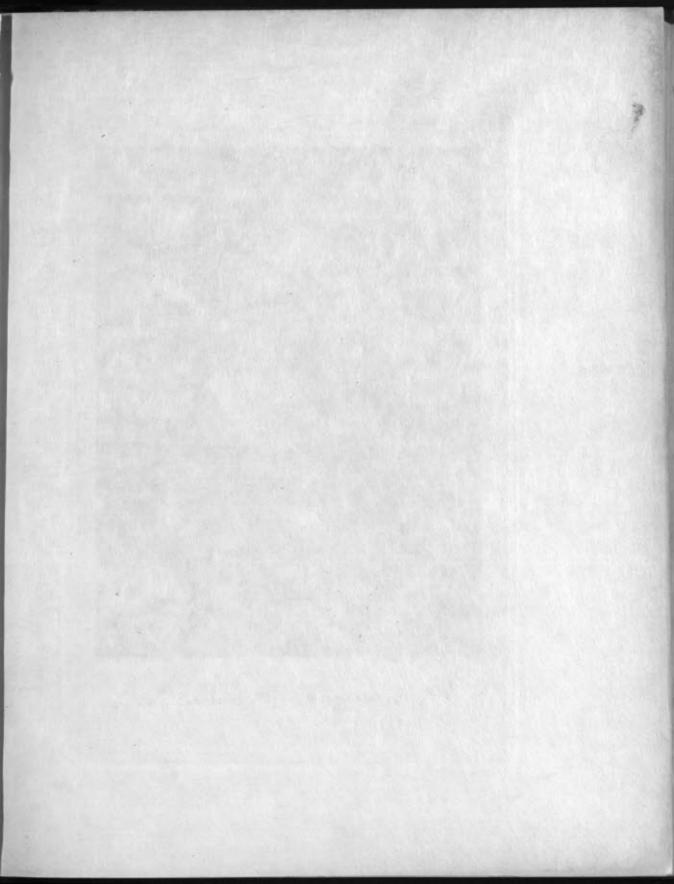


TECHNIQUE



VOLUME XX

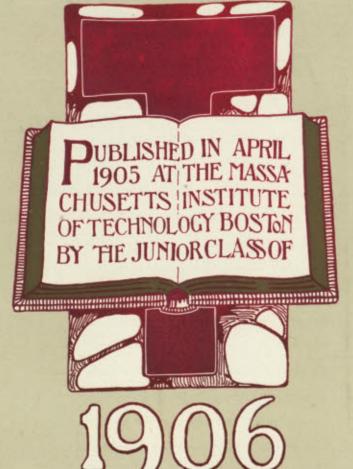
TO AN UNTIRING CITIZEN
A COURAGEOUS STATESMAN
AND A FEARLESS SOLDIER
WE RESPECTFULLY
DEDICATE THIS BOOK





Theodore Roosevely

TECHNIQUE



C.N.

FOREWORD

THE Board of Editors representing the Class of 1906 of the Massachusetts Institute of Technology, present to Technology men and to their friends this Twentieth Volume of TECHNIQUE. The general character of such an annual must of necessity remain the same from year to year, but an endeavor has been made to brighten the interior by the use of an increased amount of color work. It has been our effort to bring out a book characteristic of all that is best and of most enduring value in our life here, and one that would emphasize and give voice to that vein of pleasantness and humor which, despite the seeming monotony of our daily work, does exist in large measure for those who would find it.

In conclusion we wish to extend our thanks to all those who have helped make this book what it is.



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April, 1904

- 2 Tech Show Dinner at Tech Union.
- 4 1906 Class Meeting.
- 9 1907 Class Meeting.
- 19 Institute Exercises suspended.
- 22 Senior Class Dinner, Copley Square Hotel.
- 23 Annual Spring Games, Newton Athletic Club Grounds.
- 25 Dress Rehearsal, Tech Show, "Simon Pure Brass," at Malden.
- 26 Institute Exercises suspended. Tech Show, Hollis Street Theatre.
- 27 Individual Competitive Drill at Armory. Annual Spring Concert and Dance of Musical Clubs, New Century Building.
- 28 TECHNIQUE Rush, behind Art Museum. Junior Prom., Hotel Somerset. The Tech Tea, General Library. Baseball: The Tech vs. TECHNIQUE.
- 29 Institute Exercises suspended. Tech Show, Hollis Street Theatre.

May

- 2 Tech Show Dinner, Tech Union.
- 5 Debate: Walker Club vs. Civil Engineering Society. Annual Dinner, Architectural Society, Westminster Hotel.
- 7 Dual Track Meet with Dartmouth, Newton Athletic Club Grounds.
- 11 Sopohmore-Freshman Baseball Game.
- 14 Dual Track Meet with Amherst, Pratt Field, Amherst. Sophomore-Freshman Baseball Game.
- 17 Final Sophomore-Freshman Baseball Game.
- 18 Walker Club Dinner at Technology Club.
- 21 Annual N. E. I. A. A. Meet at Worcester.

June

- 4 Annual Concert to Graduating Class by Musical Clubs, Huntington Hall.
- 5 Baccalaureate Sermon, Trinity Church.
- 6 Class Day Exercises, Currier Lang, First Marshall. First Day of Alumni Reunion.
- 7 Commencement Day. Graduation Exercises. Tech Night at "Pops," Symphony Hall.
- 8 Harbor Excursion, Alumni Dinner at Hotel Somerset.

September

- 28 Institute Exercises begin. Freshman Organization.
- 29 The Tech Dinner to Freshmen at Tech Union.
- 30 Y. M. C. A. Reception to Freshmen at Tech Union.

October

- 6 1905 Class Meeting.
- 8 Sophomore Class Dinner at Tech Union.
- 11 Civic Club Smoker, Tech Union. 1906 Class Meeting.
- 15 1908 Class Meeting.
- 21 1907 Class Meeting.
- 27 General Convocation; Rt. Rev. Charles H. Brent, Bishop of the Philippines.
- 28 Walker Club Reception to College Graduates at Technology Club. 1906 Class Meeting.
- 29 Fall Handicap Meet at Technology Field.

November

- 1 Instructors' Club Organization.
- 2 Republican Parade.
- 4 1907 Class Meeting.
- 9 Meeting of M. I. T. A. A. for reorganization.
- 12 Fourth Annual Field Day. Harvard-Technology Cross-Country Race. Tech Night at Globe Theatre.
- 14 Field Day Dinner.
- 15 Civic Club Meeting at Tech Union.
- 18 1905 Class Meeting.
- 19 1908 Class Meeting.
- 22 1907 Class Meeting.
- 24 Institute Exercises suspended.
- 29 Junior Class Dinner at Tech Union.

December

- 3 Senior Night at Tech Union, Mock Trial.
- 7 Institute Exercises suspended. Centennial Anniversary of Birth of William Barton Rogers.
- 14 General Convocation; Address by Booker T. Washington.
- 16 Reorganization M. I. T. Athletic Association.





29

21 1906 Class Meeting. Annual Winter Concert of Musical Clubs, New Century Building.

3 Annual Dinner M. I. T. Alumni Association, Hotel

Brunswick. .

24 Annual Christmas Reception by Dr. and Mrs. Pritchett at Tech Union.

26 Technology Club Reception to Institute men.

30 Publication of Decision of Board of Police in Regard to Tech Riot.

January, 1905

- 5 Dinner of Combined Western Clubs at Tech Union.
- 6 Annual Walker Club Dinner at Technology Club.
- 10 Instructors' Club Dinner at Tech Union. Civic Club Meeting.

February

7 Exercises open.

 B. A. A. Games, Mechanics Hall. Relay Races between M. I. T. and Bowdoin, and M. I. T. and Dartmouth. Tech vs. Amherst: Basket Ball.

14 General Convocation; Dr. Charles C. Hall. Civil Club Dinner, Tech Union.

15 Instructors' Club Dinner, Technology Club.

16 Annual Indoor Meet: Gym., Exeter Street.

18 Debate between Walker Club and Civic Club. 1908 Class Meeting. N. E. I. A. A. Annual Meeting.

21 Triangular Fencing Meet: Technology, Harvard and Columbia.

27 Tech vs. Worcester Polytechnic Institute.

March

1 Tech vs. Holy Cross: Basket Ball.

2 Senior Dinner, Tech Union.

3 Triangular Fencing Meet: Technology, Harvard and Cornell.

10 Tech vs. Dartmouth: Basket Ball, Tech Gym.

30 Civil Engineering Society Dinner, Copley Square Hotel.

April

4 Election of 1905 Class Day Officers; Grosvenor Dewitt Marcey, First Marshal.

22 Annual Spring Meet. Tech Field.

26 Annual Spring Concert and Dance by the Musical Clubs.

27 TECHNIQUE, 1906, Vol. XX., issued at noon. Junior Prom. at Somerset. Tech Show at Hollis Street Theatre.

28 Tech Show at Hollis Street Theatre.

Baseball: The Tech vs. TECHNIQUE.

May

13 Dual Meet with Amherst at Tech Field, Brookline.

20 Annual N. E. I. A. A. Meet at Worcester.



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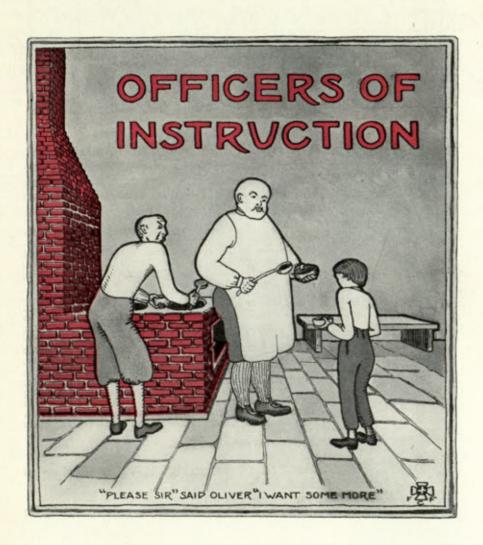
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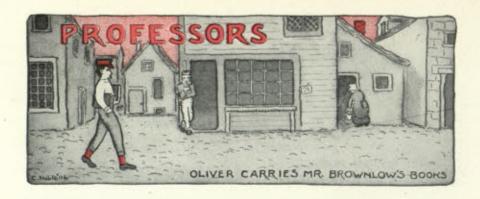
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Report on Observations of the Total Eclipse of July 29, 1878; Observations of Conjunctions of the Satellites of Saturn; A Determination of the Mass of Mars; A Determination of the Diameter of Mars from Micrometric Observations, with a Discussion of Systematic Errors; Determination of the Longitude of the Mexican National Observatory. The Transit of Mercury, 1891; Report of Washington University Eclipse Expedition; The Solar Corona of 1899 with Discussions of the Photographs; Eclipses of Saturn's Satellites and Their Use in Determining the Planet's Diameter (with tables); Personal Equation in Time Observations; Meridian Circle Observations, etc.; A Plan for an International Arc of the Meridian; and many other papers and reports.

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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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Instructor in Physics, Massachusetts Institute of Technology, 1870-71; Assistant Professor of Physics, 1871-75; Professor of Physics from 1875; in charge of Department of Physics from 1877; in charge of Course in Electrical Engineering from its establishment in 1822 till 1902.

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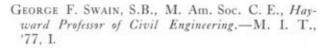


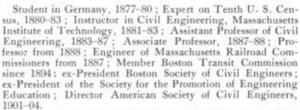
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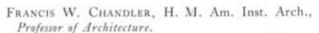
Author of Applied Mechanics (1885), and of many papers in Transactions American Society of Mechanical Engineers, Proceedings Society of Arts, Proceedings British Institution of Civil Engineers, Technology Quarterly, etc. Notes on Me-chanical Engineering (1886). Notes on Friction (1887), etc. Residence, 22 West Cedar Street.





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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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 Super-vising 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

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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.

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
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Author of Notes on Governors and Fly Wheels (1885), Notes on Valve Gears (1887), Thermodynamics of the Steam Engine and other Heat Engines (1889), Tables of the Properties of Saturated Steam (1888), 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. Residence, 25 Columbia Street, Brookline.



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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, The 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, and The Diary of a Saint.

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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, 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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Author of Measurement of the Angular Deflection of Beams Fixed at One End, 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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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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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. Residence, 149 Hawthorne Street, Malden.

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Practicing Metallurgist, 1877-85; Private Assistant to Prof. R. H. Richards, and Lecturer on Metallurgy, Massachusetts Institute of Technology, 1887-88; Professor of Metallurgy and Assaying, Dakota School of Mines, 1887-88; Assistant Professor of Mining and Metallurgy, Massachusetts Institute of Technology, 1889-91; Associate Professor of Mining and Metallurgy, 1891-98; Professor of Metallurgy from 1898.

Author of The Metallurgy of Lead (1892-99), An Outline

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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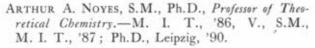
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Chemistry, from 1902.

Author of Ueber das Verhalten der Tiglinsäure und Angelicasäure gegen Bromwasserstoff und Jodwasserstoff (1890); Notes on the Action of Hybromic and Hydriodic 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.



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.

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Member of the Institute of Naval Architects and of the American Society of Naval Architects and Marine Engineers. Author of Submarine Boats, and also two books on Physical Exercise, and various scientific papers.

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Assistant in Petrography, Harvard, 1904; Instructor in Geology, 1895; Assistant Professor, 1903; Professor of Geology, Massachusetts Institute of Technology, 1904; Assistant

Geologist, U. S. G. S., 1893 to 1903.

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 Minererals in Jour. Geol.; on Melonites (jointly with R. T. Jackson) in Bull. Geol. Soc. Amer.; on Pegmatite and on Ripple Mark 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; Fellow of American Academy; Member Boston Society Natural History. Residence, 17 Brewster Street, Cambridge, Mass.

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Second Lieutenant 10th U. S. Cavalry, 1877; First Lieutenant, 1883; Captain, 1893; Major, 9th U. S. Cavalry, 1902; retired 1904; Instructor in Modern Languages at U. S. Military Academy, 1880–84; member of U. S. Cavalry Association, Military Science Institution of U. S., Military Historical Society of Massachusetts, and Technology Club.

Author of Mars la Tom and Gravelotte; The Principles of Strategy and Reminiscences of the Santiago Campaign.

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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

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Member of Jury of Awards, Buffalo, 1901; Member of Society for Promotion of Engineering Education.

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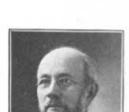
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Author of Geology of Eastern Massachusetts, Geology of the Boston Basin, Common Minerals and Rocks, Guides to Mineralogy and to Dynamical Geology and Petrography, Tables for the Determination of Common Minerals, and numerous papers on the Geology of New England, the Black Hills, Cuba, Trinidad, etc.; and on Joint Structure, Faults, Origin of Continents, Colors of Soils, Concretions, Drift, Ore Deposits, etc., published in Proceedings of the Boston Society of Natural History, American Journal of Science, Geological Magazine, Technology Quarterly, etc. Residence, 9 Park Lane, Jamaica Plain.



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Author of Ueber Pseudominimalflächen, 1895; Plane and Solid Analytic Geometry (with Professor Bailey, 1897); Forms of Non-Euclidean Space (Boston Colloquium), 1905; Papers in Mathematical Journals; Editor of Annals of Mathematics. Residence, 123 Sumner Street, Newton Centre,



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Author of Laboratory Notes on Physico-Chemical Measurements; Notes on Physical Laboratory Experiments; Some Experimental Researches in Acoustics, 1890; Studien zur Voltasche Kette, 1892; The Fundamental Laws of Electrolytic Conduction, 1899; and various papers in scientific journals. Residence, 232 Townsend Street, Roxbury.



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Editor of Cyclopedia of Engineering; author of Notes on Methods of Telegraphy; Notes on Dynamo Design; and a number of papers in various technical publications.

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Author of Ueber die Rotations Dispersion der Weinsäure und des Terpentinöls; Paper on some Experiments with the Phonograph relating to the Vowel Theory of Helmholtz; Secretary of Society of Arts (1899–1902), Massachusetts Institute of Technology.

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Principal in the Boston Free Evening Drawing Schools from 1880; Principal of the Roxbury Free Evening Drawing Schools; Assistant in Descriptive Geometry, Massachusetts Institute of Technology; Instructor in Freehand Drawing at Massachusetts Institute of Technology from 1886; President of the Association of Teachers of Boston Evening Drawing Schools, 1903; Assistant Professor of Mechanical Drawing at Massachusetts Institute of Technology from 1903.

Pictures exhibited at Boston Art Club and Copley Association of Boston, New York Academy of Design, and Philadelphia Academy of Fine Arts.

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Fred L. Bardurll

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Assistant in General and Sanitary Chemistry, Massachuchusetts Institute of Technology, 1884-86; Instructor, 1886-87; Water Analyst State Board of Health, 1887-88; Instructor in Gas Analysis, Massachusetts Institute of Technology, 1890-94; Assistant Professor from 1894; Assistant Professor of Technical Analysis from 1903; Lecturer at Wellesley College, 1893-94. President North Eastern Section of the American Chemical Society, 1903.

Author of Gas and Fuel Analysis for Engineers (1896), New Edition (1902), A Short Handbook of Oil Analysis (1897), New Edition (1903), and of twenty papers in scientific periodicals. Editor of a Register of Publications of the Institute (1862–1893), First Supplement (1893–1898). Residence, Canton Corner.



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Author of several articles in Technology Quarterly, An Elementary Treatise on Plane Surveying and Navigation. Residence, 60 Webster Street, West Newton.



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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, 45 Oriole Street, West Roxbury.



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Assistant in Physics, Massachusetts Institute of Technology, 1893-95; Instructor in Physics, 1895-99; Instructor in Heat, Measurements, 1899-1900; Assistant Professor from 1900. In charge of the Insurance Engineering Experiment Station,

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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Private Assistant to Professor Sedgwick, 1894-95: Assistant in Biology, Massachusetts Institute 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, 1903-1905.

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 bac-

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Transitman and Computer, Massachusetts and Vermont boundary line survey, 1893; Graduate Student Massachusetts Institute of Technology, 1894; with Phænix Bridge Co., 1895-96, and summers of 1897-1900, inclusive; Assistant, Massachusetts Institute of Technology, 1896-97; Instructor, 1897-1902; Assistant Professor from 1903; since July, 1901, employed by Engineeing Department of city of Boston, as bridge designer and checker. Author of "Notes upon the Design of Beams, Girders and

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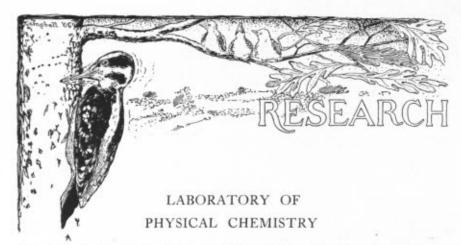


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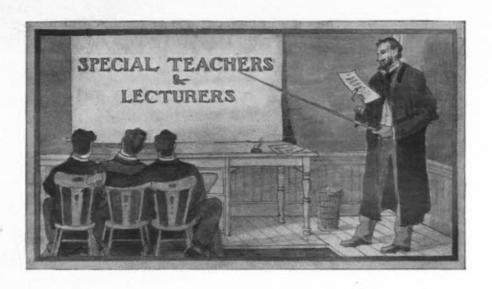
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WHITE HOUSE, WASHINGTON.

MY DEAR MR. EDITOR :-

Let me, through you, thank the editors and readers of TECHNIQUE for its dedication to me.

The graduates of the Massachusetts Institute of Technology, as engineers, have a chance to exert great influence for good as regards one of the chief issues before us as a people—that of securing in our modern industrial system a healthy working agreement between the representatives of capital and labor. As engineers you ought properly to stand between the extremists on the two sides. Both by your training, and by the actual experience of your lives as you will hereafter lead them, you should find yourselves fitted to do important work for good to the entire country by exerting your influence in common sense, straightforward, manly fashion on the side of those who believe that the one and only guaranty of the success of our modern industrial system is to be found in the gradual growth of the spirit which will make each man, whether employer or employee, while standing up for his own rights, ashamed not to render full justice to all others, nor to remember that it is even more incumbent upon him to remember his duties than his rights.

Sincerely yours,

Theodore Roosevely

September 29, 1904.

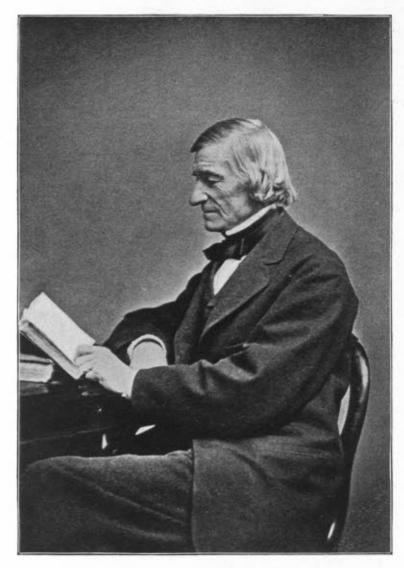


YEAR has just passed which should stand forth before Tech men as memorable—the one hundredth anniversary of the birth of William Barton Rogers, founder and builder of the Massachusetts Institute of Technology. His name does not stand so high from the mere fact that he founded the Institute, but from the fact that by his untiring efforts, his wonderful executive ability and his broad intellectuality, he gave to it so firm and permanent a foundation, and so broad and ideal an object. It is for us to see how nearly our Tech has approached his ideal Tech.

In 1804 William Barton Rogers was born in Philadelphia. His early life, until he was twenty-one, was spent principally in studying with his father. He early showed that he was imbued with a love of learning such as was sure to win him success. When he was only seventeen his marked oratorical powers, which helped him so much in his later life, were brought to the attention

of his professors and classmates.

During the summer of 1826 he and his brother Henry, to whom he was greatly devoted, and with whom he was so closely connected in all his pursuits throughout his life, started a school at Winsor, near Philadelphia. Here he received his first experience in teaching—the profession for which he was so admirably adapted. In 1828 William Rogers was elected Professor of Natural Philosophy and Chemistry at William and Mary's College, and later also filled the chair of Mathematics. Soon after his election here he and his brother Henry undertook to interest the Legislature in the matter of a geological survey of Virginia. After a year of hard work trying to persuade the Legislature to authorize this survey he



WILLIAM BARTON ROGERS

succeeded. After serving seven years at William and Mary's College he was elected Professor of Natural Philosophy in the University of Virginia. While this change took him from the bad malarial climate of Williamsburg, his health was not much improved, on account of the arduous labor of dealing with the riotous students, and at the same time planning the survey, which was being carried out entirely under his directions. The successful completion of this survey, combined with the task of securing money from the Legislature, gave Rogers a well-deserved standing before the scientific and educational men of the country. Rogers had shown such remarkable ability during his connection with the University of Virginia that in 1844 he was elected chairman of the faculty, a position practically the same as president.

It was at about this time that William Rogers and his brother Henry became interested in Boston, then, as now, the educational center of this country. The brothers had talked over and planned a polytechnic school to be established in Boston; and although nothing definite had been attempted, their plans were the foundation of the present institution, and what is more remarkable, the Institute is carried on to-day under practically the same plans.

In 1849 Rogers was married to Miss Savage, and soon afterwards he and his wife went abroad. During the trip he met a great many noted educators and scientists, and created among them a profound interest in him and his work.

On account of the lack of opportunity to pursue his various projects while he was connected with the University of Virginia, in 1853 he tendered his resignation, and came to Boston to live.

The actual beginning of the Institute took place in 1860, when Rogers presented a petition to the Legislature for a grant of land in the Back Bay district, and an act of incorporation for his proposed polytechnic school. This year he failed to accomplish his object, but during the next term, after having corresponded with influential men all over the state, and after forming a "preliminary organization," consisting of the strongest and most

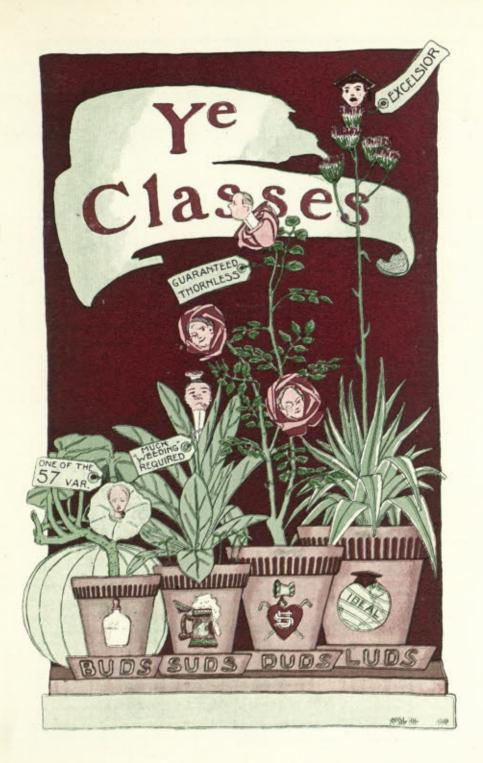
prominent men in the neighborhood of Boston, he again sent in his petition. This year he met with success.

Now came the hardest task,—that of collecting the money called for by the act of incorporation. On account of the enormous expense of pursuing the War, it was over two years before

enough money was subscribed to start the school.

On February 20, 1865, the then called "School of Industrial Sciences" was opened. President Rogers wrote: "Organized the school. Fifteen students entered. May not this prove a memorable day!" After twelve years of thinking and planning, six long years of fatiguing efforts, the gigantic task was at last successfully started. A few years more and it was shown that the school was to be permanent, and that it was occupying a beneficial position. What greater tribute could a man have than such a school as this, founded on his ideals, started by his efforts, and continued on the plans drawn up by his broad and fertile brain?

The next five years found President Rogers struggling manfully against all opposition, even while he was in such a state of health that most men would have found it impossible to undertake anything. The Institute slowly grew from year to year. Its path of advance was obstructed with numerous obstacles, all of which Rogers overcame with his usual tact and ability. But in 1870 the strain, caused by the terrible load he had been carrying, became too great, so that his health gave way completely, and he was forced to resign from the presidency. His partial recovery and immediate resumption of his duties, the result of which cost him his life, showed what an indomitable will Rogers had. Standing before a graduating class, just about to wish them a God-speed from his Institute, to which he had given a great share of his energy, his knowledge and his love, President Rogers, without any apparent warning, fell to the platform dead. Such was the life and death of "Our" Rogers,—a man beloved by all who knew him; respected and honored throughout the world.



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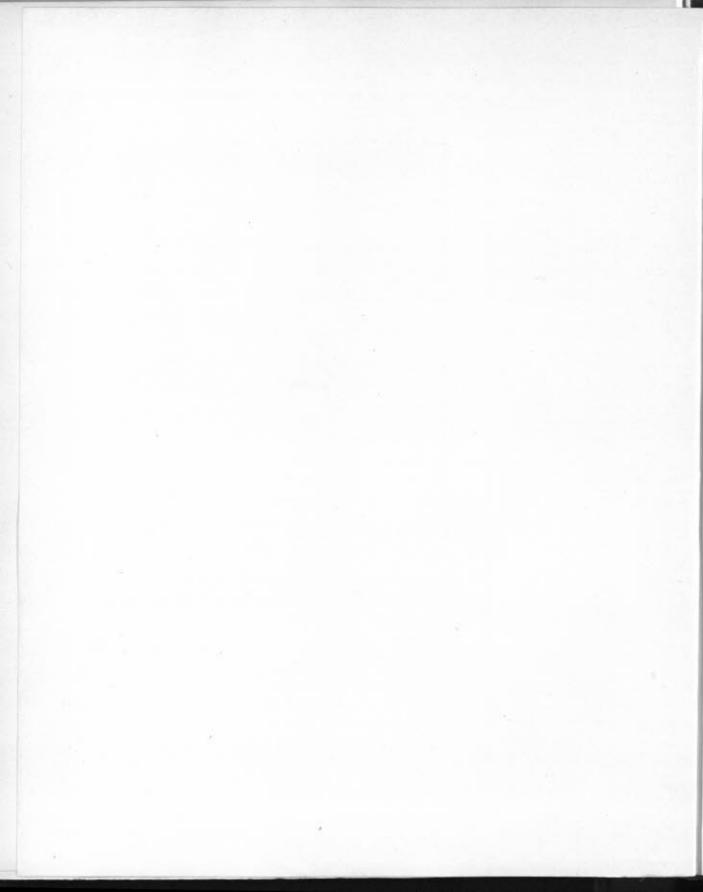
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Senior History

De

ES," said MARCY, slowly, "those were good old days. We thought at the time that we were worked to death, but we really had a pretty good time as we went along." The occasion on which these words were spoken was one of the Tech dinners held at irregular intervals whenever enough old grads happened to be in the vicinity of Denver to increase the local contingent to a good-sized crowd. "It seems only a short time since we established a record by winning two Field Days straight. From what I hear the Freshmen have never won from that day to this." "Those were merry times we had in drill, too," said BILL GOUINLOCK, with a far-away smile on his heavily bearded but otherwise kind face. "Remember NED READ, Captain of Company FF? How he used to run his men up and down the hall before the admiring eyes of a select committee of St. Botolph Street queens in the balcony." "Yes," said CHARLIE JOHNSTON, "and I remember how puzzled Tommy Pope was up in the Chem. Lab. when one of the fellows fixed up a paper windmill under the water tap, and kept it going by the air from the blast located about four feet away. With the water turned off Tommy couldn't imagine what made it go round." "Great old rough house we had at the time of our Freshman banquet," said BOBBY GARDNER. "What an exciting time there was when ELLIOT was kidnapped. No such good times these days"; and the hero of the Republican parade fight sighed deeply. "I think on the whole though that we had more fun Sophomore year than any other," put in BILL MOTTER. "With Charlie and Arlo we had a team that even the Apple Sisters would find it hard to beat. How sore Charlie was the time SEEDY KLAHR, seeking higher things, came rising through the floor; and Arlo, he of the uplifted eyebrows and glance of disdain, whose reproving

'No, no,' would quiet the troubled waters of disorder to a gentle murmur in unison of 'A boy's will is the wind's will, and the thoughts of youth are long, long thoughts." "When I think of that oft-repeated poem it somehow reminds me of a little trip LAMBIE and HOLLIDAY took about that time," remarked BRUCE HILL, laughing like anything as the affair came back to him. "Not many knew of that happy occasion, but it's too good to keep any longer. It happened this way: LAMBIE received a note from a fair one in Newton whom he had met not very long before at a very swell function. The note invited him to come and drive, bringing his friend Mr. Holliday. JIM in his delight misread 'drive' for 'dine,' and broke the glad tidings to JOHN H. that Flossie had invited them out for a feed, and had concluded by saying to come out about three o'clock. HOLLI-DAY was rather surprised at the early hour, but accepted without a murmur. Both boys ate nothing but Grape Nuts for two days, by way of getting into condition, and JOHN learned two pages of Ezra Kendall's Spots of Wit and Humor, so as to make a hit with mother as a genial wit. JIM was prepared to do his worst as a regular cut up, and practiced a new trick with a coin and napkin. On reaching Newton they were received with both hands, for Flossie was nothing if not cordial, and were taken for a drive, which came as a pleasant surprise. Returning to the house they made themselves very much at home, but as the fatal hour drew near Flossie became worried, and finally mother came in and invited them to dinner. This seemed a bit odd, but an invitation repeated is a bid indeed, so what of that. It happened to be a Saturday night, and beans was the order of events. Several remarks by the kid brother set JOHN H. thinking, but JIM, suspecting nothing, was getting outside of brown bread in record style. When a large and juicy pudding appeared the kid cried out, 'Why, I thought we were going to have that to-morrow!'" It was a perilous moment, and conversation lagged. Finally, however, dinner was over, and after a reasonable delay they fled. HOLLI-

DAY was angry, and wanted to 'see that letter.' LAMBIE was rather hurt that JOHN should be so suspicious, but produced it. Result-a special delivery. And now when JIM gets a dinner bid he calls a consultation." "That reminds me," said NED JEWETT, when things had quieted down once more, "of how RALPH WHITCOMB lost out as a result of dining with his girl and her family. You see RALPH was greatly interested in a fair maiden who lived in some half-baked suburb, and great was his joy when he got a bid to dine with the family. WHIT was all for it, and saw himself bandying jests with the father, and impressing the mother by the easy, unstudied grace of his manner. I believe he went so far as to have a rehearsal at Tech House, CHARLIE SMITH being cast as the father, CHARLIE DEAN as the mother, and CAP. BEARD covering himself with glory as the demure maiden. RALPH had everything framed up fine, and by means of a few notes on his cuff, confidently expected to score a three-base hit and steal home. When they reached the table he was in fine form, and for about ten minutes he kept up a marvelous speed, as he was determined to show them that he was thoroughly at home with all the best families. Somehow there seemed to be some restraint on their part, but nothing daunted RALPH redoubled his efforts. Finally, when he had to stop for breath, the father said, impressively, 'I will now say grace."" "The boys out at the Tech Settlement didn't have such a bad time as that," said ROSS DAVIS. "They did some good work, and had considerable fun at the same time. Their chief stunt seemed to be to take personally conducted parties of Wellesley girls to see the heathen, including a trip to Chinatown. And the famous people they entertained at dinner! Everyone from John Mitchell and Lydia Pinkham to 'SOC' SPAULDING. One night BILL GREEN was visiting PERKINS at Salem, and startled the family at dinner by suddenly banging the table with his fist, and shouting, 'By grab, I invited someone to dinner to-night, and forgot all about it!" "Didn't old Rambeau get

AMBERG sore," laughed COWPER. "You remember how the fellows were always kicking about the room being too hot or cold, so Rambeau appointed AMBERG janitor, and told him he could attend to the heating and ventilating arrangements. AMBERG did not have the benefit of Professor Woodbridge's lectures, but he tried hard, and the fellows gave him plenty to do. I remember one day the steam pipes began to hammer, and Rambeau thought that some of the fellows in the back of the room were kicking them. He began to walk furiously up and down the room, rubbing his hands together, and exclaiming: 'I am not used to such treatment! I am not used to it'!" "GRAESSER was a great boy for the ladies," said SEGAR, "when he first came to Tech; although he wasn't the polished fusser he afterwards became, he showed symptoms of genius. There was a certain damsel that he used to see every day, and CARL yearned to know her better, but she refused to be friendly. After much careful thought he determined upon the following tour de force: Calling in the assistance of GEORGE PRENTISS he went up and threw a fit in front of the house of the unsuspecting girl. Of course GEORGE was helpless in such a dreadful situation, but the girl, with remarkable presence of mind, rushed out and helped PRENTISS drag the foaming (Williams' Shaving Soap) youth into the house. CARL came to rapidly, but it was some time before he felt able to leave the house, and after that they were old friends." "That reminds me," said BOBBY LORD, "of an incident in DICK SENGER'S eventful career. I don't believe any of you fellows ever heard of it, as DICK kept it pretty close. One evening, when SENGER was returning from one of those visits with which he was accustomed to make glad the hearts of the ladies, he perceived a little girl standing in front of a gate, apparently in trouble. All the chivalry in DICK'S soul was at once aroused, and with his well-remembered smile, he said, politely, 'Little girl, you seem in trouble; can I help you?' 'Yes, sir,' replied the child, 'won't you please open this gate?' The gallant

DICK did so, but was curious to know why the child didn't do it herself, so he asked. 'Because, sir, it has just been painted,' was the response; and DICK looked at his fine new gloves, and passed silently into the night." At this point GREELY was observed to be chuckling with a reminiscent air, and was at once called upon to loosen up with the story. "I was thinking," said SAM, "of those troublous days after the Republican clubbing, when men with blanched faces asked one another what was coming next; and how an interview, accompanied by a picture of NORMAN LOMBARD, CHIEF MARSHAL, appearing in all the papers (except the Transcript, Herald and Globe), saved the day, and brought sleep to our weary eyes. That made me think of a little known incident in his checkered career. One Sunday he was was out for a constitutional, surrounded by the greater glory of sumptuous apparel and effulgent lid. He passed two little boys, one of whom appeared so precocious that 'SKI' was moved to stop and inquire his age. 'He's only four,' said the other, 'and he can swear like a truck driver. Curse for the gent, Mickey'; but our Anthony Comstock was far away, with his fingers in his ears."

Later in the evening, as the ambulance corps were busily engaged in removing the dead soldiers, one of them remarked, "Sure Tich must be a great place to come from." "It is thot," said another, "and the farther ye come the better it seems."



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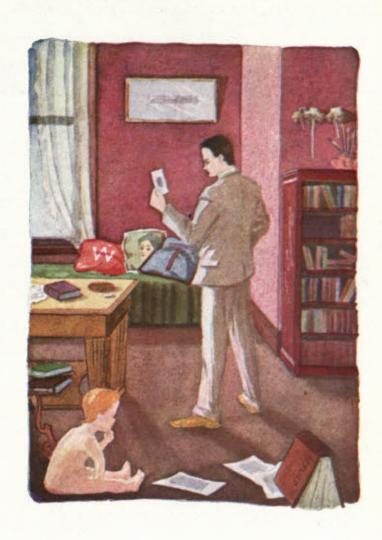
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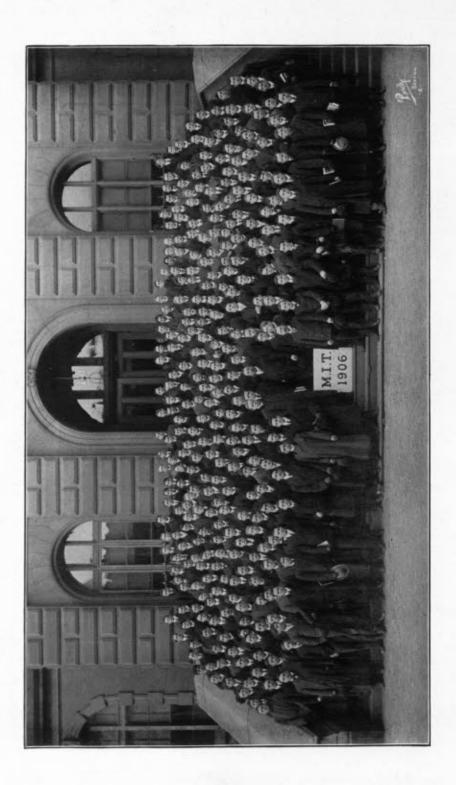


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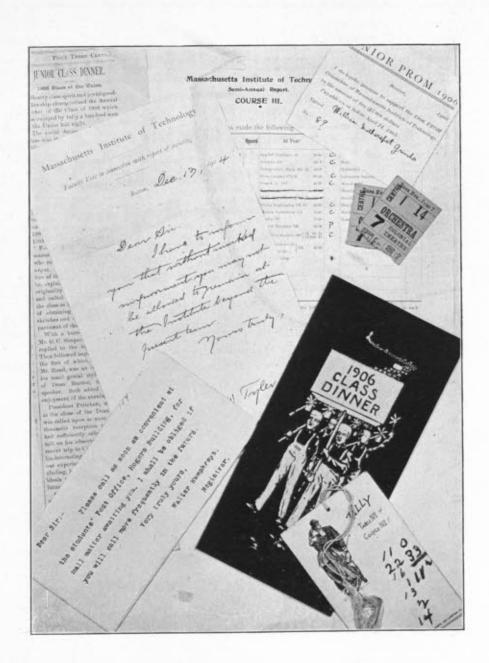
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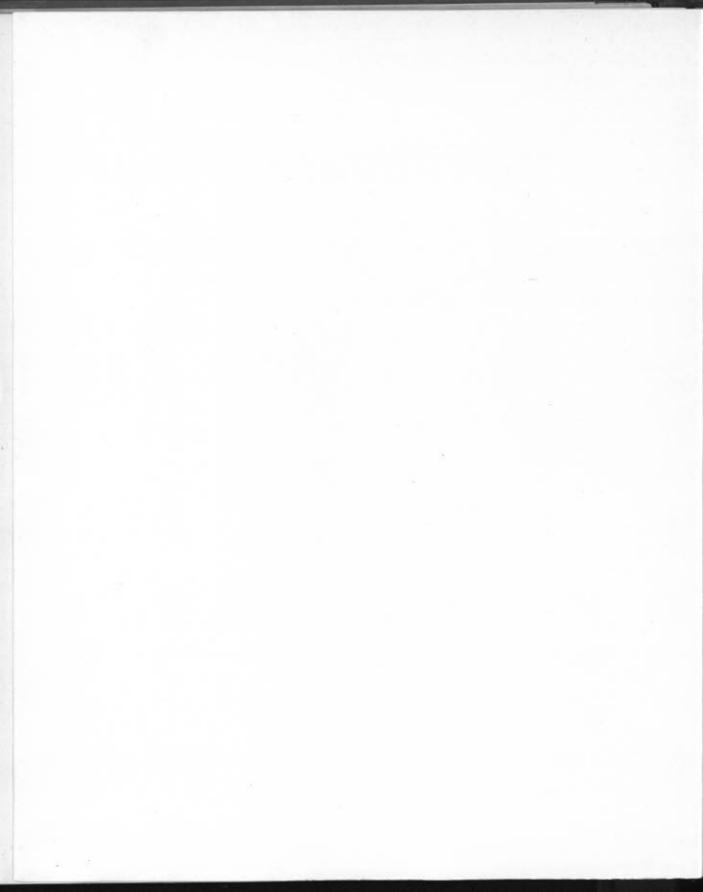
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THE PERSONAL REMINICENCES OF

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HISTORY OF THE BIRTH

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IT

What iz IT. What! Dont know who IT is? (Say, heer thet will yer!) Why I'm IT, An' who am I? I'm ther hole thing, the only out an' out threw an' threw reely sure 'nuff sartin jennywine thing thet ever had ther rite ter call hisself ennythin'. Who am I? why I am part o the 'lustreeus class o' NINETEENHUNDRED AN' SEVEN. Thet's what I am. Now lemme tell yer ther way we happened.

Heer, hev a seegar afore I begin. Don't be afeer'd, its er good wun an' paid fer - et leest I think he paid fer it: aw don' cher smoke! don' chew neether I'll bet, an' woodent say damit fer the wurld? Well, ez I wuz a' sayin, this is ther way IT happened. Ther bunch cum in tergether an set down in diffrunt places an' looked kinder foolish an' then a guy cum in an sez all books, gen'lmen, mus' be put on the desk (he didn't hev to say frunt desk ez ther wuz only wun in ther room) an' ther girruls in the bunch wuz erlowd ter keep theirn, an then er cupple er hours layter he sez sumthin' erbout closin' up fer erbout 5 minits or sumthin' like thet, whitch struk me ez bein' kinder fresh seein' ez how we heddent sed ennythin' et all. Well, we got in thet way ennyway. An then ther nex' thin' on ther program wuz when ther bunch got tergether again. They called it er class meatin', an' a feller got up on ther stand in frunt an' yelled ordergen'lmenwillthemeatinpleezecumtoworder an' sed sumthin' erbout buyin' voats et 50 per, an' organizationin' or sumthin' like thet, an' sum uv us ponied up an sum diddent (who diddent I wunder?) So I became dooly marked ez a Freshman frum thet time on; an' wuzzent thet an onher? Mebby I wuzzent the hole thing, o my yes. She thort so too, Hey Venus?

Did I reelize it? o yes I reelized it. Say hev yer ever bought F. H. Charlie's letter plates; price too mutch? No? Well I hev, an —— I reelized it, ez I sed before. An' then ten o' them fer chemical brakeidj. Thet wuz a swindle I know becuz yer see its this way: I did wot they calls the cut act, to lab, et least twict er weak, an' only saw 31 cents o' thet tenner, et ther end of ther yeer, an' I never broak ennythin' excep' wun tesstoobe. Say, aint thet ther limit now! An' then I met Mack. Who is Mack? Well I kin tell yer thet it costs sumthin' to know who he is. He is a guy thet's always gettin' up a noo way ter releeve yer uv enny stray paper yer haz on yer purson. O yes, when I met Mack, I reelized it all rite all rite.

O say, I neerly fergot sumthin'. Its a mear tryfle but I'll menshun it. It went under ther name o' Feeld day. It wuzzent mutch. I don't think I'll menshun it.

Say, I diddent tell yer yet erbout bein' a ossifer, did I? Well it wuz this way, I met a nell uv a fine feller in ther hall uv ther biljing they calls Rojiers, becuz Harry T is there (I doant see ther connekshun but it mus' be there becuz Walter sez so) an' he sez ter me, plezzent like - (ther feller, I meen) - say cully duz yer want ter by a youneeform. No sez I, but I gotter, why? An he sez becuz I know where you kin get a dandy cheep, an' I sez thets ther place I'm tryin ter find, an he sez cum over too ther cage (where in the deh viliz thet, thinks I) an' so I kumz, an' he took out uv a yaller box with a handell the prittiest lookin' soot o' close I ever seed, an' he sez thet strictly conferdenshul between me an' him, he hed only wore thet theer soot o' close 53 hours akchewell kownt, an' hed paid 21 dollars fer the same (mebby he sed thet ther soot hed cost 21 dollars - I aint quite sure whitch) - et ennyrate he wuz willin' ter let it go ter me fer only 12 - thet iz, if I dont tell ennywun what I paid fer it. Mebby I diddent snap him up quick, an' mebby I wuzzent glad later thet I diddent tell ennywun whut I paid fer it, too. I found thet my rank ez ossifer wuz private, so I diddent tell ennywun, an wuz mad yer kin bet, when a guy who talked threw hiz noze cum a' runnin' over too me in ther drill hall an' wanted ter know wot I wuz ennyway, standin' there doin' nuthin. Git inter line there an' Rupert ter me after drill. I wuz so mad I diddent do nuthink, an' then ther guy wuz meen enuff ter try an' pry inter my seecrets by askin' whut rank I wuz ennyway. It's lucky I noo it wuz conferdenshul becuz there wuz er lot o' felluz lookin' by this time, an' if I heddent, I wuz

thet mad, I mighter yelled it et him, insted o' doin ez I did, but I controaled myself with ther dignity a ossifer shuld hev, an' walked up to him an' whispered in his ear—"Private." He looked et me suspishus like an' then sed, Corporal, dismiss thet man, he needs a afternoon off I guess, an' then mumbled sumthin' to himself I diddent understand, erbout there bein' no bar et ther hotel where he wirked nights.

Say, did I ever tell yer erbout Boles? No? Oh yer knows erbout him ennyway? Well its just ez well: I wuzzent ergoin' ter say mutch. (Neether wuz me frend Bancroft) Only there wuz a Boles hop given durin the yeer, an' Rupert an' Edward certainly did look swell, an' so did Nichols fer thet matter (I wunder how mutch Ed got out uv ther R. D. W. & Co photographer's job ennyway).

Well ther cum wot they called ther second tirm, price one hundred, an' I entered European Plan — pay a lot fer mighty little, yer know, insted uv az before, payin' more, fer a hull lot o' stuff yer diddent want, FF's inclooded — Speshul stoodent yer know. Fun? o yes — cood do jest erbout ez I pleezed, thet iz, so long ez it diddent conflict with wot Walter pleezed. So I went out with the rest uv ther bunch, fer ther show. But say, ther only reel artikles in thet there show, wuz Docter Sharp an' Professer Tylee, elias Heer Looketmeeifyerwantstergrin an' Professorin Ichbin Telegraphospoles respectfully — thet is, ekcept Bancroft — allers ekceptin' Bancroft.

Well ther show wuz er grate success, an' since over 60 per cent uv ther peepuls in it wuz ITTERS, I kin say o' coarse it wuz. An' so wuz ther annooal indoor meat, wuzzent it now hey? Yer jest bet it wuz. Yessur! IT wuz noticable then all rite all rite, an' so wuz F. W. BA-RO-S (where iz he now ennyway?) an' o I almost fergot Mister Noyes—he wuz noticable too, o my yes he wuz very noticable indeed—extreemly so in fact. Wee monsoor! Jest ther saymee he wuz part uv IT, an' IT wuz prominent et thet time. An' then baseball. O my. Who wuz on ther teem? why Trauerman wuz uv coarse, diddent yer heer? I sed Trauerman—T-R-A-U-E-R-M-A-N, whitch iz pronounced trow-wehr-man with ther accent on ther trow—like this, Trow wehrman, yer know. O yes, Trauerman wuz on ther teem—thet iz, part uv ther time. But IT wuz rite in it all rite all rite, now wuzzent it? Ax me!

Well, all good things cum too an end sum time, an' so did Taylor's coarse et ther 'Stute — end o' May yer know, an' then cum wot they

called vacashun, an' moar chanst ter spend monneys. How? Ask Chipman.

Say, ever heer o' sweet 16? Well she never hed ez many luvers ez ther September exam rooms hed thet there yeer. O lushus! Three rooms full o' analyt — luvly!

Well wot cher think? its September agin an' I never knowed it! I'm a Softmoar an' moar dollars gone — thet iz, I'm a speshul agin witch iz ther same thing, I rekon, becuz all ther Softmoars I knowes are speshuls.

O mommer! thet wuz er good reeorganizashun dinner, now wuzzent it? So wuz ther class spirit thet wuz served in steins an' Parbleu! our Texan cood hit hard, coodent he? Well it drawed er good bunch et ther nex' meating', an' got er good bunch out fer ther teems. But ther only too felluz who wuz out, wuz too all appearances, Moody an Friedman, mos' partickiler Friedman until after ther teems wuz picked. Poor Friedman! Thet's all rite old man, yer showed mighty good taste on ther nite uv February 21st 1905 et ther Gym, I wunder how (ask Dempwolf).

Well ther Freshies wuzzent in it on ther 12th o' November, wuz they Woodward? We let 'em win ther tug o' war becuz Friedman wuzzent there, so it wuz perfectly natshural they did. We wanted ter encurrage them er bit, so we almost let them git ther reelay rase too, but sent our frend Kelly after ther heels o' ther last wun et such er pace thet "Richards wun ther day" (hey Moore) an ther nite too fer thet matter — how erbout thet Miss Mayhew?

'N then cum Christmas, an' time fer extra pluggin' ter make Sortelle laf outer the other side o' his mouth. Did we? O my no! Land sakes no! O gracious no! O no indeed! NOT! NIT! NO! NEVER! NIXE! Why ter see thet man after ther Janoowerry exam papers wuz handed too him, wuz ter see er man in clover, so to speek! I guess he hed er bet up on it. An' Bartlett—o dear! I saw him chuckle (nobuddy ever heerd him) fer ther furst time enny uv us hed ever hed thet privilidge, wen he saw ther felluz flunkin' wun by wun, in whut he called a calculus exam. O bring me er fan pleeze, quick.

So IT growed smaller after midyeers, an' Sortelle growed larger an' moar important yet, o my yes indeed certainly! an' Fortune's same good smile smole on IT wunst moar ergin, an' ther indoor meat uv 1905 wuz er

lowder success even, then Feeld Day 1904, an' who beet, Noyes or Richards? I wunder. An' then cum ther show ergin, an' a ITTER rote thet show a ITTER did, an' a ITTER wuz ther business manager, a ITTER wuz, an' a mighty important ITTER wuz ther stage manager, an'—o whut's ther use—IT wuz theer all rite, yer know.

Say chummy, duz yer know who IT iz now? Hey?

End



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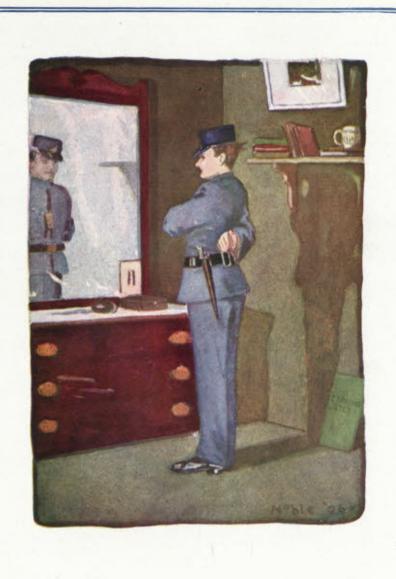
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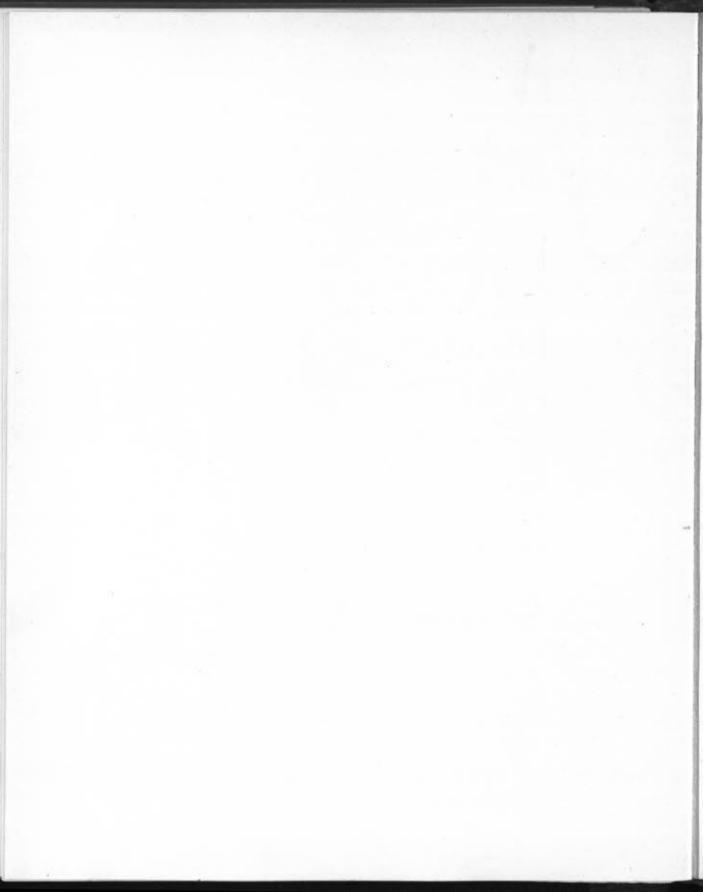
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(See below for details of hazards to be overcome by the students.)

HAZARDS

SUBJECTS AND METHODS OF OBSTRUCTION

Note.-The numbers show how many points each course counts in the game,

27. PUZZLES AND INANIMATE CUSSEDNESS.

Mr. Humphreys.

Written exercises and tests at the beginning of each term throughout the game, with private instruction as the professor in charge sees fit.

(All work in the Institute is dependent on this course.)

GRIND ORGANISM AND MONKEYSHINES.

Major Wheeler, Adjutant Ames, Captains Almy, Coffin, etc.

This course of two hours a week throughout the first year is divided into three options. The General Option (I) gives practical instruction and laboratory work in how to play the monkey. Option two, reserved for men with a natural ear for noise, takes up advanced tooting and discords. Option three gives very advanced theoretical instruction on the same subject as Option one.

(Preparatory for the Asylum.)

15. POLITICS AND ORGANIZATION.

Messrs. McGuigan, Weinz, Barnes, etc.

This course, though optional, lasts through the entire game. It teaches how to boom candidates, run elections, and how to organize a mass of units into an efficient noise-making machine. It also teaches during the first year how to break up outside interference and put your adversaries to flight.

Note.—This last part deals especially with field work on the Sophomores.

(Optional in all courses of prominence.)

110. THEORETICAL AND PRACTICAL FINANCE.

Messrs. Rand and Orr.

The course consists of lectures on the proper way of talking poverty so as to obtain donations, while having plenty of money. Laboratory work is also given that the students may become expert in separating men from money they do not own. Both the heads of this course are practical men who know all sides of the subject thoroughly.

(Required in all courses of Rockefellerism.)

35. APPLIED ENERGY.

Major Briggs.

The first five weeks of the first two years is devoted to this subject. It consists of field work in football, relay and tug of war for fourteen hours a week, with a test about the first of November.

Note.—This is a very difficult course, requiring much time, and usually involves a FF. This year, however, there was a decided improvement over the first year work. The marks were: Football F, Relay L, Tug of War C, with a final mark in the whole subject of L.

(Optional in all courses of pleasure.)

80. THE MANLY ART OF SELF-DEFENSE.

Captain Hall, Lieutenant Watson and Officers.

This subject treats very fully of the proper way to defend one's self when attacked by thugs. Any man pursuing this course thoroughly will be able to defend himself against any number of adversaries, causing them to crack open their own heads and to get run over. Thus you are saved the unpleasant task of hurting one of your fellow-men. This course also treats of the best ways to defend one's self when hauled into court under any conditions.

Note,—It is just as well to weigh two hundred pounds and have a club when you try this method outside of the class room.

(Required as preparation for all professional work on the force.)

—50. ELEMENTARY AND ADVANCED CURSING AND SWEARING.

No regular course is given in this subject, as it greatly depends on a student's own efforts. Any student desiring to learn these subjects is advised to attend a recitation and hear Webster read out of one of his books. If by the end of the hour the student is doubtful about a few new words he should attend a second recitation. If he is still dissatisfied with his lack of knowledge he should go to chapel about three minutes after eleven and hear the prayers for the repose of Judge Emmons' soul. If by this time he is not equal to the most searching test he had better join the Y. M. C. A.; he needs a little high life.

(Optional in all courses.)

43. THE MANUFACTURE OF GAS.

Messrs. E. D. Boles and W. O. Adams, Majors Bigelow and Wheeler.

Students in this subject are given an opportunity of seeing plants in operation by attending class meetings, dinners, recitations and general convocations. Though without any pecuniary value, like the preceding course, it is at times very useful. To see this art carried to the summit of perfection a student should attend the Tech Night after Field Day. Here one finds a maximum output with a minimum loss, combined with a very low cost of production.

(Required of all students wishing degrees in after-dinner speaking.)

- 565. AIR, WATER AND FOOD ANALYSIS, also
- 308. ELEMENTS OF GASTRONOMY.

Mrs. King and Assistants.

This course of six hours per week throughout the game is intended to illustrate the application of chemistry to the problems of feeding students. It consists of fifteen lectures on the principles of practical gastronomy based on observations made by the research department for the last few years, and illustrated by before and after photos. Special attention is paid to the conditions which may be needed in the practice of the epicurean, such as those of magnitude, time and appetite. Practice is also given in the cure of equatorial disturbances.

(Required in all courses of indigestion.)

568. NAVIGATION.

Professor Peabody.

This short course is given as a preparation for Number 573. It takes up the art of handling canoes, swimming ashore, and saving your subject. Besides, it gives instruction in how to arrange cushions and other necessary details so that the distance between the two occupants may be as little as possible, thus avoiding loss of energy and making the conversation most efficient.

(Optional in all courses of fussing. See 573.)

573. SUGAR ANALYSIS.

This laboratory course, given on all moonlight nights throughout the spring, has just been instituted by the Faculty. The work consists of practice in taking subjects walking, driving and canoeing on the Charles River. The Faculty had hoped to be able to supply students with subjects, but since this course is tremendously popular with the students, it has been found necessary to give up this part of the program. Until further notice each student will be required to bring his own subject unless the Faculty has assigned him a Co-ed. About five hours of the time allotted to this course is devoted to class-room discussion of methods.

(Required in all courses of osculation.)

58. ANALYTICAL PRESTIDIGITATION.

Dr. Prexy.

A few of the more important phenomena studied in this course are: The combining of two antagonistic forces into one united body; the ability to drink beer while having a good time and not getting drunk; the changes of the American language into German; and finally, the different results gained by treating cardinal and gray with other compounds.

Note,—By adding a few FF's and a Faculty vote it is very easy to gain blues from these two colors. Often when applied to new subjects these colors have a greenish hue, but as yet no amount of original research has developed a process whereby they may be changed to crimson. We understand, however, that the present head of this course believes that he is about to discover the proper reagents for this action.

(Required in Course IX.)

For further details on the ancient history of this game subscribe to The Tech.



The Alumni Reunion

Boston, June 6, 7 and 8, 1904

De



YEAR ago the first reunion of the alumni of Technology was organized. Throughout the winter and spring the idea was widely discussed among Tech men, and the various local alumni associations vied with each other in helping to make the Reunion possible. Early in April it was announced that nearly a thousand alumni and former students had

provisionally signified their intention of attending. From that time on there was no question as to the possibility of the undertaking.

The interest in the Reunion was intensified by the action which the Corporation had just taken in appointing a committee to confer with Harvard in regard to an educational combination between the two institutions. Many of the alumni were unalterably opposed to any agreement whatsoever; others approved of the action of the Corporation in investigating the matter, but were doubtful of the

possibility of arranging an alliance of value to both institutions; a very few believed it necessary to make some agreement that would avoid the ill effects of a wasteful competition. All were united upon one point,—the independence of the Institute must not be compromised in the slightest degree. The "Merger" question, as it was termed,



became the all-pervading topic of discussion among the alumni, and served to give the Reunion an increased significance. During all of the first day of the Reunion the Pierce Building was thronged with the visitors, who here registered, and revived old friendships. At four o'clock occurred the reception to the alumni, tendered by Mrs. William B. Rogers, widow of the founder and first President of the Institute, and in the evening the reception to the visitors given by the Corporation and Faculty.

Tuesday forenoon was left free, and many availed themselves of this opportunity to renew their acquaintance with Boston. In the afternoon occurred a reception to the ladies of the gathering by Mrs. Samuel J. Mixter, and in the evening came the first of the



THE PARADE ON THE BEACH

three principal events of the Reunion, namely, Tech night at the Pops. On the third day came the other two,—the excursion and jollification at Nantasket, and the dinner at the Hotel Somerset.

The evening at the Pops was a glorious display of enthusiasm. At the front of the main floor were the men of 1904, who had that day received their diplomas. Then came the Classes of '68, '69, '70, '71, and back of these the others in order, the '03 men at the back of the hall. The galleries were occupied by ladies and their escorts, many of whom used their position of vantage to shower confetti upon those below. Early in the evening were distributed printed leaflets containing the words of the Tech songs included in the program. When the Stein Song was played the enthusiasm rose

to its height. The orchestra was led for the moment by the late Mr. Bullard, '87, the composer of the song, who died a few weeks later. Everyone sang, or at least made the best attempt that his hoarseness would permit. Again and again were the verses repeated. Gray-haired alumni mounted the tables and led the prolonged cheers for Technology which followed the successive verses. Finally, no one then knew just how, the cheering ceased and the men left the hall to form by classes and to march to the Rogers Building, where final cheers were given for the Institute and its successive presidents. Early on the succeeding day, the wharf where the steamer lay was crowded with the army who were to advance upon Nantasket. Arriving at the destination, the graduates formed by classes on the

beach, and led by the Corps of Cadets Band, and accompanied by several hundred ladies and guests, proceeded to assault the Atlantic Hotel. After lunch the throng assembled on the lawn in front of the hotel for the stunt program. Professor Richards for the



ONE OF THE STUNTS

Class of '68 opened the proceedings by announcing and demonstrating beyond dispute that "the Class of '68 can still walk a young walk, run on its toes, and sing a young song;" the Class of '70 announced that Professor Cross had been scheduled for a dance, but had escaped to New York; '76 bore a large banner with the inscription Spirit of Independence,—a doubly significant phrase; '88 reproduced the football game in which Tech defeated Dartmouth in '87 and won the intercollegiate championship; '96 gave an exceedingly realistic imitation of a Faculty meeting. The program completed, a hasty retreat was beaten to Boston for the concluding dinner.

The dinner was at the Somerset Hotel, and nearly five hundred of the alumni were present to enjoy themselves and to hear at

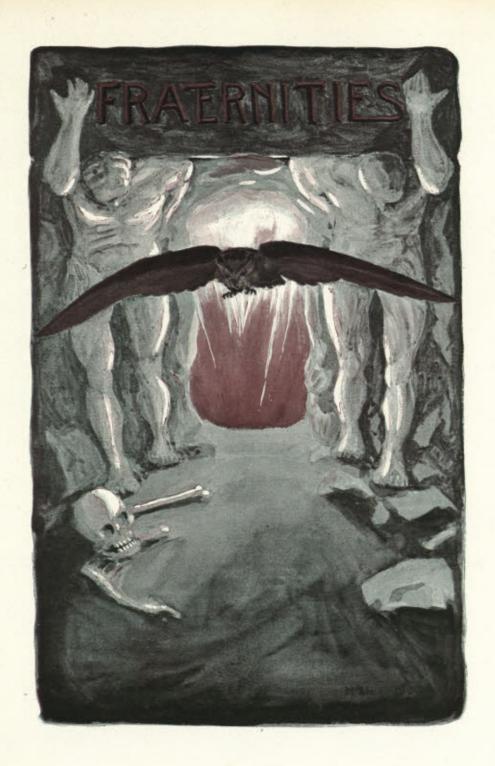
the same time an exhaustive and many-sided discussion of the alliance problem. The speakers were, in order: Dr. Mixter, toastmaster; Mayor Collins; Dr. Pritchett; Dr. Gunsaulus, President of the Armour Institute of Technology; Colonel Livermore of the Corporation; Dean Burton; I. W. Litchfield; C. W. Rice; P. L. Dougherty, and J. P. Munroe. The dinner was the crowning



event of the Reunion. Never before had Technology gathered a body of men so representative. Never before had the Institute had such opportunity to discover, through those most interested in its welfare, its power and—its weaknesses, a knowledge of which is but an additional factor of strength. To our President, Dr. Pritchett, the evening was one of personal as well as official triumph. To many of the alumni

he was until then known only as the upholder of a policy which was viewed with much distrust. When his masterly discussion of the problems confronting the Institute, and of the reasons for seeking an alliance with Harvard was concluded, Dr. Pritchett had obtained from the alumni the utmost confidence that he was himself striving for Technology far more loyally and ably than could any of them. The fear that the Institute would sacrifice itself illadvisedly had disappeared, and while the spirit for freedom was stronger and more united than ever, the possibility of an agreement without the slightest loss of independence was recognized.

With the conclusion of the speeches at the Somerset the first Alumni Reunion was ended. Of those who had come none regretted the three days which they had taken. The program had been a success; but had the Reunion succeeded likewise in a large sense? That there are to be consequences of a far-reaching significance for the benefit of Technology we may infer with confidence from the beginnings which have already made themselves apparent.



The Greek Letter Fraternities

REPRESENTED AT

The Massachusetts Institute of Technology

IN THE

ORDER OF THEIR ESTABLISHMENT

Sigma Chi

Chapter Roll

Dela
Univ
Bloom
Gree
Carli
Char
Gett
Lew
Irvin
Lexi
Gran
Evan
Han
Ham
Woo
Ashl
Lafa
Dan
Ann
Cinc
Bost
Colu
Belo
Line
Bloo
Mad
Law
Aust
New
Albie
Berk
Min
Los
Itha
State
Nasl
Palo
Cha
Oxf
Gen
Han
Lex

aware, Ohio versity, Miss. mington, Ind. encastle, Ind. isle, Pa. rlottesville, Va. tysburg, Pa. risburg, Pa. ngton, Ind. ington, Va. nville, Ohio nston, Ill. over, Ind. npden-Syd., Va. oster, Ohio land, Va. yette, Ind. wille, Ky. Arbor, Mich. cinnati, Ohio ton, Mass. umbus, Ohio oit, Wis. coln, Neb. omington, Ill. dison, Wis. vrence, Kan. tin, Texas w Orleans, La. ion, Mich. keley, Cal. nneapolis, Minn. Angeles, Cal. aca, N. Y. e College, Pa. shville, Tenn. o Alto, Cal. ampaign, Ill. ford, Ohio neva, N. Y. nover, N. H. kington, Ky.

1893	Alpha Rho	Lehigh University	Bethlehem, Pa.
1894	Nu Nu	Columbia University	
1894	Epsilon		Washington, D. C.
1895	Mu Mu	West Virginia University .	Morgant'n, W. Va.
1896	Phi Phi	University of Pennsylvania	Philadelphia, Pa.
1896	Tau	Roanoke College	Salem, Va.
1896	Xi Xi	Missouri State College .	Columbia, Mo.
1897	Omicron Omicron	University of Chicago .	Chicago, Ill.
1899	Phi	Lafayette College	Easton, Pa.
1902	Rho Rho	University of Maine	Orono, Maine
1902	Alpha Eta	University of Iowa	
1903	Tau Tau	Washington University .	
1903	Upsilon Upsilon	University of Washington	
1904	Psi Psi	Syracuse University	Syracuse, N. Y.



Sigma Chi

ALPHA THETA CHAPTER

Established 1882

Fratres

EDWARD TAYLOR BARRON
SYDNEY ATMORE CAINE
JOHN CHARLES DALY, JR.
John Donaldson
CHARLES ALVIN EMERSON, JR.
THORNTON MERIWEATHER GILMER
FRANK DAVID HALL
JAMES ALLEN KANE
HERMAN WILLIAM LACKMAN

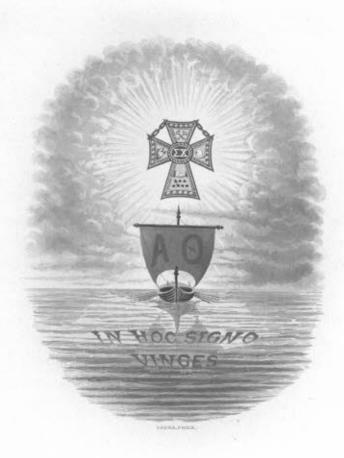
WILLIAM HUGH LALLY
ALBERT SENIOR PRINCE
GEORGE AUSTIN QUINLAN
JAMES REED, JR.
HOLDEN CHESTER RICHARDSON
ROSS PELTON SCHLABACH
CLAYTON MILLER SIMMERS
PAUL DAVIES SWARTZ
ISAAC IRVING YATES

Fratres in Urbe

WINTHROP ALEXANDER
ARTHUR FRANCIS BARDWELL
JOHN ANDREW CURTIN
WILLIAM WORCESTER CUTLER
WINTHROP DAHLGREN
JOHN ASHLEY HIGHLANDS
CHARLES FRANK HARWOOD

RHODES GREENE LOCKWOOD LEON GILBERT MORRILL JAMES STUART NEWTON ARTHUR SEWALL PERCY LUCIUS SPALDING TYLER EDWARD CUTTER THOMPSON EDWARD PAYSON WHITMAN

311 Beacon Street





Theta Xi

Chapter Roll

A	Rensselaer Polytechn	ic Ins	titute				Troy, N. Y.
В	Sheffield Scientific S	chool	,				. New Haven, Conn.
Г	Stevens Institute of	Гесhп	ology			25	. Hoboken, N. J.
Δ	Massachusetts Institu	ite of	Tech	nolog	y	4	Boston, Mass.
E	Columbia University						. New York, N. Y.
Z	Cornell University				ž.		Ithaca, N. Y.
Н	Lehigh University				v		South Bethlehem, Pa.
0	Purdue University						Lafayette, Ind.
I	Washington Universi	ty		2.0	2		. St. Louis, Mo.
	Graduate Club .		,				. New York, N. Y.

Theta Xi

DELTA CHAPTER

Established 1885

Fratres in Facultate

HARRY ELSWORTH CLIFFORD

HENRY GREENLEAF PEARSON

Fratres

WARREN STEARNS BAKER
ERWIN FERDINAND BENDER
CARROLL CARY CURTIS
HENRY EVERETT DARLING
LUDWIG FRIEDRICH CARL HAAS
RINKER KIBBEY
ROY GUTHRIE KENNEDY

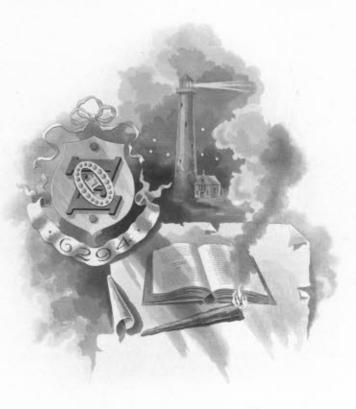
ROY FISK LOVEJOY
HAROLD KAY MERROW
EDWARD BARKER POLLISTER
LAWRENCE TODD WALKER
SAMUEL LAKE WARE
CLARKE EDWARD WARREN
HAROLD EASTMAN WEEKS

Fratres in Urbe

ARTHUR HUMPHREYS ALLEY
WILLIAM CORNELL APPLETON
ALBERT FARWELL BEMIS
ALFRED MILLER BLINN
DAVID WILLS BRIDGES
EDWARD LYMAN BROWN
ARTHUR CLARK
MORTON EDDY COBB
HENRY MARSHALL CROSBY
HENRY JOHN CONANT
HENRY CUESTA
NATHAN BROWN DAY
FRANKLIN WHITNEY DOLIBER
JOHN COWPER EDWARDS
HORATIO SOUTHWORTH FRAZER

CHARLES HAYDEN
CHARLES BURTON HOWE
EDWARD JOHNSON, JR.
FREDERICK LANGENHEIM
FREDERICK WAIT LORD
BENJAMIN MADERO
HENRY ADAMS MORSS
HERBERT STURGIS POTTER
JAMES HENRY REED, JR.
CLIFFORD HOPKINS SHIVERS
TIMOTHY WILSON SPRAGUE
JOHN WATSON TARBOX
JAMES WINTHROP TEWKSBURY
WALTER BACON TROWBRIDGE
HARRY HAYWARD YOUNG

23 York Terrace, Brookline



Direkte Phila-



Delta Psi

Chapter Roll

A	Columbia College .					10		New York City
Δ	University of Pennsylv	zania				62	2	Philadelphia, Pa.
Е	Trinity College .					23	×	Hartford, Conn.
Λ	Williams College .					4.5	\times	Williamstown, Mass.
Φ	University of Mississip	ppi				7.0	2.5	. Oxford, Miss.
Y	University of Virginia							Charlottesville, Va.
Σ	Sheffield Scientific Scl	nool				*		New Haven, Conn.
Т	Massachusetts Institu	te of	Te	echnol	logy			. Boston, Mass.

Delta Psi

TAU CHAPTER

LEANDER MOORE BROWN, JR.
HUNTLEY CHILD
KENNETH HULBERT DISQUE
HENRY WALKE DUN, JR.
BRADFORD BUTRICK HOLMES
CYRUS HENRY LOUTREL
ORRIN WILLIAM POTTER

HENRY RICE PUTNAM, JR.
JOHN RANDOLPH REYBURN
EDWARD MINER RICHARDSON
ALLAN SEYMOUR
EDWARD THOMAS STEEL
CHANNING TURNER
ERLE FRANCIS WHITNEY

JULIAN MAY WRIGHT

6 Louisburg Square



Streets



Chi Phi

A	University of Virgini	a				. Charlottesville, Va.
	Massachusetts Institu					Boston, Mass.
г	Emory College					Oxford, Ga.
	Rutgers College					New Brunswick, N. J.
	Hampden-Sydney Co					Hampden-Sydney, Va.
	Franklin and Marsha	-				Lancaster, Pa.
Н	University of Georgi	a				Athens, Ga.
	Rensselaer Polytechn				0.0	Troy, N. Y.
	Ohio State Universit					. Columbus, Ohio
	University of Californ				1000	Berkeley, Cal.
	Stevens Institute of					. Hoboken, N. J.
	University of Texas		77.7			Austin, Texas
	Cornell University					Ithaca, N. Y.
	Sheffield Scientific S					. New Haven, Conn.
	Lafayette College					Easton, Pa.
	Wofford College			20		. Spartansburg, S. C.
	Amherst College					. Amherst, Mass.
	Dartmouth College					. Hanover, N. H.
	Lehigh University					South Bethlehem, Pa.
	Georgia Institute of				4	Atlanta, Ga.

Chi Phi

BETA CHAPTER

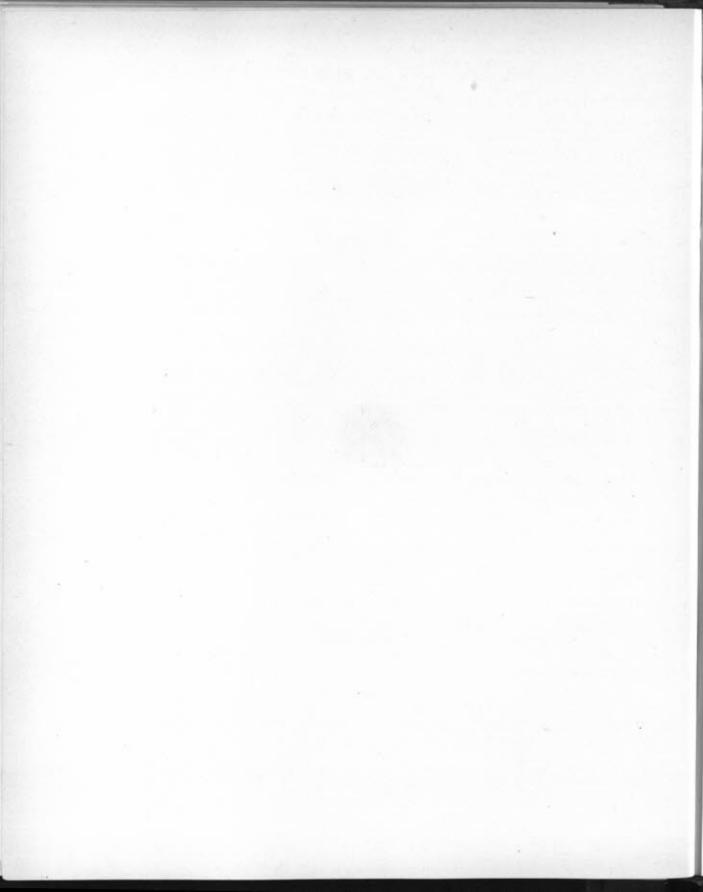
Established 1890

JAMES LEE ACKERSON
CARL SCHON BLOEDE
LAURANCE MONTJOY BUCK
MAURICE EDWARD DENNY
JOHN EVANS
CHARLES WILLIS FISHER, JR.
JULIUS AUGUSTUS FURER
WILLIAM BARNS GIVEN, JR.
FREDERICK BERTINE GUEST
LUCIUS FELT HALLET
ROBERT STAVELY HAMILTON
SIDNEY MORGAN HENRY
EDWIN BRUCE HILL

EMORY GILFILLAN HUKILL
JOHN HAMPDEN HOLLIDAY, JR.
JAMES MCCLURG LAMBIE
CHARLES GREELY LORING
LEWIS BOWEN MCBRIDE
FREDERIC BASSETT MENNER
NATHAN ATHERTON MIDDLETON
THEODORE PARKER MOOREHEAD
FREDERIC NICKERSON
RUSSELL PETER RAYNOLDS
EDWIN LAWRENCE SMITH
MERRICK EUGENE VINTON, JR.
GEORGE STONE WITMER

MILFORD WORTHAM





Delta Kappa Epsilon

Phi	Yale University				1844
Theta	Y 1 1 C 11				1844
XI	Colby University				1845
Sigma	Amherst College				1846
Gamma	Vanderbilt University .				1847
Psi	University of Alabama .			- 1	1847
Upsilon	Brown University			•	1850
Chi	University of Mississippi	3		*	1850
Beta	University of North Carolin	9		Ċ	1851
Eta	University of Virginia .				1852
Kappa	Miami University				1852
Lambda	Kenyon College				1852
Pi	Dartmouth College .				1853
Iota	Central University of Kentu				1854
Alpha Alpha	M: 1.11-1 (7-11	3.5			1854
Omicron	University of Michigan .		*	92	1855
Epsilon	Williams College		•	*	1855
Rho	Lafayette College		* 5		1855
Tau	Hamilton College	31	*		1856
Mu	Hamilton College				1856
Nu	College of the City of Nove	Vanle	*		
Beta Phi	College of the City of New				1856
Phi Chi	University of Rochester .				1856
Psi Phi	Rutgers College				1861
	De Pauw University .		60		1866
Gamma Phi	Wesleyan University .		• 3		1867
Psi Omega	Renssalaer Polytechnic Insti				1867
Beta Chi	Adelbert College		*	*	1868
Delta Chi	Cornell University .	24	**	*	1870
Delta Delta	Chicago University .	. * :	*:	*	1870
Phi Gamma	Syracuse University .	2.7	5		1871
Gamma Beta	Columbia College	5.5			1874
Theta Zeta	University of California .				1876
Alpha Chi	Trinity College				1879
Phi Epsilon	University of Minnesota				1889
Sigma Tau	Massachusetts Institute of T	[echno	ology		1890
Tau Lambda	Tulane University .	15		1	1898
Alpha Phi	University of Toronto .	S.		1	1898
Delta Kappa	University of Pennsylvania	304	45		1899
Tau Alpha	McGill University .	10			1901
Sigma Rho	Leland Stanford, Jr., Univer	rsity	**		1902
Delta Pi	University of Illinois .				1904

Delta Kappa Epsilon

SIGMA TAU CHAPTER

Established 1890

Fratres in Facultate

ALFRED EDGAR BURTON

GEORGE VINCENT WENDELL

Fratres

HORACE ETHAN ALLEN
MAURICE EVERETT ALLEN
CHARLES LYMAN ANSON
ROBERT KEEP CLARK
CHARLES WOLSTON COFFIN
THEODORE AUGUSTINE DISSEL
EDWARD CHESTER GRANT
WHEATON IRA GRIFFIN
PHILIP EDWARD HINKLEY
ROBERT RISHWORTH JORDAN
WILLIAM JARED KNAPP
NORMAN LOMBARD

FRANK HARRINGTON McGUIGAN
GEORGE WILLIAM OTIS
THOMAS WHITLEY ORR
STEPHEN KENDALL POOLE
EARL HOWELL REED, JR.
MAX RHODE
HAROLD MOORE RICHARDS
WINSLOW DAVIS ROBINSON
ERNEST MAXWELL SMITH
PRESTON MORRIS SMITH
ALLEN TABER WEEKS
HERBERT MYGATT WILCOX

CLARENCE BENTON WILLIAMS

Fratres in Urbe

THOMAS BUTLER BOOTH
HOWELL FISHER
WILLIAM STUART FORBES
ISAAC BREWSTER HAZELTON
WALTER HUMPHREYS
ALLEN WINCHESTER JACKSON
HENRY ORLANDO MARCY, JR.

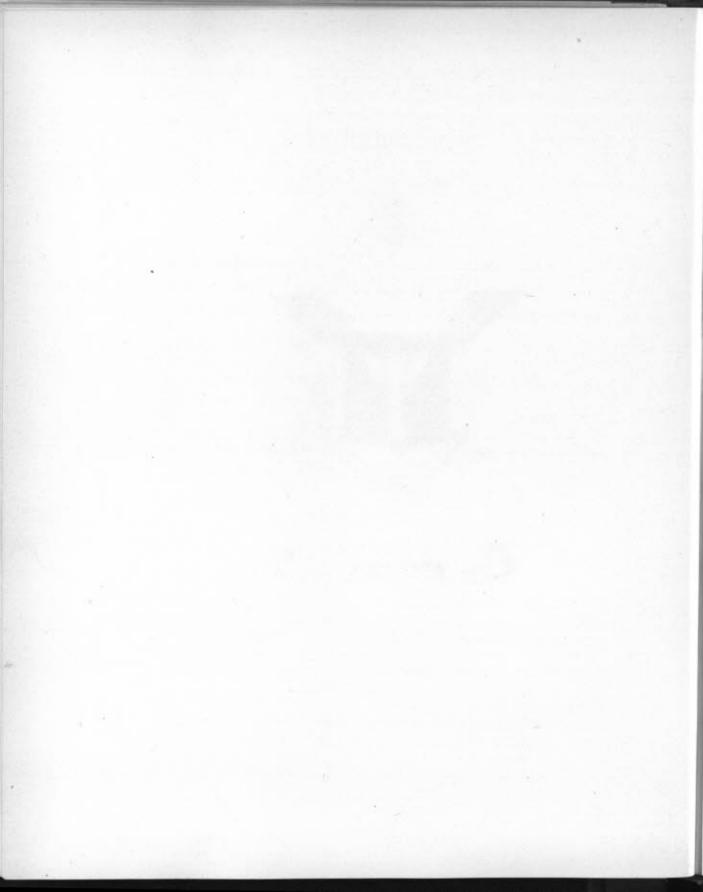
LEONARD METCALF
BENJAMIN F. W. RUSSELL
WILLIAM OTIS SAWTELLE
HENRY H. SAYLOR
MAURICE DE KAY THOMPSON, JR.
JOHN ALDEN TROTT
EDWARD AUSTIN TUCKER

RALPH SPELLMAN WHITING









Phi Beta Epsilon

Phi Beta Epsilon

Established 1890

Fratres

RICHARD CHESLEY ASHENDEN
FRANCIS GEORGE BALDWIN
LAURENCE GOULD BLODGETT
WILLIAM WILMOT BOYNTON
MAXWELL ALANSON COE
EDGAR BAILEY COOPER
PHILIP GRENVILLE DARLING
COLBY DILL
WILLIAM FRANKLIN ENGLIS
NUGENT FALLON
BASIL LOVIBOND GIMSON
SAMUEL ARNOLD GREELEY
ERNEST HARRAH

WILLIAM ROY HEILMAN
WALTER TURNER HOOVER
MILTON TURNLEY LIGHTNER
RICHARD OGLESBY MARSH
WILLIAM COOLBAUGH MARSH
ANTHONY PAUL MATHESIUS
CHARLES SAVILLE
LINCOLN ROCKWELL SOULE
PHILIP BARTHOLOMEW STANLEY
WALTER HAYWOOD TRASK, JR.
LE BARON TURNER
HARRY WEBB
JOSEPH DAMON WHITTEMORE

Fratres in Urbe

STEPHEN BOWEN
RICHARD BAKER DERBY
SUMNER HATHERLY FOSTER
ANDREW DANIEL FULLER
EDWARD HOSMER HAMMOND
GEORGE WELLINGTON HAYDEN
SHELDON LEAVITT HOWARD

HARRY GEORGE JOHNSON
THOMAS PENDLETON ROBINSON
CHARLES ADRIAN SAWYER, JR.
RALPH EDMUND SAWYER
JOHN GIFFORD THOMPSON
WILLIAM MARTIN VAN AMRINGE
HENRY THORNTON WINCHESTER

237 Beacon Street



Denka, Phila



Delta Upsilon

Founded at Williams College, 1834

1834	Williams				100		Williamstown, Mass.
1838	Union .						Schenectady, N. Y.
1847	Hamilton						Clinton, N. Y.
1847					2		Amherst, Mass.
1847	Adelbert					-	Cleveland, Ohio
1852	Colby .			4	62	¥	Waterville, Me.
1852	Rochester				2		Rochester, N. Y.
1856	Middlebury					9	Middlebury, Vt.
1857	Bowdoin		,				Brunswick, Me.
1858	Rutgers .		×.		¥.		New Brunswick, N. J.
1860	Brown .					14.	Providence, R. I.
1865	Colgate .				**		Hamilton, N. Y.
1865							New York City
1869	The second secon						Ithaca, N. Y.
1870							Marietta, Ohio
1873	Syracuse						Syracuse, N. Y.
1876	Michigan		0				Ann Arbor, Mich.
1880	Northwestern				22		Evanston, Ill.
1880	Harvard .				2		Cambridge, Mass.
1885	Wisconsin	2		1.2			Madison, Wis.
1885	Lafayette	201					Easton, Pa.
1885					70		New York City
1885			×	10			South Bethlehem, Pa.
1886	res c				10.		West Somerville, Mass.
1887	De Pauw				1.0		Greencastle, Ind.
1888	Pennsylvania .				600		Philadelphia, Pa.
1890	Minnesota					Ç.	Minneapolis, Minn.
1891	Technology .						Boston, Mass.
1893						2	Swarthmore, Pa.
1896	California .			ii.			Berkeley, Cal.
1896	Leland Stanford	, Jr.					Palo Alto, Cal.
1898							Lincoln, Neb.
1898	McGill		¥1		100	10	Montreal, Canada
1899	Toronto .		v				Toronto, Canada
1901	Chicago):	2	100	v.	Chicago, Ill.
1904	Ohio State .					v	Columbus, Ohio

Delta Upsilon

TECHNOLOGY CHAPTER

Established 1891

Fratres in Facultate

FRANK VOGEL

LOUIS DERR

Fratres

WALTER JAMES EMMONS BARCUS
JOHN STETSON BARNES
RUTHERFURD BINGHAM
ALBERT SHIRLEY BLACK
ARTHUR WILLIAM BLAKE
GRENVILLE TEMPLE BRIDGMAN
MILTON STANLEY CLARK
ALBERT HENRY DONNEWALD
CHARLES DEAN KLAHR
WILLIAM DUFFIELD BELL MOTTER, JR. EDW.

HOWARD J. MORTON_
CHARLES LORING RODGERS
ROBERT WYNDHAM SEYMS
DONALD ARGYLE STEWART
SIDNEY TALBOT STRICKLAND
GILBERT SANDERS TOWER
MAURICE CRAWFORD TOMPKINS
KURT VONNEGUT
JAMES RICE WILLIAMS

WILLIAM DUFFIELD BELL MOTTER, JR. EDWARD THRASHER WILLIAMS
GEORGE MORRIS WINNE

Fratres in Urbe

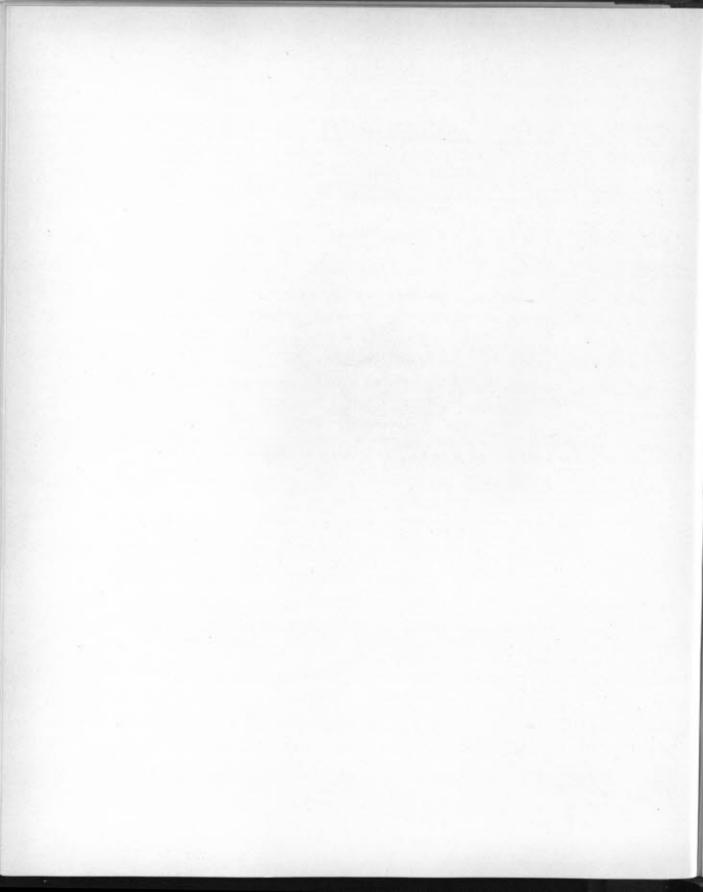
JOSHUA ATWOOD, 3D
GEORGE PHILLIPS DIKE
CHARLES DUNN
CHARLES WARREN HAPGOOD
CYRUS HOWARD HAPGOOD
JOHN WINSLOW HORR
WILLIAM SPENCER HUTCHINSON
FRANK BALDWIN JEWETT
ARTHUR SAMUEL KEENE
ALBERT LINCOLN KENDALL

WALTER ELBRIDGE PIPER
CHARLES ARTHUR RECORD
THOMAS GLEASON RICHARDS
MILES STANDISH RICHMOND
GARDNER ROGERS
JOHN CARLTON SHERMAN
CLIFFORD MELVILLE SWAN
ALFRED BALL TENNEY
EVERETT PENDLETON TURNER
HOWARD CHUBBUCK TURNER

HARRY WARREN UPHAM



Lawrence recu



Sigma Alpha Epsilon

Founded in 1856 at Alabama State University, Tuscaloosa, Ala.

Maine Alpha	University of Maine	Orono, Me.
Massachusetts Iota Tau	Massachusetts Institute of Technolog	y Boston, Mass.
Massachusetts Beta Upsilon	Boston University	. Boston, Mass.
Massachusetts Gamma	Harvard University	. Cambridge, Mass-
Massachusetts Delta	Worcester Polytechnic Institute	. Worcester Mass.
New York Alpha	Cornell University	. Ithaca, N. Y.
New York Mu	Columbia University	. New York, N. Y.
New York Sigma Phi	St. Stephens College	. Annandale, N. Y.
Pennsylvania Omega	Allegheny College	. Meadville, Pa.
Pennsylvania Sigma Phi	Dickinson College	. Carlisle, Pa.
Pennsylvania Alpha Zeta	Pennsylvania State College .	. State College, Pa.
Pennsylvania Zeta	Bucknell University	. Lewisburg, Pa.
Pennsylvania Delta	Gettysburg College	. Gettysburg, Pa.
Pennsylvania Theta	University of Pennsylvania .	. Philadelphia, Pa.
Virginia Omicron	University of Virginia	. Charlottesville, Va.
Virginia Sigma	Washington and Lee University	. Lexington, Va.
Washington City Rho	George Washington University	. Washington, D. C.
North Carolina Xi	University of North Carolina .	. Chapel Hill, N. C.
North Carolina Theta	D 11 0 0	. Davidson, N. C.
South Carolina Gamma	Wofford College	. Spartansburg, S.C.
Georgia Beta	47 1 1 1 1 1	. Athens, Ga.
Georgia Psi	Mercer University	. Macon, Ga.
Georgia Epsilon	The second secon	. Oxford, Ga.
Georgia Phi	Georgia School of Technology	. Atlanta, Ga.
Michigan Iota Beta		. Ann Arbor, Mich.
Michigan Alpha		. Adrian, Mich.
Ohio Sigma	Mount Union College	. Alliance, Ohio
Ohio Delta		. Delaware, Ohio
Ohio Epsilon		. Cincinnati, Ohio
Ohio Theta		. Columbus, Ohio
Ohio Rho	0 01 1 1 1 1 1 1 1 1 1 1 1 1	. Cleveland, Ohio
Indiana Alpha		. Columbus, Ind.
Indiana Beta		. Lafayette, Ind.
Illinois Psi Omega		. Evanston, Ill
Illinois Beta		. Champaign, Ill.
Illinois Gamma	- N. L. M. B.	. Chicago, Ill.
Kentucky Kappa		. Richmond, Ky
Kentucky Iota	Bethel College	. Russelville, Ky.
Kentucky Epsilon	Kentucky State College	
Tennessee Zeta	Southwestern Presbyterian University	
Tennessee Lambda		. Lebanon, Tenn.
Tennessee Mu	Vanderbilt University	A. A. 1444
Tennessee Kappa	네 보일 내용하게 열린을 만들어 가고싶습니다. 나라 하는데, 그런 그리고	. Knoxville, Tenn.

Tennessee Omega Tennessee Eta Alabama Mu Alabama Iota Alabama Alpha Mu Mississippi Gamma Missouri Alpha Missouri Beta Nebraska Lambda Pi Arkansas Alpha Upsilon Kansas Alpha Iowa Beta Texas Rho Colorado Chi Colorado Zeta Colorado Gamma California Alpha California Beta Louisiana Tau Upsilon Louisiana Epsilon Minnesota Alpha Wisconsin Alpha

University of the South Sawanee, Tenn. Southwestern Baptist University Jackson, Tenn. University of Alabama Tuscaloosa, Ala. Southern University . Greenboro, Ala-Alabama Polytechnic Institute Auburn, Ala. University of Mississippi . Oxford, Miss. University of Missouri Columbia, Mo. Washington University St. Louis, Mo. University of Nebraska Lincoln, Neb. University of Arkansas Fayetteville, Ark University of Kansas Lawrence, Kan. Iowa State University Iowa City, Iowa University of Texas . Austin, Texas University of Colorado Boulder, Col. Denver University . Denver, Col. Colorado School of Mines Golden, Col. Leland Stanford, Jr., University Palo Alto, Cal. University of California . Berkeley, Cal. Tulane University New Orleans, La. Louisiana State University Baton Rouge, La. University of Minnesota . Minneapolis, Minn. University of Wisconsin . Madison, Wis.



Sigma Alpha Epsilon

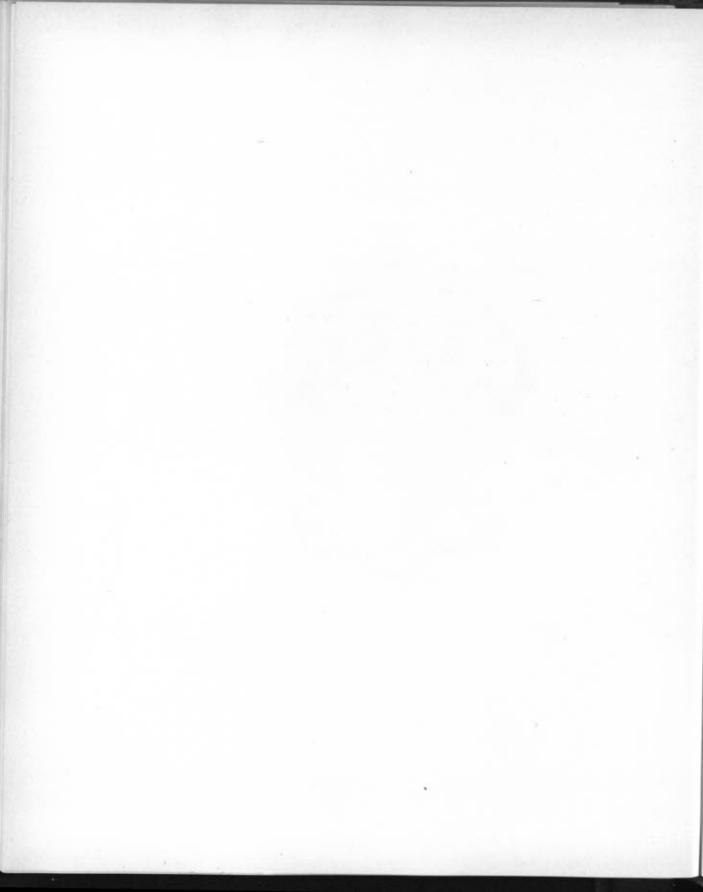
MASSACHUSETTS IOTA TAU CHAPTER

ASA JONES BIGGS [Tenn. Eta] CHARLES REID BOGGS LANGDON COFFIN JOSEPH HALL FEEMSTER, JR. GORDON MERCER GILKISON WILLIAM GREEN CARL HERMAN GRAESSER ALBERT WEIMER HEMPHILL JOSEPH KENTIGERN HEYDON HAROLD GARFIELD HIXON CARL ALFRED HOUCK JORGE LAGE CHARLES ROSS LITTIG

LINCOLN MAYO REGINALD WILLIAM MILLARD STUART READ MILLER HOWARD HAZEN McCHESNEY WILLIAM NEILSON FRANK EDWARD PAYNE OCTAVUS LIBBEY PEABODY GEORGE WILLIAM PRENTISS EDWARD FARNUM ROCKWOOD JOSEPH BLAIR SANDO RALPH LEROY SEGAR FRANK BROWN SHIELDS Ind. Alpha JEAN PHILIP VARIAN [Col. Chi] WILLIAM HAROLD WARNOCK [Mass. Delta]



Statute Phone



Phi Gamma Delta

Established 1848

Washington and Jefferson Colleg De Pauw University	. Greencastle, Ind.
Bethel College	. Russelville, Ky.
Roanoke College	. Salem, Va.
	. Charlottesville, Va.
	. Gettysburg, Pa.
	. Meadville, Pa.
	. Hanover, Ind.
	. New York, N. Y.
	. Crawfordsville, Ind.
	New York, N. Y.
	. Bloomington, Ill.
Knox College	. Galesburg, Ill.
Washington and Lee College	. Lexington, Va.
	. Delaware, Ohio
	. Bloomington, Ind.
	. Hampden-Sydney, Va
	. New Haven, Conn.
	. Columbus, Ohio
	. Philadelphia, Pa.
	. Lawrence, Kan.
[전 17 대 17 대 전 17 대 17 대 1 대 1 대 1 대 1 대 1 대 1 대 1 대 1	. Lewisburg, Pa.
	. Granville, Ohio
	. Wooster, Ohio
[- [- [- [- [- [- [- [- [- [-	. Easton, Pa.
	. Springfield, Ohio
	. Liberty, Mo.
	Berkeley, Cal.
	. Hamilton, N. Y.
	. Bethlehem, Pa.
	. State College, Pa.
	. Boston, Mass.
	. Ithaca, N. Y.
	. Minneapolis, Minn.
	. Richmond, Va.
POLICY AND STATE OF THE PROPERTY OF THE PROPER	. Baltimore, Md.
	. Knoxville, Tenn.
	. Worcester, Mass.
	. Univ. Heights, N. Y.
그 맛있는 것이 맛있는 데 그렇게 되었습니다. 그리고 하는 아이를 가지 않는 것이다.	. Amherst, Mass.
나이지 아이 아이들이 아이를 하는 것이 아이를 하는 것이 없다.	. Hartford, Conn.
	. Schenectady, N. Y.
	. Madison, Wis.
	University of Virginia Pennsylvania College Allegheny College Hanover College City College of New York Wabash College Columbia University Illinois Wesleyan University Knox College Washington and Lee College Ohio Wesleyan University Indiana State University Hampden-Sydney College Yale University University of Pennsylvania University of Fennsylvania University of Kansas Bucknell College Denison University Wooster University Lafayette College Wittenburg College Wittenburg College William Jewell University of California Colgate University Lehigh University Pennsylvania State College Mass. Institute of Technology Cornell University University of Minnesota Richmond College

Phi Iota	University of Illinois .			Champaign, Ill.
Lambda Nu	University of Nebraska			Lincoln, Neb.
Chi Mu	University of Missouri .			Columbia, Mo-
Omega Mu	University of Maine .	- 2	-	Orono, Me.
Sigma Tau	University of Washington			Seattle, Wash.
Delta Nu	Dartmouth College .			Hanover, N. H.
Sigma Nu	University of Syracuse			Syracuse, N. Y.
Theta				Tuscaloosa, Ala-
Tau Delta	University of Texas .	4	4.1	Austin, Texas
Xi Delta	Adelbert College .			Cleveland, Ohio
Alpha Iota	Purdue University .			Lafayette, Ind.
Pi Rho	Brown University .	-	130	Providence, R. I.
Chi Epsilon	Chicago University .			Chicago, Ill.
Alpha Theta	University of Michigan		10	Ann Arbor, Mich.
Lambda Sigma	Leland Stanford University			Palo Alto, Cal-



Phi Gamma Delta

IOTA MU CHAPTER

Established 1889

FREDERICK BRAINARD BARNARD
DOUGLAS CAIRNS
GEORGE ALLEN CLAPP
ELLIOT SOUTHWORTH CHURCH
QUINCY PIERCE EMERY
ARTHUR HOWLAND GOODALE
RALPH NICKERSON HALL
AXEL HAMMARBERG
ROBERT EUGENE KEYES
FREDERICK SCHUYLER KRAG
JOSEPH THOMAS LAWTON, JR.
BEN EDWIN LINDSLY
HERBERT JAMES MANN

MERRITT BEACH MERWIN
JAMES BENIDICT PACKARD
PAUL MCCLARY PAINE
HALSEY RAYMOND PHILBRICK
THOMAS COULSON PINKERTON
CHARLES WESTON RADFORD
ROBERT RAND
ERNEST GAIL SCHMEISSER
FRANZ SCHNEIDER, JR.
WALTER GEORGE DE STEIGUER
HAROLD CLAPP STETSON
PHELPS NASH SWETT
RAYMOND WARE

EMIL WILKINSON

74 Marlborough Street



Dreka Phila



Delta Tau Delta

Established at Bethany College, 1859

Chapter Roll

SOUTHERN DIVISION

				300	THERN DIVISION
Λ		7			Vanderbilt University
п					University of Mississippi
Φ					Washington and Lee University
BE				22	Emory College
B⊚					University of the South
BI					University of Virginia
BΞ					Tulane University
ГН					Columbian University
ГІ					University of Texas
				WES	STERN DIVISION
0					University of Iowa
ВГ					University of Wisconsin
BH		•	•		University of Minnesota
BK					University of Colorado
ВП					Northwestern University
BP					
BT					Leland Stanford, Jr., University
BY					University of Nebraska
	+0			*	University of Illinois
ΒΩ ΓΑ				*	University of California
Otto	**			*	University of Chicago
ΓB	•			5.5	Armour Institute of Technology
10	•				Baker University
				NOR	THERN DIVISION
В					Ohio University
Δ			-	0.23	University of Michigan
E					Albion College
Z					Adelbert College
K		*	26		Hillsdale College
M		Α.			Ohio Wesleyan University
X	10.00	*			Kenyon College
BA				0.00	Indiana University
BB		*	1.5		De Pauw University
BZ		*:		100	Butler College, University of Indianapolis
$B\Phi$	100	*1			Ohio State University
$B\Psi$					Wabash College
$\Gamma\Delta$					University of West Virginia
				EAS	TERN DIVISION
A					Allegheny College

Г				Washington and Jefferson College
P				Stevens Institute of Technology
Y				Rensselaer Polytechnic Institute
Ω				University of Pennsylvania
$B\Lambda$			5	Lehigh University
BM	4.5			Tufts College
BN				Massachusetts Institute of Technology
ВО				Cornell University
BX		1.0		Brown University
$\Gamma\Gamma$				Dartmouth College
ΓE				Columbia University
ΓZ				Wesleyan University

De

Delta Tau Delta

BETA NU CHAPTER

Established 1889

Fratres

FRED HATHAWAY ABBOTT
LAWRENCE ALLEN
EDGAR CLARK BALLOU
ALBERT FITCH BANCROFT
RAYMOND JENNESS BARBER
ROBERT HARBISON BOOTH
GEORGE HENRY BRYANT
FRANK MILTON CARHART
GEORGE HOBART CHAPMAN
MARCUS JOHNSON COLE
FRANK SPENCER ELLIOTT
ROBERT MORSE FOLSOM
ARTHUR PETERSON GERRY
JOHN TINKER GLIDDEN
ARTHUR HENRY HASTINGS

GEORGE FOSTER HOBSON
ALFRED GEORGE LANG
HENRY FRANCIS LEWIS
ELLIOTT LUM
WALTER GEORGE PFEIL
EUGENE PHELPS
WILLIAM WOODWARD RAWLINSON
WILLISTON CANFIELD RICH
VERNON STONE ROOD
HENRY ROLLO SEWELL
ARTHUR SCOTT THOMAS
CHARLES ERNEST WHITTEN
EDWARD HOWLAND WING
WILLIAM HENRY PRENTICE WRIGHT
BARTOLETTE ARTMAN YODER

Fratres in Urbe

ARTHUR GIBSON BIXBY
FRANCIS MINOT BLAKE
WILLIAM LOUIS CREDEN
CHARLES HARMONY JOHNSON
JOHN LOUIS NEWELL

HENRY BODGE PENNELL CHARLES ARNOLD ROCKWELL FREDERICK POND SIMONDS ARTHUR BLAKELEY SMITH MONTFORT HILL SMITH

CLIFFORD MOLINEAUX TYLER



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Phi Sigma Kappa

1873	Alpha	Massachusetts Agricultural College
1888	Beta	Union University
1889	Gamma	Cornell University
1891	Delta	West Virginia University
1893	Epsilon	Yale University
1896	Zeta	College of the City of New York
1897	Eta	University of Maryland
1897	Theta	Columbia University
1899	Iota	Stevens Institute of Technology
1899	Kappa	The Pennsylvania State College
1899	Lambda	The Columbian University
1900	Mu	University of Pennsylvania
1901	Nu	Lehigh University
1902	XI	St. Lawrence University
1902	Omicron	Massachusetts Institute of Technology
1903	Pi	Franklin and Marshall College
1903	Rho	Queens University
1903	Sigma	St. Johns College

Phi Sigma Kappa

OMICRON CHAPTER

Established 1902

Fratres

FRANCIS GOODWIN BELLIVEAU
EUGENE DE VERT BROWN, JR.
HAROLD GILLILAND CRANE
CHARLES LAKE DEAN
GEORGE CHOATE FURNESS
WILLIAM STRACHAN GOUINLOCK
MELVILLE BEARDSLEE HALL

JOHN BRAYTON HARLOW
THOMAS BARLOW HOLMES
EDWARD MASON REED, JR.
FRANKLIN RIPLEY, JR.
ARTHUR WILBOUR TALBOT
WILLIAM ALTON TRACY
RALPH NIMS WHITCOMB

Fratres in Urbe

ARTHUR NELSON HASTINGS HARRY TEBBETTS ROLLINS
JOHN DELANEY MCQUAID

48 Hereford Street



RALIDET PROSE



Theta Chi

Founded at Norwich University, 1856

Chapter Roll

Alpha Beta Norwich University

Massachusetts Institute of Technology

Theta Chi

BETA CHAPTER

Established 1902

FRANK EDWARD GOODNOW

WILLIAM ABBOTT HARDY

CHARLES MORTON HUTCHINS

EDWARD RUDDOCK HYDE

CHARLES EDWARD JOHNSON

BURTON WARREN KENDALL

PATRICK JAMES KENNEDY, JR.

JAMES WILLIAM KIDDER

CLARENCE EMMET LASHER

HENRY DELANO LORING

ROLAND EVERETT PAGE

RALPH OMER REED

JOHN TETLOW

PAUL BARON WEBBER

THOMAS GRAY WEBBER

Fratres in Urbe

G. F. ABBOTT GEORGE H. CHAPIN, JR.
H. K. BRIGGS E. W. CLARK
V. J. BRENNAN J. ALBERT HOLMES
LIEUT. E. A. WHEATLEY, U. S. A.

Phi Kappa Sigma

Chapter Roll

Alpha Chapter Delta Chapter Epsilon Chapter Zeta Chapter Eta Chapter Iota Chapter Mu Chapter Rho Chapter Tau Chapter Upsilon Chapter Phi Chapter Psi Chapter Alpha Alpha Chapter Alpha Gamma Chapter Alpha Delta Chapter Alpha Epsilon Chapter Alpha Zeta Chapter Alpha Eta Chapter Alpha Theta Chapter Alpha Iota Chapter Alpha Kappa Chapter Alpha Lambda Chapter Alpha Mu Chapter Alpha Nu 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 College of Charleston . University of Wisconsin Vanderbilt University . University of Alabama University of California Mass. Institute of Technology Georgia Institute of Technology .

Philadelphia, Pa. Washington, Pa. Carlisle, Pa. Lancaster, Pa. Albemarle Co., Va. New York City New Orleans, La. Urbana, III. Ashland, Va. Evanston, Ill. Richmond, Va. State College, Pa. Lexington, Va. Morgantown, W. Va. Orono, Me. Chicago, Ill. Baltimore, Md. Charleston, S. C. Madison, Wis. Nashville, Tenn. Tuscaloosa, Ala. Berkeley, Cal. Boston, Mass. Atlanta, Ga.

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

Frater in Facultate

WILLIAM H. WALKER

Fratres

FLETCHER HAMILTON BURKE

THOMAS BRECKENRIDGE CABELL

JOHN PATTEN CHADWICK

RICHARD GRANT AUG. DONNELLY, JR.,

ALEXANDER ELLIS, JR.

JOHN TIERNAN FALLON, JR. (Zeta)

HAROLD PHILIPS FARRINGTON

ROBERT DOUGLAS FARRINGTON

Fratres in Urbe

HENRY F. KING

WESLEY C. ELLIOT

HERBERT L. ADAMS

CHARLES E. ABBOTT

GEORGE C. CROCKER

JOHN E. BEARD

FRANK T. FLEGAL

FREDERICK T. HYDE

ALEXANDER W. POND

JOHN G. SURVEY

203 Aspinwall Avenue, Brookline





Alpha Epsilon



LOCAL AT TECHNOLOGY

Alpha Epsilon

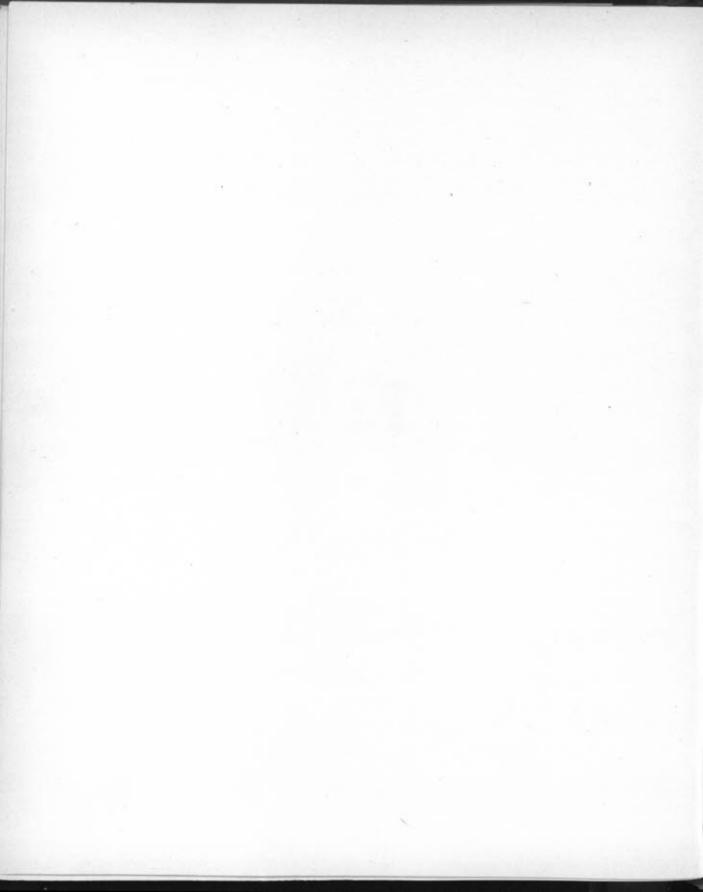
Established 1903

ARTHUR FIELD BELDING
JOSEPH HENRY BROWN, JR.
STEWART CLARK COEY
SIDNEY LOVETT COLE
LLEWELLYN DANA DAVENPORT
WALTER DODGE DAVOL
FRANCIS EDWARD DRAKE
ARTHUR EMERY FREEMAN

JAMES EDWIN GRIFFIN
GEORGE MITCHELL HENDERSON
ROBERT HOWE
HARRY LAWRENCE MOODY
CHARLES ROLLINS PRICHARD
KARL WILLIS RICHARDS
OSCAR HENRY STARKWEATHER
HERBERT LAURENCE WILLIAMS



Derko



Delta Sigma Phi

Founded 1900 at College of the City of New York

Chapter Roll

Insular	College of the City of N	lew	York,	New York, N.Y.
Morningside	Columbia University	100		New York, N.Y.
Ithaca	Cornell University .	104		. Ithaca, N. Y.
University	New York University			New York, N.Y.
Technology	Massachusetts Institute	of T	Cechnolo	ogy, Boston, Mass.

Delta Sigma Phi

TECHNOLOGY CHAPTER

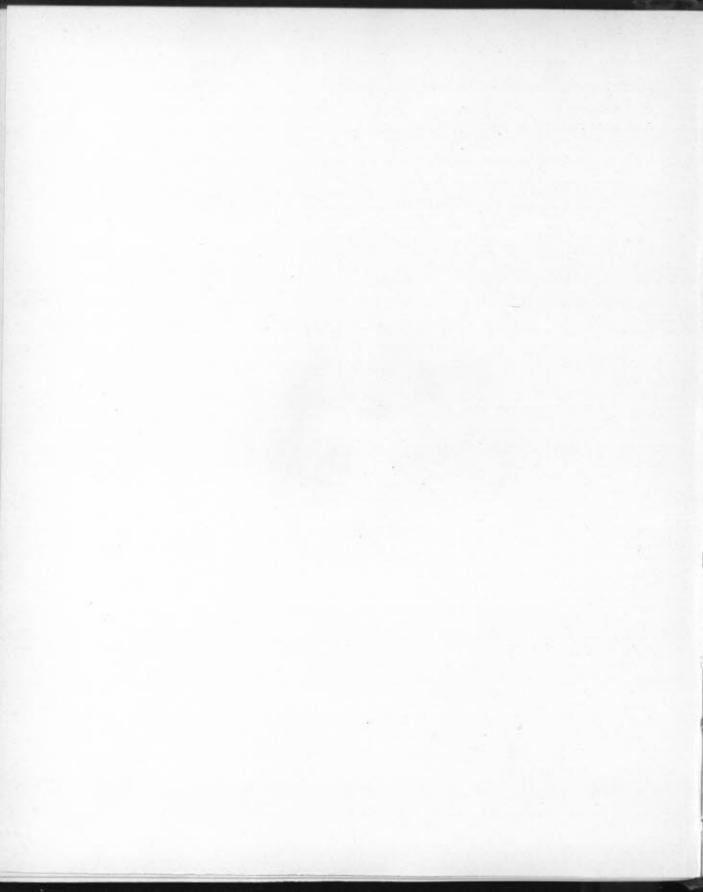
Established 1905

ALBERT ALDEN BLODGETT
WALTER MATTHEWS BUTTS
EMIL THEODORE HENIUS
ALEXANDER HICKS
MILTON LICHTENSTEIN

HARRY CHESTER LORD BYRON PEAKES LUCE HARRY CALEB MERRIAM HERBERT ALFRED STEVENS CHESTER ANDREW VOSE



EAMPERTHEA



Alpha Delta Phi



ALUMNI ASSOCIATION

Alpha Delta Phi

Alumni Association at Technology

Arlo Bates		Bowdoin College
FERNANDO MOREND BLOUNT		Yale University
JOHN HUTCHINS CADY .		Brown University
JAMES MARTIN DE MALLIE		University of Rochester .
FRANCIS HENRY KALES .		University of Wisconsin
LEON MURRAY PEASE		Kenyon College
CHARLES HUNTINGTON SMITH		Western Reserve University
FRANK LAMONT SNOW .	110	University of Rochester
GEORGE WILLIAM C. WHITING		Johns Hopkins University



Alpha Chi Rho Alpha Tau Omega

Beta Theta Pi

Chi Phi Chi Psi Delta Kappa Epsilon

Delta Phi Kappa Alpha (Southern)

Kappa Sigma

Phi Beta Kappa

Phi Delta Theta Phi Gamma Delta Phi Kappa Psi Phi Nu Theta Psi Upsilon Sigma Chi Sigma Nu

Sigma Xi

Theta Delta Chi

Edward H. Lorenz Herbert S. Bailey . . . Edward Chambers Hamner, Jr., Charles Ridgaway Bragdon John H. Fellows A. R. Holbrook Herbert D. McKibben Herbert A. Sullwold . Edward Hastings Temple, Jr. William Dexter Clarke Frank Logan . Albert W. Wells Otis V. Westervelt Maurice B. Landers . C. A. Holinfurt George W. Burpee . . . Courtlandt Woodruff Babcock William W. Ammen W. Lyne L. A. Clarke Allen Ashley George W. Burpee Edward H. Lorenz Elmer H. Wiggens Arthur Channing Long W. Pearre Rayner Arthur S. Douglass P. F. Mann Clarence B. Powell T. P. Bedford . Cecil F. Baker . William Gibbons Housekeeper Herbert S. Bailey C. L. Spuler W. A. Young

Trinity College Kansas State University Wash and Lee University Northwestern University

Denison University University of Minnesota Dartmouth College Amherst College Indiana University Dartmouth College University of Texas Hamilton College

Bowdoin College
Yale University
Johns Hopkins University
Kentucky State College
University of Chicago
University of Louisiana
Bowdoin College
Trinity College
Amherst College
Yale University
Wittenberg College
Wesleyan University
Yale University
Kansas University
Central College
University of Pennsylvania
Kansas State University

Dartmouth College



							E.H	00Pas		
								No	of Member	18
Sigma Chi .						2			. 13	8
Theta Xi .	. 3					\$. 1	4
Delta Psi .							4		. 1.	
Chi Phi									. 20	
Delta Kappa Epsilo	n .					4.	9		. 2.	
Phi Beta Epsilon				.,					. 20	
Delta Upsilon							+.		. 2	
Sigma Alpha Epsilo	on .								. 2	
Phi Gamma Delta									. 2	
Delta Tau Delta								+5.	. 3	0
Phi Sigma Kappa			. 1			,			. 1	4
Theta Chi .									. 1.	5
Phi Kappa Sigma									. 1	4
Alpha Epsilon .									. 1	6
Delta Sigma Phi			2	15	2		- 1	*	. 1	
Other Fraternities	represen	ted							. 4	2
Total .							37	19	. 34	0

PE

PERCENTAGE OF FRATERNITY MEN AT TECHNOLOGY

Year			No, of M	en	Per Cent	Year		No	o, of Men		Per Cent
1885-86.	10		52		8.5	1895-96.		4	192	,	16.2
1886-87.			42		8.9	1896-97.			189		15.8
1887-88 .			42		6.1	1897-98.			173		14.4
1888-89.			45		5.4	1898-99.			189		16.1
1889-90.			93	1.	10.8	1899-00.			216		18.4
1890-91.			158		16.0	1900-01.			213		17.9
1891-92.			184		17.1	1901-02.	,		245		17.1
1892-93.			207		18.8	1902-03.			274		16.9
1893-94.			191		16.5	1903-04.			265		17.3
1894-95.			201		16.9	1904-05.			340		21.7



K₂ S

Established 1883

Members

ROY HUTCHINS ALLEN
WARREN ULYSSES CHASE BATON
STUART WELLS BENSON
WALTER GREGORY BENT
LEAVITT NEWELL BENT
JOHN WARREN BICKNELL
EDWARD MAY COFFIN
FLYNT CUMMINGS ELDER

CHARLES WISWELL JOHNSTON
WILLIAM HERBERT KEEN
CLARENCE RONALD LAMONT
JOHN H. LEAVELL
FAY WILMOT LIBBEY
JAMES HIGBIE POLHEMUS
JOHN FOOT NORTON
HERBERT LAURENCE WILLIAMS

DOUGLAS BENNETT TURNER

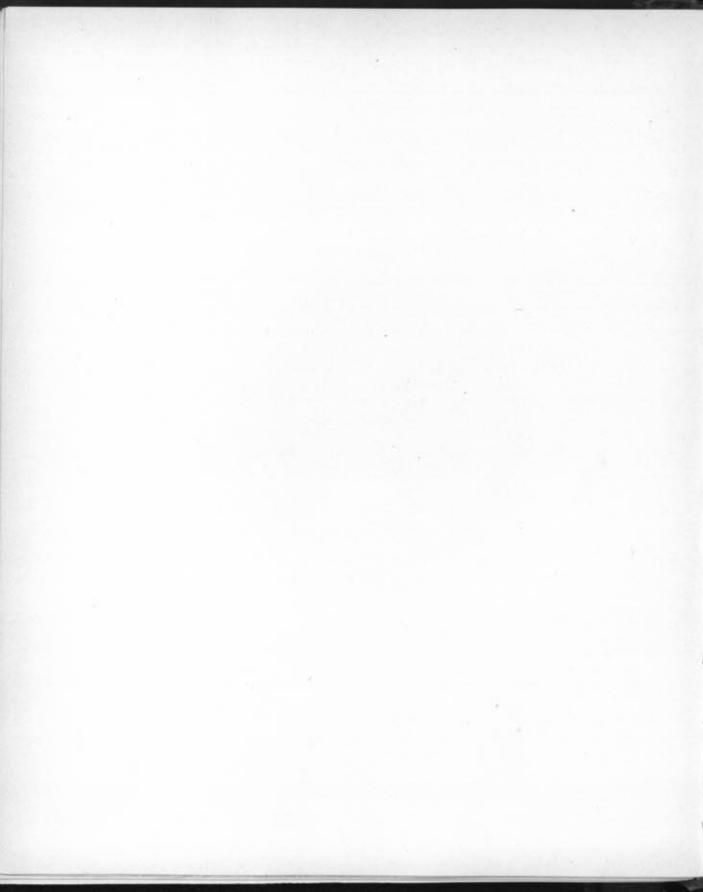
Honorary Members

JOHN ALDEN
FRED L. BARDWELL
SAMUEL CABOT
HENRY CARMICHAEL
JAMES M. CRAFTS
CHARLES R. CROSS
WILLIAM S. DAVENPORT
THOMAS EVANS
HENRY FAY
AUGUSTUS H. GILL
HEINRICH O. HOFMAN
G. RUSSEL LINCOLN
ARTHUR D. LITTLE
RICHARD W. LODGE

F. JEWETT MOORE
SAMUEL P. MULLIKEN
JAMES F. NORRIS
ARTHUR A. NOYES
THOMAS E. POPE
HENRY S. PRITCHETT
ROBERT H. RICHARDS
GEORGE W. ROLFE
WILLIAM T. SEDGWICK
JOHN W. SMITH
HENRY P. TALBOT
FRANK H. THORP
WILLIAM H. WALKER
WILLIS R. WHITNEY



Direction Physics



OSIRIS



HENRY SMITH PRITCHETT
ALFRED EDGAR BURTON
JAMES PHINNEY MUNROE

ROSWELL DAVIS GROSVENOR DE WITT MARCY

PHILIP EDWARD HINKLEY WILLIAM DUFFIELD BELL MOTTER, JR.

THOMAS EDWARD JEWETT GRAFTON BROOKHOUSE PERKINS

JAMES McClurg Lambie Preston Morris Smith

NORMAN LOMBARD EDWARD THOMAS STEEL

ROBERT HOWARD WILLIAM LORD LE BARON TURNER

CLARENCE BENTON WILLIAMS

HAMMER & TONGS

Officers

Members

JAMES LEE ACKERSON
ALLEN ASHLEY
EDWARD TAYLOR BARRON
RUTHERFURD BINGHAM
CHARLES ALVIN EMERSON
CHARLES WILLIS FISHER
RICHARD DUNCAN GATEWOOD
FRANK DAVID HALL
EDWARD CHAMBERS HAMNER
EDWIN BRUCE HILL
JOHN HAMPDEN HOLLIDAY, JR.
CHARLES DEAN KLAR

WILLIAM HUGH LALLEY
EMORY SCOTT LAND
LEWIS BOWEN MCBRIDE
GEORGE AUSTIN QUINLAN
JAMES REED, JR.
SAMUEL SEAVER
ROBERT WYNDHAM SEYMS
ALLAN SEYMOUR
EDWARD THOMAS STEEL
HENRY BOWERS THOMPSON
MAURICE CRAWFORD TOMPKINS
JOHN HENY WALSH

GEORGE WILLIAM CARLYLE WHITING



King Arthur .	1	-	. 100	LUCIUS FELT HALLET
Queen Guinever				MILTON STANLEY CLARK
Merlin	¥			JOHN RANDOLPH REYBURN

KNIGHTS

Sir Launcelot			19	•	HARRY RICE PUTNAM, JR.
Sir Galahad			9		JOHN EVANS
Sir Gewain		-			ALBERT HENRY DONNEWALD



1907

ALBERT HENRY DONNEWALD
GUSTAVO ADOLFO DUBOIS
JOHN EVANS
LUCIUS FELT HALLET
FRANK EDVERSE HAMILTON
BRADFORD BUTTRICK HOLMES
CYRUS HENRY LOUTREL

NATHAN MIDDLETON
HOWARD MORTON
ORRIN WILLIAM POTTER, JR.
JOHN RANDOLPH REYBURN
EDWARD MINER RICHARDSON
EARLE FRANCIS WHITNEY
EDWARD THRASHER WILLIAMS

JULIAN MAY WRIGHT

1908

LEANDER MOORE BROWN MILTON STANLEY CLARK MAURICE EDWARD DENNY HENRY WALKE DUN, JR. RAYMOND WEST FERRIS HARRY RICE PUTNAM, JR.
FRANCIS VALLE REYBURN, JR.
CHANNING TURNER
KURT VONNEGUT
GEORGE STONE WITMER



Where the spirits of the North, serried echelons of glory, With their rustling banners wheel through the ice-black winter skies; Where the coldly gleaming stars touch with light the mountains hoary, And the awful silence quivers with the glaciers' travailing cries;

Where the night broods on the sea as the earth were dead for ages, Hurtling down the empty void, done with life and done with time; And the icy breath of space, which of suns the fire assuages, Wraps the wide land desolate in a winding-sheet of rime,-

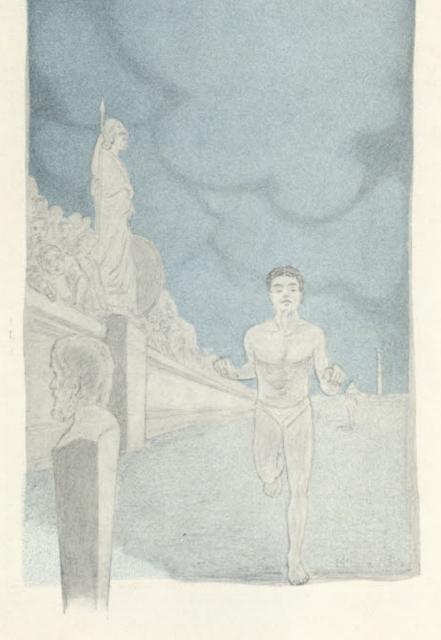
There sleeps he above whose grave laughs the North in proud derision, Who would pluck from her cold breast all her mystery concealed; What he learned no man may guess, for with death he bought the vision, Only death might know the thing that the cruel sphinx revealed.

There the hero in his sleep hears the elemental groaning Of the ice hills as they sway with the whirling of the sphere; Hears the waves about the bergs inarticulately moaning, And the polar blasts which shriek in an immemorial fear.

Not in vain his fruitless quest; not in vain his foiled ambition, Though the secret of the North by his lips was not declared; For the worth of man is gauged not alone by rich fruition; Not less noble than who won is the soul that nobly dared.

-ARLO BATES.

ATHLETICS



Athletics

De

HE degree of success which has attended athletics at Technology during the past year depends very largely on the criterion taken. Victories over other colleges were neither so numerous nor satisfying as those of the previous year; but if we can judge anything by the increase in the general interest taken, as shown by the larger number of candidates for the different teams, and the support given to those teams, this branch of our train-



MAJOR BRIGGS

ing has, emphatically, been worth while. This interest was, undoubtedly, greatly aided by the successes of the year preceding, and has now received an added stimulus in Mr. Cabot's gift to the Institute of our new "Technology Field." For years Tech. men have lacked a proper place to train and develop teams; and now that this want has been supplied, success for the future seems assured. Another factor which tends toward a better

management of athletics is the

Athletic Association, which this year has been reorganized, to assume control over all branches, instead of only track work, as heretofore; subject, of course, to the approval of the Advisory Council. The work of the 1904 Track Team was extremely erratic. An unexpected defeat at the hands of Dartmouth on our own grounds, was followed, one week later, by an equally unexpected victory over



CAPTAIN LINDSLEY AND MANAGER MANN OF TRACK TEAM

TECHNIQUE 1906

Amherst, the element of luck playing an important part in both contests. The accident to Captain Curtis just before the New England Intercollegiate seemed to demoralize the team, and the showing at

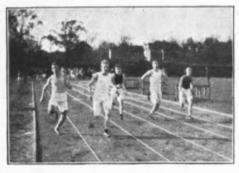


CAPTAIN JACKSON, DARTMOUTH

Worcester was poor, making rather a disappointing ending to a season which promised well. This year started well with the Fall Meet, the competitions being excellently filled and contested. Over one hundred men were in training at the Irvington Street Oval for three weeks before the meet, showing an unusual interest in this ordinarily poorly patronized event. The Cross Country Race with Harvard resulted in a magnificent victory for Technology and a personal triumph for Captain Lorenz, who won the first individual prize. The class contests on

Field Day were a marked contrast from those of 1903, as fine spirit was shown by both classes, and the 1907 victory was certainly well and hardly earned. The Tennis Tournament had the largest entry list ever received in Tech., and brought out some new men who ought to show up well in the collegiate competitions. The Basket Ball Team, although composed of nearly all last year's team, did not put up the game of its predecessor, and lost most of its games. It is a fact, however, that the men played in hard luck, losing most of the games by close scores, and often showing decided superiority in the first part of the play only, to be beaten in the

last few minutes of the second period. This was due to their inferior physical condition, and shows plainly one of the disadvantages under which Tech. athletes labor. The Hockey Team, a comparatively new institution here, started its season poorly with defeats, which



FINISH OF IOO-YARD DASH

FALL

TECHNIQUE 1906

threatened to bring it into discredit. The new rink, however, gave an excellent chance for practice, and the work of the team steadily improved, so that the showing made, as a whole, gives every reason to believe that hockey has come to stay, and become recognized as a sport in which Tech. can hold her own with other colleges. The work of the Relay Teams was extremely disappointing, both teams receiving defeat at the B. A. A. games when the prospects for victory seemed fair. The Fencing Team, as judged from the result of its contest with Columbia and Harvard, cannot be too highly praised. It was considerable of a disappointment to us that Technology was not admitted to the Intercollegiate Fencing Association, and for that reason this result of our contest with members of the Association is peculiarly gratifying.

Of the outlook for the coming year little can be said at this time. Our losses in track material have been rather severe, but it is expected that new men will be available to fill the places of those we have lost, and a season of steady, consistent work should do much to bring to Technology that supremacy which we covet.



GRAND STAND, TECHNOLOGY FIELD, BROOKLINE



HE Council consists of "three past students of M. I. T. and three undergraduates and a General Treasurer, ex officio, who shall be a past student and a resident of Boston." Its function is the regulation of all Tech. athletics and the supervision of the management of all Tech. teams.

OFFICERS

Chairman

FRANK H. BRIGGS, '81

Secretary and Treasurer
HENRY THORNTON WINCHESTER, '03

Representatives from M. I. T. Alumni Association

FRANK H. BRIGGS, '81

JOHN L. BATCHELDER, JR., '90

J. Arnold Rockwell, '96

Representatives from Athletic Association

HERBERT JAMES MANN, '06

LEBARON TURNER, '05

HERBERT L. WILLIAMS, '06

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herst, Bowdoin, Brown, Dartmouth, Trinity, Tufts and Williams as charter members. The Association is governed by an executive council, con-

sisting of a president, vice president, secretary, treasurer and an executive committee of three. This council meets in Boston once a year to transact the business of the Association, to arrange for the Annual Field Day and to elect officers for the coming year. Technology became a member of the Association in 1894.

OFFICERS-1905-'06

President

E. H. VAN ETTEN, Amherst

Vice President P. R. PETERS, Williams Secretary

L. R. WEEKS, Wesleyan

Treasurer

G. C. SIMPSON, M. I. T.

Executive Committee

F. W. PROCTOR, of Tufts

D. S. WARING, of Dartmouth

HUGHLET, of Vermont

Members of the Association

Dartmouth Amherst

Brown Bowdoin Williams Tufts

Maine Trinity M. I. T. Vermont

Wesleyan

Worcester Polytech.

Winners of Championship

Dartmouth, 6 Amherst, 7

Williams, 2 Bowdoin, 1 Tech., 1

One tie between Amherst and Brown.



HE Massachusetts Institute of Technology Athletic Association controls all athletics at the Institute subject to the approval of the Advisory Council on Athletics. Until this year its power has been restricted to track athletics, but under a new constitution, approved by the Advisory Council, it has now assumed control over all teams, and it is intended that it shall now occupy a higher position than ever before with increased power for the good of Tech. athletics.

OFFICERS

President

LE BARON TURNER, '05

Vice President

HERBERT LAURENCE WILLIAMS, '06

Secretary and Treasurer

HERBERT JAMES MANN, '06

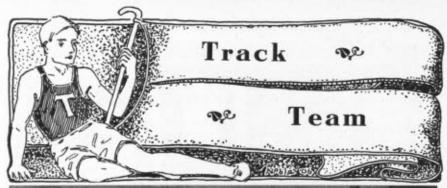
Representatives to Advisory Council

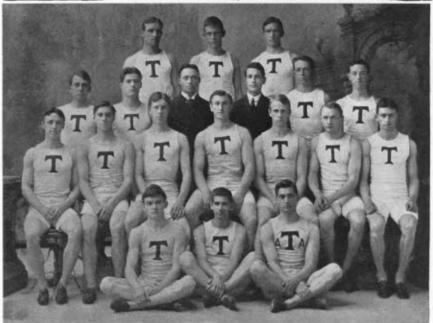
HERBERT JAMES MANN

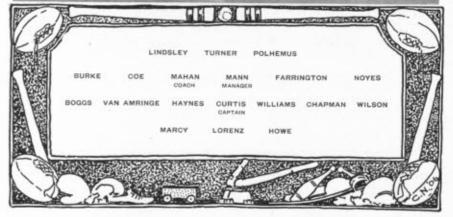
LE BARON TURNER

HERBERT LAURENCE WILLIAMS

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OFFICERS

Captain

GEORGE ALDEN CURTIS, '04

Coach

JOHN F. MAHAN

Manager

HERBERT JAMES MANN, '06

Assistant Manager

GUY CARLETON SIMPSON, '06

TEAM

WILLIAM BRENTON BOGGS, '04

CHARLES REID BOGGS, '05

RALPH HANEY BURKE, '05

MAXWELL ALANSON COE, '06

GEORGE HOBART CHAPMAN, '07 - GROSVENOR DE WITT MARCY, '05

GEORGE ALDEN CURTIS, '04. ERSKINE PHILLIPS NOYES, '07-

RALPH DAMMARELL EMERSON, '05- JAMES HIGBIE POLHEMUS, '06 —

CHARLES ROGERSON HAYNES, '04

ROBERT HOWE, '06

WILLIAM JARED KNAPP, '06

CURRIER LANG, '04

BEN EDWIN LINDSLEY, '05

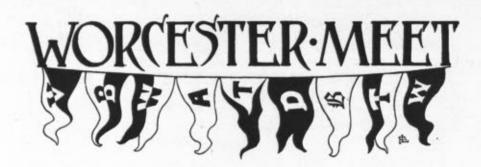
EDWARD HENRY LORENZ, '05

ROBERT DOUGLAS FARRINGTON, '05- LE BARON TURNER, '05.

WILLIAM MARTIN VAN AMRINGE, '06-

HERBERT LAURENCE WILLIAMS, '06 -

EDWARD LOWELL WILSON, '06 -



Held at Worcester, May 21, 1904

20

Event	Winners	College	Time, Height, or Distance
100-Yard Dash	G. L. SWASEY, H. L. GUTTERSON, W. B. BOGGS, F. L. THOMPSON,	Dartmouth Williams M. I. T. Amherst	10 2-5 sec.
220-Yard Dash	G. L. SWASEY, E. E. ORRELL, F. L. THOMPSON, E. C. BATES,	Dartmouth Amherst Amherst Bowdoin	22 4-5 sec.
440-Yard Dash	E. E. ORRELL, H. E. TAYLOR, S. D. WARNER, L. D. H. WELD,	Amherst Amherst Williams Bowdoin	51 4-5 sec.
880-Yard Run	H. E. TAYLOR, E. L. WILSON, W. A. NEWELL, F. FRENCH,	Amherst, M. I. T. Williams Dartmouth	2 min. 1 2-5 sec.
120-Yard High Hurdles	R. G. LEAVITT, E. V. LEWIS, C. R. HAYNES, J. M. HUBBARD,	Williams . Williams M. I. T. Amherst	16 1-5 sec.
220-Yard Low Hurdles		Williams Amherst Amherst Williams	25 4-5 sec.
One-Mile Run	R. D. TUCKER, C. H. CAMPBELL, G. H. CHAPMAN, J. J. BUTLER,	Brown Dartmouth M. I. T. Williams	

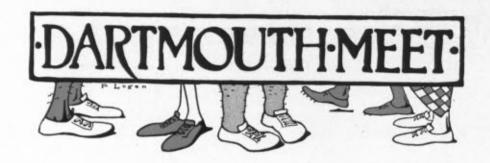
TECHNIQUE 1906

Two-Mile Run	R. D. TUCKER, C. P. SCOBORIA, P. R. SHOREY, R. H. BURKE,	Brown, 10 min. 14 2-5 sec. Tufts Bowdoin M. I. T.
Putting 16-Pound Shot	R. E. ROLLINS, A. C. DENNING, F. H. EHMKE, F. H. BROWN,	Amherst . *43 ft. 10 1-2 in. Bowdoin Brown Dartmouth
Throwing Discus .	F. H. EHMKE, A. R. DEARBORN, A. H. JEFFRIES, A. C. DENNING,	Brown *118 ft. 8 in. Wesleyan Dartmouth Bowdoin
Throwing 16-Pound Hammer		Bowdoin *138 ft. 8 in. Amherst M. I. T. Dartmouth
Tied for 4th place	B. F. HAZEN, W. H. PEABODY, R. D. FARRINGTON, J. B. EYSTER, A. PRATT, F. P. FLETCHER,	Wesleyan Amherst
Running High Jump.		Wesleyan Amherst 5 ft. 9 in. M. I. T. Williams Dartmouth
Running Broad Jump	W. P. Hubbard, M. W. Bullock,	Amherst 21 ft. 6 in. Dartmouth Tufts

TOTAL POINTS

Amherst, 43 1/3	Dartmouth, 28	Williams, 27 ½
Brown, 17	M. I. T., 16½	Bowdoin, 13
Tufts, 5	Wesleyan, 32/3	

^{*} New Record, N. E. I. A. A.



Held at Newton, May 7, 1904

20

Tech., 711/2		Dartmouth, 82½
Event	Winners	College Time, Height, or Distance
100-Yard Dash ,	G. L. SWASEY, H. L. JORDAN, W. B. BOGGS, C. LANG,	Dartmouth 10 sec. Dartmouth M. I. T. M. I. T.
220-Yard Dash .	G. L. SWASEY, H. L. JORDAN, H. L. WILLIAMS, R. HOWE,	Dartmouth 23 sec. Dartmouth M. I. T. M. I. T.
440-Yard Dash .	L. B. TURNER, H. HALEY, G. S. GOULD, W. JENNINGS,	M. I. T 55 sec. Dartmouth M. I. T. Dartmouth
880-Yard Run	F. French, R. P. Prichard, M. A. Coe, C. R. Boggs,	Dartmouth, 2 min. 6 4-5 sec. Dartmouth M. I. T. M. I. T.
120 - Yard High Hurdles	C. R. HAYNES, E. P. NOYES, M. W. BULLOCK, R. D. FARRINGTON,	M. I. T 16 2-5 sec. M. I. T. Dartmouth M. I. T.
220-Yard Low Hurdles	C. R. HAYNES, E. P. NOYES, W. M. VAN AMRINGE A. BROWN,	M. I. T 27 2-5 sec. M. I. T. M. I. T. Dartmouth

TECHNIQUE 1906

One-Mile Run	C. A. CAMPBELL, E. L. WILSON, G. H. CHAPMAN, G. D. W. MARCY,	Dartmouth, M. I. T. M. I. T. M. I. T.	4 min. 41 3-5 sec.
Two-Mile Run	E. H. LORENZ, R. H. BURKE, L. T. WALLACE, C. A. CAMPBELL,	M. I. T M. I. T. Dartmouth Dartmouth	*10 min. 25 sec.
Putting 16-Pound Shot	F. H. Brown, H. C. Blake, A. W. Gage, A. H. Jeffries,	Dartmouth Dartmouth Dartmouth Dartmouth	. 38 ft. 6 1-2 in.
Throwing Discus .	J. M. MARQUESS, A. H. JEFFRIES, C. LANG, D. C. COLESWORTHY,	Dartmouth M. I. T.	. 103 ft. 5 1-2 in.
Throwing 16-Pound Hammer	B. E. LINDSLEY, J. W. GAGE, M. MYERS, W. J. KNAPP,	M. I. T. Dartmouth Dartmouth M. I. T.	. *119 ft. 5 in.
	B. F. HAZEN, G. A. CURTIS, A. R. BLYTHE, J. TETLOW,	Dartmouth M. I. T. Dartmouth M. I. T.	11 ft.
Running High Jump	R. D. FARRINGTON, M. W. BULLOCK, G. A. CURTIS, D. C. COLESWORTHY,	Dartmouth M. I. T.	5 ft. 6 in.
Running Broad Jump	M. W. BULLOCK, H. R. BLYTHE, W. M. VAN AMRINGE C. LANG,	Dartmouth Dartmouth ,M. I. T. M. I. T.	20 ft. 6 in.

^{*} New Tech. Record.



Held at Amberst, May 14, 1904

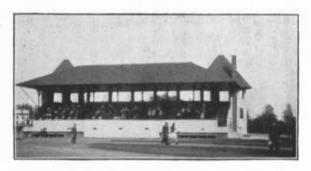
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	-	
Tech., 64		Amherst, 62
Event	Winners	College Time, Height, or Distance
100-Yard Dash	F. L. THOMPSON, W. B. BOGGS, E. E. ORRELL,	Amherst 10 2-5 sec. M. I. T. Amherst
220-Yard Dash .	F. L. THOMPSON, E. E. ORRELL, H. L. WILLIAMS,	Amherst 23 1-5 sec. Amherst M. I. T.
440-Yard Dash .	E. E. ORRELL, C. R. BLYTHE, L. B. TURNER,	Amherst 52 3-5 sec. Amherst M. I. T.
880-Yard Run	H. E. TAYLOR, E. L. WILSON, M. A. COE,	Amherst 2 min. 3 sec. M. I. T. M. I. T.
120-Yard High Hurdles	J. M. HUBBARD C. R. HAYNES, R. D. EMERSON,	Amherst 17 sec. M. I. T. M. I. T.
220-Yard Low Hurdles	J. M. HUBBARD, C. R. HAYNES, W. P. HUBBARD,	Amherst 26 sec. M. I. T. Amherst
One-Mile Run	G. H. CHAPMAN, G. D. W. MARCY, C. W. BEAM,	M. I. T 4 min. 40 sec. M. I. T. Amherst
	E. H. LORENZ, R. H. BURKE, G. H. CHAPMAN,	M. I. T *10 min. 20 3-5 sec. M. I. T. M. I. T.
N. N. T		

^{*} New Tech, Record,

TECHNIQUE 1906

Putting 16-Pound Shot		M. I. T.	. †42 ft. 9 in.
Throwing the Discus	R. E. ROLLINS, C. LANG, L. G. DIEHL,	Amherst . M. I. T. Amherst	. 103 ft. 7 in.
Throwing 16-Pound Hammer			119 ft.
Pole Vault	G. A. Curtis, R. D. Farrington, A. Pratt,	M. I. T M. I. T. Amherst	*11 ft.
Running High Jump	H. E. TAYLOR, R. D. FARRINGTON, G. A. CURTIS,	M. I. T.	†5 ft. 9 1-2 in.
Running Broad Jump	W. P. HUBBARD, W.M. VAN AMRINGE C. LANG,	,M. I. T.	21 ft. 5 4-5 in.



PRATT FIELD, AMHERST

^{*} New Tech. Record, † New Amherst Record.



April 23, 1904

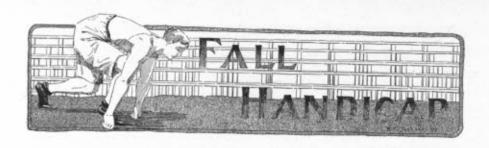
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Event	Winners	Time, H	eight or Distance
100-Yard Dash	M. T. LIGHTNER, '06 W. B. BOGGS, '04 H. L. WILLIAMS, '06 C. LANG, '04		10 2-5 sec.
220-Yard Dash	M. T. LIGHTNER, '06 R. HOWE, '06 H. L. WILLIAMS, '06 J. H. LEAVELL, '07		22 4-5 sec.
440-Yard Dash	M. T. LIGHTNER, '06 R. HOWE, '06 G. B. MANSON, '04 H. H. WEST, '06		55 4-5 sec.
880-Yard Run	E. L. WILSON, '06 M. A. COE, '06 C. R. BOGGS, '05 W. A. MOFFATT, '06	2 min.	10 4-5 sec.
120-Yard High Hurdles .	C. R. HAYNES, '04 R. D. FARRINGTON, '05 E. P. NOYES, '07 R. D. EMERSON, '05	* * *	17 2-5 sec.
220-Yard Low Hurdles .	E. P. Noyes, '07 C. R. Haynes, '04 W. M. Van Amringe, '09 H. H. Needham, '04	6	28 sec.

TECHNIQUE 1906

One-Mile Run	E. L. Wilson, '06 G. D. W. Marcy, '05 R. W. Rose, '06 L. Allen, '07
Two-Mile Run	E. H. LORENZ, '05 *10 min. 30 sec. R. H. BURKE, '05 P. J. CLAPP, '06 G. H. RUGGLES, '06
Putting 16-Pound Shot .	J. H. POLHEMUS, '06 33 ft. 10 in. V. H. PAQUET, '05 C. HOY, '04 F. W. BARROWS, '07
Throwing Discus	CURRIER LANG, '04 95 ft. 11 in. W. S. GOUINLOCK, '05 H. P. BOYNTON, '05 B. E. LINDSLEY, '05
Throwing 16-Pd. Hammer	B. E. LINDSLEY, '05 114 ft. 6 in. W. S. GOUINLOCK, '05 J. TETLOW, '07 H. E. WALKER, '07
Pole Vault	G. A. Curtis, '04 *10 ft. 10 3-4 in. R. S. Phillips, '04 R. D. Farrington, '05 J. Tetlow, '07
Running High Jump	R. D. FARRINGTON, '05 5 ft. 4 in. H. P. FARRINGTON, '07 L. D. DAVENPORT, '07 C. R. BURLEIGH, '06 Tied
	H. L. DEAN, '05
Running Broad Jump .	Currier Lang, '04 19 ft. 11 in. C. F. Northrup, '06 L. B. Turner, '05 G. D. Luther, '07
Points: '06, 55	1-2; '05, 43 1-2; '04, 35; '07, 20.

^{*} New Tech, Record,



Held at Brookline, Oct. 29, 1904

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Event		Winners	(No times taken) Handicaps
100-Yard Dash		K. W. RICHARDS, '07 (2 ya	ards)
		H. W. WELLINGTON, '08 (
		J. H. LEAVELL, '07 (4 yards	
220-Yard Dash .		K. W. RICHARDS, '07 (5 ya	ards)
		J. H. LEAVELL, '07 (4 yards	i)
		F. W. Barrows, '07 (8 yar	ds)
440-Yard Dash .		L. A. LOOMIS, '08 (25 yard	s)
		R. Howe, '06 (8 yards)	
		P. N. SWETT, '07 (20 yards)
880-Yard Run .		H. H. NELSON, '05 (45 yard	ls)
		H. R. CALLAWAY, '08 (40 y	ards)
		C. W. BEAM, '07 (10 yards))
120-Yard High H	urdles	R. D. FARRINGTON, '05 (6	yards)
		R. C. Albro, '07 (6 yards)	
		E. L. OVINGTON, '04 (Scrat	rch)
220-Yard Low Hu	rdles	B. E. LINDSLEY, '05 (15 yar	rds)
		R. C. Albro, '07	
		E. L. OVINGTON, '04 (Scrat	rch)
One-Mile Run .		C. W. BEAM, '07 (10 yards)	
		G. H. Buckingham, '06 (2	
		R. W. Rose, '06	, , ,

TECHNIQUE 1906

E. H. LORENZ, '05 (Scratch) Two-Mile Run M. E. MACGREGOR, '07 (60 yards) P. G. CLAPP, '06 (60 yards) . V. H. PAQUET, '05 (1 foot) . 35 ft. 11 in. Putting 16-Pound Shot B. E. LINDSLEY, '05 (1 foot) H. CHILDS, '08 Throwing 16-Pd. Hammer B. E. LINDSLEY, '05 (Scratch) 113 ft. 3 in. W. S. GOUINLOCK, '05 (10 feet) H. CHILDS, '08 (15 feet) Throwing Discus . . . B. E. LINDSLEY, '05 (Scratch) 95 ft. 1 in. W. CHILDS, '08 (15 feet) V. H. PAQUET, '05 (10 feet) Pole Vault (Tied for 1st) § E. L. OVINGTON, '05 (18 inches) 10 ft. 2 in. C. R. BURLEIGH, '06 (18 inches) R. D. FARRINGTON (Scratch) Running High Jump . . G. R. GUERNSEY, '06 (5 inches) 5 ft. 7 in. R. D. FARRINGTON, '05 (Scratch) C. R. Burleigh, '06 (3 inches) Running Broad Jump . . W. A. SHELDON, '06 (6 inches) 18 ft. 2 in. R. C. Albro, '07 (3 inches) J. J. THOMAS, '07 (2 inches)



Held in Exeter Street Gymnasium, Feb. 16, 1905

20

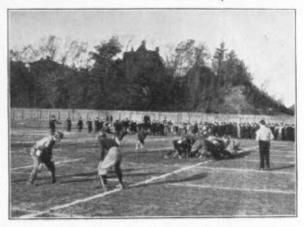
Event	Winner		Time, Height or	Distance
40-Yard Dash	K. W. RICHARDSE. P. NOYES, '07R. B. TODD, '08E. B. SNOW, '05		43	-5 sec.
45-Yard High Hurdles	E. P. Noyes, '07 R. D. Farringt C. A. Eaton, '0 R. C. Albro, '0'	on, '05 7	, 54	-5 sec.
Potato Race	R. Howe, '06 G. D. W. Marc E. H. Lorenz, ' O. H. Starkwe	y, '05 05	1 min. 51 3	-5 sec.
Putting 16-Pound Shot	V. H. PAQUET, 'H. CHILDS, '08 J. H. POLHEMUS, B. E. LINDSLEY,	'06	. 34 ft. 3	1-2 in.
High Jump	R. D. FARRINGT C. R. BURLEIGH, H. P. FARRINGT C. A. HOLMQUES	'06 on, '07	5 ft. 5	1-2 in.
Military Relay Race	Won by Class	of 1907	Time, 55 1	-5 sec.
9	de			
S	UMMARY OF	POINTS		
				1000
	906	1907		1908
20	11	30		5

Fourth Annual Field Day

De

"Technology Field" in Brookline, and a more auspicious opening could not have been desired. The Cross-Country Race with Harvard finished in the field before the class contests began, and resulted in a brilliant victory for Tech-

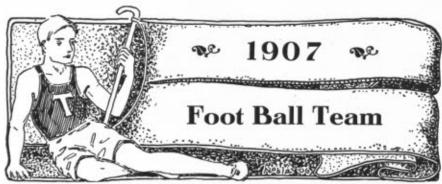
nology. The football game went easily to the Sophs. by a score of 22-0, after a good fight in the first half. The Tug of War, according to precedent, was taken by the even class,—'08. The event of the day, however, proved to be the Re-



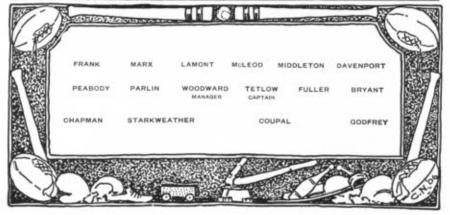
lay Race, which was fought nip and tuck from beginning to end, and resulted in a tie. The general feeling throughout the Institute pronounced the day the most successful yet held.

SUMMARY OF POINTS

				1907	1908
Football Game				4	0
Relay Race .			21	1 1/2	11/2
Tug of War				0	2
				51/2	31/2









Captain John Tetlow

Manager

WILLIAM LYSANDER WOODWARD

	4.				
OSCAR HENRY STARKWEATHER			0.4		. Left End
ALLAN SEYMOUR				10	. Left Tackle
RAYMOND WASHINGTON PARLIN	*				. Left Guard
SAMUEL ABRAHAM MARX .	?				C C C C C C C C C C C C C C C C C C C
NATHAN ATHERTON MIDDLETON	3	3.5		*	. Center
MALCOLM McLEOD					Right Guard
OCTAVUS LIBBEY PEABODY ?					D 1. T 11.
JOHN MAYER FRANK				•	Right Tackle
GEORGE HOBART CHAPMAN .			200		. Right End
STUART CHAPIN GODFREY)					
JOSEPH SAMUEL COUPAL . 5 .					Quarter Back
CLARENCE RONALD LAMONT)					D: 1. II.1/
JOHN ALLEN DAVIS	.51		10	*	. Right Half
JOHN TETLOW .)					Left Half Back
GEORGE HENRY BRYANT 5	*	•		*	Left Hall Dack
LLEWELLYN DANA DAVENPORT ?					. Full Back
ARCHIBALD PRESCOTT FULLER		*	1		. Full Dack
	20				
		C .			
S C H E D U L	EOF	GA	MES		Score
October 15, '07 vs. Dedham Hig	h Sch	loc	227	25	. 12-16
October 21, '07 vs. Newton Hig					. rain
October 29, '07 vs. Vaughn Prep			nool		0-0
November 5, '07 vs. Brighton Hig	gh Sch	ool		0.0	0-17
November 12, '07 vs. '08 .					22-0

FOOT BALL TEAM 08

		Ö	E			1		
		and the		المرون	がない	-4	T	T.
Captain		Mana	ger			1 3		
JOHN STETSON BARNES	Do	UGLAS	CAI	RNS	All	1	1	
	7500				,	Top	Na71*,00	
	Т	EAM				-		
EDWARD RICHARD SMITH								t End
GEORGE THUMEL GLOVER		8.53		2				Cackle
HUNTLEY CHILD	3%		×					Guard
SHERWOOD HALL, JR			V				CONTRACTOR OF STREET	Center
ALEXANDER ELLIS, JR							-	Guard
HARRY ANDREW RAPELYE					100	R	ight T	Tackle
GARNETT ALFRED JOSLIN > WILLIAM ROY HEILMAN				24			Righ	t End
JOHN STETSON BARNES .		10	1	10		0	uarter	Back
HARRY RICE PUTNAM, JR.				10				Half
CLIFFORD HALL BOYLSTON			- 00				Righ	t Half
LEONARD STINSON GEROULD		7.00		25				Back
S	UBS	TITU	TES					
HORACE ETHAN ALLEN .						R	ight T	Cackle
MAURICE EVERETT ALLEN		**			*:			Guard
RALPH TUCKER REGNELL					+3			Center
EDGAR IRVING WILLIAMS							Lef	t Half
		20						
SCHEI	DUL	E OF	GA	MES				
208 as Chalcas High School								6-5
'08 vs. Chelsea High School '08 vs. Medford High School	8		100					6-0
'09 vs. Dean Academy .						34	1.0	0-21
'08 vs. Brighton High School			V	540	22			5-11
'08 vs. Lowell High School	-6	2		2.		.*	100	8-6
'08 vs. '07				24				0-22



1907

1908

Captains

KARL W. RICHARDS, '07

LYNN A. LOOMIS, '08

Managers

GARDNER S. GOULD, '07

W. ELLIOT WEINZ, '08

TEAMS

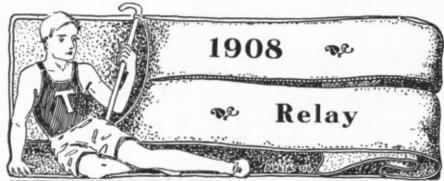
JOHN H. LEAVELL
FREDERICK W. BARROWS
HARRY LAWRENCE MOODY
CHARLES W. BEAM
CHARLES R. BRAGDON
ROBERT C. ALBRO
PHELPS N. SWETT
CHARLES A. EATON
ROLAND H. WILLCOMB
JOHN J. THOMAS
SAMUEL R. T. VERY
KARL W. RICHARDS

W. ELLIOT WEINZ
ROBERT B. TODD
HENRY W. SHALLING
CARROLL D. STEELE
WILLIAM C. TAYLOR
FERDINAND J. FRIEDMAN
CHARLES A. EDMUNDS
JOHN C. BROOKS
J. FRANCIS DWIGHT, JR.
FRANCIS G. BELIVEAU
LYNN A. LOOMIS
THOMAS W. ORR

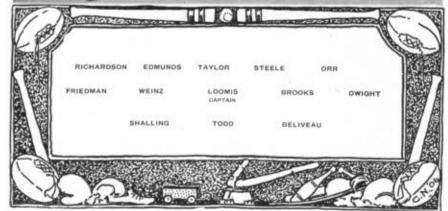
SUBSTITUTES

GEORGE W. OTIS LAWRENCE ALLEN WALTER J. E. BARCUS HARRY F. RICHARDSON

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1907

1908

Captains

JOHN F. REHN

H. L. CARTER

Managers

HAROLD S. WONSON

F. B. STEVENS

TEAMS

J. M. BARKER

R. G. Donnelly

J. EVANS

W. B. GONDER

L. F. HALLETT

F. E. HAMILTON

L. C. HAMPTON

H. B. HASTINGS

J. P. HINCKLEY

R. G. Hudson F. C. Jaccard

F. S. McGregor

E. H. MARSH

A. MILLER

W. P. Monahan

R. D. MORRILL

J. F. REHN

L. P. RUSSELL

R. B. SANDERS

E. H. SQUIRE

S. P. THACHER

A. E. WIGGIN

H. S. Wonson

R. G. WOODBRIDGE

E. G. HUKILL, Anchor

H. E. BATSFORD

M. L. BODENSTEIN

H. L. CARTER

M. J. COLE

R. W. CUSHING

H. A. Ellis

H. C. ELTON

W. D. FORD

I. GÓMEZ

L. GORDON

M. L. HAMMOND

A. W. HEATH

A. R. HUNTER

B. S. LESLIE

O. S. Lyon

S. A. MALCOLM

C. W. MORRISON

W. G. PFEIL

F. N. PIERCE

W. W. RAWLINSON

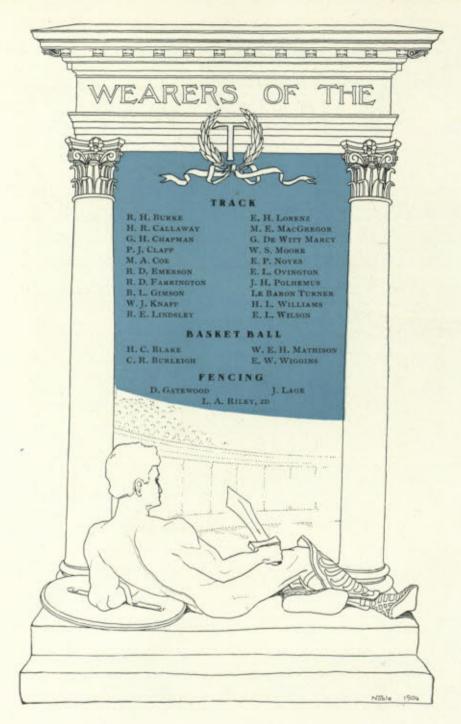
R. I. RIPLEY

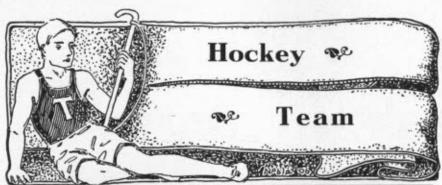
F. B. STEVENS

C. W. WHITMORE

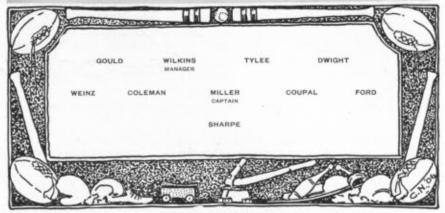
H. WEBB

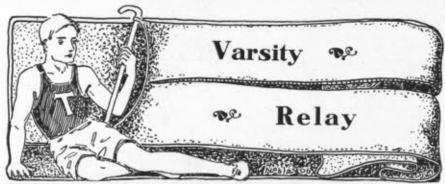
B. E. BIRD, Anchor



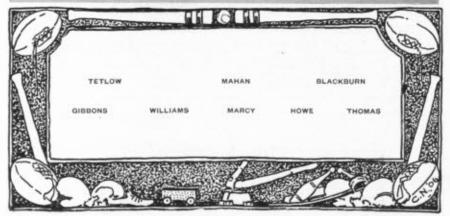












RELAY TEAM



Ran at Boston Athletic Association Games, Feb. 11, 1905

20

NEW ENGLAND INTERCOLLEGIATE CHAMPIONSHIP

Won by Dartmouth. Time, 7 min. 28 3-5 sec.

TECH TEAM

ROBERT HOWE, '06

G. D. W. MARCY, '05

JOHN TETLOW, '07

E. L. WILSON, '06

Each man ran 780 yards, making total of 3,120 yards

20

RELAY RACE WITH BOWDOIN

Won by Bowdoin. Time, 3 min. 18 1-5 sec.

TECH TEAM

J. J. THOMAS, '07

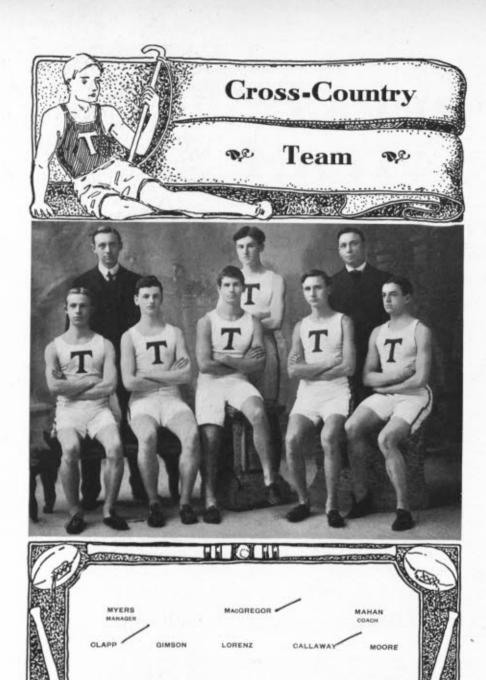
M. J. GIBBONS, '06

H. W. BLACKBURN, '08

H. L. WILLIAMS, '06

Each man ran 390 yards, making total of 1,560 yards

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OFFICERS, 1904-1905

President

Secretary

K. O. MAJOR, '07

Captain
E. H. LORENZ, '05

F. B. POOLE, '05

Chase Captain
B. B. HOLMES, '07

Manager

L. F. Myers,'05

20

CROSS-COUNTRY RACE WITH HARVARD

Course from West Roxbury to Brookline

November 12, 1904

Distance, 4 1-2 miles

Won by M. I. T., 38-40; Time, 24 min. 58 sec.

ORDER OF FINISHING

- 1. E. H. LORENZ, T.
- 2. W. G. HOWARD, H.
- 3. H. R. CALLAWAY, T. 4. R. W. LAMSON, H.
- 5. P. J. CLAPP, T.
- 6. H. H. ROWLAND, H.

- 7. W. S. MOORE, T. -
- 8. C. J. JACKMAN, H.
- 9. S. WHITTAKER, H.
- 10. B. L. GIMSON, T .-
- W. G. CROSBY, H.
 M. E. MACGREGOR, T.

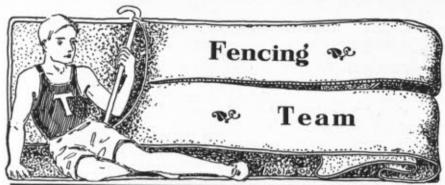
30

ANNUAL FALL HANDICAP RUN

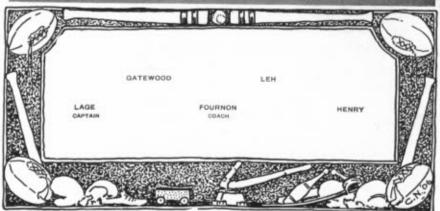
Course, West Roxbury

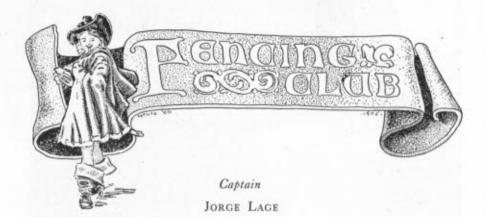
November 19, 1904

Distance, 8 miles









TEAM

JORGE LAGE

DUNCAN GATEWOOD

SIDNEY M. HENRY

HAROLD M. LEH

Manager, CLARKE EDWARD WARREN

MATCHES

February 21, Triangular Meet with Harvard and Columbia, held in Technology Gymnasium

Won by

3d

M. I. T.

Tie between

11 points

Columbia and Harvard with 8 points each

March 3, Triangular Meet with Harvard, Cornell and Tech. Held in Technology Gymnasium

Won by

2d

3d

M. I. T.

Cornell

Harvard

13 points

11 points

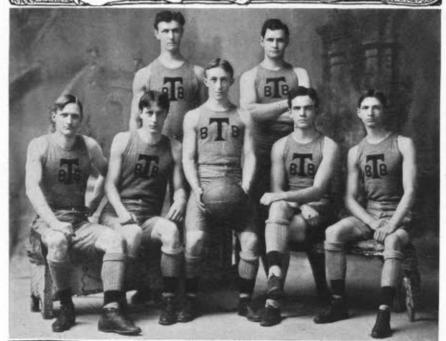
3 points

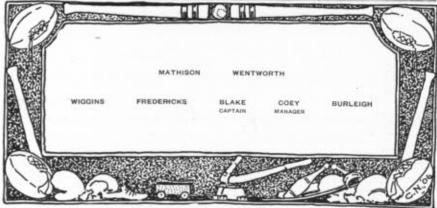
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Basket Ball

🗫 Team 🗫







Captain

HOWARD COLBURN BLAKE, '06

Manager

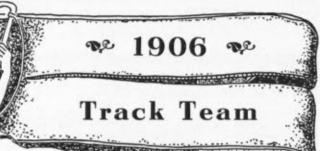
STEWART CLARK COEY, '06

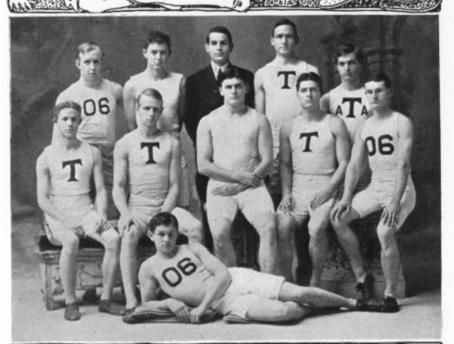
TEAM

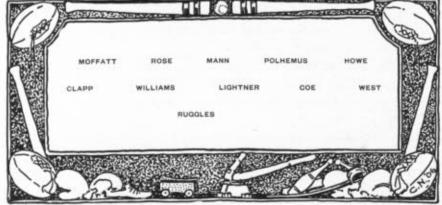
30

SCHEDULE OF GAMES

Date								Score
December 7,	Technology vs. Boston Un	iver	sity					17-20
December 14,	Technology vs. Holy Cross					4	1	11-33
	Technology vs. Dartmouth							27-29
	Technology vs. Worcester							25-28
	Technology vs. Harvard							14-20
January 14,	Technology vs. Tufts .			'n,				33-5
February 11,	Technology vs. Amherst							26-23
February 13,	Technology vs. Harvard							13-21
February 15,	Technology vs. Brown .							20-23
February 24,	Technology vs. Worcester							26-35
March 1,	Technology vs. Holy Cross							39-18
March 3,	Technology vs. Tufts .							26-11
March 10,	Technology vs. Dartmouth							25-24









CHAMPIONSHIP CLASS TEAM

Captain

MILTON TURNLEY LIGHTNER

TEAM

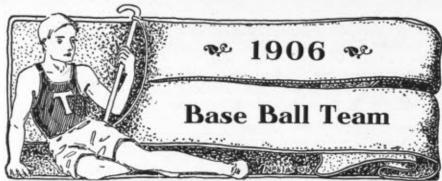
CHARLES RANDALL BURLEIGH	JAMES HIGBIE POLHEMUS
MAXWELL ALANSON COE	ROBERT WARE ROSE
PRESCOTT JONES CLAPP	GUY HALL RUGGLES
ROBERT HOWE	WILLIAM MARTIN VAN AMRINGE
MILTON TURNLEY LIGHTNER	HARRY HYDE WEST
WILLIAM ANDREW G. MOFFATT	HERBERT LAURENCE WILLIAMS
CARL FREDERICK NORTHRUP	EDWARD LOWELL WILSON

-1

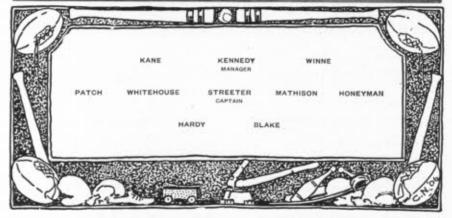
SUMMARY OF POINTS FOR CLASS CHAMPIONSHIP

			*04	'05	106	'07
Indoor Meet, January, 1904			18	17	15	24
Spring Meet, April, 1904			35	43½	$55\frac{1}{2}$	20
			_	-		_
Totals		150	53	601/2	701/2	44

Won by Class of 1906









BASE BALL TEAM ? 06

Captain

HAROLD WARNER STREETER

Manager

PATRICK JAMES KENNEDY, JR.

TEAM

					Position
WILLIAM ABBOT HARDY .					. Catcher
PATRICK JAMES KENNEDY .					First Base
GEORGE MORRIS WINNE .				-	Second Base
HOWARD COBURN BLAKE BRUCE RITCHIE HONEYMAN			13.53		Third Base
HAROLD WARNER STREETER		7.			Short Stop
ABRAHAM LAMPIE		-			Left Field
JOHN FRANCIS HALEY					Center Field
RALPH REGINALD PATCH } JAMES ALLEN KANE		,			Right Field
MORRIS HOMANS WHITEHOUSE WILLIAM E. H. MATHISON WALTER BREVOORT WYMAN	}				. Pitchers

SCHEDULE OF GAMES

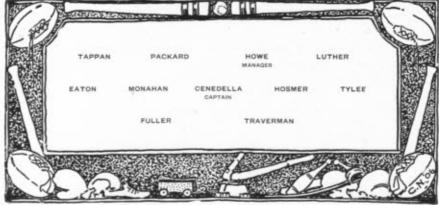
Date					Score
April 9, 1906 vs.	M. A. H. S.				9-0
April 13, 1906 vs.					15-8
April 15, 1906 vs.					23-9
April 19, 1906 vs.					19-10
April 23, 1906 vs.					8-2
May 4, 1906 vs.	Tufts 2d .				4-14
May 11, 1906 vs.					9-18
May 14, 1906 vs.					12-9
May 17, 1906 vs.					1-9
					-

Games won, 6 Games lost, 3 Per cent won, .667



Base Ball Team





BASE BALL TEAM 907

CLASS CHAMPIONS 1904

A. P. FULLER

W. M. SAGE

W. P. Monahan E. H. Packard

G. D. LUTHER

A. H. CENEDELLA R. TAPPAN

C. A. EATON

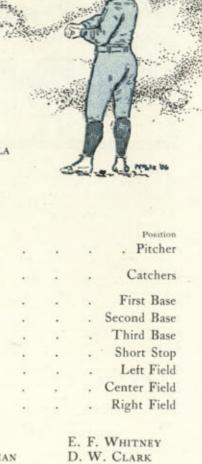
H. B. HOSMER A. R. TYLEE Captain

A. H. CENEDELLA

Manager

C. D. Howe

TEAM



Substitutes

H. L. GARDNER	C. R. LAMONT	E. F. WHITNEY
A. R. TYLEE	C. J. TRAUERMAN	D. W. CLARK
	F B BARNARD IR.	

SCHEDULE OF GAMES

Date									Score
April 19, 1907	vs. Brighton	High	Schoo	d					5-8
April 23, 1907	vs. Tufts, '0	7				19	+0		10-11
April 30, 1907	vs. Milton F	ligh S	chool		235		96		7-10
May 3, 1907	vs. English l	High S	School				6		9-20
May 7, 1907	vs. Waltham	High	Schoo	ol			*		5-6
May 11, 1907	vs. 1906					***			18-9
May 14, 1907	vs. 1906							,	9-12
May 17, 1907	vs. 1906								9-1
Games won, 2	Gar	nes los	st, 6		P	er cen	t Gan	nes w	on, 25

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THE New England Intercollegiate Tennis Association holds one tournament in May of each year, in which each college is represented by two single teams and one double team.

OFFICERS

President

L. T. WALLIS, Dartmouth

Vice President
W. W. WISE, Tufts

Secretary and Treasurer PORTER, Brown

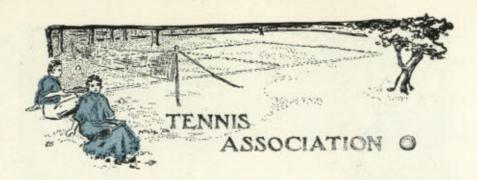
MEMBERS OF THE ASSOCIATION

Amherst Colby Vermont
Bates Dartmouth Wesleyan
Brown Trinity Williams
M. I. T. Tufts

Technology Representatives

S. M. HENRY

R. HAZELTINE



HE Massachusetts Institute of Technology Tennis Association holds one tournament open to all students of the Institute in the fall of each year. The winning team in doubles and the winner and runner up in the singles represent Tech. in the intercollegiate tournament in the spring.

OFFICERS

President

PHILIP B. STANLEY, '06

Vice President
SIDNEY M. HENRY, '04

Secretary and Treasurer
JOSEPH DWIGHT, '06

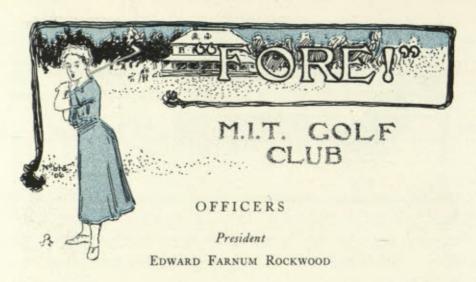
FALL TOURNAMENT

Finals

Singles - P. R. FANNING defeated M. T. LIGHTNER . 6-2, 6-3, 6-4

Doubles-M. T. LIGHTNER and S. A. GREELY defeated

A. R. CULLIMORE and H. P. FARRINGTON . 7-5, 6-1, 9-7



Secretary and Treasurer HUDSON BRIDGE HASTINGS Captain

FREDERICK SCHUYLER KRAG

TEAM

THORNTON MERRIWEATHER GILMER ARTHUR HOWLAND GOODALE WALTER GEORGE PEEL FREDERICK SCHUYLER KRAG

ORRIN WILLIAM POTTER, JR. -EDWARD FARNUM ROCKWOOD

HONORARY MEMBERS

HENRY S. PRITCHETT FREDERICK H. BAILEY

HARRY E. CLIFFORD DAVIS R. DEWEY

MEMBERS

J. M. BAKER M. E. DENNY Q. P. EMERY T. M. GILMER A. H. GOODALE H. B. HASTINGS F. F. HUTCHINGS F. S. KRAG

T. P. MOOREHEAD L. H. PARKER O. W. POTTER, JR. E. C. RICHARDSON E. F. ROCKWOOD C. TURNER L. B. TURNER H. S. WILKINS

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Records

De

American Amateur

N. E. I. A. A.

M. I. T. A. A.

9 3-5 sec.

21 1-5 sec.

B. J. Wefers

100-Yard Dash 10 sec.

10 1-5 sec.

A. F. DUFFY

A. E. CURTENIUS Amherst

R. S. Franklin, '03

H. H. CLOUDMAN

Bowdoin

220-Yard Dash

22 I-5 sec.

H. H. CLOUDMAN

22 3-5 sec. L. B. TURNER, '05

Bowdoin

120-Yard High Hurdles

15 3-5 sec.

16 2-5 sec.

15 sec. A. C. KRAENZLEIN

STEPHEN CHASE Dartmouth

E. L. Ovington, '04

C. R. HAYNES, '04

220-Yard Low Hurdles

23 3-5 sec.

A. C. KRAENZLEIN

25 4-5 sec.

G. P. BURCH

M. I. T.

P. P. EDSON

Dartmouth

25 4-5 sec.

G. P. Burch, '99

440-Yard Dash

50 1-5 sec.

M. W. Long

1 min, 53 2-5 sec.

C. H. KILPATRICK

47 sec.

G. B. SHATTUCK

51 1-5 sec. J. A. ROCKWELL, '96

Amherst

880-Yard Run

1 min, 59 sec.

H. S. BAKER

M. I. T.

1 min. 59 sec.

H. S. BAKER, '03

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TECHNIQUE 1906

One-Mile Run

4 min, 24 3-5 sec. 4 min. 15 3-5 sec. T. P. CONNEFF

A. L. WRIGHT Brown

4 min. 30 3-5 sec.

H. S. BAKER, '03

Two-Mile Run

9 min. 27 4-5 sec. 10 min. 3 4-5 sec.

O. N. BEAN ALEX. GRANT Brown

10 min, 20 3-5 sec.

E. H. LORENZ, '05

Running High Jump

5 ft. o 3-4 in.

6 ft, 1-2 in.

I. R. BAXTER

C. D. HEYWOOD, '93

Trinity

Running Broad Jump

22 ft, 5 1-4 in.

22 ft. 1-2 in,

24 ft. 7 1-4 in. M. PRINSTEIN H. C. VAN WEELDEN A. W. GROSVENOR, '99 Trinity

Pole Vault

12 ft, 1 1-3 in.

6 ft. 5 5.8 in.

M. F. SWEENEY

N. Dole

11 ft, 6 1-2 in.

J. L. HURLBUT Wesleyan11 ft.

G. A. Curtis, '04

Putting 16-Pound Shot

49 ft. 17-8 in.

W. W. COE

43 ft. 10 1-2 in.

40 ft. 1-4 in.

R. E. ROLLINS H. P. McDonald, '01

Amherst

Throwing 16-Pound Hammer

172 ft. 11 in. JOHN FLANAGAN

133 ft, 6 1-2 in.

M. J. SHERIDAN

138 ft. S in.

119 ft, 5 1-2 in.

A. C. DENNING

B. E. LINDSLEY, '05

Bowdoin

Discus Throw

118 ft, Sin.

F. H. EHMKE

110 ft, 2 1-2 in.

L. G. Morrill, '05

Brown

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TECHNIQUE 1906

SPECIAL EVENTS OF THE M. I. T. A. A.

	Holder	Time, Height or Distance				
7.0	J. W. Horr, '02		4 3-5 sec.			
	R. D. Farrington, '05		. 5 ft. 7 3-4 in.			
	F. W. Barrows, '07 .		34 ft. 3 in.			
	G. A. Curtis, '04		. 10 ft. 4 1-2 in.			
	J. A. Rockwell, Jr., '96		50 1-5 sec.			
		. A. W. GROSVENOR, '99 . J. W. HORR, '02 . R. D. FARRINGTON, '05 . F. W. BARROWS, '07 . G. A. CURTIS, '04	Holder . A. W. Grosvenor, '99 J. W. Horr, '02 R. D. Farrington, '05 F. W. Barrows, '07 G. A. Curtis, '04 J. A. Rockwell, Jr., '96 .			

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RECORDS ESTABLISHED DURING THE PAST YEAR

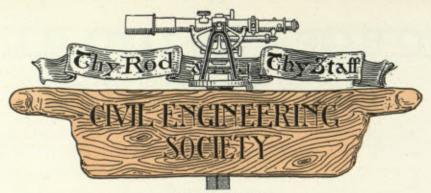
Event		Holder			Record
Two-Mile Run		E. H. LORENZ			10 min 25 sec.
Throwing 16-Pe	nund				
Hammer		B. E. LINDSLEY			119 ft. 5 in.
Two-Mile Run		E. H. LORENZ			10 min. 20 3-5 sec.
Pole Vault .		G. A. CURTIS			. 10 ft. 10 3-4 in.
					11 ft.



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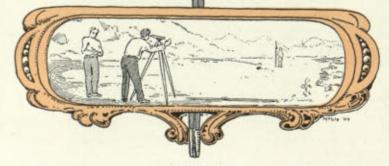
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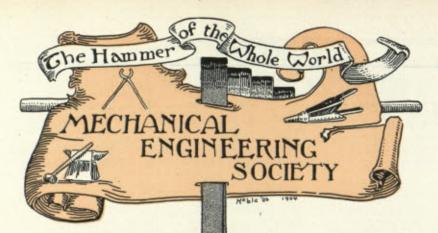
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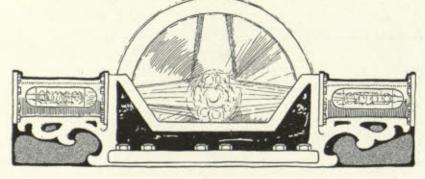
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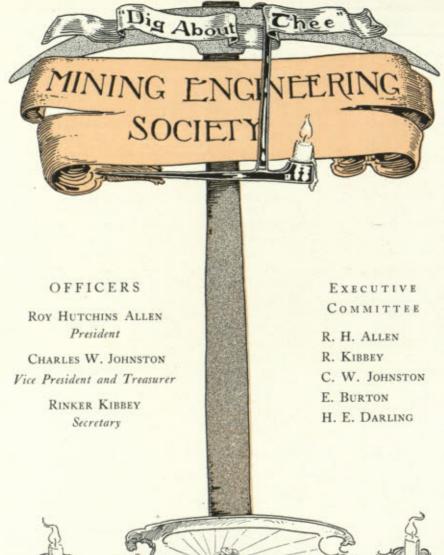
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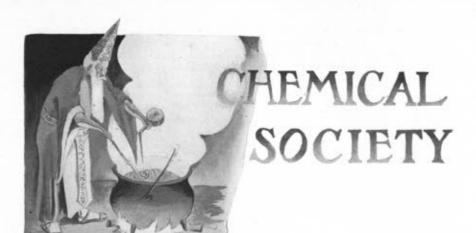
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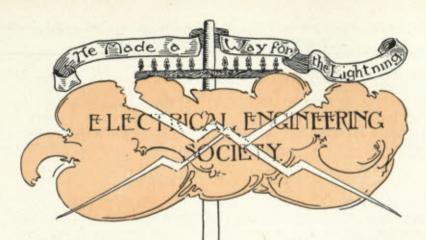
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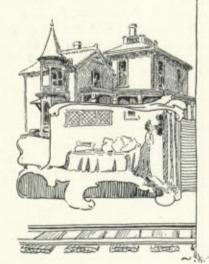
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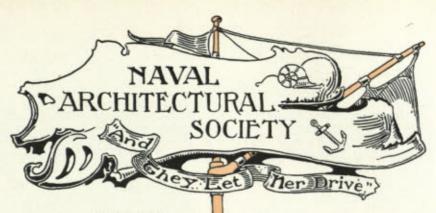
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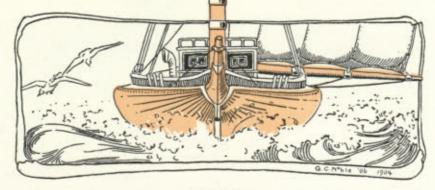
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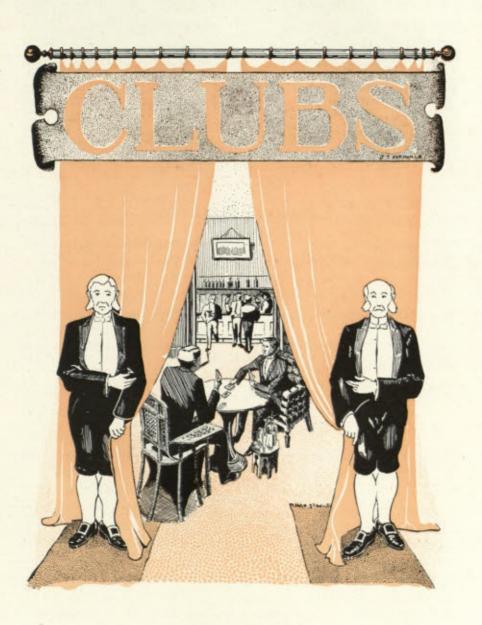
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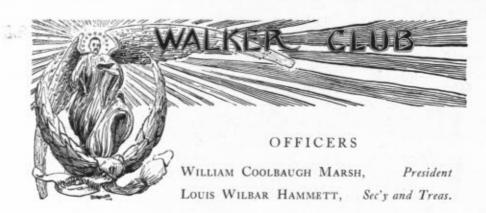
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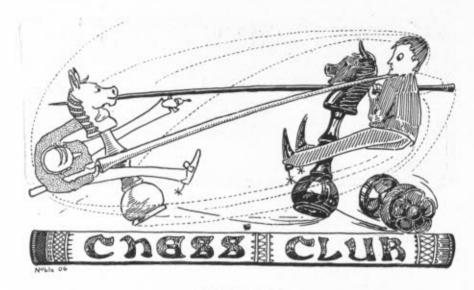
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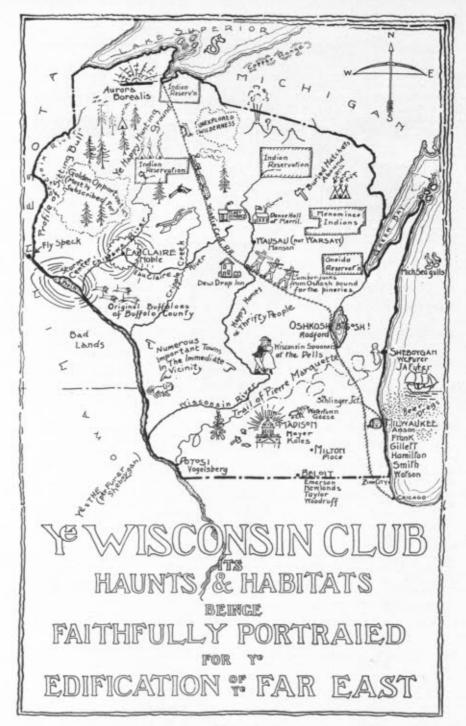
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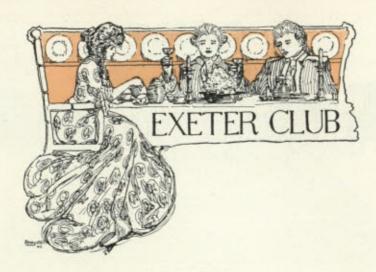
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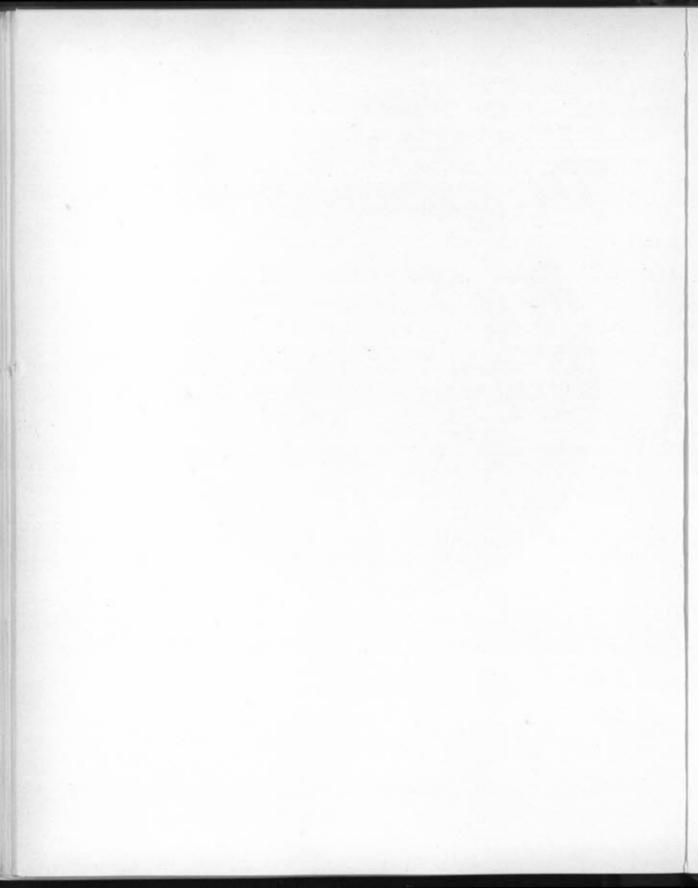
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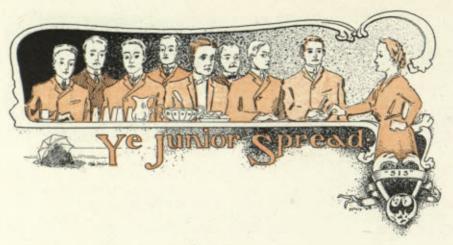


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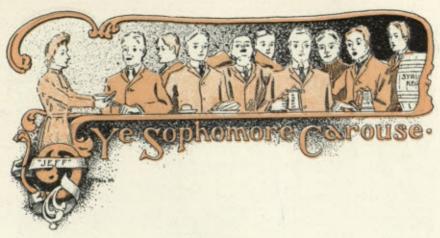
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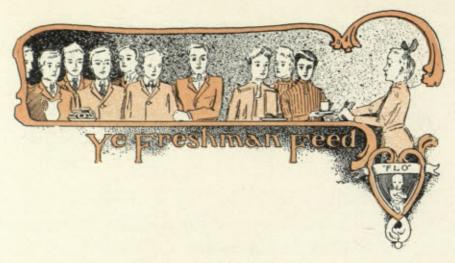
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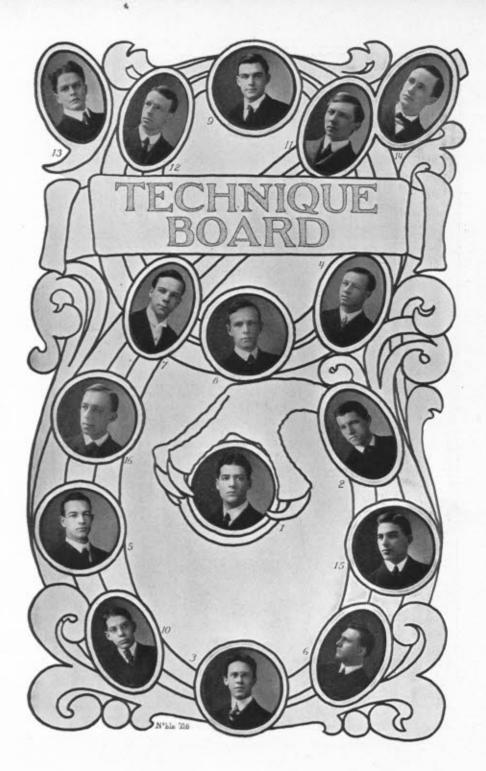
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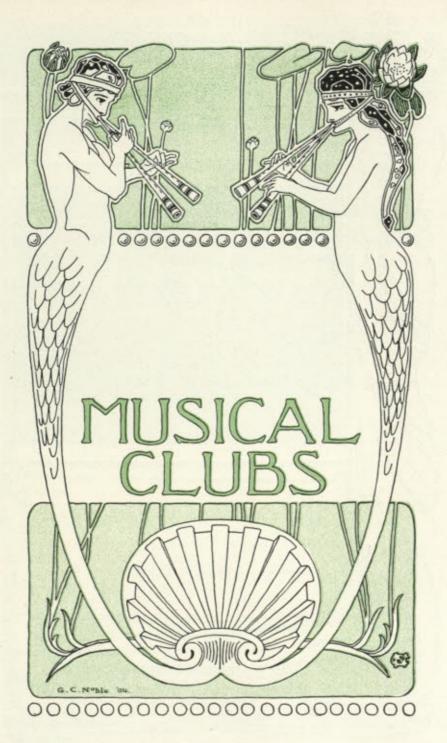
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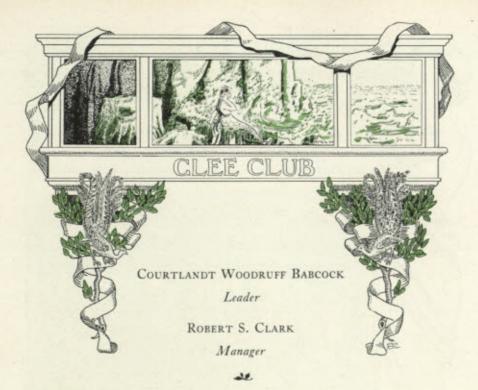
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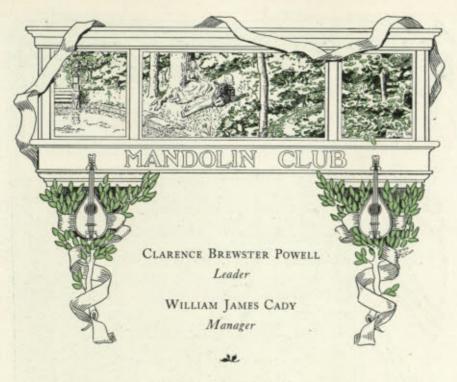
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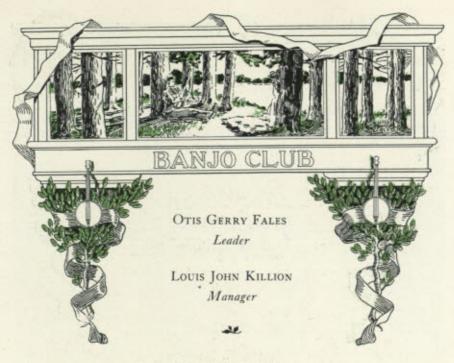
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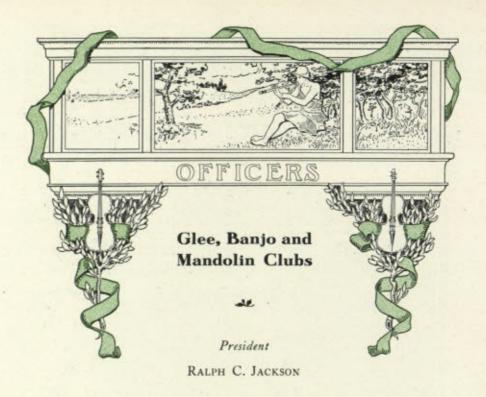
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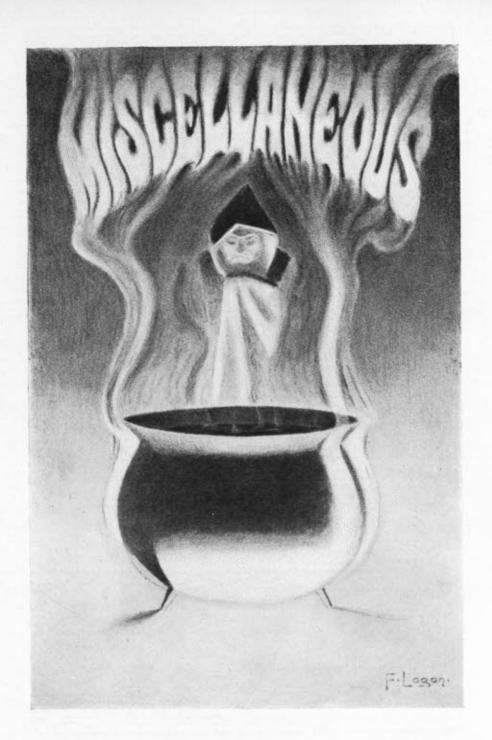
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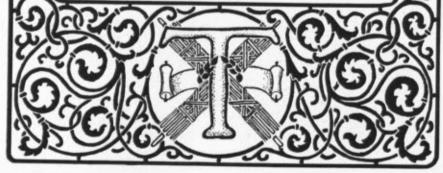
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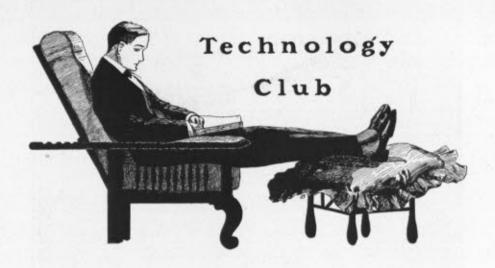
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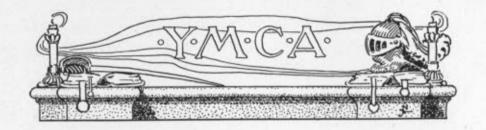
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EDWIN S. GRAHAM .					Student House



HE Co-operative Society succeeded in giving the sum of one thousand dollars in scholarships, thus gaining on its record of last year. The Society has for its object the furnishing of financial aid to needy students. The funds are raised by the sale of text-books and instruments at co-operative branches and the sale of membership tickets. The Society has given assistance to eighty-four students during their course of study at the Institute, and has distributed nine thousand seven hundred and twelve dollars.

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1907

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TECH HOUSE, 138 EUSTIS STREET

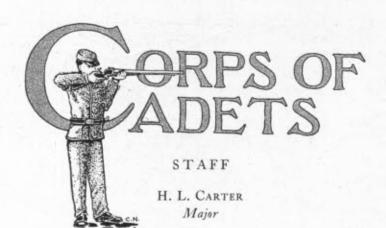
Under the direction of

DR. PRITCHETT



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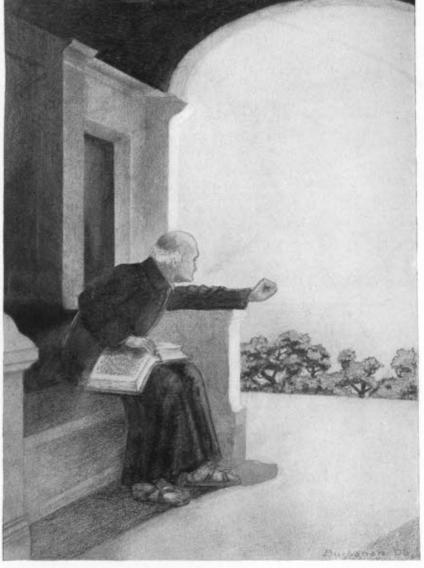
Drum Major

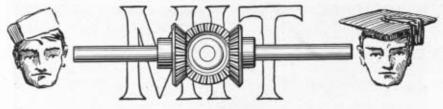
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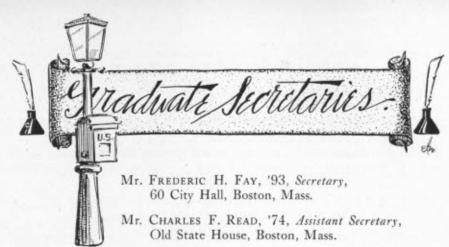
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STEPHEN A. GARDNER, JR., Secretary,

Technology Society of Philadelphia

'00

'02

Annapolis Society of Massachusetts Institute of Technology

The Pursuit of Knowledge

Laetano Getty



ONG pause . . . Well, it's quarter past nine now, and I simply must get to steel to-day. Where did I leave off? Oh! I will call the roll. Let me see. Mr. — is wanting. No? This must be the wrong section. No it aint. Yes, I guess it is. Well . . . Oh, this is it. Now let me see. Mr. - is wanting. No he aint. Well, then, Mr. — is wanting. Well, maybe he will come in later. What time is it getting to be, anyway? We must get to steel to-day. Yes, I simply must. Are there any questions? Well, Mr. —? That's your name, aint it? I have on my long distance glasses. You want to know what the radius of gyration is? Well, I will have to go back a little. The American Society wanted to draw up specifications, but the French Society persisted in sticking to tests. Well, things went on this way. You see the head of the American Society was Mr. Jones, Mr. W. B. Jones; yes, Mr. William B. Iones. Well, as I was saying, things went on this way until at last the American section started a separate organization which had for its object the making of specifications from tests of the full-sized pieces. Well, things went on this way, and the specifications were drawn up, but the Society has not adopted them yet. This was not in time for me to revise my book, but I will soon, because things are rolling up. That's the way they do, you see. That aint all, but we must get to steel to-day.

Well . . . where will I begin? Oh, that answers your question, don't it? What was your question, anyhow? Well . . . no matter; I guess it did, anyway. Well, now where will I begin? Where did I leave off? This is a good place. No it aint. Yes it is. What time is it getting to be anyway? Huh?

I want to talk on the tests of full-sized pieces. Commander Beardsley made some tests at Watertown on chain cable. I want you men to learn to study a table. That aint hard, is it? Huh? Well, the poor steel makers were at a loss; they got a dozen different specifications, and one was no better than the other. Now the Society is trying to fix things up and set standards for tests. Did I tell you about the Society? Yes? Well . . . now we must get to steel to-day.

What is high carbon steel? We have got to steel at last. I told you we would have to get to steel to-day. I hate to leave wrought iron, but you fellows must sit down and study that, and learn to draw deductions from the tests.

Well . . . what is steel? Now, Mr. Ames says it is not iron; that is, anything that is not steel is iron. Or in other words, steel is anything that aint iron. Huh? Well, this is nearly right. It is hard to say where wrought iron stops and steel begins, but we can't go into the metallurgy of steel. You will get that in your metallurgy. No you won't, because you don't get metallurgy. Well, that aint important. What time is it getting to be, anyway? Huh? Well, this is all the time we have to-day. Read over the advance lesson, and be sure to remember all what I have told you. Did I give any advance lesson? No? Well, go to page 414. Huh?



Smiles That Won't Come Off



Oh, Herr Blachstein! Oh, Herr Blachstein! You charm us with your wit divine, And on our faces cause to shine The smile that won't come off.

You call and mispronounce my name, To turn and twist it seems your aim; At any rate the end's the same, The smile that won't come off.

Your hat and rubbers are to me The same fresh joke they'll always be, For when you wear them, then we see The smile that won't come off.

You always get a grand ovation At each and every convocation, And cause, besides a great sensation, The smile that won't come off.

We've always found you true and trusty, Straight, good, and kind, and never crusty; You keep our smile from getting rusty, The smile that won't come off.

May never your bright sallies cease, Not even when we've our degrees; May you give future classes, please, The smile that won't come off.



CLASS OF NINETEEN HUNDRED AND FOUR

Saturday, June 4th.

Concert to Graduates by Musical Clubs, Huntington Hall, 8 P. M.

Sunday, June 5th.

Baccalaureate Sermon by Rt. Rev. William E. Lawrence, D.D., LL.D., Bishop of Massachusetts, Trinity Church, 4 P. M.

Monday, June 6th.

Class Day. Class Day Exercises in Huntington Hall, 2.30 P. M. Class Day Reception and Spread on the Lawn at 4.30 P. M.

Tuesday, June 7th.

Graduation Day. Graduation Exercises in Huntington Hall, 2.30 P. M.; President's Reception in General Library at 4 P. M.



Huntington Hall, Monday, June 6, 1904, 2.30 P.M.

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PROGRAM

Address by th	e Presi	dent	of the	Class	. V	VALTER	ELBRIDGE HADLEY
Address by th	e First	Mars	hal				. CURRIER LANG
Statistics						WILLIA	M HOSMER EAGER
Oration .						MERTO	N LESLIE EMERSON
Presentation	Oration	1			Louis	GUSTA	VE BOUSCAREN, JR.

CLASS DAY OFFICERS

First Marshal .	-		- 5.	CURRIER LANG
Second Marshal				LOUIS GUSTAVE BOUSCAREN, JR.
Third Marshal		*		. WILLIAM HOSMER EAGER
T 11 1 CH				. WALTER ELBRIDGE HADLEY
Orator				. MERTON LESLIE EMERSON
Statistician .				. WILLIAM HOSMER EAGER
Presentation Orator				Louis Gustave Bouscaren, Jr.

CLASS DAY COMMITTEE

GEORGE EDWIN ATKINS
ARTHUR WARREN BARTLETT
Bernard Blum
Louis Gustave Bouscaren, Jr.
JOHN FORD CARD
GEORGE ALDEN CURTIS
WILLIAM HOSMER EAGER
GUY WARNER EASTMAN
DAVID ELWELL

MERTON LESLIE EMERSON
CHARLES ROGERSON HAYNES
EVERETT OSGOOD HILLER
AMASA MAYNARD HOLCOMBE
RALPH OSBORNE INGRAM
CURRIER LANG
JOHN DELANEY MCQUAID
GEORGE HARDY POWELL
CHARLES LEONARD STEINROCK



Huntington Hall, Tuesday, June 7, 1904

PROGRAM

READING OF ABSTRACTS OF THESES

ADDRESS BY THE PRESIDENT

CONFERRING OF DEGREES

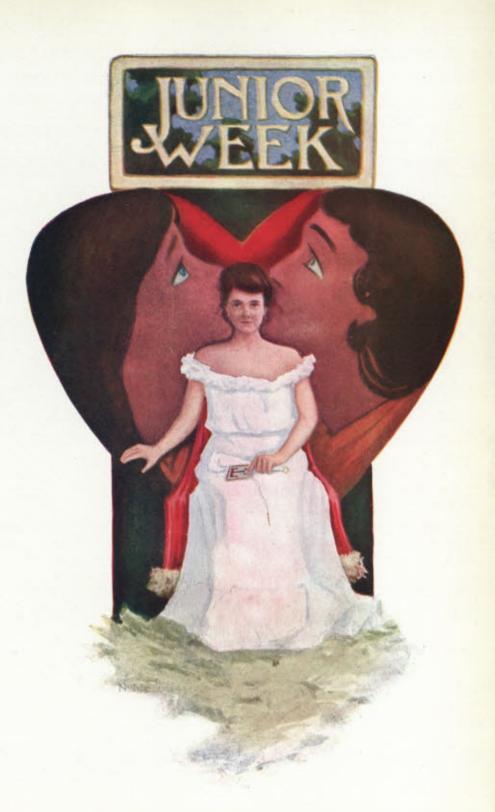
PRESIDENT'S RECEPTION

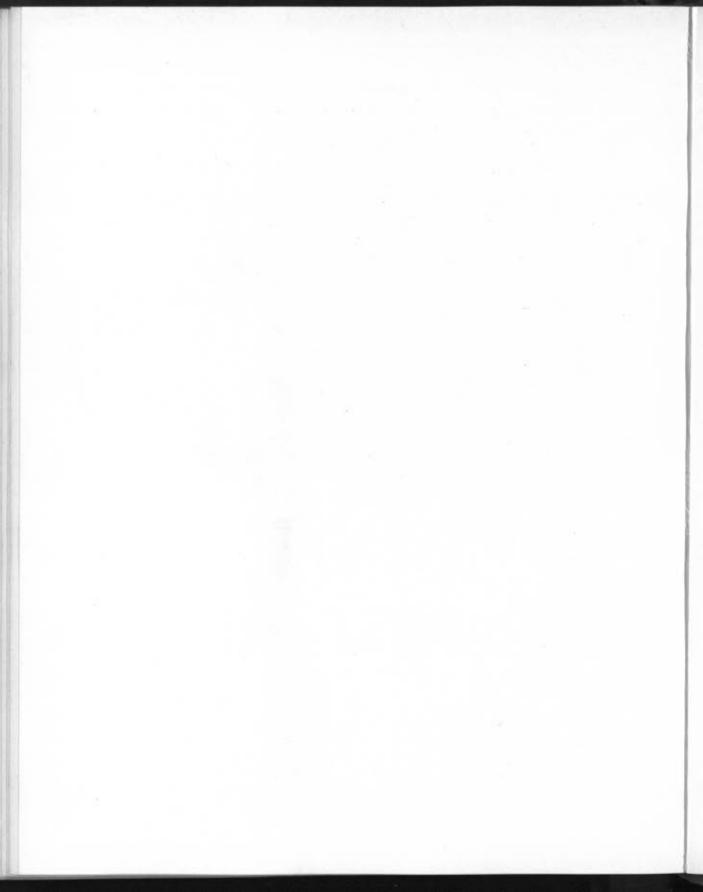
ABSTRACTS OF THESES

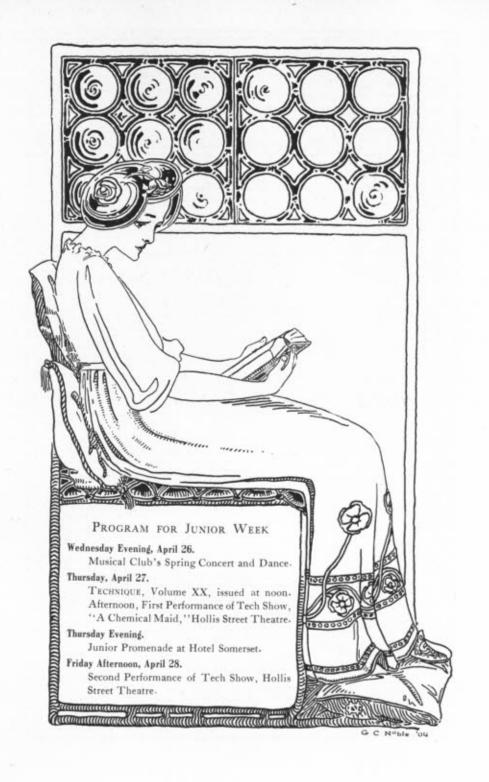
Tests to Determine the Shearing Strength of Mortar and Concrete .	ARTHUR RAYMOND HOLBROOK and OSCAR GOWEN THURLOW
Tests on Concrete Columns Reinforced with Steel Rods	WILLIAM LESLIE DOTEN and CYRUS YALE FERRIS
The Concentration of a Copper Sulphide Ore from Virginia	WALDRON PAGE SCHUMACHER and JOHN FORD CARD
A Design for a Columbarium for a Large Cemetery	HENRY WOODBURY ROWE
A Study of an Enzyme Contained in the Seeds of the Castor Bean	LYMAN MURPHY BOURNE, M.Sc.
The Construction and Operation of B an Experimental High Power Transmission Line	GRANT FORD, B.S., GRANT FORD, B.S., LESTER ASA RUSSELL and WILLIAM NEWMAN TODD

An Investigation of the Efficiency of Commercial Milk Pasteurizers	WILLIAM C. LOUNSBURY
The Effect of Magnetism on Dielectric Capacity	Daniel Frost Comstock
A Study of the Development of Massa- chusetts Trust Companies	MELVIN HUMBERT SCHWARTZ
A Study of the Destructive Distillation of Some American Peats	CHARLES FRANCIS UNDERHILL and CHARLES HOY
A Study of the Loss of Capacity in Sewage Filters	HENRY PHILKINS DRAKE
Tests on the Auxiliary Engines of the Steamship Nantucket	GEORGE EDWIN ATKINS and GEORGE HARDY POWELL

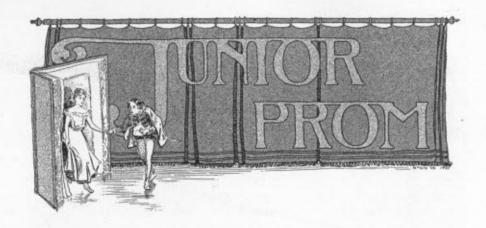








The Prom. Committee BLODGETT WILLIAMS COEY LAWTON KNAPP MESMER



Hotel Somerset, Thursday Evening, April 27, 1905



MATRONS

Mrs. GEORGE O. KNAPP

Mrs. George F. Swain

Mrs. Joseph T. Lawton

Mrs. GEORGE V. WENDELL



COMMITTEE

Chairman

WILLIAM JARED KNAPP

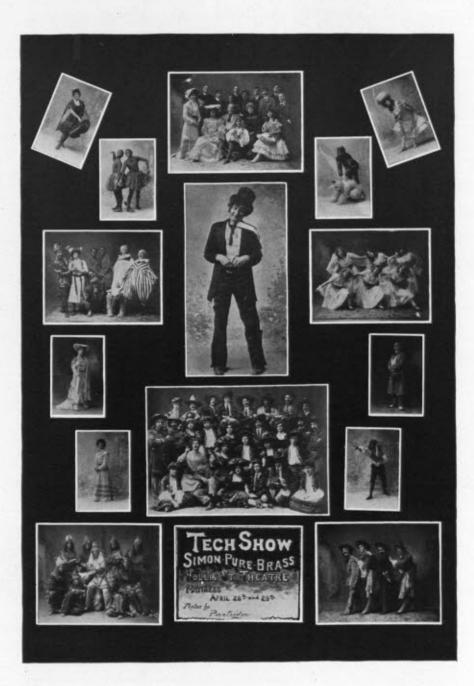
LAURENCE GOULD BLODGETT JOSEPH THOMAS LAWTON, JR.

STEWART CLARK COEY LOUIS FRANCISCO MESMER

HERBERT LAURENCE WILLIAMS

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Seventh Annual Tech Show

PHILIP EDWARD HINKLEY, '05 RAYMOND WASHINGTON PARLIN, '07 FRANK SIDNEY HAMILTON, '07 JOSEPH DAMON WHITTEMORE, '07 RALPH G. KANN, '07 ALEXANDER MACOMBER, '07 ERLE FRANCIS WHITNEY, '07 General Manager Business Manager Assistant Business Managers Assistant Stage Manager
Press Representative

The Chemical Maid

(A Musical Comedy in Two Acts)

BOOK AND LYRICS BY GEORGE HENRY BRYANT, '07 MUSIC BY

RALPH BARTON SANDERS, '07 RALPH BARTON SANDERS, '05 HERBERT MYGATT WILCOX, '05 EMERSON HURD PACKARD, '07 CHARLES FRANCIS WILLIS, '06 CHARLES WOLSTON COFFIN, '07 HARRY LAWRENCE MOODY, '07
LOUIS JOHN KILLION, '05

Given at the Hollis Street Theatre on the afternoons of April 27th and 28th

			TH	E C	AS	T	
MAUD, the Chemical Maid . JACK TAR, of the good ship Spy DICK, owner of the Spy . POLLY, a simple Miss . TOM, Polly's lover .							. ALBERT FITCH BANCROFT, '07
IACK TAR, of the good ship Spy							ROSWELL DAVIS, '05
DICK, owner of the Spy							CYRUS HENRY LOUTREL, '07
POLLY, a simple Miss							Joseph Daniels, '05
TOM, Polly's lover							. RALPH BARTON SANDERS, '07
LIEUTENANT CARLY, U.S. S.	Chi	cago.			50		ALEXANDER ELLIS, '08
SIR EXPLODE, Professor of chem	istry	at the	Uni	versi	ty,		GEORGE MITCHELL HENDERSON, '06
MRS, EXPLODE, Sir Explode's lo	ving	wife					JOSEPH BLAIR SANDO, '08
HEINIE, inn keeper							KURT VONNEGUT, '08
BAILIFF, of Festalburg							. James Edward Griffin, '00
MAMIE, bar maid at Heinie's Inn	. 12						John Missroon Morris, '06
JACK STRAW, a chemical residue							WILLIAM ALEXANDER ADAMS, '08
MAX BRUCHER		1				1.	BRYANT NICHOLS, '07
FELIX JAHRMANN		- 1				1 .	. EDWARD HAYNES SARGENT, '00
HERMANN LEDERMANN .		- 1				1 .	. WILLIAM WILMOT BOYNTON, '08
ULRICH VON PFLUGE		- (1 .	. MILTON STANLEY CLARK, '08
PHILIP MUNCHNER		1	Sh	udent	No.	1.	. HAROLD LESTON CARTER, '08
CHRISTOPHER KRAFTY .		1	136	utacaa.	10	1.	CHARLES LEWIS LUFKIN, '08
DIETRICH BUCHNER		- 1				1.	. Chester Buxton Lambirth, '08
PETER SCHLMIHL		1				1 .	. CLARENCE DECATUR HOWE, '07
BARRET KRIEGSMAN						1 .	. EVERETT CHESEBRO STANTON, '06
MICHAEL KOHLHAUSE .		1				1.	John Allen Remon, '08
BERTHA HOHENSTEAUFEN		1				1.	. RALPH HASKELL CROSBY, '07
FLOSSIE VON STUMFEDER		- 1				(.	. LE SEUR THORNTON COLLINS, '08
ETHEL ACETATE		- 1				1 .	. DWIGHT DICKINSON, JR., '08
FLOYE HULTEN						1 .	WARREN HASTINGS, '07
GRETCHEN HARTMANN .)		ninar	y	1 .	. WARREN IRVING KEELER, '07
ALYCE ROTTENKOPF		- (-	irls		1 .	GEORGE COOPER LEES, 'oS
AMYL MYSSE		- 1				1 .	WALTER STONE MOORE, '07
MARIE SWAYNE		1				1 .	. FRANK BROWN SHIELDS, '07
EDYTHE LOCKHARD	*	1					CHANNING TURNER, '08
FAYTHE EBENEAR		- 63		2551		1.	SAMUEL ROGERS TAYLOR VERY, '07
BERTHA SCHWARTZ		1		Solo		1 .	. Walter Mathews Butts, '05
JOSEPHINE RENAULT .	*	3	Da	ncers		1 .	JOHN EDWARD LYNCH, '05

CHORUS AND BALLET

- SAILORS.—William Roy Heilman, '08; Horace Sinclair Holt, '07; Langdon Coffin, '08; Maurice Everett Allen, '08; Robert Rand, '07; Basil Lovibond Gimson, '08.
 SAILOR GIRLS.—Monroe Ames, '08; George Lyman Davenport, '06; Herbert William Flaherty, '08; Edmund S. Campbell, '06; John Harold Locke, '08; Frederic Becker Schmidt, '07.
- TOURISTS (Men) .- Walter Evans Caldwell, '08; Herbert Asa Cole, '08; Frank Edward Goodnow, '07; Clifton Nathan Draper, '07.
- TOURISTS (Girls).—Charles William Whitmore, 'oS; Leander Moore Brown, Jr., 'cS; Edward Earle Allen, 'o7; Herbert Gay Spear, 'o7.
- BAILIFF'S POSSE,—Charles Waldro Morrison, '08; Lincoln Rockwell Soule, '08; Arthur Ashleigh Longley, '08; Franklin Moore, '08; Reno Edward Schirmer, '08; Harold Sayward Wonson, '07.
- BAR MAIDS,-William Grant Wallace, '07; Freeman Eugene Towle, '07; Rudolf William Rief-
- DUTCH GIRLS.—Ralph Scudder Clarke, '66; Leon Lincoln Allen, '67; Charles Wolston Coffin, '67; Charles Winthrop Keniston, '68; Howard Bourne Luther, '68; Alfred Lamson Whitmarsh, '65.
- DUTCH MEN.—Charles Randell Burleigh, 'o6; Samuel Seaver, Sp.; Howard Root Chase, 'o7; James Ernest Garrett, 'o7; Leo Demain Nix, 'o8; Franklin Thompson Towle, 'c8.
- DAISIES,-Anthony Brown Arnold, '07; Paul Bosworth Barrett, '08; Alton Mace Cook, '08.
- BEES,-Frederick Constant Jaccard, '07; Harry Rice Putnam, '08; Charles Henry Shapleigh, '06,



Industrial Chemistry Summer School



PARTY AT KODAK PARK

EFORE our start Professor Thorp said, "Fellows, it's going to be hard work, and it's going to be mighty hot." Well, it might have been hard work, but it was so interesting that we forgot all that, and if it was hot we just took off our coats. We had splendid weather all through, and altogether the trip was well worth time, trouble, and cash. Credit for all this was due chiefly to Professor Thorp, who carried us through a most profitable and enjoyable trip.

The 1904 Summer School of Industrial Chemistry left Boston on the evening of June 6th, forming a continuation of the Nantasket excursion. Our first stop was at North Adams, where a few sleepy 1904 Alumni joined us in the morning. Our complete party now numbered thirteen. This supposedly unfortunate number, however, brought bad luck only to those who didn't go, and missed the fun.

The following morning we began our visits with the Arnold Print Works Co., making all kinds of print cloths. In the afternoon we drove to Stamford, Vt., where the Stamford Chemical Company produced crude wood alcohol. To be sure, the plant

wasn't running when we got there, but we had a good chance to see the inside of things, and the drive was fine. Early the next morning (we found that trains generally left early) we left for Mechan-

icsville, N. Y., to see the plant of the Duncan Paper Company, making sulphite and soda pulp and paper—seventy-five tons a day. We stayed so long here that most of us had to jump the train without any dinner; and to add insult to injury, to hustle the bags for those who were comfortably eating a little way farther down the line. The afternoon trip was to the American



POWER HOUSE AT SPIER FALLS

Hide and Leather Company at Ballston. Here we struck a most glorious smell. Green salted cattle hides only are used, but just the same fourteen different varieties of leather, "kangaroo," "goat," "calf," etc., are produced by judicious management.

In the evening we moved on to Glens Falls. Next morning, after the usual wait for Gifford to wake up and eat, we went through the International Paper Company's newspaper plant and testing department. Saturday afternoon being off-time, several took a drive up the river, incidentally visiting a new electric power plant with a ninety foot dam. The day was splendid and the driving fine, and all enjoyed the trip greatly.

Sunday, the 12th, we visited Glens Falls and Cooper's Cave, of which little is left. In the afternoon Professor Thorp treated us to a launch ride on Lake George. We went twenty miles up the lake and back. A fine day, combined with the natural beauty of the surroundings, made the trip one to be long remembered.

Monday we left Glens Falls with regret, and moved on to Syracuse; that curious town where the New York Central runs through the main street like a trolley. Here Professor Walker joined us, and we proceeded to the Syracuse Solar Coarse Salt Company, evaporating natural brines in the sun. Perhaps owing to the salt we ate and the hot day, Dr. Walker "set 'em up" on the first opportunity. In fact, he did this on most any old occasion. The Crucible Steel Company, the Onondaga Pottery Company, and the Empire Portland Cement Company were next visited. At the latter place we were provided with long dusters to keep off the dirt, and so formed an admirable night shirt parade.

The following jump was a long one,—eight hours to Olean. This is the home of Governor Higgins of New York. After his nomination everyone wondered that anything decent could come from Olean. So do we.

Here we went through the Vacuum Oil Company's refinery. Even this did not come from Olean, but is piped from Pennsylvania. We also paid a visit to Rock City,—a trolley park located at the top of a low range of hills in a nearly run out oil district.

At 5.10 A. M. the next morning we breakfasted in a "dog wagon," and left for Rochester. At Portage we changed cars. Here the Erie Railroad crosses the Genesee River two hundred and thirty-five feet above the water, and there are two fine waterfalls within a mile. Washburn and Jackson tried to wade the river, but thought better of it when half way over, and sat down in two feet of water! They put in the rest of the day looking for hot places to sit on. Half way to Rochester we stopped at Silver Springs to see the plant of the Worcester Salt Company. Rock salt lies two thousand three hundred feet down; water is pumped down, and brine up. This is evaporated in a vacuum, and produces the finest quality of salt,—three hundred tons a day. The Company treated us to a homecooked dinner, and it was great. In the evening we went on to Rochester.

Here we spent four days. The further purification of oil was followed up at the Vacuum Oil Company. Curtice Brothers canning factory supplied us with a full outfit of samples of jam, catsup, etc. At the Bartholomay Brewery Professor Walker was at once in and outside of his element. The Pfandler Company showed us the manufacture of enamel-lined steel tanks. The great event of

the trip, the reception by the Rochester Tech. men and the Eastman Kodak Company, took place here. On Sunday afternoon we were taken for a drive in a big barge, twenty-five being in the party. We went all around town, and then out to the Newport House, on the Genesee, where we had a splendid supper. After supper we pleased our hosts with some of the latest Tech. songs. An evening drive



OLD DERRICKS AT ROCK CITY

back finished a great day. Monday morning the Eastman Works were visited, seeing the manufacture of celluloid, sensitized film, etc. Here we just missed an explosion. We were further treated to an outdoor dinner in Kodak Park, the beautiful grounds surrounding the works. Our whole treatment here has formed most pleasant memories for all.

As an offset to this the waitresses at our hotel struck; fortunately on the last day. Perhaps they were tired of carrying the huge amounts of food we ate. Here, too, the morning sleepiness reached a climax, about half the party getting left on one excursion, owing to a start on time.

At noon on Tuesday we departed for Buffalo, our last stopping place, where the rest of the week was spent. The Lacka-

wanna Steel Company was perhaps the most interesting place visited. Everything here was of the biggest. Blast furnaces producing eight hundred tons of pig a day, two thousand H.P. gas engines, and everything else in proportion, combined to make a huge spectacle.

We also saw the manufacture of storage batteries at the National Battery Company, copper refining, both by furnace and electrolytically at the Buffalo Smelting Company, the Standard Oil Refineries and the Buffalo Pottery Company. The Larkin Soap Company produce soap, glycerine, and premiums. At Pratt & Lambert's varnish factory we were not only shown everything in the best manner, but given a good dinner. Shredded Wheat, Niagara Power, and last, but not least, the Falls and Gorge, themselves completed a most profitable and enjoyable trip. On Saturday, the 25th, we broke up and headed for home, glad of the rest, but sorry it was all over.



PORTAGE FALLS

Mining Engineering Summer School



E none of us realized that the Summer School of Mines was to be a Summer School of Free Hand Mechanical Drawing! We went under the impression that we were to get a start in that practical work which, as a rule, one can get only after school is finished. We had expected to set our timbers; to drill both by hand and machine; to survey and plot a drift; to sample mines and dumps; and to get some experience in running and testing mill machinery. These things, we were given to understand, we ourselves were to do.

Our first stopping place, the "city" of Silver Plume—a place of about seven hundred inhabitants—is located fifty-six miles west of Denver. It is one of the old and settled mining camps, built up of small frame houses, little more than finished cabins, and filled with people of rough appearance, but as a rule of that friendly good nature so common in the West. From these houses in various parts of the "city" we presented ourselves at seven in the morning at the mine to which we had been assigned, prepared to do our prac-

tical work. The first day all went well; we did practical work, either timbering, drilling, track and pipe laying, or sampling, whichever we got first, and came out at half-past four, satisfied that our day's prac-



SURVEY SQUAD ON THE ASHBY TUNNEL

tical experience had taught us more than we could have learned in a month of lectures. Our satisfaction, however, was short lived, for next morning our note-books, in which we had jotted down the important points with a few rough sketches illus-

trating them, were returned. Out of a possible "10" we found we had drawn "1" or "1.5." What was the matter? No one knew. Wait! There was a Columbia man whom we pounced upon with a request to know his mark. What! "9.5?" We seized his book and all was explained. Nine pages of notes, all in free-hand printing, with beautiful sketches drawn to scale of every possible part of the timbers, showing location and number of knots, giving diameters at every two feet of length to within a quarter of an inch, the angle in degrees at which each timber was inclined to the vertical, the thickness of the bark, together with sketches of every step of the work, from the time the timber was lying on the ground until it was in place. His only tool had been a lead-pencil.

With heavy hearts we started in for our second day's work. Since we were to be marked on our notes alone, we of course, if we wished to pass, had to take them, and take them as the ruling power prescribed. This was our practical work,—mechanical drawings of everything, and copious notes, including, perhaps, even the miners' personal appearance.

All that day we sat in state in the mud and watched the miners work, while we drew pictures to scale with ruled lines. When we were not drawing we wrote ten-page descriptions of the way in which some miner held his feet as he lifted a stull five feet five and a-half inches long by twelve inches in diameter at the large end, and ten and seventy-five hundredths inches at the small end, with the bark on. Next morning we grabbed our books, —— and read "6.5." What was the matter now? After a suggestion from a kind-hearted Columbia man we once more hoped to realize our visions of "10." We had handed in our notes in script instead of free-hand printing. It was a vain hope, however, for the temptation to use our hands once in a while was strong, and with soiled books we had to rest content at "8.5."

The most ridiculous three days' work we had was on what they called "Mine Plant." There we spent one entire day sitting in a ring around an overturned ore car, making a machine drawing of its parts, and then an assembled drawing. Next day we tried our best to do the same with an air compressor—while it was going!

One fellow who wished a more complete book on "mine plant" drew the perambulator of the Superintendent's baby. We had some practical work, however, and what we did have was of enough value to us to make us begrudge the hours we spent



SILVER PLUME

wasting pencils and paper. We profited by our work in drilling, and all of our week of surveying was practical.

Lindsley and Graham, Stevens and Glidden, upheld the honor

of the school on the Fourth of July in the "double jack" handdrilling contest for students. Lindsley and Graham won first, and Stevens and Glidden won third.

Besides the mine work at Silver Plume we were to have had ten days of mill work at Idaho Springs, seventeen miles nearer Denver. As we were to have our own instructors there in place of the Columbia authorities, under whom we had been, we hailed with joy the chance to discard such complete notes and get a little useful experience. We found our mistake, though, for no mill had been found in which we might be allowed to work. Hence we settled



MILL WORK AT IDAHO SPRINGS

down once more to our notes and drew. We drew plans and elevations of the mills; plans and elevations of all the important mill machinery, such as stamps, bumping tables, slime belts, crushers and rolls, taking notes of the important features of each.

At the end of our six weeks at these two places we took, in place of the assaying, mine bookkeeping, and instead of geological trips, which we were led to expect, a trip of two weeks to mining and milling districts. At Pueblo we disbanded, and with "three groans" for the Summer School of "sketching and note-taking," we went our various ways.

THE OWNER OF THE PARTY OF THE P

G. GRINDS . K





An inventor, to whom Professor Miller had said that his ninety per cent efficiency engine was worthless, said as he was leaving the office, "Watt, Orcutt, Stevenson, all have fallen among evil men. I feel that I have fallen among evil men."

(Seen on Trophy Room Door.)

NOTICE

Institute Moved Out

New Quarters on the Lawn

Burleigh, '06—" Do they use liquid air as the motive power in air compressors?"

PROFESSOR MILLER—"Only efficiently in Cassier's Magazine."

CINCH

BLACHSTEIN—"Apply Grimes Law, and anyone can translate 'gefahate': 'ge' is a prefix,—we throw that away; 'aha' is air,—we don't need that; we all know f = ma,—then we have mate.' Grimes Law makes translation easy."

PROFESSOR BARDWELL (endeavoring to cut a piece of ice)—"You see by my efforts that it is not always easy to cut ice."

 $M_{R},$ —— (translating scientific German)— . . . " und die trockne atmospharische Luff."

. . . " and the dry atmospheric air."

Dr. Jewett-" What kind of light is reflected from black glass?" Cody ('06)-" Black light."

HARRY GOODWIN (in Phys. Meas.)—" Agate knife edges are less likely to rust than steel."

FIRST STUDENT—" Do you take German?" SECOND STUDENT—"No, I have Dippe."

ONE ON MR. BACHELOR

"Hereafter, gentlemen, I want you to 'cut out' all slang."

PROFESSOR TALBOT (explaining the impurities of water)—"In travelling in different parts of the world we cannot tell what it is best to drink."

VOICE FROM THE THRONG—"I have no trouble that way."

HEARD IN DYNAMO ELECTRIC MACHINERY

FIRST STUDENT—"Why is Harrison Smith like a series motor?" SECOND STUDENT—"Because he gives so much torque (talk)."

BLACKIE (calling roll)—"Mr. Black, Mr. Jones, Mr. Orcutt. Ha! Mr. Orcutt is not with us again to-day. Has he come or cut?"

Benhan, '06—"That looks like one of our party coming."

Hobson, '06—"No! That's a man —. What are you fellows laughing at?"

"Your sensitiveness decreases as your load increases."—(H. G., explaining point after lecture.)

LAMB, '06 (in Geology Exam.)—"The Cincinnati Geantidine was a small insect which deposited iron ore during the Cambrian period."

"What is the ultimate destination of an object dropped in an alternating current?"

"Why is Cambridge like a famous battlefield?"

"Because it's Getty's Burg."



NO TIME FOR HAZING

WORK THEM HARD AT THE MASSA-CHUSETTS "TECK."

Radford, Va., December 16.-In view of the interest felt just now in the Virginia Polytechnic Institute, the following extracts from a letter received last night by your correspondent may be of interest as giving a glimpse of student life at the Massachusetts School of Technology, at Needham, Mass.:

"I feel ashamed of myself for not writing sooner, but I haven't had a minute's spare time since "Teck." opened. You cannot imagine how they make us work there. People say it is the hardest college in this country to get through. I leave Needham every morning, except Sunday, at 8.17 o'clock, and don't get back from Boston until 5.30 p. m. Then I study until after 11. You see I don't have much spare time, Although I have to work hard, I like it very much and would not give it up for anything.

"The following is a list of my studies this (first) term. Some will be different after January 17th: College algebra, two hours a week; trigonometry, two hours; descriptive geometry and mechanical drawing, six hours; chemistry, five hours; freehand drawing, one hour; English, two hours; French, three hours; military science, one hour; drill, two; total, twenty-four hours per week. We have

total, twenty-four hours per week. We have examinations every five weeks. * * *

"Last Wednesday was the 100th anniversary of the birth of William Barton Rogers, the founder and first President of the School of Technology, and it was duly celebrated.

"As perhaps you may know, Mr. Rogers was a graduate of William and Mary College, and a professor of the University of Virginia. So President Tyler, of William and Mary College, and Professor Smith of the University of Virginia, who had been a pupil of Professor Rogers, spoke on this occasion.

"I never felt so proud of Virginia as I did when Professor Smith was speaking. I never heard such beautiful oratory. His choice of words was fine, and the sentences flowed from his lips oh! so smoothly. He was grand, "When he finished, the students almost went wild. Everybody was carried away with him. * * I must close in order to do some more studying to-night."

This freshman has nothing to say about taxing. The students in Massachusetts evil.

This freshman has nothing to say about hazing. The students in Massachusetts evi-dently have little time for such matters.

M. L. BULLARD, '08.

WE WONDER

- 1. Why Professor Richards never buttons his coat.
- 2. Why S. H. E. Darling always wears gloves.
- 3. Why Dike always leaves the last button on his vest unbuttoned.
- 4. If the man who referred to an Asiatic galvanometer in a Phys. exam. was the same one who talked about analogous dispersion and osmotic calories (meaning "anamolous" and Oswald).

BEERS, '06 -" It says here that the rod is two inches in diameter. Is it square or round?"

PROFESSOR JOHNSTON (after fifteen minutes explanation in Applied ————) — " This is what the electrical engineers call torque."

Freshman to Mr. Wil-LIAMS (Assistant in Phys. Lab.) -"Where is the elevator to the Chem. Lab.?"

POLHEMUS, '06 (endeavoring to do problem in Dynamo Electric) - "How in the deuce can a fellow wind a coil of wire around an air gap?"

HEARD IN PHYS. REC.

PROFESSOR WENDALL—" State the law of lenses for a convex lense." DOUBTFUL STUDENT—" Is that Lenz's Law?"

Professor Miller in Thermo., while telling one of his many thrilling experiences, said that when he was once running a pipe from Eng. A to Pierce Building, he ran across some cockroaches that were so large that you could hear them put their feet down on the concrete!!

BURSER RAND (at Field Day Dinner)—" I sha'n't say much this evening, gentlemen, for I think a speech is like a wheel,—the longer the spoke the more the tire."

Dr. Wendall in Phys. Lecture
—" Opera glasses are not used to look
at heavenly bodies."

VOICE FROM REAR OF ROOM — "Well, I am not so sure."



Professor Robbins (to Mr. Howard, who is showing a roll of bills after selling paper to Course I. fellows at 3 cents per sheet)—"Haven't you any 'cents' left?"

HEARD AT JUNIORS' KOMMERS

TAMBOE .- "Why is Charlie Cross's head like Paradise?"

BONES—"Because it is a bright and shining spot, and there shall be no more parting or dyeing there."

BYSTANDER TO WEE WILLIAMS (who is writing at a terrific rate)—
"What are you in such a hurry for?"

WEE-" I want to get this written before my fountain pen runs dry."

THEATRICAL NOTICE

It is stated with authority that Professor Miller is going on the vaudeville stage as a monologist. Universal opinion of those who hear his sidetalks in Thermo. is that he will succeed.

"LIKE FATHER LIKE SON"

Thirteen-year-old son of Tech. Professor comes to school eleven minutes late.

TEACHER-"Why are you so late?"

Son-"The clock stopped, and I had to find the key and wind it up to see what time it was."

MANN SAYS TECH WILL WIN

Though he does not deny the strength at track sports of Dartmouth, "We expect to win out from the green and white lads at the Worcester meet on May 21," said H. J. Mann, manager of the Tech track team, to the BOSTON AMERICAN.

"While not detracting in the least from the good work of Dartmouth, the feeling of the student body at Tech is that the team can do better than they did at Newton."

Before the Worcester meet the team will have the advantage of the dual games with Amherst, at Amherst, next Saturday. The men are expected to show up better than ever before. It will be noticeable that it was in the "sure thing" events that Tech was defeated, and in these the men have their confidence restored, and are expected to show up well.

JOHNSON'S PET

MESMER, '06 (late to Geology excursion)—"Can you direct me to the esker?"

NEWTONVILLE POSTMASTER
—"Well, young man, I have lived 'round here a good many years, but never saw one of them things before. The brush is pretty thick back there and you may find one of 'em running around."

HEARD IN THEORETICAL ELECTRICITY — "Hysterics cannot be cured by lamentation."

As BILL SAYS-"Throw Physics to the dogs."

CHARACTERISTIC

Just as Blackie finally finishes correcting a very erratic sentence on the board in twenty-two Lowell, the rain begins to patter on the skylight. He turns to the class, "Gentlemen, even ze heavens are shedding tears."

SEPTEMBER 27

Brookline paper gives account of the new "playground" given to the Institute.

(The swings and sandboxes will be in place by spring, so that the Freshmen may have full benefit.)

A SONNET TO THE FIRST HARBINGERS OF SPRING

Oh, Salt and Pepper,* you're the little one
That gives first news of all the flowers of spring.
You are the first of many a beauteous thing
That comes to tell us that the winter's done,
And that we'll no more crowd up to the fire,
But will go out, and warbling Nature'll sing
From every tree, and bush, and trickling spring,
Of a renewed life, waked up from its lair.
The robin in the tall elm tree above,
The crows a-flying in the sky so high,
The minnows playing in the stream near by,
All tell of Nature's good and wondrous love.
The Whipoorwill a-sitting on the fence
Says, "Not a line of this has any sense."

*The name of an early spring flower.

MR. CARTER ON MOTION

(Second year integral calculus)

Benie Carter (endeavoring to explain force and motion) —"The only case in which we have-er motion is when we push the-er body along with-er our hands-er, or something like that."

VERY GOOD, BENIE!

THE TWO CHARLIES



DOES HE THINK THE DEVIL A SPORT OR A JEWELER?

HIRT, '06 (Phys. Rec.)—"Mr. Jewett, will you explain to me about Satan's rings?"

NO WONDER "NOTES" ARE HIGH

From Treasurer's Report for year ending Sept. 30, 1904:-

(Under receipts)

(Under expenses)

Sale printed lecture notes, \$4,461.15 | Printing lecture notes,

\$3,139.24

LADIES! HERE'S YOUR CHANCE!

PROFESSOR ARLO BATES, age forty five years, lives at No. 40 Otis place. Professor Bates has been for years a member of the Tavern and St. Botolph clubs, and his acquaintance among men of letters is very extensive. He is much interested in literature and dramatic analysis, and is regarded as an authority on the legitimate drams. He enjoys the income from a fortune of more than \$100.000. more than \$100,000.

HURSH, '06, suggested that a very good roulette wheel could be made on the same idea as the induction motor. He is evidently looking for a way to " fleece" the people in a scientific manner.

Profssor Swain-"Mr. M-u-i-r, how do you pronounce that?"

Mr. Muir, '05, pronounces.

Professor Swain-"Beg pardon, I did not understand."

Muir-"O well, say it any old way."

Mr. Smith-"Two thirds of this core is wound with one coil, twothirds with another coil entirely separate, and the remaining two-thirds with still another coil." How many 'two thirds' does a core generally have?

LE B. TURNER, '05-"Why, I had rather blow out air on a cold day than smoke. It's cheaper, does not taste bad nor make me sick, and is lots more healthy."

"I wish very much that our salaries were more in proportion to what a man of our ability might earn in the practice of his profession."

(Taken from report of Professor G. F. Swain in "President's Report")

C. FRANK ALLEN (at Nantasket last June)-" I spent one-third of my life on the Santa Fé Railroad."

BYSTANDER-"And he is spending the remaining two-thirds telling about it."

AGREED

Mr. Harrison W. Smith (after lengthy and verbose discussion of dynamo efficiency, opens transom, and turns to class)—"Gentlemen, there is altogether too much hot air being turned loose in here."

PUZZLE PICTURE



WHERE IS BLACKIE'S HAT?

Question in Historical Geology exam.: "What is the Cincinnati Geanticline?" (A great earth-crust fold near Cincinnati.) Lamb writes: "A bug that deposited iron ore during the Cambro-Silurian Age."

BEST SHOW IN TOWN!

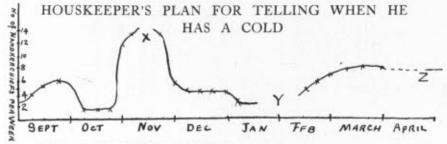
The 1c Vaudeville Co. has opened a branch in 31 Lowell. They talk while you sleep. J. E. Bigelow, Branch Manager.

H. P. FARRINGTON, '07 (to Simpson, Manager of Track Team)—
"Say, I can't be at the Spring Meet on April 29th, so won't you postpone it?"

A CHARACTERISTIC QUESTION OF SOR-T-ELL

MR. SAWTELLE—"A man who is walking down Boylston Street with a copper rod under his arm falls down. Describe the phenomena."

MR. BLACHSTEIN—"Ve vill haf a leetle test at ze next exercize. Mr. Simpson and R—ranney vill pleeze take notice."



X-Ran out of handkerchiefs, so used a towel.

Y-During examinations was so busy that I had to use my sleeve.

Z-Laundry did not come back, so used the same ones over,

"Ordinary people are sometimes sued for damages; Course XI. men are oftentimes d-d for sewages."

AN EXTRACT FROM "LETTERS OF FAMOUS MEN"

. . . I take a bath every morning and they aren't bad at all. The attendant dumps you into a bath tub full of dirty, stinking water, which is hot enough to scald you. Then he pounds you about a quarter of an hour, and then you sweat like h—. Then he takes you out and you sweat again. Great stuff I tell you . . .

(Signed) J. EDWIN GRIFFIN, '06.

FIRST STUDENT (reading paper during Political Economy Lecture)—
"Miss Grace Pickles! Gee, if I had that name I would change it."

SECOND STUDENT—"She probably will on her first opportunity."

DIKE HAS HAD EXPERIENCE

MR. DIKE (explaining the meaning of words beginning with sui)—
"Does suitor mean the one followed or the one following?"

STUDENT-"The one followed."

MR. DIKE-"What!"

ANOTHER STUDENT-"The one following."

MR. DIKE—"Yes; and it is another thing to do before you can get a thing to suit her."

JONES, '05—"Yes, I always wear my glasses when I go fussing; my oculist told me to wear them for all close work."



HERE IS BLACKIE'S HAT!

BARKER, '07, wonders why the chairs at the Chambers get rickety so fast. We don't.

PROF. MILLER—"When a pipe with superheated steam at 150 pounds lets go, it's good-by for everyone around."

NORTON (in third year heat, pointing to a little square asbestos cushion)
—"I do not know what this cushion is used for, but the salesman of a firm manufacturing a totally different non-conducting substance, suggested that the asbestos people prepared the cushion to use on their last slide to Hades."

SLAMS

FIRST STUDENT—" Does Jones take forging?"

SECOND STUDENT—" No, but he forges ahead."

FIRST STUDENT—" I wish he'd forge a new one for me."

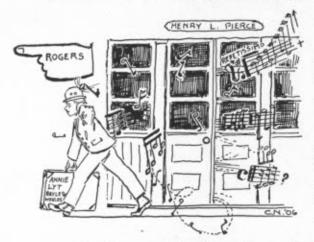
SECOND STUDENT—"But that would be wood turning."

An explosion often causes a report—also vice versa.

Mr. Batchelor (in English)—"Who can tell me the name of the dog star?"

VOICE IN REAR-"Fido!"

BLACKIE (after having spoken twice without receiving a response from Folley, '05, who was deep in conversation with his neighbor during a German recitation)—"Mr. Folley, where ignorance is bliss, 'tis folly to be wise."



"THE LAST STRAW"

MR. GEORGE (after the "Margrett Cheneys" received a new piano)—"No more Cheofan for me."

CHARLIE CROSS (holding up two tuning forks)—
"Here are two tuning forks;
the time of vibrations of each one is twice as much as the other."

Mr. Harrison W. Smith (in D. E. M. lecture)—"Has anybody got a screw driver?"

Murphy, '06 (after deep thinking in Mineralogy exam.) to neighbor—"Don't barium carbonate grow wild?"

PROFESSOR FAY (in Third Year Class)—"Mr. L - - - p, how would you make hydrogen peroxide?"

L - - - p (waking up)—"By burning nascent hydrogen under ice water."

Professor Allen—" I had the opportunity recently to speak to the students of another engineering college where my book is used." (After long applause continues.) "Gentlemen, I am glad to see you so ready to express your sympathy."



WELL! WELL! KANE!

PROFESSOR SEDGWICK—" 'We' have all heard that classic phrase, 'All coons look alike to me.'"

It has been suggested that The Tech change its name to The Wash, because everything comes out in it.

STUDENT (to Mrs. Kingess-of-the-Grubsky)—
"Why don't you post a bill of fare?"

MRS. K.—" Well, it is hardly worth while. You see it would only take a few days at the first of the year for the fellows to learn it by heart."

THE HAPPIEST MOMENT OF THE WEEK FOR THE FRESHMAN

C. W. SAWYER-"Time is up!"

Mr. Hare—"Professor Vogel wishes me to announce to this section that he will have a class in German conversation on Fridays at five o'clock."

ROBINSON, '07—" Any refreshments?"

IN THE GYM.

Janitor (to Freshman smoking in gym.)—"Hey there! no smoking allowed."

FRESHMAN-" I'm not smoking aloud."

Professor Allen's full name is Calvin Frank Allen. The rumor that he intended to change it to L. D. F. FF. Allen is false.

HE'S RIGHT, ALL RIGHT

Harry Goodwin's Precision of Measurements:
"A beginner could not solve these problems unless he had had a good deal of experience."



PROFESSOR ALLEN

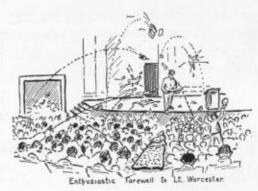
MANAGER BASKET BALL TEAM:-

Dear Sir: Would inquire if I might be considered as candidate for the Basket Ball Team. My actual playing experience is small, but I have refereed for the English High School, Boston, two years ago, and am, therefore, well acquainted with the game.

Trusting I may receive an interview, I am,

Most sincerely,

(Signed) Major E. Dexter Boles, Class 1907.



LOOK OUT, FRESHMEN!

Some of the Freshmen have been coming to drill with their ordinary trousers on instead of their uniform. Last time the following order was read:—

OFFICE OF THE TECHNOLOGY CORPS OF CADETS

December 14, 1904.

ORDER NUMBER 11:-

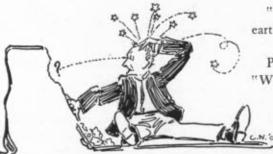
Any cadet who comes to drill without his pants or any other part of his uniform, shall have three crusts of bread deducted from his rations.

(Signed)

FRED WHEELER, Commander of Technology Cadets.

JUNIOR (talking to classmate, as an auto passes)—"There, that is what I mean; see that box on the rear axle, well that contains the Differential Gears."

SOPHOMORE (friend of Junior's, overhearing remark)—"What connection is there between a differential gear and the Differential Calculus?"



"When I first ran up against earthwork."—Prof. Allen.

PROF. PARKS (smiling)—
"Well, I may tell you a good
many fairy tales, but I
hope you wouldn't
think that I would tell
you to push on a rope."

HARD ON PROF. JAGGAR

Leavell, '07, to Dr. Johnson (taking Dr. Johnson for a student as he was sitting beside Leavell in Dr. Jaggar's lecture in Geology)—"How in h—l do you manage to keep awake during these d—n lectures?"

PROF. NORTON, while explaining the hot water heating system, poured red ink into the water, saying, "I do this so it may be more 'readily' seen."

A chap in an automobile
Saw a lady go under his wheel.
Said he, "Don't get gay,
Here, keep out of my way."
Said the lady, "How crushed I do feel."

AT CIVIL ENGINEERING SMOKER

PRES. NABSTED—"I am sure you will all join in thanking me for Professor Sedgwick's interesting and beneficial talk."

E. M. SMITH—"Does the stroke increase with the speed?" PROF. MILLER—"Yes, when something breaks."

MR. DIKE (correcting sentences) — "What is the matter with this sentence, Ces bateaux ne sont pas a ces choses"?

Anxious Sophomore—"Where is the 'made'?"
Mr. Dike—"I do not know where she is."

We suggest as a motto for the Missouri Club: "Misery Loves Company."

Why does Henrici, '06, like to study at the Public Library?

PRESIDENT PRITCHETT (speaking of Christmas eve at Union)—"Santa Claus will be there, and may bring you each a policeman's club."



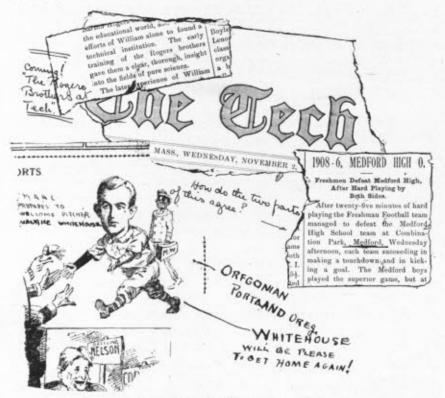
A MONOPOLY IN TALK!

DR. MOORE—"Hence this substance is a homologue of benzine."

LUENBERG (about thirty seconds later)—"Did you say that stuff was

a monologue?"

DR. MOORE-"Mr. Luenberg, the only monologues in this course are mine."



ANOTHER YEAR FOR 1905

'06 Man (during present school year)—"If they use up all the good men for class officers this year there won't be any left for next."

IN POLITICAL ECONOMY

"There are two kinds of pools: money pools and traffic pools ——"
FIRST STUDENT—"And whirlpools."
SECOND STUDENT—"And cesspools."

D. A. STEWART, '06 (reading a number in Political Economy, \$346,-681,016)—"Three hundred and forty-six, six hundred and eighty-one thousand, and sixteen million dollars."



MR. Albers (in Business Law, quoting from an old exam. paper)—
"Law is that which everyone is supposed to know, no one does know, and
the Supreme Court is paid for giving a last guess at."

SO SAYETH THE SOPHOMORE

F = MA. FF = MAMA.

DR. WENDELL (in Physics Lecture) \[
--"This electroscope is very sensitive and easily affected by moisture. In this dry air it acts very well, but even in taking it across to the Brunswick I have noticed it to be quite visibly affected."

Dr. Johnson — "The decrease increases at a decreasing ratio."



AN ELECTRICAL ENGINEERING TERM

[297]

A BOOSTED FEEDER

THE ONLY ONE THAT KNOWS

PROF. ALLEN—"Gentlemen, you don't want to accept as right everything you see in print—excepting, of course, my book."

Rumors have been spread about the Institute that Professor Cross has entirely given up the use of his historically famous adjective "fussy," using in its place the equally expressive word "tricksy." We are able, however, to state on reliable information that this rumor is utterly false, and that, for the present at least, Charlie's lectures, epithets, and jokes, will remain as they have for the past fifteen years.

WHICH END

LAMBERTH (in forging, after cautioning the fellows about a certain piece)—"Yesterday one of the men had his piece fly up and hit him on the nose, right on the hot end, too."

PROF. MILLER (on gas engines)—
"Sometimes the explosion has no vim.
The thing to do under these circumstances——"

Voice—"Give it Force."

MISTAKEN IDENTITY

C. Frank Allen (to W. E. Simpson, '05)—"Mr. Simpson, you should not be satisfied with a P in railroads, you should try for C."

SIMPSON, '05 (who is a senior and has had railroads)—"I don't care whether I get a C or an F in railroads."

The next week G. C. Simpson, '06, gets an F.

庄

KURRELMEYER (to Hunter, '08) —"No matter what question I ask, you always make the same answer."

HE HAD EVIDENTLY BEEN THERE

At the police court: Sergeant, with pad of paper in his hand, taking names of the waiting witnesses—"Are there any of you fellows that I haven't got on the block?" Great uproar. Sergeant turns white with fear, and looks longingly towards the door.

QUITE TRUE

PROF. LOCKE (third year Mining Engineering)—"The farther you go down in a mine, the deeper it gets."



KIBBY (in a loud voice to Mr. Locke, who was explaining gear contact)—"Put your finger there."

MR. LOCKE—"Gears and fingers make a bad combination."

It seems a hard decree of fate that that man Peirce ('06) should be so often." broke."

IN APPLIED

BRUCE, '06—"You take the two F's and multiply them together and —er—"

PROF. JOHNSTON-"I guess there will be only one 'F' in this case."

MARX, '07—"But I don't know which way a corkscrew turns."

Mr. Sawtelle—"Then you'd better look next time."

"An honest, upright, self-respecting, God-fearing microbe."—Prof. Sedgwick.

SOPHOMORE (in English)—"Columbus sailed westward so he wouldn't have to go through the Suez Canal."

PROF. PEARSON (reading)—"I was full four and twenty days"— (pauses for expected applause).

The laws of supply and demand govern the prices of all articles except supplies at Mac's.

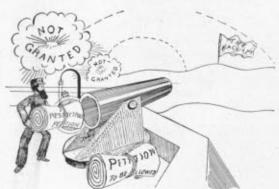


PRETTY NEAR TRUE

A certain Tech Alumnus (not a graduate) was once asked if he had gone to Tech. He replied that he had, and added that his experience there had been a good deal like that of a man who, when asked if he had ever lived in New Jersey, replied: "Yes; I spent a week there one summer night."

Why does not Professor Allen install an automatic time recorder in 50 Engineering B?

CAPTAIN PACKARD, '07
—"If there is anything about the drill that you do not understand please ask me."



PORT ARTHUR AT HOME H. W. T. PLIES THE FACULTY

BE CAREFUL, BLUM!

BREITZKE, '06—" What are the colored glasses for on the sextant?"
MR. BLUM—" So that you can look at the sun."
BREITZKE—" I can look at the sun without them."
BLUM—" Oh, can you? May be that is why you are so Breitzke."

PROF. NORTON MEETING THE THERMOMETER



NORTON-"This is the first thermometer that I ever met that -- "

PROFESSOR PEARSON—"When he died they knew his wound was fatal."

IN THE WRONG STALL

A young lady, carrying a dress suit case, follows Bennet, '05, also carrying a dress-suit case, down the stairs into the gym. "OH!" says she, after seeing where she was, "This isn't the Back Bay Station, is it?"

INNOCENT FRESHMAN

TO THE FACULTY:-

Dear Sir: I respectfully petition to be allowed to work in the Chem. Lab. on Wednesday from two to four. Reasons for Petition: I have no drill.

Respectfully, P. D. S.

C. F. ALLEN, in a thirty minute talk on railroads, used the words I and MY 76 times.

(Not corrected for temperature and altitude.)

Frenzied Finance (Kuthors.)
Shunchean
Shunday Feb. 16'05.

Hot Bullin

FRESHMAN (to Johnnie Morris)—"What is the sharp edge on those wire pincers for?"

JOHNNIE—" You gol darned goat, that's to cut Pol. Econ. lectures with, of course. You make me feel the way Davis did when he broke a window with his hand."

FRESHIE-"How's that?"

JOHNNIE-" Well, Davis felt a pane."

"NOTHING IN IT"

BURLEIGH, '06 (trying to explain what a vacuum is)—"I can't just explain it, but I have it in my head."



· CVRTAIN ·

PAGE FROM REGISTER OF GRADUATES, 1910

1906-Continued.

NAME AND OCCUPATION.						ADD	RES	85.
HELEN ELSIE DARLING (III.)	2 0	. 1	3oy	lsto	n S	tre	et,	Boston
With Céleste, Importers of Parisian								
CHARLES FREDERICK BREITZKE (XI.) Trainer of weight "men" at Smith.				Nor	tha	mp	ton	, Mass.
ARTHUR MERCER CHIDESTER (I.), Pierce Manager of new Tech Vegetarian La		ding	ζ, Ί	rin	ity	Pla	ice,	Boston
Edward Munroe Eliot (II.) Information Bureau, Union Termina			X.E		S	t. 1	Lou	iis, Mo.
Angelo Tilton Heywood (III.), "Thea Interlocutor" Sunshine Minstrels."		Bur	eau	,'' I	rie	nd	ship	p, N. Y.
EDWARD RUDDOCK HYDE (I.) Walking Advertisement for "Moxie	 NER	VE	F	ood.	,,	٠		Boston
IRA VAUGHN WOODBURY (III.)						٠	Ne	w York
WALTER HAYWARD TRASK (II.)					P	ate	rso	n, N. I.
Lieutenant General of Industrial Di								
PHILIP BRIDGES SADTLER (X.)								hia. Pa.
Superintendent of State Deaf and D	wmh	A evi	w m			.,,,,		,
PHILIP CASTLEMAN (I.)		*			moi	nt S	St.,	Boston
Robert Howe (VI.)			icer	neni	of	Ac	Ar	ywhere
EDWARD LOWELL WILSON (II.) Poses for Artistic Athletic Pictures.								
BILL HENRY P. WRIGHT (XIII.) Strike Breaker and General Utility					٠		L	awrence
Herbert S. Philbrick								
America.								5
HUNTER U. LIGHT		٠			٠			Boston
HARRY W. BUKER			•			•	٠	Boston
ARTHUR E. WELLS			•				×	Boston
RAYMOND J. BARBER								Boston
CHING YU WEN	Da Dira			P	:11 5	St.	Ne	w York
TING-TUAN CHEN			.]	1000				
Directors of Americo-Chinese Scient.			des	C	1	in	ite	1

ADVANTAGES OF TECH AS SUMMED UP BY TWO OF OUR WORTHY CLASSMATES





با اسم ۱۱ رحام الرهیم درمداران عالمره کرم نسسه کرمداران عالمره درم نسسه درمیه دنیاکی نعم نر باشه اکرباشامه بنی ادم نر باشامه اکرباشامه بنی ادم نر باشامه

We heartily concur in the opinions as expressed in the above.

The Merger with Wellesley

De

S our union with Harvard has met with such decided disapproval by the graduates and undergraduates of both institutions, and as the times are such that mergers or combinations are being continually undertaken, Technique offers a solution of the problem, which will undoubtedly meet the approval of all the students concerned.

To show how our plans have been received by the Faculty we submit the following interviews:—

Tommy Pope: "As far as I myself am concerned I think the union capital; but from past experience with the classes from B. U. I fear the results might be very demoralizing to the Instructors and Assistants of Course V."

"Well, Professor Pope, everything considered, do you approve of chemistry for girls?"

"No. At Tech. I heartily approve of only one CHEMICAL MAID.

PROFESSOR ALLEN: "Er-just one minute and I will talk with you; it's time for the cuckoo clock."

"One o'clock, gentlemen!"

"Er—now you want MY opinion on this combination. I think that in MY mind this is a bad plan. Now—er—MY—er—idea is that—er—the men may—er be late, and then—er—you see I can't recommend them for one of those fifty-five-cent jobs. You see I get lots of letters. Now—er—I think that in MY mind if the Faculty would introduce MY tables into Wellesley then there would be something in it. If I could find—er—someone's book on dress curves and needlework I would copy—er—I mean write one myself. Er—there may be something in this scheme after all. I will think it over—Oh! don't you want MY picture?"

PROFESSOR PARK: "A union of Tech. and Wellesley? Yes—ah—I am—ah—heartily in favor of such a movement. By transferring the—ah—drawing rooms to Wellesley we would—ah—be able to increase the—ah—amount of drawing required per——"

"Excuse me a moment, Professor; my pen has run dry. All right now, sir."

——"required per term, for then the—ah—men, with such—ah—company, would—ah—be more willing to stay in the—ah—drawing rooms after four. I also would—ah—like it, because then—ah—we would be—ah—on equal grounds with the—ah—heads of Course IV. You—ah—know they—ah—always—ah—lord it over us on account of their—ah—being more favored with the girls."

"MR. CROSS?"

"Professor Cross I am called in Mr. Power's book, the CATALOGUE."

"I represent Technique, and would like to interview you on the subject which is attracting all Tech. m----"

"I am greatly in favor of the proposed combination. A sprinkling of pretty young ladies among the sort I have talked to for the last twenty-five years would take away that prevailing dismal aspect, and would lend beauty and grace to my inattentive audience. I believe there would be much less noise and disorder, for the gentlemen would have their attention otherwise occupied. Perhaps they would not pay even as good attention to me as they have in the past; but, between you and me, they will not miss very much. It is all in WATSON. Personally I like the idea, for (shyly) I am not generally opposed to them. They like me." (Smiles sweetly.)

Mr. Rand, when spoken to, replied: "No, certainly not! What do you suppose that I have collected all my pretty girls for? Certainly not to be compared with the vast multitudes which are at Wellesley. If we should combine I would have to devise a new plan for attracting the attention of the students, and I believe this would be a hard task, for I am afraid it would be impossible to withdraw their attention from the one, or rather the many, objects of admiration. The difficulty of obtaining tuition would be greatly increased, for the fellow's allowances would probably be spent in a more enjoyable and perhaps as beneficial a manner. On the whole, I am not overjoyed at the prospect. My girls will hold me for a while."



M. I. T. Butinski Club

De

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ARTHUR M. CHENEY HENRY B. HALLOWELL RINKER KIBBEY ROBERT E. CUSHMAN JOHN M. MORRIS ANGELO T. HEYWOOD CLARK E. WARREN WILLIAM W. GAYLORD LEON E. HIRT

M. I. T. Y. M. C. A.

De

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Avadis Melkon Chuchian				Chaplain
TING CHING SHEN	7	Secrete	ary and	Treasurer

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JUAN FRANCISCO URQUIDI
MATEO ROCO
TSEN-CHI LEE

LING-JUAN CHEN
JOSÉ GÓMEZ
TING-YU SO
ISHMAR DAS VARSHNEI
ARISTOTLE HODGE PRODROMAS

^{*}Cheer leader ex officio by SELF appointment.

The Charge of the "Cop" Brigade



Torches to right of them,
Torches to left of them,
Torches in front of them,
Sputtered and flickered;
Jeered on by hoot and yell,
Bravely they clubbed and well,
Broke all the students' crowns,
Gave all the Tech. boys h—,
Gentle policemen.

Flash'd all their "billies" bare,
Gleamed as they turned in air,
Swatting the students there,
Charging the ruffians, while
All Boston wondered:
Plunged in the torches' smoke,
Right thro' the line they broke;
Students and "mucker"
Reeled from the club stroke,
Batter'd and shaken.
Then they strode back, but not—
Not all the policemen.

Torches to right of them, Torches to left of them, Torches all over them, Tramp'd and leaking.

Stormed at by students' yell,
While horse and "coppers" fell,
They who had clubbed so well,
Back from the steps of Tech.,
All who survived the wreck,
Limp'd the policemen.

When can their story fade?

O the proof that they gave,
All the world wonder'd.

Rail at the charge they made,
Condemn the "big feet" brigade,—
Boston's policemen.



Short Sketches of Famous Characters

Pe

Charles Factsure Breitzke was born A. D. 1899, and early distinguished himself by his aptitude for precise mathematical statements. Indeed, so early did this quality of young Breitzke's intellect manifest itself that it was incorporated into his name at his christening. His business ability was so marked that at the early age of three he was sent forth with a single copy of the "Compendium of Universal Knowledge." The first day he sold the one book twenty-three times, and in consequence of the remarkable record was offered the position of Assistant Business Manager on the staff of *The Institute*.

HAROLD WURTZBURGER BEERS. The earliest authentic record of this walking dictionary states that his chief amusement as a small boy was to study manifold volumes on universal knowlege. At the tender age of five he could recite in order the first fifty pages of Vega's seven place log tables backward without stopping for breath. Since his advent at the 'Stute, he has proved a boon to the uneducated pluggers, to whom he dispensates concentrated information in tabloid doses. Beers is noted for never making errors; in fact, he could join the league if it were not that misinformed instructors credit him with undeserved mistakes.

WILLIAM JAWFUL CADY. We are unable to state the exact time of Mr. Cady's birth, because to-morrow morning's papers are not yet out. No one, unless deaf, can have any excuse for missing the notice, however, because Mr. Cady has already announced to the world the exact column in which it may be found. Upon his arrival Mr. Cady will be tendered a farewell reception by his fellow students. We can safely state in advance that he will accept the plaudits of the assembled multitudes with the utmost graciousness and condescension. During the afternoon Mr. Cady is to hold

a joint debate with Professor Johnston in Huntington Hall upon the question: Resolved, that instructors should accept as a foregone conclusion that students are always right.

JAMES MAK-A-LAF MORRIS came on the stage exclaiming in Chinese, "Oh, that's a cinch!" This formed the introduction to his famous lecture upon methods of problem solution. The percentage of solution, according to Professor Morris, is directly proportional to the intensity and pitch of the voice during the mental reaction. Professor Morris' queries often threaten to rival in torturing power the Spanish Inquisition.



A Pathetic Ballad

(With apologies to Tom Hood)

De

There was a Freshman here at Tech. Who by some strange mischance Head over ears in love did fall, Enraptured by the glance

A giddy damsel threw at him, A man of honor true. She was a biscuit shooter on Columbus Avenue.

So flustered was he by her smile He scarce could eat his hash. His appetite he lost at once, And tried to make a mash.

The maiden with delight did see This youth in such a plight; She sized it up for what it was, True calf love at first sight,

And the way that she encouraged him! Who rather slow and green, By bashfulness was so weighed down He scarce could guy his queen.

It was a plight of silliness

To make the angels weep,

For him so good and kind of heart

And her so cold and deep.

At last the thing came to a head,

It would in time of course;

He screwed his courage to the mark

Above a plate of Force,

And asked her to the Armory.

She said she'd come and see

On the next Wednesday afternoon

How soldierly he'd be.

She came, and sat upon the shelf
Which they a gallery call,
And stretched and craned her pretty neck,
And tried to see it all.

A thousand eyes did on her rest;

It made her sad and sore,

As she thought of the fun that she had missed

By not having come before.

But when her lover did appear
She grew with honor mute.
What was that thing which he did wear?
A cast off bell boy's suit?

She neither smiled nor waved her hand, But with a stony eye She looked upon his misery. He thought that he should die.

And in the tragic pause that came He saw his great mistake; She turned her eyes away in haste, His heart began to ache.

Oh, fickle woman, false, untrue, You've shattered his young dream; For him, the next two days or so, Life will a desert seem.

At this sad moment, in the door There strutted like a lord An officer with raiment bright And dinkey little sword.

A passing glance, he won her heart, It was a grievous sin; For his glad rags were "hand me downs," His sword it was of tin.

She mused upon his noble form, Sighed every time he'd pass. He capered up and down the hall, A real consummate ass.

She loitered out upon the street, What bliss then filled her cup; He saw her idly waiting there, And went and picked her up.

Her former lover passing by
Did not receive a smile,
And now he's grown, in very truth,
A cynic for all while.



"Blackie Ist Gekommt"

(An Incident of a Convocation)



At a Convocation in Huntington Hall, Who has not heard the pertinent call? "Wo ist Blackie? Wo ist Blackie?" In the "Chapel" it may be; Yet strange that he, of all most dear, Hath thus so strangely left us drear.

Now joy of joys, he inward comes, Without a band, or beat of drums; Grey and black his shock of hair, Face that is divinely fair, The "Boston" bag and the great "Hut"— Yea! but surely he's a beaut.

Now the very floor does shake
With the shouting we do make,
Every man his face doth break;
'Tis enough to make a stout heart quake,
For indeed 'tis no mistake;
"Blackie ist gekommt!"

Now up the aisle he treads,
Eyes and nose fixed straight ahead,
Those beauteous cheeks far, far outstuck,
His face a glorious study for Puck—
Speech! Speech! so our cry.
Nay, nay, he answers by a sigh.

His eyes now rove, the seats they search; Soon he sights a lofty perch, Close by a blooming co-ed maid ('Twould seem that he had been waylaid); Down he sinks into the seat, And we, "Blackie ist gekommt!" repeat.

"The Oily Boid Catches the Woim"

De

My student lamp, my trusty friend, Is always near at times When late at night I grind, to send Exams. to warmer climes.

Its shade is covered o'er with dust,
Its wick sings merrily;
And I will swear,—or cuss,—or bust,
If I don't get a P.

Last night it saw me up till one,
The night before till three;
It surely seems to say—in fun—
"Old boy, you'll pull a C."

" Cribs," "ponies," "pups," and many more;
What good are they in toil,
If one has not laid in a store
Of good old "midnight oil?"

A Glimpse of Tech.



TECHNIQUE is out, and here's our chance to scoff At lazy student and respected Prof, Laugh at them all and at them slyly poke Our fun. They are the butts of every joke. For once we'll join with those of gayer mind, Who hate care, work, and above all a grind, Who live what Profs would call a life of folly, But which is, after all, exceeding jolly. Come all with us, if you would care to learn, As through the 'Stute we take a hasty turn. Of all delights, the joys of Chapel first, Haven of refuge, where we quenched our thirst; In our mind's eye it glitters like a star, The white clad mixer and the polished bar, The rows of shining bottles, each for use Full to the brim of the grape's ruddy juice, Your choice, one glass of which, whate'er it be Would make Jove's nectar taste like weak pink tea. Next cross the street to that historic spot, Fair Rogers' steps, on which have oft been fought Tremendous battles with the foes in red, Where later still, on his devoted head, The luckless copper drew a storm of wrath, And fled, while sticks and torches strewed his path. Vile smelling man, your loudly reeking clothes Perfumed the air and shocked the bluntest nose. Why, hapless wight, did you not keenly watch, And dodge with skill the wildly hurtling torch? We could forgive our hurts like men of sense, Your cap and billy are a recompense, But outraged noses make our hearts recoil, You strutting, stamping ad. for Standard Oil. We'll pass inside, and turn to the domain Of those who've caused us lots of trouble vain. We'll stand in line, and kill spare time, the joy To wait for Humphreys, "Power's Office Boy," And watch him fuss the while with countless slips

Of paper, each of which means several trips To that weird region underneath the stairs Where careless clerks show off their haughty airs And try to flirt and with each other vie To fool about and dodge the Bursar's eye. There the recording angel sits and waits, To write in massive books the students' fates. The whole staff in a constant state of bustle, And making more mistakes the more they hustle. None use their brains, their aims have but one shape, All bow in homage to the god Red Tape. Let us speed out and hie us to THE TECH, The rock on which good English goes to wreck. See straight ahead, in that imposing booth, There are the leaders penned by brainy youth, Which doubtless would have an effect immense Did they not lack both wit and common sense. Turn to the right, before us is the Cage, Crammed full of stuff of an uncertain age, Old books that never would a buyer suit, The handy catchall of the Institute. The library, describe it, what the need? Here men talk, loaf, do everything but read. Enough of this, we'll to the lunch room next, The place could serve for many a weighty text. Stand at the bar, after a while you'll see True meaning of the word eternity, As a fair damsel moves with leaden pace, Hash in her hands, bored look upon her face, Fights for an order, while we stand there still, And she gropes blindly in the empty till. Job you did well, of that there's no contention, But we deserve an honorable mention. Many another place there is to go, We've skipped a deal that everyone should know. The reason for it is no mystery, For this is neither verse nor history, We've done our work, 'tis all we did expect, Shown you a fleeting glimpse of dear old Tech.

As Others See Him

De

Oh, the Collegeman in the

magazine

Is the finest thing I have

ever seen:

For he's big and tender, but

debonnaire,

And honest too, though

devil-may-care;

And you never would guess

'till the story's done -

Both game and girl by him

are won.

You read in the Weekly, and

isn't it great?

How he put the shot on the

the baseball eight,

And made first down (with

a broken oar)

By pulling the wickets and

tying the score.

He was quite unknown till

the moment came,

And 'twas only by chance that

he made the game!

An overgrown theme by the

Undergrad

Shows the Collegeman of

a College Lad.

He is next a "peach" in a

parlor car,

And removes a drummer

who goes too far.

"They" had never met, but

it's safe to say

He'll announce his luck

on Commencement Day.

Now the Collegeman of the
City Cop

Is the smartest jay —
but I'd better stop;

For no matter how mighty the
pen may be,
The policeman's club makes
a hit with me.

If I try to write, I may
find instead
I've beaten myself on the
back of my head.

A railroad pass and a
florist's store,
With a three days' cab and a
few things more,
Is the Collegeman of that
charming She.
(It's a capital S you always
see.)
You must really excuse
the way I speak,
For another has mine
this Junior week!

L'Envoi

The Collegeman has many a side

Which some may love and some deride;

But as we know his heart — why then —

Let's be ourselves true

Collegemen.

The Wreck of a Sophomore

With apologies to Dr. Drummond



On wan dark night on Botolph Street,
De ground she's tremble so,
Wan gang of Freshman be on dere,
And bravely stand below.
And den t'ree husky Freshman
Is go dem in de Tech,
And hunt for wan beeg Soph'more,
And pull heem out by neck.

Dey rush heem quickly down de street
W'ere oder Freshman stand,
And dere dey give heem wan welcome,
W'ich certement was grand.
Dey put on heem wan pretty suit,
W'at's customaire by night,
And ride heem on wan long ladder;
By dam! he's fonny sight!

De Sophomore he don't like dis,
So fight de best he can;
But still it don't do heem no good,
For he fight 'gainst beeg Freshman.
Dey make heem do beau coup des stunts,
And all have moche, moche fun;
But soon dey tire demselves of dis,
And drag heem home on run.

Dey t'row heem in de Tech Chamber,
And stand outside and cheer,
"Hurraw! Hurraw! dix neuve cent huit,"
'Till all de Soph'more hear.
Den many, many Soph'more
Is get in wan beeg gang,
And yell, "A-bas! wid naughtee-eight,
By dam! Nous aurons votre sang."

And den dere was wan mightee rush,
And many go a-terre,—
But dat's not be de Freshman;
De Soph'more, he go dere.
And w'en dere comes de beeg policeman,
Wat's all so big and fat,
Den all de fellers in bot' class
Is give dem many bat.

By'n by de fight is come to end,
By gosh! de Soph'more's glad;
For dey is got wan rushing
Like nevaire before dey had.
Now all dose dat is Soph'mores,
Take warning from dat fight,
Dat you be mighty carefull
How you telephone by night.





1906 Class Statistics

De

S has been the custom in previous years TECHNIQUE sent out during the term a list of questions to the members of the Junior Class. Replies were very prompt and numerous, and the following interesting and possibly valuable information was obtained:—

Age? The average age of the class is twenty-one years, four months and eight days. The youngest man is nineteen, and the oldest has already arrived at the age of thirty.

Weight? The average is one hundred forty-eight and four-tenths pounds. The heaviest man tips the scales at one hundred eighty-five pounds. The lightest man weighs one hundred and nine pounds.

Height? The average is five feet nine and one-fifth inches. The tallest of all is able to scratch his head on a bar six feet two and one-half inches from the floor. The shortest man has a height of sixty-one inches.

Rising Hour? The average Institute man gets up at twenty-two minutes past seven. One poor cuss gets up at five.

Retiring Hour? Here the average is seventeen minutes after eleven.

One man goes to bed at half past ten, except when he goes out to the theatre or somewhere.

Hours of Study per day? One man studies twenty-four hours a day, and then goes to sleep whether he needs it or not. The average is four hours and five minutes per day.

Most Popular Professor? The vote on this question went by a large majority to Professor Wendell. Professors Merrill, Miller, Sedgwick, Burton,

Clifford and Noyes also ran. One man "would have voted for Blackie, but he is not a Prof."

Most Popular man in the class? This honor goes to H. L. Williams. Wetterer was second and Coe third.

Man who has done most for the class? Wetterer was first, Coe second. The rest of the voting was very scattered. Arlo appeared among the also rans.

Man who has done most of the class? This question was proposed and answered on one sheet. The vote was unanimous for A. D. Maclachlan.

Man most likely to succeed in life? The vote on this question was more or less scattered as almost one third of the class was voted for. Wetterer, however, received a considerably larger vote than anyone else. Second on the list was "Myself."

Expenses for four years at Technology? According to statistics the average man who lives at home spends \$1,800 in four years. The average man away from home spends \$2,750. The highest expense given was \$6,000 for a man living away from home.

Favorite Magazine? Harper's Magazine won by quite a large majority.

The Literary Digest was second. The Police Gazette, The Institute and

The Tech were tied for third place, but it was decided that The Institute
should be given preference, on account of the unanimous verdict of its
editors.

Do you go to church? Of those that answered 52.7 per cent said "Yes." Some go when "She" goes. (We ignored all "Baptized at the Chapel" jokes.)

Hours of exercise a day? The average is 56 minutes (including trips to the top of Engineering A, etc.). Most of the exercise is taken in walking. One man exercises three hours a day, 17 per cent go without any.

Should Tech combine with Harvard? The remarks on this question were much more expressive than elegant. The voting was as follows:—

Yes-11 per cent.

No! - 87 per cent.

Two per cent made conditional answers or did not answer at all.

Do you smoke? Yes, 50.2 per cent (Phillistine please note.)

Do you drink intoxicating liquors? Twenty-five per cent confessed. Quite a number said "No," but chose beer for their favorite drink. Some do not drink in the liberal sense.

What is your political party? Ninety per cent are Republicans. There are three anarchists, one mugwump, two Populists, and the rest are Democrats. They were all Republicans on the night of November 2.

Do you work in the summer? Eighty-four per cent do. Their net average earnings (?) are \$44.53 per month. The pay ranged from one shilling for ten days' work on a cattle steamer, to seventy dollars a month selling books. Several men worked at a loss at the St. Louis Fair.

At what work? The greater number get positions along the line of their professional work at the Institute.

Preparatory School? Fifty per cent came here from High Schools. Exeter is the favorite "Prep." school, with Harvard a close second.

The answers to the questions on the most pleasant and most painful experiences were very interesting. Those given below are only a few of the more appropriate ones for publication.

MOST PLEASANT

MOST PAINFUL

Performed a slight service for a Co-ed.	Cut by the same Co-ed. the day after
	I performed said slight service.

Christmas ce	lebration at	the	Union	Watching Arlo	win the	high jump
given by	President	and	Mrs.	at the Indoor	Meet, Fo	eb. 16, '05.

Trying	to	spread	over	two	pages	Listening	to	Brown's lecture	o n
"Wh	y I	came to	Tecl	n."		Theore	tical	Chemistry.	

A	seat	in	the	cheering	section	at	Playing	in	the	Tech	Band.
	Arlo'	s le	cture	s.							

It	is	not	climbing	to	the	top	of	Listening to	the	Tech	Band.
			ring A.								

Tech show.

Field Day, 1903.	Field Day, 1902.
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Vacations. Reports.

Getting in. Staying in.



GEOGRAPHICAL DISTRIBUTION OF GRADUATES



Hawaii-5

Philippine Islands-4

Porto Rico-3

RESIDENCE OF STUDENTS IN THE UNITED



Hawaii-1

Porto Rico-4

Philippine Islands-4

GEOGRAPHICAL DISTRIBUTION OF GRADUATES

United States . . . 2,642

FOREIGN COUNTRIES

Country				N	umber	Country			Number
Agentine R	epu	blic			1	Persia			. 1
Australia					2	Peru .			. 1
Belgium					1	Scotland			. 1
Brazil					3	Siam			. 1
Canada					34	South Afr	ica	1	. 2
China					2	Syria	7.		. 1
Cuba					- 5	Turkey			. 1
England					12				
France					11				114
Germany			,		9				
Guatemala					1				2,756
Holland					1	Unrepo	rted		. 22
India					1				
Japan		23			5				2,778
Korea					3	Deceas	ed	7	. 122
Mexico	13				15				
						Total			. 2,900



STUDENTS RESIDENT IN FOREIGN COUNTRIES

Country				1	Number	Country			N	umber
Armenia		*:			1	Japan				1
Australia					1	Korea				2
Brazil					3	Malta, Isla	and of			1
Central An	nerica				1	Mexico				4
Chili					1	New Brun	swick			2
China					8	Nova Scot	ia			4
Cuba					4	Ontario			1.0	5
Denmark			2		1	Quebec				2
Ecuador					1	Scotland	14			2
England					4	Sweden	16	*		1
France					1	Syria			7.6	1
India					2	Transvaal		1301		1
Jamaica					1	Turkey				2

SUMMARY OF GRADUATES

The following table shows the number of students who have received the Bachelor's Degree in each of the several courses since the Institute was founded.

Year	Civil Engineering	Mechanical Engineering	Mining Engineering	Architecture	Chemistry	Metallurgy	Electrical Engineering	Natural History or Biology	Physics	General	Chemical Engineering	Sanitary Engineering	Geology	Naval Architecture	Total
1868	6	1	6	-	-	-	-	-	_	1	-	-	-	-	14
1869	2	2 2 2 1		-	1 2 3 7	-	_	-	-	-	-	-	-	_	5
1870	4	2	2	_	1	-	_	-	_	1	-	_	_	_	10
1871	8	2	5	-	2	-	-	-	-	-	-	_	-	-	17
1872	3	1	5 5 3	-	3	-	_	-	-	-	-	_	-	-	12
1873	12	2	3	1	7	-	_	-	-	1	-	- 55	-	-	26
1874	10	4	1	1	-	-	-	-	-	2	-	_	-	_	18
1875	10	7	6	1	1	-	_	-	1	2	_	-	-	_	28
1876	12	8	7	-	5	1	_	2	3	4	-	1	-	-	42
1877	12	6	8	4 3	2	-	-	-	-	-	-	_	-	-	32
1878	8	2	6 7 8 2 3 3	3	3	-	-	-		1	-	-	-	-	19
1879	6	8	3	1	3		-	1	1	-	-	-	-	_	23
1880	3	_	3	_	1 5 2 3 3 1 8		_	-	_	1	-	-	-	_	8
1881	3	5	6	3	8	-		1	-	2	-	50	-		28
1882	2 3 5	5 5 7	5 5 13	3	6	-	-	1	1	1	-				24
1883	3	/	5	1	3	-	_	-	-	-	-		-	-	19
1884	5	6	13	-	12	-	_	-	_	7	-	100	-	-	36
1885	9	7 23	8	2	4	-	10		_	1	-	-	-	_	28 59
1886		17	8	1	12 4 7 9		10	1	-	1	- 75	-		-	59
1887 1888	10 11	25	4	5	10	-	8 17	3	1	3	-	-		-	58 77
1889	14	24	5	3	8	_	17		1	2	_	-		_	75
1890	25	28	3	3 5	13	-	18	3	1	6		-			103
1891	18	26	4	6	11	-	23	3	1 2 3	1	7	-	-	-	103
1892	22	26	4	13	7.	\equiv	36	6	1	7	7 4	6	1		133
1893	25	30	5	2	6		41	2		6	8	0	2		129
1894	21	31	4	14	7 8 11		33	1	3 2 3	0	12	2	_	_	138
1895	25	30	3	15	14		33	1	2	5 4	11	3 4 4		5	144*
1896	26	34	10	24	17	_	48	3	2	7	7	4		5	190*
1897	25	40	7	16	20		33	2	3	7	12	4	3	5 5 9	179
1898	32	41	7	29	25		33	2 3	4	6	9	3	_	7	199
1899	30	37	9	22	22		32	2	2	1	10	1		8	173*
1900	32	34	21	21	19	_	23	3	3	5	11	4		9	185
1901	37	39	18	21	17		25	1	1	6	14	4	1	16	200
1902	24	46	14	18	14		35	5	3	3	9	7	_	14	192
1903	26	37	27	15	13		39	1	4	1	10	4	1	12	190
1904	34	45	32	24	15	-	34	3	13	5	7	2	î	17	232
Totals	549	688	280	275	325	1	540	49	56	93*	131	46	11	102	3,148*
Dec	luct n	ames	counte	ed twi	ce (s	tude	nts o	raduat	ing	in a	secon	d co	urse	in a	
	later											-			16
N	et tota												*		3,132*

^{*} Deducting names counted twice (students graduating in two courses),

REGISTRATION

Percentage of Special Students and Percentage of Graduating to Entering Students.

Year		Total Registration		Number of Graduate Students present		Percentage of Special Students		Number in Graduating Class		Percentage of Gradu- ates to those entering with same class
1865-66		72	_	_	_	12.5	_	-		_
1867	_	72 137	-	_		19.7		_	-	_
1868	_	167	-	5	***	25.7	2000	14	-	-
1869	_	172	_	5 3 15	_	39.5	-	5	_	8.6
1870	_	206	_	15	_	39.8		10	-	18.5
1871	-	224	-	13	-	36.2	-	17	-	34.0
1872	_	261	_	14		31.0	_	12	_	19.0
1873	_	348	_	9	_	27.6		26	_	36.6
1874		276		5	-	34.0		18	_	22.0
1875	_	248	_	21 10	_	23.0		28		25.0
1876 1877	-	255 215	Z	10		21.2	Ξ	42 32	-	71.2
1878		194	17 E	22 9		22.8 23.2		19	_	91.4 29.2
1879		188		11		45.2		23		74.2
1880		203		15		44.7	_	8	_	22.2
1881	_	253		14	_	44.7		28	-	57.1
1882		302	_	15	_	45.7	-	24	-	70.6
1883	_	368	_	14	_	40.5		19		55.8
1884	-	443	-	20	-	38.6		36	-	58.1
1885	_	579	_	31	_	36.5	-	28		31.4
1886	\sim	609	_	19	-	31.9	-	59	****	51.8
1887	_	637	-	21	_	30.4		58		41.4
1888	_	720	-	23	_	27.8	_	77		41.4
1889	300	827	_	34	_	28.7	_	75	-	42.4
1890	_	909	_	50	-	28.3	-	103	-	53.7
1891	(E)	937		48	_	29.9	7.7	103	-	45.0
1892		1,011	- 0	50	100	30.1	_	133		54.3
1893	_	1,060 1,157	_	48 79	_	27.0	-	129 138		50.6
1894 1895		1,137		72		28.9 29.4		144	Ξ	59.0 55.8
1896		1,183 1,187 1,198		80		28.3	_	190	_	62.1
1897		1 198		82		27.3		179	-	59.5
1898		1,198 1,171 1,178	_	73	_	27.7	-	199	-	73.8
1899		1.171	_	68		26.3	-	173		65.1
1900		1.178	_	79	_	25.1	_	185	_	70.0
1901	_	1,277	_	101	_	25.1 27.0	-	200		71.8
1902	_	1,277 1,415		129	_	29.2		192		64.1
1903	_	1,608	_	170		28.3		190	2.3	58.1
1904	-	1,528		173	-	32.1	-	232		62.0
1905	-	1,561	-	182	-	35.2	-	-	_	_
	Tota		Total,	1,827	Averag	_			Averag	e, 51.5

Facts

De

The total student fees of the Institute for last year were \$297,344.25.

The amount paid out in salaries alone was \$340,649.43.

The postage bill was \$2,456.78.

The gifts and bequests to the Institute last year amounted to \$115,302.66.

The amount awarded in scholarships was \$17,250 to 175 men, not including the Massachusetts State Scholarships.

There are 29 Co-eds.

The average age of entering students is 18 years and 9 months, after taking out 5 who are repeating the first year, and 9 persons of unusual age.

There were 233 students at Summer School last summer.

There are 34 students who chose (willingly) a 5-year course.

The following shows where the undergraduates live during the year:-

At Home	*			- 5	685
At the Chambers or bac	helor a	apartn	nents		138
At Fraternity Houses					139
Boarding in City proper	- 22	20	- 2		453
Boarding in the suburbs					146

Last year 52 students were required to withdraw, in consequence of low standing in scholarship.

There are 182 college graduates at the Institute from 89 colleges.

The valuation put on some of the Institute's property is as follows:-

Rogers Building					\$200,000.00
Walker Building					150,000.00
Engineering, A					90,000.00
Engineering, B					57,857.10
Engineering, C					47,561.08
Gymnasium .					00,001.33
Henry L. Pierce B	uildir	ıg			154,297.05
Lowell Building				0	121.790.93

There have been 4,829 volumes added to the libraries during 1903-04. Students received treatment from Dr. White, 185,

THE INSTRUCTING STAFF

				1903-04	1004-05
Professors				30	28
Associate P	rofe	ssors		14	18
Assistant P	rofe	ssors		 25	19
Instructors				66	68
Assistants				51	61
Lecturers				41	34



SUMMARY OF STUDENTS

Fellows								11
Graduate	Scholar	s .						4
Other Gra	aduate	Students						167
Candidate	s for th	e Degree	of D	octor	of Ph	ilosoph	ıv .	8
Candidate								18
Regular S								228
	**	third ye					0	261
	6.6	second						192
4.4	**	first year	ar .					
Special St	udents				v			550
Tota	1							1,737
Dedu	ict nan	es count	ed twi	ce				176
								1,561



Concerning

Name		Location	Founde	ed President	
Alabama Polytechnic Institu	te .	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 Wakeley Gunsaulus, D.D.	5
Barnard		New York, N. Y.	1889	Laura D. Gill, A.B., LL.D. (Dean)	6
Bates College		Lewiston, Me.	1864	George C. Chase, D.D., LL.D.	7
Beloit College		Beloit, Wis.	1843	Edward D. Eaton, D.D., LL.D.	8
Boston University		Boston, Mass.	1869	William F. Warren, S.T.D., LL.D.	9
Bowdoin College		Brunswick, Me.	1794	William De Witt Hyde, D.D., LL.D.	10
Brown University		Providence, R. I.	1764	William H. Perry Faunce, A.M., D.D.	11
Bryn Mawr		Bryn Mawr, Pa.	1880	M. Cary Thomas, Ph.D., LL.D.	12
Buchtel College	1.6	Akron, Ohio	1870	A. B. Church, A.M., D.D.	13
Bucknell University		Lewisburg, Pa.	1846	John Howard Harris, Ph.D., LL.D.	14
Case School of Applied Scien	ice .	Cleveland, Ohio	1880	Chas, S. Howe, B.S., Ph.D.	15
Central University		Richmond, Ky.	1874	Lindsay H. Blanton, A.M., LL.D.	16
Claffin University		Orangeburg, S. C.	1872	Lewis M. Dunton, A.M., D.D.	17
Colby University		Waterville, Me.	1818	Charles L. White, A.M., D.D.	18
Colgate University		Hamilton, N. Y.	1819	George Edwards Merrill, D.D., LL.D.	19
College of the City of New Y	ork	New York, N. Y.	1847	John H. Finlay, D.D., LL.D.	20
College of the Holy Cross ,	1.0	Worcester, Mass.	1843	Joseph F. Hanselman, S.J.	21
College of William and Mary		Williamsburg, Va.	1693	Lyon G. Tyler, M.A., LL.D.	22
Colorado College		Colorado Springs, Col.	1874	William Fred, Slocum, A.B., D.D., LL.D.	23
Columbia University	134	New York, N. Y.	1754	Nicholas M. Butler, Ph.D., LL.D.	24
Columbian University		Washington, D. C.	1821	Charles W. Needham, LL.M., LL.D.	25
Cornell University		Ithaca, N. Y.	1865	Jacob Gould Schurman, D.Sc., LL.D., A.M.	26
Cumberland University .	13	Lebanon, Tenn.	1879	David E. Mitchell, A.B.	27
Dartmouth College	19	Hanover, N. H.	1769	William J. Tucker, D.D., LL.D.	28
De Pauw University	34	Greencastle, Ind.	1837	Edwin Holt Hughes, A.M., D.D.	29
Dickinson		Carlisle, Pa.	1783	George Edward Reed, S.T.D., LL.D.	30
Drake University	1	Des Moines, Iowa	1891	Hill M. Bell, A.M.	31
Fisk University		Nashville, Tenn.	1866	James G. Merrill, D.D.	32
Franklin and Marshall .		Lancaster, Pa.	1853	John S, Stahr, Ph.D., LL.D.	33
Georgetown University .		Washington, D. C.	1789	Jerome Dougherty, S.J.	34
Girard College		Philadelphia, Pa.	1848	A. H. Felterolf, Ph.D., LL.D,	35
Hamilton College	1	Clinton, N. Y.	1812	Melancthon W. Stryker, D.D., LL.D.	36
Harvard University		Cambridge, Mass.	1636	Charles William Eliot, A.M., LL.D.	37
Hobart College , , .		Geneva, N. Y.	1822	Langdon C. Stewardson, A.M., LL.D.	38
Howard University		Washington, D. C.	1867	John Gordon, A.B., A.M., D.D.	39
Illinois Wesleyan University		Bloomington, Ill.	1853	Edgar M. Smith, B.A., M.A., D.D.	40

The Colleges

	Bldgs.	Stud'ts	Inst'r	s College Colors	Annual	Co-educa- tional	Tuition	Val. Prop'ty incl. Endw't Approx.
1	8	486		Orange and Blue	Glomerata	Yes	None	\$200,000
2	7	477	26	Pink and Green		Yes	30	500,000
3	8	329	16	Blue and Gold	Kaldron	Yes	51	830,000
4	24	414	42	Purple and White	Olio	No	110	2,500,000
5	4	1,400	60	Yellow and Black	Integral	Yes	120	5,000,000
6	1	459	50	Blue and White	The Mortarboard	No	150	726,700
7	8	340	18	Garnet	Bulletin No. 1	Yes	50	500,000
8	13	440	28	Gold	Codex	No	56	1,388,000
9		1,327	144	Scarlet and White	The Hub	Yes	125	1,700,000
10	11	377	46	White	The Bugle	No	75	1,820,000
11	18	865	83	Brown and White	Liber Brunensis	Yes	105	4,496,900
12	13	445	47	Yellow and White	The Lantern	No	150	2,278,810
13	6	280	16	Gold and Blue	The Buchtel	Yes	40	400,000
14	12	528	45	Orange and Navy Blue	L'Agenda	Yes	100	1,000,000
15	5	453	28		Differential	No	100	
16	12	1,374	44	Cardinal and Blue	Cardinal and Blue	Yes	50	750,000
17	12	550	32	Orange and Maroon	Bulletin	Yes	60	175,000
18	13	197	15	Pearl Gray	Colby Oracle	Yes	60	650,000
19	8	222	33	Maroon	Salmagundi	No	60	2,225,000
20	4	2,511	121	Lavender	Register	No	None	1,655,300
21		390	27	Purple and White	The Purple	No	60	
22	8	243	16	Orange and White	Colonial Echo	No	35	250,000
23	14	500	39	Gold and Black	The Tiger	Yes	35	1,475,000
24	21	4,557	585	Light Blue and White	Columbian	No	250	
25	4	1,440	165	Orange and Blue	Columbian	No	100	1,300,000
26	25	3,438	400	Cornelian and White	The Cornellian	Yes	150	12,000,000
27	6	648	66	Green, White and Blue	Phonix	No	150	514,000
28	25	865	70	Dark Green	Aegis	No	125	3,300,000
29	9	688	33	Old Gold	The Mirage	Yes	15	635,000
30	12	524	17	Red and White	The Microcosm	Yes	6	450,000
31	6	1,115	101	Blue and White	· Quax	Yes	49	500,000
32	8	517	30	Blue and Yellow		Yes	15	400,000
33	8	423	15	Blue and White	Oristamme	Yes	None	845,000
34	1	750	125	Blue and Gray	Hodge Podge	No	150	1,450,000
35	13	1,510	66	Steel and Garnet	4	No	None	10,504,059
36	16	190	20	Buff and Blue	Hamiltonian	No	75	1,250,000
37	64	6,013	550	Crimson		No	150	23,000,000
38	14	105	16	Orange and Royal Purple	Echo of the Seneca	No	80	793,584
39	16	969	90	Blue and White		Yes	None	2,000,000
40	4	1,367	34	Green and White	Argus	Yes	50	250,000

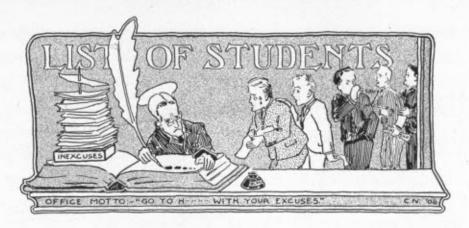
Name	Location F	ounde	d President	
Indiana University	Bloomington, Ind.		William L. Bryan, A.B., A.M., Ph.D.	1
Iowa College	Grinnell, Iowa	1843	Dan Freeman Bradley, D.D.	2
Iowa State College	Ames, Iowa	1858	Albert Boynton Storms, M.A., D.D.	3
Johns Hopkins University	Baltimore, Md.	1876	Ira Remson, A.B., LL.D., M.D., Ph.D.	4
Kentucky University	Lexington, Ky.	1836	Burris A. Jenkins, A.M., B.D., D.D.	5
Knox College	Galesburg, Ill.	1837	Thomas McClelland, A.M., D.D.	6
Lafayette College	Easton, Pa.	1832	Rev. Ethelbert D. Warfield, D.D., LL.D.	7
Lake Forest University	Lake Forest, Ill.	1855	Richard D. Harlan, A.M., D.D.	8
Lehigh University	South Bethlehem, Pa.	1866	Thomas Merringer Drown, LL.D.	9
Leland Stanford, Jr., University	Stanford University, Cal.	1891	David Starr Jordan, LL.D., Ph.D., M.S.	10
Manhattan College	New York City	1853	Brother Jerome, F.Sc.	11
Marietta College	Marietta, Ohio	1835	Alfred Tyler Perry, A.M., D.D.	12
Mass, Institute of Technology .	Boston, Mass.	1865	Henry Smith Pritchett, Ph.D., LL.D.	13
Mount Holyoke	South Hadley, Mass.	1837	Mary E. Woolley, A.M., L.H.D.	14
New York University	New York, N. Y.	1831	Henry M. MacCracken, D.D., LL.D.	15
Northwestern University	Evanston, Ill.	1851	Edmund Janes James, A.M., Ph.D.	16
Oberlin College	Oberlin, Ohio	1833	Henry C. King, D.D.	17
Ohio State University	Columbus, Ohio	1872	William O. Thompson, D.D., LL.D.	18
Ohio Wesleyan University	Delaware, Ohio	1844	James W. Bashford, A.M., Ph.D., D.D.	19
Pennsylvania State College	State College, Pa.	1859	Geo. W. Atherton, A.B., LL.D.	20
Polytechnic Institute of Brooklyn	Brooklyn, N. Y.	1854	Henry Sawyer Snow, A.B., LL.D.	21
Pratt Institute	Brooklyn, N. Y.	1887	Charles M. Pratt, A.B., A.M.	22
Princeton University	Princeton, N. J.	1746	Woodrow Wilson, Ph.D., Litt.D., LL.D.	23
Purdue University	Lafayette, Ind.	1874	Winthrop E. Stone, A.M., Ph.D.	24
Radcliffe	Cambridge, Mass.	1879	Le Baron R. Briggs, A.M., LL.D.	25
Rensselaer Polytechnic Institute	Troy, N. Y.	1824	Palmer C. Ricketts, C.E.	26
Richmond College	Richmond, Va.	1832	F. M. Boatwright, M.A., LL.D.	27
Rose Polytechnic Institute	Terre Haute, Ind.	1874	C, Leo Mees, Ph.D.	28
Rutgers College	New Brunswick, N. J.	1766	Austin Scott, Ph.D., LL.D.	29
Shaw University	Raleigh, N. C.	1866	Charles F. Neeserve	30
Smith College	Northampton, Mass.	1875	L, Clark Seelye, D.D., LL.D.	31
Southwestern University	Georgetown, Texas	1869	R. S. Hyer, A.M., LL.D.	32
State University of Iowa	Iowa City, Iowa	1847	George E. MacLean, M.A., LL.D.	33
Stevens Institute of Technology	Hoboken, N. J.	1870	Alexander C.Humphreys, M.E., Sc.D., LL.D.	. 34
Swarthmore	Swarthmore, Pa.	1869	Joseph Swain, LL.D.	35
Syracuse University	Syracuse, N. Y.	1871	James R. Day, S.T.D., LL.D.	36
Throop Polytechnic Institute .	Pasadena, Cal.	1891	Walter A. Edwards, A.B., A.M., LL,D.	37
Trinity College	Hartford, Conn.	1824	Havel S, Luther, B,A., Ph,D.	38
Tufts College	Tufts College, Mass.	1855	*Elmer H. Capen, A.M., D.D., LL.D.	39
Tulane University	New Orlcans, La.	1834	Edwin Anderson Alderman, LL.D.	40
	Chattanooga, Tenu.	1867	John H, Race, A,M., D.D.	41
Union University	Schenectady, N. Y.	1795	Andrew V. V. Raymond, D.D., LL.D.	42
United States Military Academy	West Point, N. Y.	1802	Albert L. Mills, Colonel, U. S. A.	43
United States Naval Academy .		1845	Captain Bronson, U. S. N.	44
University of Alabama	University, Ala.	1831	John W. Abercrombie, LL.D.	45
University of Arizona	Tucson, Ariz.	1885	Kendric C. Babcock, B.L., A.M.	46
*Died March 22, 1905.				
	F 2 3 6	1 1		

	Bldgs.	Stud'ts	Inst'r	s College Colors	Annual	Co-educa- tional	Tuition	Val. Prop'ty incl, Endw't Approx.
1	10	1,614	69	Cream and Crimson	Arbutus	Yes	None	\$1,000,000
2	7	464	40	Scarlet and Black	Junior Annual	Yes	55	600,000
3	21	1,400	97		The Bomb	Yes	24	1,731,832
4	12	702	158	Black and Old Gold	The Hullabaloo	No	200	5,000,000
5	10	1,155	66	Crimson	Crimson		30	800,000
6	5	504	29	Purple and Gold	The Gale	Yes	120	560,000
7	30	429	30	Maroon and White	The Melange	No	100	1,150,000
8	9	141	16	Red and Black	The Forester	Yes	40	1,000,000
9	14	600	56	Brown and White	Epitome	No	125	2,500,000
10	38	1,370	130	Cardinal Red	Stanford Quad	Yes	20	30,000,000
11		578	26	Green and White		No	100	
12	6	301	23	Navy Blue and White	Mariettana	Yes	50	500,000
13	8	1,561	229	Cardinal Red and Silver Gray	Technique	Yes	250	1,776,117
14	20	764		Light Blue	Llamarada	No	125	1,200,000
15	12	1,956	274	Violet	The Violet	Yes	100	3,500,000
16	14	2,740	197	Royal Purple	The Syllabus	Yes	80	6,761,250
17	16	1,401	94	Crimson and Gold	Hi-O-Hi	Yes	75	2,356,000
18	22	1,710	146	Scarlet and Gray	Makio	Yes	None	3,668,876
19	11	1,372	72	Black and Red	Bijou	Yes	46	1,736,126
20	17	466	58	Blue and White	La Vie	Yes	100	1,770,000
21	2	195	22	Blue and Gray	The Polywog	No	200	600,000
22	7	3,485	124	Cadmium Yellow	- 1979 - HANDLEY CASTER	Yes	75	4,000,000
23	57	1,434	109	Orange and Black	Bric-a-Brac	No	160	
24	28	1,305	98	Old Gold and Black	Debris	Yes	25	1,240,000
25	7	458	90	Red and White		No	200	600,000
26	6	370	22	Cherry and White	Transit "	No	200	
27	10	215	16	Crimson and Blue	The Spider	No	70	1,100,000
28	5	210	20	Old Rose and White	The Modulus	No	100	1,000,000
29	10	392	32	Scarlet	Scarlet Letter	No	75	
30	11	500	45	Cardinal and White		Yes	15	160,000
31	24	1,033	80	White		No	100	2,665,000
32	5	575	22	Lemon and Black	Sou'wester	Yes	60	300,000
33	19	1,352	130	Old Gold	The Hawkeye	Yes	75	2,000,000
34	3	322	25	Silver Gray and Crimson	Link	No	225	1,250,000
35	8	225	25	Garnet	Halcyon	Yes	150	1,500,000
36	11	2,207	189	Orange	The Quondagan	Yes	125	2,156,711
37	2	520	30		Polytechnic	Yes	75	200,000
38	5	125	20	Dark Blue and Old Gold	Ivy	No	100	850,000
39	18	988	175	Brown and Blue	The Brown and Blu	e Yes	100	2,000,000
40	20	1,205	95	Olive and Blue	Jambalaya	Yes	85	2,800,000
41	14	899	63	Blue and Gold	Howitzer	Yes	50	417,700
42	15	589	96	Garnet	The Garnet	No	75	1,500,000
43	6.723	460	80	Black, Gray and Gold		No	None	
44		708		Blue and Old Gold	The Lucky Bag	No	None	
45	10	420	41	Crimson and White	The Corolla	Yes	None	1,500,000
46	12	205	23	Blue and Red		Yes	None	225,000

Name	Location	Founded President	
University of Arkansas .		Henry S. Hartzog, LL.D.	1
	. Berkeley, Cal.	1868 Benjamin Ide Wheeler, Ph.D., LL.D.	2
University of Chicago		1891 W. R. Harper, D.D., Ph.D., LL.D.	3
University of Cincinnati .	. Cincinnati, Ohio	1858 Howard Ayers, B.S., Ph.D., LL.D.	4
University of Colorado .	. Boulder, Col.	1877 James H. Baker, M.A., LL.D.	5
University of Denver	. Denver, Col.	1864 Henry A. Buchtel, A.M., D.D., LL.D.	6
University of Georgia	. Athens, Ga.	1801 Walter B. Hill, A.M., LL,D.	
University of Idaho	. Moscow, Idaho	1892 James Alexander MacLean, M.A., Ph.D.	7 8
University of Illinois	. Urbana, Ill.	1868 Andrew Sloan Draper, LL.D.	9
University of Kansas	. Lawrence, Kan.	1866 Frank Strong, Ph.D.	10
University of Maine	Orono, Me.	1865 George EmoryFellows,Ph.D.,L.H.D.,LL.D	100
University of Michigan .	. Ann Arbor, Mich.	1837 James B. Angell, LL.D.	
University of Minnesota .	Minneapolis, Minn.	1868 Cyrus Northrop, LL.D.	12
University of Missouri .	Columbia, Mo.	1839 Richard H. Jesse, LL.D.	13
University of Nebraska .	Lincoln, Neb.	1869 E. Benjamin Andrews, D.D., LL.D.	14
University of North Carolina	Chapel Hill, N. C.	1789 Francis P. Venable, Ph.D., LL.D.	15
	Grand Fork, N. D.	1883 Webster Merrifield, M.A.	16
University of Notre Dame	Notre Dame, Ind.	1842 Andrew Morrissey, C.Sc., A.M.	17
University of Oklahoma .		1892 David R. Boyd, A.M., Ph.D.	18
University of Omaha	Bellevue, Neb.	1880 David R. Kerr, Ph.D., D.D.	19
University of Oregon		1878 P. L. Campbell, A.B.	20
University of Pennsylvania	Philadelphia, Pa.	1740 Charles C. Harrison, I.L.D.	21
University of Rochester	Rochester, N. Y.	1850 Rush Rees, A.M., D.D., LL.D.	22
University of South Dakota .	Vermilion, S. D.	1882 Garrett Droppers, A.B.	28
University of Tennessee	Knoxville, Tenn.		24
University of Texas	Austin, Texas	1794 Charles W. Danbey, A.B., Ph.D., LL.D. 1883 William L. Prather, LL.D.	25
University of the South	Sewance, Tenn.	1868 Benjamin L. Wiggins, M.A., LL.D.	26
University of Utah	Salt Lake City, Utah		27
University of Vermont	Burlington, Vt.	1850 J. J. Kingsbury, Ph.B., A.M., Ph.D., D.Sc. 1791 Mathew H. Bucham, D.D., LL.D.	28
University of Virginia	Charlottesville, Va.	1825 J. M. Page, M.A., Ph.D.	29
University of Wisconsin	Madison, Wis.	1848 Charles R. Van Hise, Ph.D.	30
University of Wyoming	Laramie, Wyo.		31
Vanderbilt University	Nashville, Tenn.		32
Vassar College	Poughkeepsie, N. Y.		33
Wash'n and Jeff'n University .	Washington, Pa.		34
Wash'n and Lee University .	Lexington, Va.	,	35
Washington University	St. Louis, Mo.	9	36
Wellesley College	Wellesley, Mass,		37
Wells College	Aurora, N. Y.		38
Wesleyan University	Middletown, Conn.	a	
W M	Westminster, Md,	and the state of t	40
	Cleveland, Ohio		41
Western Reserve	Williamstown, Mass.	1826 Charles F. Thwing, D.D., LL.D.	42
		1798 Henry Hopkins, D.D., LL.D.	43
Worcester Polytechnic Institute	Worcester, Mass. Wooster, Ohio	1865 Edmund Arthur Engler, A.M., Ph.D., LL.D.	
Wooster University	New Haven, Conn.	1869 Louis Edward Holden, D.D., LL.D.	45
Yale University	New Haven, Conn.	1701 Arthur T. Hadley, LL.D.	46

1	Bldgs,	Stud'ts	Inst'r	s College Colors	Annual Cardinal	Co-educa- tional Yes	Tuition None	Val. Prop'ty incl. Endw't Approx. \$350,000
2	30	3,690	408	Blue and Gold	Blue and Gold	Yes	None	φουσ,000
3	34	4,146	325	Maroon	The Cap and Gown	Yes	120	18,000,000
4	10	1,323	162	Scarlet and Black	Cincinnatian	Yes	75	20,000,000
5	13	580	103	Silver and Gold	Coloradoan	Yes	None	400,000
6	12	617	190	Red and Gold	Kynewisbok	Yes	30	750,000
7	14	360	25	Red and Black	Pandora	No	50	562,844
8	4	400	25	Silver and Gold	Gem of the Mountain		None	325,000
9	16	3,661	334	Orange and Blue	The Illio	Yes	105	2,750,000
10	6	togoout.	112	Red		Yes		142,000
11	32	586	63	Light Blue	The Prism	Yes	30	1,000,000
12	19	3,926	233	Maize and Blue	Michiganensian	Yes	45	2,900,000
13	35	3,550	275	Maroon and Old Gold	The Gopher	Yes	100	2,000,000
14	25	1,540	105	Gold and Black	The Savitor	Yes	10	2,600,000
15	16	2,247	172	Scarlet and Cream	The Sombrero	Yes	None	1,000,000
16	16	585	58	Blue and White	Yackety-Yack	Yes	75	600,000
17	8	666	35	Pink and Green	The Dacotak	Yes	None	400,000
18	28	982	70	Gold and Blue		No	400	3,000,000
19	7	425	31	Crimson and Cream	News Letter	Yes	None	200,000
20	6	203	23	Purple and Gold	Old Elk Hill	Yes	50	140,000
21	9	420	76	Lemon Yellow	Webfoot	Yes	None	
92	30	2,644	316	Red and Blue	The Record	No	200	11,191,187
23	5	264	21	Dandelion Yellow	Interpres	Yes	75	1,400,000
24	4	422	40	Vermilion	Coyote	Yes	50	370,000
25	18	726	92	Orange and White	The Volunteer	Yes	60	1,013,291
26	11	1,274	110	Orange and White	Cactus	Yes	None	3,000,000
27	10	583	45	Royal Purple	Cap and Goron	No	100	750,000
28	7	718	42	Crimson and Silver	Annual	Yes	10	433,000
29	12	519	36	Green and Gold	The Ariel	Yes	60	1,407,900
30	17	703	62	Orange and Blue	Corks and Curls	No	100	1,800,000
31	31	3,221	227	Cardinal	The Badger	Yes	None	1,368,806
32	9 -	225	19	Brown and Yellow		Yes	None	2,000,000
33	20	793	100	Black and Gold	Comet	Yes	100	2,500,000
34	20	981	80	Rose and Gray	Vassarian	No	100	2,600,000
35	7	390	26	Red and Black	Pandora	No	60	700,000
36	20	305	28	Blue and White	The Calyx	No	50	1,000,000
37	20	1,810	196	Myrtle and Maroon	The Hatchet	Yes	150	7,774,000
38	15	981	90	Deep Blue	Legenda	No	175	2,076,000
39	6	125	99	Cardinal	The Cardinal	No	100	
40	12	335	36	Cardinal and Black	Olla Podrida	Yes	75	2,250,157
41	18	250	20	Old Gold and Olive Green	Aloha	Yes	45	250,000
42	15	740	153	Red and White	Reserve	Yes	125	2,824,300
43	20	446	35	Royal Purple		No	105	
44	8	272	32	Crimson and Steel Gray		No	150	1,400,000
45	9	480	24	Black and Old Gold	The Index	Yes	60	750,000
46	55	2,990	384	Blue	Yale Banner	No	155	





G, Graduate Students

Name and Society Cla	185	Course	Home Address
Abbott, Fred Hathaway, Δ T Δ,	05	VI	1138 Commonwealth Ave., Brook-
Abbott, George Alonzo, A.M.,		V	Greencastle, Ind. [line, Mass.
Abbott, Russell Chandler,	7	I	Andover, Mass.
Abbott, William George, Jr.,	6	VI	1525 Pine St., Philadelphia, Pa.
Ackerman, Alexander Seymour,	6	III	Newport, R. I.
Ackerson, James Lee, X Φ,	5	XIII	A Middleville, Mich.
Adams, Charles Robert,	5	I	23 Burr St., Jamaica Plain, Mass.
Adams, Franklin Oliver, Jr., B.S.,	7	IV	Locust Ridge, La.
Adams, Daniel,	6	II	Wellesley Hills, Mass.
Adams, William Alexander,	8		47 Kenwood Road, Roxbury, Mass.
Ahern, Michael Joseph, A.B.			761 Harrison Ave., Boston, Mass.
Albro, Robert Clifford,	7	I	377 St. James Ave, Springfield, Mass.
Allen, Chester,	7 5 7 8	I	203 Temple St., WestRoxbury, Mass.
Allen, Charles Everett,	7	I	249 Main St., Spencer, Mass.
Allen, Edward Earle,	8		26 Park St., Somerville, Mass.
Allen, Horace Ethan, AKE,	8		Seoul, Korea
Allen, Lawrence, Δ T Δ,	7	I	East Freetown, Mass.
*Allen, Lawrence Howe,	8		40 Avon Way, Quincy, Mass.
Allen, Leon Lincoln,	8	I	209 Washington St., Brookline, Mass.
Allen, Maurice Everett, Δ K E,	8		U. S. Legation, Seoul, Korea
Allen, Roy Hutchins,		III	36 Allyn St., Holyoke, Mass.
Almy, Edward Taber, Jr.,	5 8		126 Willis St., New Bedford, Mass.
Alvord, Henry Bissell,	7	I	South Weymouth, Mass. [Mass.
Amadon, Frederick Webber,	7	I	
Ambrose, Charles Byron,	8		Gossville, N. H. [Mass.
Ames, Monroe,	8		3 Playstead Road, West Medford,
Ames, William Oliver,	8		North Cohasset, Mass.
Ammen, William Wetherall, A.B.	5	XIII	1212 Madison Ave., Baltimore, Md.
Anderson, Claude Aurelius,	5	XIII	
Anderson, John Wallace,	6	II	95 Jason St., Arlington, Mass.
Andrews, Frederic Huntoon,	6	VI	559 Mass. Ave., Boston, Mass.
Angus, Robert Alexander,	7	II	110 Oak St., Hartford, Conn.
Tring and Trongers	-		

Name and Society C	Jane	Course	
	06		Home Address
Applegate, Thomas Ely, B.S.,	6		535 Marshall St., Milwaukee, Wis.
Appleton, Arthur Benson,	8	11	Hightstown, N. J.
Armsby, Alfred Lincoln, B.A.,		VI	15 Dane St., Beverly, Mass.
Armstrong, Fritz Albert,	7	I	Millbury, Mass.
Arnold, Anthony Brown, A.B.,		II	220West Rover St., HydePark, Mass.
Ashenden, Richard Chesley, Φ B E	7	II	Plainfield, Conn.
Ashley, Allen, B.S.,	7	VI	127 Oakleigh Road, Newton, Mass.
Ashmore, Morse Breckenfeld,	6	VI	Ruston, La.
Atwood, Carlton Elliot,			38 West Newton St., Boston, Mass.
	5	VI	Chelmsford, Mass.
Ayer, John, Ayers, Samuel Henry,	5	I	Belmont, Mass.
	5	VII	40 Lincoln Ave., Portsmouth, N. H.
Babcock, Alfred Bennett,		377	719 Boylston St., Boston, Mass.
Babcock, CourtlandtW., Ph. B, ΔΦ, Bachmann, Frederick,	5	VII	Stonington, Conn. [Md.
	8	XIII	677 West Baltimore St., Baltimore,
Bailey, Charles William, Bailey, Herbert Stevens, A.B, AT G	- 63	3.7	313 Newton St., Waltham, Mass.
Baker, Cecil Franklin, SN,		V	Lawrence, Kan. [III.
	7	IV	702 W.University Ave., Champaign,
Baker, Charles Everett, Jr., Baker, Eldridge Irving,	7 8	XI	35 Wendover St., Dorchester, Mass.
Baker, Harold Peters, A.B.,		377	111 Museum St., Cambridge, Mass.
Baker, Joseph Cheney,	7	VI	White Haven, Pa.
Baker, James McFarlan, B.S.,	$\overset{5}{G}$	II	332 Delaware St., Syracuse, N. Y.
Baker, Joseph Mullin,		IV VI	310 Greene Ave., Brooklyn, N. Y.
Baker, Warren Stearns, ⊕ Ξ,	7	VI	27 Clinton St., Watertown, N. Y.
Baldwin, Francis George, Φ B E,	8	TT	110 Bellevue St., W. Roxbury, Mass.
Balkam, Arthur Thomas,	6	II	205 W. 106 St., New York, N. Y.
Ball, Edwin Chester,	8	XIII	55 Green St., Jamaica Plain, Mass.
Ball, Herbert James,	6	TT	694 Broadway, W. Somerville, Mass.
Ball, William Gilbert,		II	2 Cambridge Terrace, Allston, Mass.
Ballard, Harold Foote,	5	III	7 Otisfield St., Roxbury, Mass.
Ballon Edgar Clark A T A		137	Millington, Mass.
Ballou, Edgar Clark, Δ T Δ, Balls, William Howard,	7	IV	15 Laura St., Providence, R. I.
Banash Ira James	6	XIII	513 Snyder Ave., Philadelphia, Pa.
Banash, Ira James,	6	VIII	5 FaystonSt., Roxbury, Mass. [Mass.
Bancroft, Albert Fitch, Δ T Δ,	7 8	III	93 Mt. Pleasant St., New Bedford,
Bangs, Carl Henry,		TTT	Town St., So. Braintree, Mass.
Barber, Raymond J., Δ T Δ ,	6	III	19 Maple Ave., Newton, Mass.
Barcus, Walter J. E., A Y,	8	TTY	215 Madison Ave., Albany, N. Y.
Bardwell, Earle Smith,	6	III	122 Pine St., Florence, Mass.
Barker, Bertha Isabel, B.S.,	7	VII	30 Lexington Ave., Cambridge, Mass.
Barker, Clinton Carter,	7	I	1361 Osgood St., N. Andover, Mass.
Barlow, James Evans,	5	I	274 Methuen St., Lawrence, Mass.
Barker, James Madison,	7	I	61 Henry Ave., Pittsfield, Mass.
Barnard, Frederick B., Jr., $\Phi \Gamma \Delta$,	7	III	Groton, Mass.

Name and Society	Class	Course	Home Address
Barnes, Howard Parker,	'06	I	6 Carver St., Plymouth, Mass.
Barnes, James Phillips,	5	VI	"The Snowdon," Syracuse, N. Y.
Barnes, John Stetson, AY,	8		414W. Onondaga St., Syracuse, N.Y.
Barnett, Louis,	8		480 Tremont St., Boston, Mass.
Barrett, Paul Bosworth,	8	VI	East Taunton, Mass.
Barrier, Edward André,	5	V	18 Ellery St., Cambridge, Mass.
Barron, Edward Taylor, X X,	5	III	1132 Murray HillAve., Pittsburg, Pa.
Barrows A.,	3		3
Barrows, Frederick William,	7	III	646 Gorham St., Lowell, Mass.
Barrows, George Herbert,		IV	99 Somerset Ave., Taunton, Mass.
Barry, John Gerald,	5 7		5 Buffum St., Salem, Mass.
Bartlett, Charles Terrell,	6	I	Fortress Monroe, Va.
Bartlett, Edward Hale,		X	11 Parker St., Newburyport, Mass.
Bartlett, George Merrill,	5 5 8	V	68 St. Germain St., Boston, Mass.
Barton, William Edward,	8		16 Crocker St., Somerville, Mass.
Batchelder, Charles Leland,	8		North Reading, Mass.
Batchelder, Frederick Russell,	6	VI	
Batchelder, Ralph Johnson,	8		1 Frost Terrace, North Cambridge,
Baton, Warren U. C.,	5	XI	Whitinsville, Mass.
Batsford, Howard Edwin,	8		72 Watson Place, Utica, N. Y.
Battles, Donald Raymond,	5	XIII	A Erie, Pa.
Beam, Charles Wellett, A.B.,	7	I	96 High St., Passaic, N. J.
Bearce, William Pitt,	7	Î	1 Yeaton Place, Haverhill, Mass.
Beard, Robert Stanley,	5	I	38 South Beaver St., York, Pa. [Mass.
Beck, Ralph Ernest,	8		127 Cornell St., Newton Lower Falls,
Becker, William Frederick,	6	VI	68 W. Washington St., Chicago, Ill.
Bedford, Thomas Payne, B.S.,	6	VI	Fayette, Mo.
Beers, Harold William,	6	Ī	52 Cedar St., Taunton, Mass.
Beers, William Herbert,		VII	Watertown, Conn.
Belcher, Frank Kennedy,	5 8		11 Otis St., Medford, Mass.
Belcher, George Myron,	8		148 Hawthorne St., Malden, Mass.
Belding, Arthur Field, A E,	5	II	29 Pleasant St., Fitchburg, Mass.
Beliveau, Francis G., ΦΣK,	8		21 Grant St., Keene, N. H.
Bell, Andrew Lane,	6	XIII	20 Grove St., Chelsea, Mass.
Bell, Raymond Edwin,	6	11	Portland, Conn.
Bellamy, Arthur M., B.S.,	6	V	
Bender, Edwin Ferdinand, ⊕ E		II	433 3rd St., Brooklyn, N. Y.
Benham, Frank Arthur,	6	I	Milton, Vt.
Bennett, Frederick Gardner,	5	Ī	Southampton, Long Island, N. Y.
Benson, Stuart Wells,	5	X	160 West Canton St., Boston, Mass.
Bent, Leavitt Newell,	5	X	Framingham, Mass.
Bent, Walter Gregory,	5	X	Framingham, Mass.
Bentley, Fred Harold,	6	II	
Bentley, Harry Howe,	8		Oskaloosa, Iowa
benney, many nowe,			Commoder, avera

Name and Society	Class	Course	Home Address
Bergen, Harold Gerald,	'08		Babylon, N. Y. [D. C.
Berliner, Edgar Maurice,	6	II	1458 Columbia Road, Washington,
Besselievre, Arthur Cleberne,	8		28 Garfield Ave., New London, Conn.
Bettington, Claude Albemarle,	8	VI	Johannesburg, South Africa
Bicknell, John Warren,	8		99 Maple St., Malden, Mass.
Bigelow, William Walter,	7	II	624 State St., Springfield, Mass.
Biggs, Asa Jones, ∑ A E,	5	IV	216 Institute St., Jackson, Tenn.
Bingham, Rutherfurd, AY,	6	VΙ	Washington, D. C.
Bird, Viggo Edward,	8		Copenhagen, Denmark
Boxby, William Peet,	5	II	55 Elm St., Woburn, Mass.
Black, Albert Shirley, AY,	7	I	16 Hanover St., Lynn, Mass.
Blackburn, Henry Washington,	8		te Poval St. N. Laurence Mass.
Blackwell, Otto Bernard,	6	VI	14 Royal St., N. Lawrence, Mass.
Blake, Arthur William, AY,	6	II	Bourne, Mass.
Blake, Howard Colburn,		I	54 Eastern Promenade, Portland, Me.
Blakeman, William H., A.B.,	.7	XIII	184 West Canton St., Boston, Mass.
Bliss, Clara Amity, B.S.,	5	V	148 W. 4th St., Mt. Vernon, N. Y.
Blodgett, Albert Alden, $\Delta \Sigma \Phi$,	6	IV	10 Allen St., Newburyport, Mass.
Blodgett, Laurence Gould, Φ B E			28 Greenville St., Roxbury, Mass.
Blodgett, Mildred Eleanor,		I	3523 McGee St., Kansas City, Mo.
	6	XII	780 Beacon St., Boston, Mass.
Bloom, Carl Schon, X Φ,	8	37	Baltimore, Md.
Bloom, David,	6	V	377 Broadway, South Boston, Mass.
Blount, Fernando Moreno, A & 4		IV	Pensacola, Fla.
Boardman, Wallace Eugene,	7	VI	54 Pleasant St., Wakefield, Mass.
Bodenstein, Morgan Lamoree,	8	**	21 Linwood St., Arlington, Mass.
Boggs, Charles Reid, S A E,	5	V	1918 Eye St., Washington, D. C.
Boland, Marion Genevieve, A.B.		***	11 Lagrange St., Worcester, Mass.
Boles, Edwin Dexter,	7	II	60 Pleasant St., Marblehead, Mass.
Bollard, Donald Chamberlin,	7	IV	2115 Sherman Ave., Omaha, Neb.
Bonta, Edwin Witthaus,	7	IV	175 Hodge Ave., Buffalo, N. Y.
Booth, Robert Harbison, Δ T Δ	, 7	II	Linwood, Pa.
Booth, Wilfred Edwin,			39 Manhan St., Waterbury, Conn.
Bounetheau, Harold Du Pré,	8	55.00	Jacksonville, Fla.
Boush, Kenneth Camm,	7	II	Naval War College, Newport, R. I.
Bowen, Clarence Allen,	7 8	II	43 Gates St., Lowell, Mass.
Bowman, Donald,			923 West 4th St., Marion, Ind.
Boylston, Clifford Hall,	8		Central Ave., Milton, Mass.
Boynton, Augustus Swaine,	6	II	268 Main St., Groveland, Mass.
Boynton, William Wilmot, Φ B E	, 8		130 Oxford St., Cambridge, Mass.
Bradbury, Royall Douglas,	5	I	Hotel Vickers, Kansas City, Mo.
Bradford, Alexander Henry,	8		Raynham, Mass.
Bradley, John Clement,	7	VIII	11 Dell Ave., Hyde Park, Mass.
Bragdon, Charles R., B ⊕ II,	7	X	1709 Chicago Ave., Evanston, Ill.
Brandyce, Henry D., A.B.,		XIII	27 East 74th St., New York, N. Y.

Name and Society	Class	Course	Home Address
Brazil, Augusto de Moura,	'07	VI	Rio de Janeiro, Brazil
Breitzke, Charles Frederick,	6	XI	Newton Centre, Mass.
Bremer, Arthur Edmund,	8		618 Garden St., Hoboken, N. J.
Bridgman, Grenville Temple,	8	III	19 Glenbrook Ave., Stamford, Conn.
Briggs, Ernest Nathaniel,	6	XIII	31 Rhode IslandAve., Newport, R.I.
Broad, Charles Edward,		II	53 C'w'lth Av., Newton C'tr., Mass.
	5	VI	39 Parsons St., Brighton, Mass.
Brock, Lester Wellington,	7	II	2 Woburn St., Medford, Mass.
Brooks, Alfred Austin,	7 8	II	61 Franklin St., Westfield, Mass.
Brooks, John Cummings,	8	11	Ch. Commerce, Minneapolis, Minn.
Brown, Clarence Jay,	8		
Brown, Claude Osgood,			212 Main St., Haverhill, Mass.
Brown, Eugene De Vert, Jr., ΦΣΚ		TT	4459 Delmar Ave., St. Louis, Mo.
Brown, Harry Wheeler,	6	II	118 Brighton Ave., Allston, Mass.
Brown, Howard Hayes,	6	XIII	27 Elm St., Penacook, N. H.
Brown, Joseph Henry, Jr., A.I		II	72 Winthrop St., Charlestown, Mass.
Brown, Leander Moore, Jr., ΔΨ		***	High St., Newburyport, Mass.
Brown, Walter Stanley,	5	III	89 Mt. Vernon S., Boston, Mass.
Browne, Frank Atwood,	6	XIII	19 Spring St., Westboro, Mass.
Brownell, Frank Wilbur, B.A.,	5	VI	Northport, Nova Scotia
Brownlee, Richard William,	7	II	Detroit, Mich.
Bruce, George Howard,	6	VI	72 Woodland St., Worcester, Mass.
Bryant, George Henry, $\Delta T \Delta$,	7	XI	4 Lincoln St., Haverhill, Mass.
Buchanan, James Marion, B.S.		III	512 Market St., Trenton, N. J.
Buck, Laurance Montjoy, X Φ,	7	III	1228 St. Paul St., Baltimore, Md.
Buckingham, George Holbrooke	e, 6	IV	138 Newbury St., Boston, Mass.
Buckley, James Patrick, Jr.,	5	III	16 Devereux St., Salem, Mass.
Buell, Lloyd Thomas,	5	III	Cerrillos, New Mexico
Buff, Henry Arthur,	5	III	23 Cheshire St., Jamaica Plain, Mass.
Buker, Harry William,	6	III	8 Mt. Vernon St., Salem, Mass.
Bullard, Maurice Lucian,	8		Needham, Mass.
Bunker, George Cyrus, B.S.,	5	VII	Littleton, N. H.
Burch, James Merrill, Jr.,	8	VI	423 West Third St., Dubuque, Ia.
Burgess, Harry Lancaster,	8		831 E. 168th St., New York, N. Y.
Burhans, Harry Newton,	7	X	1423 S. State St., Syracuse, N. Y.
Burke, Fletcher H., A.M., Φ K Σ		III	35 Cleveland Ave., Buffalo, N. Y.
Burke, Ralph H.,	5	I	759 Adams St., Chicago, Ill.
Burkhardt, Edward Arthur,	5	XIII	6 Parley Vale, Jamaica Plain, Mass.
Burleigh, Charles Randall,	6	II	53 Washington St., Malden, Mass.
Burnap, George Elberton,	6	IV	22 Trull St., Dorchester, Mass.
Burns, Walter,	-	V	25 Beacon St., North Adams, Mass.
Burpee, George W., A.B, ΔKE, ΦΙ	RK 6	I	124 Main St., Houlton, Maine
Burton, Eugene,		III	1697 Everett Ave., Louisville, Ky.
	5	V	639 Main St., Winsted, Conn.
Burwell, Albert Lewis,	7	II	
Bushnell, Leonard Theaker, A.B.	, 5	11	70 Orchard St., New Bedford, Mass.

Name and Society C	lass	Course	Home Address
Butler, Chester Mateland,	'07	V	Avon, Mass.
Butler, Joseph W.,	8		26 Rosedale St., Dorchester, Mass.
Butts, Walter Matthews, Δ Σ Φ,	5	VI	South Dartmouth, Mass.
Cabell, Breckinridge, Φ K Σ,	5	VI	Bowling Green, Ky.
Cady, John Hutchins, Ph. B., AΔΦ,		IV	127 Power St., Providence, R. I.
Cady, William James,	6	VI	97 University Road, Brookline, Mass.
Caine, Sydney Atmore, ∑ X,	5	XIII	37 St. James Court, Louisville, Ky.
Cairns, Douglas, $\Phi \Gamma \Delta$,	8		171 Townsend St., Roxbury, Mass.
	8		118 Neponset St., Norwood, Mass.
Calder, Horace Walter,	8		1304 2d St., Louisville, Ky.
Caldwell, Walter Evans,		IV	5148 Westminster Pl., St. Louis, Mo.
Caldwell, William A., Jr., B.S.,			
Calkins, Ernest Wilber, Jr.,	5	II	North Abington, Mass.
Callahan, Charles Augustine,	8		109 River St., Waltham, Mass.
Callaway, Hendley Ross,	8	***	Westfield, N. J.
Callmann, Herbert, B.S.,	6	VI	140 West 86th St., New York, N.Y.
Camp, Roland Heaton, B.A.,	6	VI	Pine St., Waterbury, Conn.
Campbell, Alfred,	8		5701 Stanton Ave., Pittsburg, Pa.
Campbell, Edmund S.,	6	IV	4 Broad St., Freehold, N. J.
Carey, Francis Vincent,	7	I	Percival St., Dorchester, Mass.
Carhart, Frank Milton, $\Delta T \Delta$,	5	I	Salt Lake City, Utah
Carpenter, William Taggart, C.F.	5.,7	XI	106 Exeter St., Pittston, Pa.
Carr, Sidney Taylor,	6	VI	18 Thayer St., Quincy, Mass.
Cartagena, Juan José, A.B.,	5	VI	Mayaquez, Porto Rico
Carter, Benjamin Franklin,	7	VI	9 Hawthorne St., Lynn, Mass.
Carter, Charles Jenkins,	8	II	93 Wenham St., Jamaica Plain, Mass.
Carter, Clarence Elmore,	6	I	19 Grand St., Reading, Mass. [Mass.
Carter, Harold Leston,	8		178 Bellingham Ave., Beachmont,
Cary, Burton Wolcott,	8		222 Liberty St., Lowell, Mass.
Caryl, Rodney Clark,	8		Bridgewater, Mass.
Cassidy, Herbert Arthur,	8		71 Winthrop Ave., Wollaston, Mass.
Cassino, Leslie Phelps,	8		7 Stevens St., Peabody, Mass.
Caton, John Hearst, 3d,	8		70 Arnold Ave., Edgewood, R. I.
Caypless, Willis Smith,	6	III	1740 Williams St., Denver, Col.
Cederholm, Anna Margaret,	6	V	65 Marlboro St., Belmont, Mass.
Cenedella, Attilio Horace,	7	I	115 E. Main St., Milford, Mass.
Chace, Franklin Murphy, S.B.G		IV	31 Wales St., Dorchester, Mass.
그 그 그 그 집에 가는 것이 되었다. 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그		XIII	41 Newport St., Dorchester, Mass.
Chadwick John Patter & K		III	138 Main St., Saco, Maine
Chadwick, John Patten, Φ K Σ ,	7	XIII	103 Oak St., New Bedford, Mass.
Chadwick, Louis Robinson,	100		109 Pearl St., Somerville, Mass.
Chaffee, Emory Leon,	7	VIII	
Chandler, Edward,	6	XIII	670 Mass. Ave., Boston, Mass.
Chandler, Fred Worthington,		XIII	70 Federal St., Newburyport, Mass.
Chandler, Harry Stuart,	8	377	45 Jacques St., Somerville, Mass.
Chapin, Harry Gardner,	6	XI	20 Congress St., Greenfield, Mass.

Name and Society C	lass	Course	Home Address
Chapman, George Hobart, ATA,	'07	VI	58 Eliot St., Jamaica Plain, Mass.
Charlesworth, Harry Prescott,	5	VI	Hotel Thorndike, Haverhill, Mass.
Chase, Charles Henry,	6	II	15 Westfield St., Dedham, Mass.
Chase, Edwin Kirke,	6	III	1450 Williams St., Denver, Col.
Chase, Eugene Preston,	6	VI	84 Spring St., Portland, Maine
Chase, Edward Sherman,	6	XI	Merrimac, Mass.
Chase, Howard Root,	7	I	41 Boston St., Malden, Mass.
Chen, Ting-tuan,	8		Canton, China
Cheney, Arthur Morton,	6	11	919 Cooper St., Camden, N. J.
Chesterman, Francis John,	5	VI	10 Garden St., Newburyport, Mass.
Chidester, Arthur Mercer,	6	I	2321 Madison Sq., Philadelphia, Pa.
Child, Huntley, Δ Ψ,	8		Helena, Mont.
Chipman, Kenneth Gordon,	7	III	39 Putnam St., West Newton, Mass.
Chivers, Norman Moore, A.B.,	5	I	312 Fourth Ave., New York, N. Y.
Christiansen, Arthur Olaf,	7	III	Beaufort, S. C.
Christiansen, Eugene Olaf,	7	I	15 Dilworth St., Boston, Mass.
Christy, Earl George,	7	XIII	2924 CollingwoodAve, Toledo, Ohio.
Chuchian, Avedis Melkon,	6	·I	Van, Armenia
Chuchian, Sahak Melkon,	8		91 Fifth St., Chelsea, Mass.
Church, Elliott Southworth, Φ Γ Δ	1. 8	II	100 Valentine St., W.Newton, Mass.
Clapp, Charles Horace,		III	18 Atlantic St., South Boston, Mass.
Clapp, Chalmers Stevens,	5 8		169 Boston St., Upham's Cor., Mass.
Clapp, George Allen, Φ Γ Δ,	6	V	503 Walnut St., Newtonville, Mass.
Clapp, Lucy Jenkins,		VII	18 Atlantic St., South Boston, Mass.
Clapp, Prescott Jones,	6	II	169 Boston St., Upham's Cor., Mass.
Clark, Clarence Warner,	8		50 EsmondSt., NewDorchester, Mass.
Clark, Dana Wright,	7	II	23 Summer St., Andover, Mass.
Clark, Guido Roscoe,	7	III	Oregon City, Ore.
Clark, Jesse Redman,	7	II	63 Mt. Vernon St., Boston, Mass.
Clark, Lawrence Addison,	7	II	Pontiac, Ill.
Clark, Milton Stanley, A Y,	8		329 East 4th St., Jamestown, N. Y.
Clark, Robert Keep, A.B., A K	E,5	II	460 Dearborn Ave., Chicago, Ill.
Clark, Robert Sidney,	6	XIII	Derry, N. H.
Clarke, Lewis Cutler, Jr., B.S.,	G	IV	264 Green St., Cambridge, Mass.
Clarke, Ralph Scudder,	6	VI	35 Rockwell St., New Dorchester,
Clarke, Walter Ayer,	5	XIII	15 Everett St., Biddeford, Me. [Mass.
Clarke, William Dexter,	5	I	388 Fifth St., Portland, Ore.
Clatur, George Albert,	8		52 Dennis St., Roxbury, Mass.
Clifford, Walter Baker,	6	II	94 Summer St., Fitchburg, Mass.
Cline, Max,	5	V	139 Leverett St., Boston, Mass.
Clough, Leslie,	5	II	23 Avon St., Wakefield, Mass.
Cochrane, Clifford Nelson,	8		63HowardSt., Melrose Hglds., Mass.
Coe, Maxwell A., Φ B E,	6	11	43 Ashland St., Medford, Mass.
Coes, Harold Vinton Otis,	6	II	64 Harvey St., Germantown, Pa.

Name and Society	Class	Course	Home Address
Coey, Stewart Clark, A E,	'06	VI	156 Broad St., Newark, N. J.
Coffin, Charles Wolston, A K E	, 7	I	103 Francis St., Boston, Mass.
Coffin, Edward May,		X	102 High St., Newburyport, Mass.
Coffin, Langdon, ∑ A E,	5 8		144 Bellevue St., Newton, Mass.
Coffin, William Balch, A.B.,		IV	433 Walnut St., Brookline, Mass.
Cohen, Abraham Saul,	7 8		250 Chambers St., Boston, Mass.
Cohen, Simeon,	6	V	6 Margaret St., Boston, Mass.
Cole, Frederick Arthur,	8		123 Floral St., Newton Hglds., Mass.
Cole, Herbert Asa, Jr.	8		34 Pearl St., Somerville, Mass.
Cole, Marcus Johnson, Δ T Δ,	8		161 School St., Lowell, Mass.
Cole, Sidney Lovett, A E,	5	II	13 Lincoln St., E. Somerville, Mass.
Coleman, George Stephen,	8		84 Spencer St., New Dorch'ter, Mass.
Coleman, Nathaniel Lindell,	8		72 Perkins St., West Newton, Mass.
Collins, Le Seur Thornton,	8		17 Pine St., Hyde Park, Mass.
Collins, Richard Carter,	8		97 Dexter St., Malden, Mass.
Collins, Richard Vincent,	5	I	Medway, Mass.
Colson, Chester Simmons,	8		15 Bow St., Beverly, Mass.
Colvin, Percy Johnson,	7	IV	1 Jackson St., Worcester, Mass.
Conover, John Woodhull, A.B.,		II	Norfolk, Va.
Cook, Alton Mace,	8		Hyannis, Mass. [Mass.
Cook, Harry Hall,	6	II	27 Lamartine St., Jamaica Plain,
Cooper, Edgar Bailey, Φ B E,	5	II	4 Akron St., Roxbury, Mass.
Cotter, Charles Sylvester,	8		St. Ann's Bay, Jamaica, B. W. I.
Coupal, Joseph Samuel,	7	III	821 E. Fourth St., S. Boston, Mass.
Couper, William, K A,	6	I	121 Boush St., Norfolk, Va.
Cowdrey, Irving Henry,	5	II	33 Goodrich St., Fitchburg, Mass.
Cowen, Everett Russell,	7	I	11 Cooke St., Fairhaven, Mass.
Cowper, Howard Montgomery,	5	III	453 Richmond Ave., Buffalo, N. Y.
Cram, Frederick Sutherland,	8		83 Federal St., Brunswick, Maine
Crane, George Arthur,	7	I	13 Charles St., Taunton, Mass.
Crane, Harold Gilliland, Ф∑K,	5 8	VI	40 Front St., Adrian, Mich.
Crane, Russell Gilbert,	8	IV	16 Second St., Taunton, Mass.
Cranston, Raymond Earl,	6	II	305 Dudley St., Providence, R. I.
Creidenberg, Julius,	7	VII	74 Barton St., Boston, Mass.
Critchlow, Paul Nisbet,	6	I	506 15th Ave., New Brighton, Pa.
Crohurst, Harry Rounseville,	7	XI	88 West Newton St., Boston, Mass.
Crosby, Gorham,	5	VIII	Centreville, Mass.
Crosby, Ralph Haskell,	7	VI	Wakefield, Mass.
Crowell, William Hamblin,	5	IV	64 Chandler St., Boston, Mass.
Cullimore, Allan Reginald,	7	I	Belmont, Cal.
Cummings, Paul L.,	7	IV	41 Atlantic Ave., Fitchburg, Mass.
Curl, Charles Matthew,	6	XIII	74 Centre St., Concord, N. H.
Curran, John Frank,	8		Pond St., Nahant, Mass.
Curtis, Carroll Cary, ⊕ Ξ,	5	IX	5 Beals St., Brookline, Mass.

Name and Society	Class	Course	Home Address
Cushing, Richard Watson,	'05		Cohasset, Mass.
Cushman, Robert Ellis,	6	II	Kingston, Mass.
Cutting, Robert Curtis,	5	II	Weston, Mass.
Daly, John Charles, Jr., X X		III	47 Townsend St., Roxbury, Mass.
Daley, Mitchell Joseph,	5 8		69 Maple St., Marlboro, Mass.
Damon, John Churchill,	5	VI	Concord, Mass.
Danforth, Carl Eugene,	5	III	98 Cumberland St., Bangor, Maine
Daniels, Joseph,	5	III	1342 Washington St., Boston, Mass.
Darling, Henry Everett, ⊕ Ξ,	6	III	Danvers, Mass.
Darling, Maude Frances,	7	IV	59 Highland Place, Fall River, Mass.
Darling, Philip G., A.B., Φ B E,	5	II	158 Central St., Somerville, Mass.
Davenport, George Lyman, Jr.,	6	I	Cohasset, Mass.
Davenport, Llewellyn Dana, A E,	7	I	Hanover, Mass. [Kan.
Davidson, Stephen Lock,		I	1326 N. Lawrence Ave., Wichita,
Davidson, William Parberry,	7 8		522 N. Rodney St., Helena, Mont.
Davis, David Cady,	6	VI	Ludlow, Mass.
Davis, John Allen,	7	III	Nantucket, Mass.
Davis, Leon Howe,	6	I	Somerset, Mass.
Davis, Myron Mathews,	8		18 Summer St., Augusta, Maine
Davis, Roland Parker,	6	I	215 Elliot St., Beverly, Mass.
Davis, Roswell,	5	XIII	185 Temple St., West Newton, Mass.
Davis, Waldo Frank,	8		171 Boardman St., N'buryport, Mass.
Davol, Walter Dodge, A E,	6	VI	40 Winthrop St., Charlestown, Mass.
Day, Herbert Winch,	7	II	Rockford, Ill.
Dean, Arthur Malcolm,	- 5	II	Canton, Mass.
Dean, Arnold Truman,	8		78 Winthrop St., Taunton, Mass.
Dean, Carroll Sisson,	7	VI	Waverly, Pa.
Dean, Charles Lake, Φ Σ K,	5	III	Maple Ave., Edgewood Park, Pa.
Dean, Henry Lawrence,	5	XIII	Canton, Mass.
Dean, Herbert Welton,	6	VI	63 Highland Ave., Cambridge, Mass.
Deavitt, William Jefferson,	6	III	11 Baldwin St., Montpelier, Vt.
Decary, Louis Joseph T.,	5	IV	St. Jerome, Quebec, Canada
Defren, George, S.B., S.M.,	G	V	4 Marlboro St., Boston, Mass.
Delano, Ward Parker, Jr.,	5	IV	18 Channing St., Worcester, Mass.
De Loach, John Keller,	8	-	Atlanta, Ga.
De Mallie, James M., Ph.B., A &		VI	9 Cambridge St., Rochester, N. Y.
Dempwolf, Frederick Greiman,		IV	York, Pa.
Denmark, Clayton Rhay,	7	II	Quitman, Ga.
Denny, Maurice Edward, X Φ,	8		Cardross, Scotland
De Steiguer, Walter, $\Phi \Gamma \Delta$,	6	III	Cameron, Mo.
De Veyra, Martin Pedro, Jr.,	8		Palo Leyte, Philippine Islands
Devlin, Leo,	6	IV	618 Baker St., San Francisco, Cal.
Dexter, Gregory Mumford,	8	***	14 E. Manning St., Providence, R.I.
Dickie, John Frederick,	6	III	226 Windsor St., Cambridge, Mass.

Name and Society		Course	Home Address
Dickinson, Dwight, Jr.,	'08		1806 R St., N.W., Washington, D.C.
Dickinson, Leon Arthur,	7		45 Partridge Ave., Somerville, Mass.
Dill, Colby, A.B., Φ B E,	6		460 Commonwealth Av., N'tonC'tre,
Disque, Kenneth Hulbert, $\Delta \Psi$,			238 W. 10th St., Erie, Pa. [Mass.
Dissel, Theodore Augustine, ∆ K	E, 6	II	701 James St., Syracuse, N. Y.
Dodge, Perley Kennison,	6		24 Federal St., Beverly, Mass.
Dodge, Parker Van Patten,	7	II	134 B St., N. E., Washington, D. C.
Dolke, William Frederic,	8		3 Winthrop Terrace, Brookline, Mass.
Donaldson, John, X X,	7	III	21 Groveland Terrace, Minneapolis,
Donnelly, Richard G.A., Jr., ΦK	S, 7	VI	Trenton, N. J. Minn.
Donnewald, Albert H., A.B., A	Y, 7	- III	3709 Finney Ave., St. Louis, Mo.
Donovan, John Joseph,	6	IV	34 Sargent St., N. Andover, Mass.
Dorsey, Thomas Francis,	6	I	93 Clarkson St., Dorchester, Mass.
Doucette, Ellis John,	7	VI	North Wilmington, Mass.
Douglas, John F. H.,	5	VI	Bucksport, Maine
Douglass, Arthur Sylvester,	8		Auburndale, Mass.
Dows, Amos Hovey,	8		136 Smith St., Lowell, Mass.
Drake, Raymond Edward,	8		75 Glenwood Ave., Brockton, Mass.
Draper, Clifton Nathan,	7	V	108 River Ave., Norwich, Conn.
Draper, Harry Reed,	7	I	Ayer, Mass.
Dubois, Gustavo A.,	7	I	Matanzas, Cuba
Duke, Allan Hobart,	7 8		19 Bartlett Crescent, Brookline, Mass.
Dun, Henry Walke, Jr., Δ Ψ,	8		174 Chestnut St., Albany, N. Y.
Duncan, Harold Stephen,	7	III	90 WaltonPk., Melrose Hglds., Mass.
Dunn, Hugh Dacre,	6	III	Denver, Col.
Dunn, John Franklin, B.S.,		VI	1529 Eutaw Place, Baltimore, Md.
Dwight, John Francis, Jr.,	5 8		25 Algonquin St., Dorchester, Mass.
Dwight, Joseph,	6	IV	Nahant, Mass.
Dyer, Ralph Leighton,	7	XIII	11 Grove St., Winchester, Mass.
Eadie, John Charles,	5	VI	Glasgow, Scotland
Eames, David Darby,	6	II	45 Hollis St., S. Framingham, Mass.
Eames, Herbert Seton,	8		39 Lincoln St., S. Framingham, Mass.
Earle, Frederic Edward,	6	II	8 Downer Ct., Dorchester, Mass.
Eaton, Charles Albert,		II	62 Taylor St., Waltham, Mass.
Eaton, Frederick Malcolm,	7	v	45 Charlotte St., Dorchester, Mass.
Eaton, Warren Moseley,	5		40 Appleton St., Waltham, Mass.
Eddy, Harold Clinton,	7	III	1160 York St., Denver, Col.
	/	I	
Edes, Edward Louis,	5 8	v	Bolton, Mass.
Edge, Alan Francis,	8	v	79 Milton St., Readville, Mass.
Edmonds, Charles Ashton,		371	156 Woodland St., Lawrence, Mass.
Edmunds, Howard Maurice,	5	VII	London, England
Edwards, Carl Francis,		XIII	Santa Barbara, Cal.
Egan, Seymour Joseph,	7	XIII	223 Seymour St., Syracuse, N. Y.
Eichler, Walter Gottfried,	5	II	6 Greenheys St., Roxbury, Mass.

Name and Society	Class	Course	Home Address
Eisele, Herman,	'05	XIII	7 Belvidere St., Cleveland, Ohio.
Elder, Flint Cummings,	7	V	52 Maple St., Malden, Mass.
Eliot, Edward Munroe,	6	VI	5468 Maple Ave., St. Louis, Mo.
Elliott, Frank Spencer, Δ T Δ,	5	III	3 Commonw'th Av., Glouc'ter, Mass.
Ellis, Alexander, Jr., Φ K Σ,	8		30 Ellsworth Ave., Cambridge, Mass.
Ellis, Herbert Aloysius,	8		473 Meridian St., East Boston, Mass.
Ellis, Leslie Burton,	8		34 Essex St., Melrose, Mass.
Ellsworth, John Thayer,	8		Peterboro, N. H.
Elton, Herbert Charles,	8		105 King St., Dorchester, Mass.
Emerson, Carleton Murray,	6	II	Braintree, Mass.
Emerson, Charles A., Jr., B.S., X		XI	736 Church St., Beloit, Wis.
Emerson, Ralph Dammarell,	5	IV	6 Paine St., Worcester, Mass.
Emery, Albert Gordon,	8	-50	5 Dilworth St., Boston, Mass.
Emery, Quincy Pierce, Φ Γ Δ,	7	XIII	452 Columbia Rd., Dorchester, Mass.
Emilio, Shepard Gilbert,	7	III	5 Oliver St., Salem, Mass.
Englis, William Franklin, Φ B		XIII	327 West 86th St., New York City
Esten, Paul Albert,	8		101 Evans St., New Dorch'ter, Mass.
Estes, Philip Sidney, A.B.		VI	Englewood Ave., Brookline, Mass.
Evans, Edward Burrowes,	6	IV	116 Cedar St., Malden, Mass.
Evans, Ernest Cleveland,	6	II	277 Princeton St., E. Boston, Mass.
Evans, John, X Φ,	7	VI	1300 South 14th St., Denver, Col.
Everett, Wilbur,	8		Georgetown, Mass.
Fabens, Andrew Lawrie,	8		18 Chestnut St., Salem, Mass.
Faber, Thomas William,	6	II	128 Trenton St., E. Boston, Mass.
Fales, Otis Gerry,	7	II	39 Circuit St., Roxbury, Mass.
Fallon, John Tiernan, Jr., OK X		IV	351 West King St., York, Pa.
Fallon, Nugent, Φ B E,	6	I	489 Walnut Ave., Jamaica Pl., Mass.
Fanning, Paul Revere,	8		134 St. Mary's St., Boston, Mass.
Farley, William Frederick,	6	I	Lincoln St., Waltham, Mass.
Farnsworth, Frank Calvin,	6	IV	Canton Junction, Mass.
Farrington, Harold Phillips, ΦK	Σ, 7	I	Bellevue St., West Roxbury, Mass.
Farrington, Robert Douglas, Φ K		II	Bellevue St., West Roxbury, Mass.
Farwell, Carroll Andrew,	6	I	Ponkapoag, Mass.
Faxon, Harold Cushing,	8		Braintree, Mass.
Feemster, Joseph Hall, Jr., ∑ A	E, 6	VI	Glendale, Ohio
Fellows, John Hibbard, B.S., B @		II	Tilton, N. H.
Fenner, James Howland,	6	VI	421 Friendship St., Providence, R.I.
Fenollosa, Brenda,	7	IV	Riverbank Court, Cambridge, Mass.
Fernald, Paul Edmunds,	8		Wilmette, Ill.
Ferrandi, Amedeo Louis Sylveste	er, 8		21 Rand St., Roxbury, Mass.
Ferris, Raymond West,	8		126 Windsor Road, Waban, Mass.
Ferry, Lewis Kinsley,	8		88 Elizabeth St., Pittsfield, Mass.
Field, Charles 3d, B.S.	G	V	57 Waban Hill Rd., Newton Centre,
Field, Joseph Conrow, C.E.	5	VI	Hightstown, N. J. [Mass.

Name and Society	Class	Course	Home Address
Files, True Herbert,	'05	I	14 Chestnut St., Everett, Mass.
Fisher, Andrew, Jr.,	6	X	180 E. River St., Hyde Park, Mass.
Fisher, Charles Willis, Jr.	6		Chevy Chase, Md.
Flaherty, Herbert William,	8		Cheshire, Mass.
Fletcher, Herbert Lawrence,	7	VI	57 Abbott St., Lawrence, Mass.
Flynn, John Henry, Jr.	5	II	31 Marcella St., Roxbury, Mass.
Fogarty, William Bailey,	Ğ		Cincinnati, Ohio
Foland, Harry Stevens, E.E.	5	VI	Addison, Steuben Co., N. Y.
Foley, Leonard Harding,		II	52 West Central St., Natick, Mass.
Folsom, Robert Morse, A T A,	5 5 8	X	30 Esmond St., Dorchester, Mass.
Folsom, William Cumner,	8		95 Sewall Woods Rd., Melrose H'ds,
Foote, Frances Eliot,		VII	Westland Ave., Boston, Mass. [Mass.
Ford, Winthrop Drew,	7 8		Kingston, Mass.
Forsyth, Ralph Kay,	6	XIII	41 Pearl St., Kingston, N. Y.
Foss, Marion Henry,	8		4625 Lake Ave., Chicago, Ill.
Fottler, Jacob Alger,	8		62 Alden St., Brockton, Mass.
Fouly, James Francis,	5	I	21 Wall St., Charlestown, Mass.
Foulds, Roberts Shepherd,	5	IV	225 High St., Taunton, Mass.
Frame, Harry Allan,	6	III	Halifax, Nova Scotia
Frank, Edwin, D.A.,	6	II	2300 Grand Ave., Milwaukee, Wis.
Frank, John Mayer,	7	VI	310 North Pearl St., Natchez, Miss.
Franks, Fred Lester,	8	VI	Medfield, Mass.
Frazee, John Clifford, A.B.,	6	V	Sac City, Iowa
Frederick, Paul,	7	VI	376 Newbury St., Boston, Mass.
Freedman, Louis Arthur,	7	II	135 West 86th St., New York City
Freeman, Arthur Emery, A E,	5	II	14 Court St., Arlington, Mass.
Freethy, George Edwards,	5 8		65 Church St., Winchester, Mass.
French, Hobert Ward,	8		35 Cottage St., Chelsea, Mass.
Friedman, Ferdinand J.,	8		16 East 92d St., New York City
Friend, Frank Waldo,	6	IV	Duxbury, Mass.
Fuller, Archibald Prescott,	7	I	East Milton, Mass.
Fuller, Edwin Sherman,	7	I	Cheever St., Mattapan, Mass.
Fuller, Floid Merrill,	6	II	920 Electric St., Scranton, Pa.
Fuller, George,	6	I	83 Adams St., Rochester, N. Y.
Fuller, Percy Wheaton,	7	II	29 Ditson St., Dorchester, Mass.
Funk, George Charles,	5	IV	31 Station St., Brookline, Mass.
Furer, Julius Augustus, X Φ,	G	XIII A	1539 S. 13th St., Sheyboygan, Wis.
Furer, William Charles,	6	IV	Sheboygan, Wis.
Furness, George Choate, Φ Σ K	, 6	VIII	220 Ash St., Manchester, N. H.
Gabriel, Harry Richard,	5	I	2454 West 6th St., Cincinnati, Ohio
Gage, Clarence Edward,	5	II	8 Sherman Place, Woburn, Mass.
Gale, Roger David,	7	V	6 Franklin Sq., Gloucester, Mass.
Gale, Roy Fellows,	5	VI	Pittsfield, Mass.
Gallup, Harry Wallace,	5	V	186 Laurel HillAve., Norwich, Conn.

Name and Society Cla	iss	Course	Home Address
Gambrill, George Thomas, Jr., 'c	7	III	Laurel, Md. [Mass.
Gammons, Clifford Warren,	7	VI	1290 Washington St., West Newton,
Gammons, Herman Trafton,	5	II	43 Forest St., Middleboro, Mass.
Gardner, Arthur Livermore,	8		85 Pleasant St., Wakefield, Mass.
Gardner, Chester Warren,	7	VI	13 Warren St., Peabody, Mass.
Gardner, Robert Sherman,	5	XIII	Bulkeley Sq., New London, Conn.
Garratt, James Ernest,	7	I	135 Oxford St., N. Cambridge, Mass.
Gasquet, Fernand Vaughan,	5	VI	2511 St. Charles Ave., New Orleans,
Gates, Warren Austin,	7	IV	Coxsackie, N. Y. [La.
Gatewood, Richard Duncan,	5		405 Marlborough St., Boston, Mass.
Gaylord, William Waterman,	6	II	Torringford, Conn.
Geckler, Burton Edward,	5	IV	229 North Main St., Orange, Mass.
Genoud, Ernest George,	8		4181 Wash. St., Roslindale, Mass.
Geraghty, Thomas Francis, A.B.	5	III	464 Elm St., Chicago, Ill.
Gerould, Leonard Stinson,	8		Hollis, N. H.
Gerhard, Norman Paul,		I	39 Strong Place, Brooklyn, N. Y.
Gerrish, Herbert Thurston,	58		20 Farwell St., Melrose Hglds., Mass.
Gerry, Arthur Peterson, Δ T Δ ,	5	II	Franklin Falls, N. H.
Gerry, William Franklin,	6	II	Lynnfield Centre, Mass.
Gibbons, Charles A., Jr.,	8		33 Plain St., Taunton, Mass.
Gibbons, Michael Joseph, Jr.	6	VI	239 North Main St., Dayton, Ohio
Gifford, Ralph Staples,	5	v	560 County St., New Bedford, Mass.
Gilbert, Albert Champion, B.Agr.		v	Gilead, Conn.
Gilkison, Gordon Mercer, S A E,	5 8		Waldorf Hotel, Hamilton, Ontario
		V	3014 Wells St., Milwaukee, Wis.
Gillett, Walter Kirkland, B.S.,	5	II	North Abington, Mass.
Gilman, Wesley Clifton,	5	I	Riverbank Court, Cambridge, Mass.
Gilmer, Jay T., B.S.,	c	I	Riverbank Court, Cambridge, Mass.
Gilmer, Thornton Meriwether, XX.		X	167 Howard St., Lowell, Mass.
Gilmore, Luther Elmer,	5	Λ	20 Glebe St., Leicester, England
Gimson, Basil Lovibond, Φ B E,	-	371	
Ginsburg, Henry Abraham,	6		19 Clinton St., Cambridge, Mass.
Given, William Barns, Jr., XΦ,	8		Columbia, Pa. [Mass.
Gladding, James Nickerson,	6		1107 Plymouth Ave., Fall River,
Glidden, John Tinker, A T A,	5 8	III	9 Ashton Place, Cambridge, Mass.
Glover, George Thumel,			Grand Island, Neb.
Godfrey, Stuart Chapin,	7 8	IV	17 Court St., Milford, Mass.
Golder, Otho Lewis,			121 Webster St., Malden, Mass. [La.
Goldstein, Moise Herbert, S.B.,	G		1736 St. Charles Ave., New Orleans,
Goldthwait, Fred Warren,	5	II	115 Central St., Peabody, Mass.
Goldthwaite, Carl Edward,			115 Central St., Peabody, Mass.
Gómez, José,	8		Iloilo, Philippine Islands
Gonder, Walter B.,	7	V	Strasburg, Pa.
Goodale, Arthur Howland, $\Phi \Gamma \Delta$, Goode, Francis Collier,	8		10 Carruth St., New Dorchester, Mass. 144 Hemenway St., Boston, Mass.

Name and Sanlatu	Warner.		
Goodnow, Frank Edward, @ X,	lass	VI	Home Address
Gordon, Louis,	0/	* 1	Forest Park, Adams, Mass.
Gouinlock, William Strachan, ΦΣ	v ~	III	6 Orchardale St., Dorchester, Mass.
	4,5		Warsaw, N. Y. [Mass.
Gould, Gardner Sabin,	7	I	1206Boylston St., N'wt'nUpperFalls,
Græsser, Carl Herman, ∑ A E,	5	II	951 Lafayette Ave., Buffalo, N. Y.
Graham, Edwin Smith, B.S.,	5	III	Graham, Texas.
Graham, Errett McLeod, B.S.,	5	I	Irvington, Ind.
Grant, Edward Chester, AKE,	5	XIII	520 Greenup St., Covington, Ky.
Grant, James Douglas, Jr., M.A.		377	New Orleans, La.
Greeley, Samuel Arnold, A.B., ΦΒ		XI	Winnetka, Ill.
Green, Theodore,	5	I	216 E. St. Joseph St., Louisville, Ky.
Green, William, ∑ A E,	6	VI	157 Bleecker St., Gloversville, N. Y.
Greenburg, Max Abraham,	7	III	14 Decatur St., Boston, Mass.
Greene, Albert Edwards,	7	VIII	Pueblo, Col.
Greenwood, Phil Prescott,	7	VI	18 Upham St., Malden, Mass.
Gregory, Newman Ballard,	8		802 Wall St., Joplin, Mo.
Gregson, Robert Burton,	6	II	Fiskdale, Mass. [D.C.
Griffin, George Appleton,	7	I	2007 Kalorama Ave., Washington,
Griffin, James Edwin, A E,	6	I	130 Temple St., West Newton, Mass.
Griffin, Perley Kimball,	6	II	180 Walnut St., Neponset, Mass.
Griffin, Wheaton Ira, Δ K E,	7	I	3 West St., Utica, N. Y.
Grimes, William Francis, Jr.	8		Belmont, Mass.
Griswold, Harold Wiley,	8		95 Huntington Ave., Hartford, Conn.
Groesbeck, Edward Center,	6	V	313 State St., Albany, N. Y.
Groover, Francis Bartow, B.S.,	7	I	Statesboro, Ga.
Grübnau, Victor Carl,	8		Wyncote, Pa.
Guerin, Harry Joseph,	5	I	25 Dalton St., Boston, Mass.
Guernsey, George Rockwell,	6	I	27 Eaton St., Winchester, Mass.
Guest, Frederick Bertine, X Φ,	6	XIII	59 Lafayette St., New Rochelle, N.Y.
Guibord, Fred Willis,	.5	V	Plattsburgh, N. Y.
Guilford, Irving Morse,	8		West Cheshire, Conn.
Gunn, Thomas McC., M.A.,	5	XIII	Mission, Wash.
Gunn, Selskar,	5	VII	London, England
Gupta, Birendra Chandra,	6	VI	Calcutta, India
Gurney, Harold Peaslee,	8		196 Trenton St., East Boston, Mass.
Haas, Ludwig F. C., ⊕ ,	8		41 East Orange St., Lancaster, Pa.
Hadley, Ralph Edgar,		I	958 Essex St., Lawrence, Mass.
Hale, Annie Pierce,	7	VII	Chestnut Hill Ave., Brookline, Mass.
Hale, James Ellis,	5 7 8		112 Oak St., Manchester, N. H.
Hale, Joseph W. L.,	8		20 Marlborough St., Newb'rt, Mass.
Hale, Mary Dean,	8	VII	Chestnut Hill Ave., Brookline, Mass.
Hale, Philip Jewett,	8		1433 Downing Ave., Denver, Col.
Haley, John Francis,	6	I	50 Blossom St., Lowell, Mass.
Hall, Breed, A.B.,	7	VII	North Pembroke, Mass.
	4.		

		Course	Home Address
Hall, Carl Albe,	'08		32 Merrimack St., Concord, N. H.
Hall, Edwin Rymes,	8	VIII A	182 Summer St., Somerville, Mass.
Hall, Frank David, ΣΦ,			217 E. Jones St., Milford, Ill.
Hall, Harry Rutledge,	7	1	770 Broadway, South Boston, Mass.
Hall, Melville Beardslee, ΦΣK			5890 Cates Ave., St. Louis, Mo.
Hall, Ralph Nickerson, $\Phi \Gamma \Delta$,	7		Milton, Mass. [Mich.
Hall, Sherwood, Jr.,	8		250 S. Lafayette St., Grand Rapids,
Hall, Wallace Ralph,	6	I	127 Winchester St., Newton Hglds.,
Hallett, Lucius Felt, X Φ,	7	VI	900 Logan Ave., Denver, Col. [Mass.
Hallowell, Henry Bartlett,	6	111	School St., Belmont, Mass.
Hamill, Edward-William, A.B.	, 7	IV	Belleville, Ill.
Hamilton, Albert Scott,	7	VIII	Eliot St., Milton, Mass.
Hamilton, Charles Browning,	7	VI	1679 Mass. Ave., Cambridge, Mass.
Hamilton, Charles Eaton,	6	VI.	50 Monument Sq., Charl'st' wn, Mass.
Hamilton, Frank Edverse,	7	VI	471 Marshall St., Milwaukee, Wis.
Hamilton, Frank Sidney,	7	III	South Blue Hill, Maine
Hamilton, Robert Stavely, X Φ,	5	III	Helena, Mont.
Hammarberg, Axel, $\Phi \Gamma \Delta$,		III	Gothenburg, Sweden
Hammett, Louis Wilbar,	5 8	IX	3 Tyler St., Newport, R. I.
Hammond, James Clement,			3 S. Fairview St., Roslindale, Mass.
Hammond, Nelson Simpson,	8		Butte, Mont.
Hammond, Newton Le Roy,	8		15 Highland Pk, Newtonville, Mass.
Hamner, Edward C., Jr., A T	1, 6		1007 Floyd St., Lynchburg, Va.
Hampton, Lawrence Charles,	7	III	Hollywood, Los Angeles Co., Cal.
Handy, Percy Lawson,	8		75 Bloomfield St., New Dorchester,
Hanford, Jesse W. G.,	7	II	Santa Barbara, Cal. [Mass.
Hanington, Thomas Ross,	8		119 Union St., St. John, N. B.
Hanson, Carl Emil, A.B.,	6	II	Marquette, Kan.
Harding, Reynold Munroe,	5	I	42 Youle St., Melrose, Mass.
Hardy, Henry Lewis,	6	I	201 Walnut St., Manchester, N. H.
Hardy, William Abbott, ⊗ X,	6	II	17 Maple Ave., Andover, Mass.
Harlow, John Brayton, Φ Σ K,	7	VI	St. Louis, Mo.
Harrah, Ernest, Φ B E,	5 8	11	27 East 64th St., New York, N. Y.
Harriman, Daniel Francis,			West Boxford, Mass.
Harrington, Clinton Oakley,	5	I	Vinton, Iowa
Harrington, Elmer Ellsworth,	6	III	167 Maple St., Malden, Mass.
Harrington, Willis Fleming, A.I	3., 5	X	Farmington, Del.
Harris, Nathaniel,	. 53		297 Fargo Ave., Buffalo, N. Y.
Harrison, Jerome Gabriel, B.S.		IV	College Station, Texas [Mass.
Hart, Harold Pillsbury,	6	III	110 Franklin St., S. Framingham,
Hartwell, Arthur Edward,	7	II	1217 Webster Ave., Houston, Texas
Harvey, Harold Brown,	5	VI	Lynnfield, Mass.
Harvey, Herbert Winthrop,	6		Haverhill, Mass.
Harwood, Julian H. H.,	8		Marion, Mass.

Name and Society Cl	066	Course	Home Address
Hasbrouck, Frank Flinn, A.M.,	G		Peoria, Ill.
Haskell, Raymond S. M.,	G	120	Indianapolis, Ind.
	08		Claremont, N. H.
Hastings, Arthur Henry, $\Delta T \Delta$,	8		591 Chestnut St., Meadville, Pa.
Hastings, Hudson Bridge,		I	Walpole, N. H.
Hastings, Warren,	7	III	Lancaster, N. H.
Hatch, Samuel Frink,	8	II	Greenland, N. H.
Hathaway, Joseph Wood,	8	**	17 Prospect St., Middleboro, Mass.
Hawkes, Charles Whitney,	6	II	15 Euclid St., New Dorchester, Mass.
Hayden, Ralph,		III	14 Bowdoin St., Cambridge, Mass.
Hayes, James, Jr.,	5	I	404 Main St., Brockton, Mass.
Hayes, Lawrence Warner,	6	II	46 William St., Cambridge, Mass.
Hayward, Marden Warner,	6	III	233 Goffe St., Quincy, Mass.
Hazard, Allen Edgar,	8	***	25 Thompson St., Hyde Park, Mass.
Heath, Arnold Winchester,	8		71 Harvard Ave., Allston, Mass.
Heckman, Alfred Raymond,	6	V	Hyatt Ave., Bradford, Mass.
Hedge, Lafayette Boyd,	8	,	Citronelle, Ala.
Heilman, William Roy, Φ B E,	8		1105 South 2d St., Evansville, Ind.
Heimer, Paul Harold,	8		498 Norfolk St., Mattapan, Mass.
Helpern, Myron,	5	V	45 La Grange St., Boston, Mass.
Hemphill, Albert Weimer, ∑ A E,		II	Haverford, Pa.
Henderson, George Mitchell, A E,		III	North Duxbury, Mass.
Henderson, Leroy Porter,	6	II	65 Dodge St., Beverly, Mass. [go,Ill.
Henius, Emil Theodore, $\Delta \Sigma \Phi$,	6	v	2576Magnolia Av., Edgew'ter, Chica-
Henrici, Hermann Charles,	6	п	1013 Park Ave., Kansas City, Mo.
Henry, Sidney Morgan, X Φ,	G		Navy Dept., Washington, D. C.
Hersey, Ira Grover, Jr.,	8		Hingham, Mass.
Hersey, Mayo Dyer,	8		1327 Gaylord St., Denver, Col.
Hertz, Alfred William,	6	IV	2121 Benton Blvd., Kansas City, Mo.
Heuter, Royal Robbins,	6	II	130 Ash St., Waltham, Mass.
Heydon, Joseph Kentigern,∑AE,		v	Sydney, Australia
Heywood, Angelo Tilton,	7	III	88 Gainsborough St., Boston, Mass.
Hicks, Alexander, $\Delta \Sigma \Phi$,	6	II	98 Hillman St., New Bedford, Mass.
Hill, Edwin Bruce, X Φ ,	5	IX	Pittsburg, Pa.
Higgins, Edward Leander,	5	VI	Bar Harbor, Maine
Hill, Edgar Logan,	6	II	305 Kickapoo St., Lincoln, Ill.
Hill, Herbert Wight,		XIII	22 Clarendon St., Springfield, Mass.
Hill, Percy Granville,	7	II	Wallingford, Conn.
Hinckley, Arthur Thacher,	5	11	16 Sherwood St., Roslindale, Mass.
		VI	254 School St., Somerville, Mass.
Hinckley, James Phillips, Hinckley, Thomas Leslie,	7	XI	745 Osceola Ave., St. Paul, Minn.
Hinkley, Philip Edward, $\Delta K E$,		II	57 Deering St., Portland, Maine
Hirt, Leon Edwin,	5	III	666 West End Ave., New York, N.Y.
Hixon, Harold Garfield, ∑ A E,		III	1182 S. Logan Ave., Denver, Col.
TILLON, TIAION GATHER, A A E,	5	111	1102 G. Logan Tive., Denver, Con-

Name and Society Clas	5	Course	Home Address
Hobson, George Foster, Δ T Δ, 'o	6	I	26 Hanks St., Lowell, Mass.
	6	IV	434 Mass. Ave., Boston, Mass. [Ind.
Holliday, John Hampden, Jr., X Φ,	5	II	1121 N. Meridian St., Indianapolis,
	6	VIII	2164 Couler Ave., Dubuque, Iowa
	8		120 Graham St., Gardner, Mass.
	7	III	Care Navy Dept., Washington, D. C.
	5	III	216 Main St., Keene, N. H.
Holmes, Thomas Jefferson,	7	VI	46 Everett St., Everett, Mass.
Holmquist, Charles A., B.S., & KE,	6	I	350 Plymouth Ave., Rochester, N.Y.
** . **	7	I	362 Mass. Ave., Arlington, Mass.
	6	IV	63 North 20th St., Portland, Ore.
	8		Farmington, Conn.
	5	I	29 Manchester St., Lawrence, Mass.
Hoole, Henry William,	8		66 Bartlett St., Lowell, Mass.
	7	I	233 Harvard St., Brookline, Mass.
	7	1	1337 Humboldt St., Denver, Col.
	7	VI	Concord, Mass.
	6	V	Billerica, Mass.
	5	I	97 High St., Buffalo, N. Y.
	5	II	3508 Baring St., Philadelphia, Pa.
	6	II	9 Park Place, Portland, Maine
Howe, Clarence Decatur,	7	I	43 Stearns St., Waltham, Mass.
Howe, Leon Daniel,	8		45 Prescott St., Clinton, Mass.
Howe, Robert, A E,	6	VI	236 Bolton St., Marlboro, Mass.
Howland, Arthur Hathaway,	5	IV	105 Gates Ave., Brooklyn, N. Y.
Howland, Harold Howard,	8		Westdale, Mass. [Mass.
Hoxie, Edward Ely,		IV	1665 Centre St., Newton Highlands,
Hudson, Ralph Gorton,	78	VI	175 E. Haverhill St., Lawrence, Mass.
Hudson, Walter Francis,	8		44 High St., Natick, Mass.
Hukill, Emory Gilfillan, X Φ,	7		216 Reed St., South Oil City, Pa.
Hume, Harry Gifford,	8		Butte, Mont.
Humphrey, Carl Thomas,	5	I	431 Middle St., Weymouth, Mass.
	5	IV	50 Chestnut Ave., Waterbury, Conn.
Hunnewell, Mary Peele,	6	VII	Wellesley, Mass.
	6	IV	22 Beckett St., Portland, Maine
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Hunter, William Benjamin,	8		76 Hemman St., Roslindale, Mass.
	5	XIII	18 St. Stephen St., Boston, Mass.
Hurley, Edmund Joseph,	5	11	100 Lebanon St., Malden, Mass.
Hursh, Robert, Φ K Σ,	6	III	186 Upland Rd., N. Cambridge, Mass.
	8		46 Claflin St., Milford, Mass.
	7	VI	South Amherst, Mass.
1 (1) [2] [1 [2] [2] [2] [2] [2] [2] [2] [2] [2] [2]	6	III	Rockland, Mass.
Hyde, Edward Ruddock, ⊕ X,	6	I	38 Pinckney St., Somerville, Mass.

Name and Society	Class	Course	Home Address
Hyde, Russell Taber,	'08	Course	33 Harris St., Waltham, Mass.
Hyde, Stanley Taber,	5	X	33 Harris St., Waltham, Mass.
Iasigi, Oscar Anthony,	8		3 Otis Place, Boston, Mass.
Ingalsbe, Frank Richmond, B.S.		III	Oakfield, N. Y.
Isenberg, Hans Otto Carl,	6	II	Honolulu, H. I.
Jaccard, Frederick Constant,		III	915 E. 29th St., Kansas City, Mo.
Jackson, Henry Louis,	7 5	V	2 Jewett Place, Utica, N. Y.
Jackson, Ralph Hahnemann,	6	VI	335 Centre St., Jamaica Plain, Mass.
Jackson, Ralph T. C.,	6	IV	57 Oak Sq. Ave., Brighton, Mass.
Jacobs, Alfred Henry, S.B.,	G	IV	204 Sansome St., San Francisco, Cal.
Jansson, Arthur Harold,	6	XIII	Mt. Pleasant Ave., Malden, Mass.
Jealous, Arthur Rowney,	7	II	North Vassalboro, Maine
Jerden, Carl Gustave,	8		321 Columbus Ave., Boston, Mass.
Jewett, Thomas Edward,	5	I	61 Hemenway St., Boston, Mass.
Johnson, Bertrand Leroy,	5	III	5 Albemarle St., Boston, Mass.
Johansson, Frederick V. E.,	5	VI	316 Dudley St., Roxbury, Mass.
Johnson, Bert Day, A.B.,	7	X	109 Luzerne Ave., Pittston, Pa.
Johnson, Charles Edward, @ X,	6	II	119 Trenton St., East Boston, Mass.
Johnson, Howard Morris,		I	Toronto, Ontario
Johnson, Joseph Warren,	6	II	30 Sumner St., Dorchester, Mass.
Johnson, Lewis Howes,	8		91 North Main St., Rockland, Me.
Johnston, Charles Wiswell,	5	III	1 Copeland Place, Roxbury, Mass.
Jones, Barry Hayes,	8		73 Hooker Ave., Poughkeepsie, N.Y.
Jones, George Bayard,	5	II	4337 Washington Av., St. Louis, Mo.
Jordan, Robert Rishworth, Δ K E		II	290 Danforth St., Portland, Maine.
Joslin, Garnett Alfred,	8		323 West 28th St., Los Angeles, Cal.
Joslin, Gilman Burt,	5	XIII	46Burroughs St., Jamaica Pl'in, Mass.
Joy, Charles Frederick, Jr.	8		16 Watts St., Chelsea, Mass.
Juengling, Karl Frank,	6	II	477 Dunham Ave., Cleveland, Ohio.
Kahn, Isa Wolfner,	6	VI	Peoria, Ill.
Kales, Francis Henry, A Δ Φ,	6	IV	502 North State St., Chicago, Ill.
Kane, James Allen, ∑ X,	7	IV	Long Green, Md.
Kann, Ralph G.,	7	II	156 Dithridge St., Pittsburg, Pa.
Karch, Ralph James,	7	II	710 Cumberland St., Lebanon, Pa.
Karnan, Warren Winchester,	7	V	38 Arlington St., Hyde Park, Mass.
Kasson, Charles Le Baron,	6	VI	10 Thetford St., Dorchester, Mass.
Kearney, Stephen,	7	XI	312 Market St., Lowell, Mass.
Kedy, Stiles Fraser,	8	II	31 Allston St., Allston, Mass.
Keeler, Warren Irving,	7	VIII	58 Fairview Ave., Malden, Mass.
Keen, William Herbert,	5	V	67 Newhall St., Malden, Mass.
Keith, Henry Hiram Wheaton,	5	XIII	139 North St., New Bedford, Mass.
Keleher, Andrew Hamilton,	6	VI	Washington, D. C.
Kelley, Mark Elbridge,	8	I	15 Beckett St., Peabody, Mass.
Kelley, Ralph Dudley,	6	I	South Yarmouth, Mass.

Name and Society Cla	55	Course	Home Address
Kelly, Edward Francis, 'o		II	30 Boylston St., Jamaica Plain, Mass.
Kendall, Burton Warren, @ X,		VIII	62 Winter St., Gardner, Mass.
Kendall, Harry Cole, B.S.,	5	VI	616 N. Second St., St. Louis, Mo.
Keniston, Carl Winthrop,	8	XI	Plymouth, N. H.
Kennard, Richard Hale,	8	I	98 Main St., Winsted, Conn.
Kennedy, Philip Francis, A.B.,	7	VI	12 Brown Ave., Roslindale, Mass.
Kennedy, Patrick James, Jr., OX,	6	II	464 Maple St., Holyoke, Mass
Kennedy, Roy Guthrie, @ E,	6	II	65 Ashland Ave., Buffalo, N. Y.
Kenway, Herbert Winthrop,	6	II	85 Lombard St., Newton, Mass.
Kerr, William Caruthers,	8	V	Catonsville, Md.
Kershaw, William Ernest,	7	V	215 East Penn St., Philadelphia, Pa.
Key, Howard William,	6	VI	212 West 27th St., Austin, Texas
Keyes, Robert Eugene, Φ Γ Δ,	7	II	91 Newbury St., Boston, Mass.
Kibbey, Rinker, © E,	6	III	Marshfield Hills, Mass.
Kidder, James William, @ X,	6	VI	41 Franklin St., Somerville, Mass.
Kilburn, Ernest Edwin,	8	VI	Waterbury, Conn.
Killion, Louis John,	5	I	49 Crawford St., Roxbury, Mass.
Kimball, John,	7	Î	Easton, Mass.
Kimball, William Francis,	7	VI	Brentwood, Long Island
King, Frederick James,	7 8	II	Abington, Mass.
Kingman, Edward Dyer,	7	I	55 Lincoln St., S. Framingham, Mass.
Kingsbury, Harold Avery,	6	X	26 Pearl St., Westfield, Mass.
Kinnear, John Charles,	6	III	10 Piedmont St., Salem, Mass.
Kinsman, Charles Collins,	8	VI	Decatur, Ill.
Klahr, Charles Dean, B.S., Δ Y,	5	II	Clarion, Pa.
Knapp, William Jared, Δ K E,	6	II	249 E. 49th St., Chicago, Ill.
Knight, Ralph Frank,	7	VI	Hudson, Mass.
Kolatschevsky, André T.,	7	VI	Malta, Europe
Krag, Frederic Schuyler, $\Phi \Gamma \Delta$,	6	II	306 Spruce St., San Francisco, Cal.
Kramer, Henry,	5	I	97 Florence St., Roslindale, Mass.
Kraus, Charles,	3		3/
Kriegsman, Eugene Frederick,	5	I	22 Stanwood St., Providence, R. I.
Kydd, John Angus,	5	V	22 Cuba St., Andover, Mass.
Labbé, Antoine Gilbert, A.B.	7	II	305 12th St., Portland, Ore.
Lackman, Herman William, ∑ X		II	Glendale, Ohio
Lage, Jorge, Σ A E,	6	II	Rio de Janeiro, Brazil
Lalley, William H., ∑ X,	5	XI	1448 Park Ave., Bridgeport, Conn.
Lamb, John Edwin,	6	III	Spencer, Mass.
Lambie, James McClurg, X Φ,			549 E. Chestnut St., Washington, Pa.
Lambirth, Chester Buxton,	5 8	II	34 Wyman St., Jamaica Plain, Mass.
Lamont, Clarence Ronald,	7		22 Holyoke St., Malden, Mass.
Lampie, Abraham,	6		28 Greenwood St., Dorchester, Mass.
Land, Emory Scott,	6		A Gunnison, Col.
Landers, Maurice B.,	5	***	Addison, N. Y.
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Name and Society	Class	Course	Home Address
Lang, Alfred George, Δ T Δ,	'07	III	72 Winthrop St., New Britain, Conn.
Larkin, Thomas,	8		41 Thorndike St., Boston, Mass.
Lasher, Clarence Emmett, @ X,	6	VI	North Adams, Mass.
Lathrop, Walter Harrington,	8		Mystic, Conn.
Lawrence, Edmund Kent,	6		Catonsville, Md.
Lawrence, Waldron Gustine,	7	XIII	34 Sargent St., Dorchester, Mass.
Lawton, Joseph Thomas, Jr., ΦΓ		II	Clifton Av. & 10thSt., Baltimore, Md.
Leary, John Francis,	8	II	r Griffin St., Newburyport, Mass.
Leavell, John H.,	7	III	Temple, Texas
Leavitt, Charles Evans,	5	XIII	Weymouth, Mass.
Lebenbaum, Fred Charles,	7	IV	2775 Clay St., San Francisco, Cal.
Lee, Edward Guild,	7	I	Greenwood, Mass.
Lee, Tsan-Chi, C.E.,	7	XI	Canton, China
Lees, George Cooper,	7 8	II	475 Rivet St., New Bedford, Mass.
Leh, Harold Marcus,	5	II	1006 Walnut St., Allentown, Pa,
Leslie, Bernard Shepard,	8	II	Milton, Mass.
Lewenberg, Harry Lewis,	6	X	40 Linwood St., Roxbury, Mass.
Lewis, Alfred Byram,	7	I	201 W. Cherry St., Shenandoah, Pa.
Lewis, Henry Francis, Δ T Δ,	5	VIII	Toronto, Ontario [York, N. Y.
Lewis, Henry Minton, Jr.	7	III	The Martinique, 56 W. 33d St., New
Lewis, Lily Maud,	Sp.		267 Newbury St., Boston, Mass.
Lewis, Warren Kendall,	5	X	Laurel, Del.
Libbey, Fay Wilmott,	6	III	51 Howard St., Bangor, Maine
Libby, Harold Clifton,	7	I	Littleton, Mass. [Cal.
Lichtenstein, Milton, Δ Σ Φ,	6	IV	24 Montgomery St., San Francisco,
Light, Hunter Ulrich,	6	II	526 Cumberland St., Lebanon, Pa.
Lightner, Milton T., A.B., ΦBE	, 6	II	Highland Park, Ill.
Lincoln, Paul,	6	III	27 Russell St., Malden, Mass.
Lincoln, William Hamilton,	6	I	18 Putnam St., W. Newton, Mass.
Lindsay, Roy Wallace,	7	X	47 Summer St., Andover, Mass.
Lindsly, Ben Edwin, $\Phi \Gamma \Delta$,	.5	III	2718 Forest Ave., Kansas City, Mo.
Line, Frederick Chester,	6	III	50 Rowley St., Rochester, N. Y.
Lines, Edwin Morehouse,	5	VI	21 Washington St., Newark, N. J.
Littig, Charles Ross, ∑ A E,	7	VI	1010 Cathedral St., Baltimore, Md.
Lo, Ting-Yu,	8		Care Chinese Legation, Washington,
Locke, John Harold,	8	VIII	23 Cary Ave., Chelsea, Mass. [D. C.
Logan, Frank,	6	IV	Pierceton, Ind.
Logue, William George,	8		50 Barry St., Dorchester, Mass.
Lombard, Norman, Δ K E,	5	II	1805 Jefferson St., Kansas City, Mo.
Long, Arthur C., B.A., $\Phi \Gamma \Delta$,	- 5	V	Sharon, Mass.
Longley, Arthur Ashleigh,	8	II	135 Elm St., Kalamazoo, Mich.
Loomis, Dan Austin,	6	XIII	727 State St., Springfield, Mass.
Loomis, Lynn Albert,	8	II	727 State St., Springfield, Mass.
Loomis, Warren Weston,	5	VI	Windsor, Conn.

Name and Society	Class	Course	Home Address
Lord, Harold,	'06	IV	30 Auburn St., Malden, Mass.
Lord, Henry Chester, Δ Σ Φ,	7	II	64 Gardiner St., West Lynn, Mass.
Lord, Robert H. W.,	5	X	56 Waverly St., Newton, Mass.
Lorenz, Edward Henry,	5	II	96 Garden St., Hartford, Conn.
Loring, Charles Greely, A.B., X	Φ, 6	IV	8 Otis Place, Boston, Mass.
Loring, Henry Delano, ⊕ X,	6	I	94 Hudson St., Somerville, Mass.
Loughlin, John Sherwood,	5	II	16 Thornley St., Dorchester, Mass.
Lourie, William Isaac,	6	II	30 Allen St., Boston, Mass.
Loutrel, Cyrus Henry, Δ Ψ,	7	XIII	157 Raymond Ave., S. Orange, N.J.
Lovejoy, Roy Fisk, ⊕ E,	5	IX	813 Broadway, Lowell, Mass.
Lowe, Elmo Cameron,	5	IV	226 East 53d St., Chicago, Ill.
Lowe, Ralph Putnam,	7	X	22 Charles St., Fitchburg, Mass.
Luce, Byron Peakes, Δ Σ Φ	7	II	28 Greenville St., Roxbury, Mass.
Luce, Charles Morgan,	Sp.		South Framingham, Mass.
Luce, Robert Francis,	5	I	12 Stevens Pl., Melrose Hglds., Mass.
Lucey, William Sylvester,	7	II	Natick, Mass.
Luehrs, Daniel Michael,	6	XIII	580 Willson Ave., Cleveland, Ohio.
Lufkin, Charles Lewis,	8		12 Sadler St., Gloucester, Mass.
Lum, Elliott, Δ T Δ,	5	VI	Aberdeen, S. Dak.
Lumbert, William James,	7	I	P. O. Box 287, Walpole, Mass.
Luquer, Lynch, A.B.,	Sp.	IV	Washington, D. C.
Luther, George Diller,	7	III	Ashland, Pa.
Luther, Howard Bourne,	8		153 Pleasant St., Attleboro, Mass.
Lyford, Emerson Fletcher,	8		57 School St., Milford, Mass.
Lyle, Fred William,	8		44 Hall St., Waltham, Mass.
Lyman, Lewis James,		V	299 Broadway, Everett, Mass.
Lynch, John Edward, Jr.,	5 5 6	II	10 Pinckney St., Boston, Mass.
Lynde, Clifford,	6	I	90 Taylor Št., Waltham, Mass.
Lynde, Harry Milton,	5	I	90 Taylor St., Waltham, Mass.
Lyne, William, B.M.E., K A,	6	VI	Brannon, Ky.
Lyon, Orrin Sanborn,	8		250 Cross St., Malden, Mass.
Lyon, Stephen Chandler,	8	I	49 Providence St., Woonsocket, R. I.
Lyon, Waldo Vinton,		VI	49 Providence St., Woonsocket, R. I.
Lyons, Earle Braun,	5 8		2 Liberty St., Saugus, Mass.
Lyons, Robert Joseph,	6	XIII	270 Lake Ave., Manchester, N. H.
McAuliffe, William James,	8		4 Melrose St., Boston, Mass.
MacBriar, Wallace Noble,	5	II	I Williams St., Brookline, Mass.
McBride, Lewis Bowen, X Φ,			Care Navy Dept., Washington, D. C.
McCain, Elmer Dwight,	G		
McChesney, Howard Hazen, S.	6		
	6	I VI	2420 Perrysville Ave., Allegheny, Pa.
McClintock, James Robinson,	6	VI	2420 Perrysville Ave., Allegheny, Pa. 110 Walnut Place, Syracuse, N. Y.
McClintock, James Robinson, McCrillis, Haven Sanborn,	6 AE, 7	I	2420 Perrysville Ave., Allegheny, Pa. 110 Walnut Place, Syracuse, N. Y. 574 Averill Ave., Rochester, N. Y.
McClintock, James Robinson, McCrillis, Haven Sanborn, MacDonald, Howard J. C.,	AE, 7 6	VI	2420 Perrysville Ave., Allegheny, Pa. 110 Walnut Place, Syracuse, N. Y.

McElroy, James Aloysius, McGoman, Claude, McGowan, James, Jr., McGorath, Harry Thompson, McGregor, Frank Sanderson, MacGregor, James Stanislaus, MacGregor, James Stanislaus, McGuigan, Francis H., Jr., Δ K E, 8 Mack, Henry Vincent, Mack, Paul Wardlaw, McKay, Richard, Jr., McKernan, Joseph Newall, McLean, Robert Walter, McManus, John Herbert, McManus, John Herbert, McManus, John Theodore, Mahler, James John, Jr., Mahar, John Theodore, Mahler, James John, Jr., Mahar, John Theodore, Mahler, James John, Jr., Mahar, Herman William, Charles Nelson, Manning, Charles Nelson, Manning, Charles Nelson, Manning, Charles Nelson, Manning, Ralph Eric, Manson, Arthur James, Marsh, Edward Harvey, Marsh, Richard Oglesby, Φ B E, Marsh, Richard Oglesby, Φ B E, Marsh, William Coolbaugh, Φ B E, Marsh, Willi	Name and Society	Class	Course	Home Address
McGinnis, Claude, McGowan, James, Jr., McGrath, Harry Thompson, McGregor, Frank Sanderson, MacGregor, James Stanislaus, MacGuigan, Francis H., Jr., Δ K E. 8 MacA, Paul Wardlaw, McKernan, Joseph Newall, McLean, Robert Walter, McLean, Robert Walter, McVay, Howard Guy, A.B., McManus, John Herbert, MacOmber, Alexander, Mahar, John Theodore, Mahar, John Theodore, Mahar, Herman William, Makino, Kiyo (Miss) Maloom, Sydney A., Mann, Paul F., Ψ Y, Manning, Charles Nelson, Manning, Cleanor, Manning, Charles Nelson, Manning, Cleanor, Manning, Cleanor, Manning, Cleanor, Manning, Cleanor, Manning, Cleanor, Manson, Arthur James, Marquez, Francisco Davila, Marsh, Richard Oglesby, Φ B E, Marsh, Richard Oglesby, Φ B E, Marsh, William Coolbaugh, Φ B E, Marsh, Wi	McElroy, James Aloysius,	'06	II	
McGowan, James, Jr., Sp. II McGrath, Harry Thompson, McGregor, Frank Sanderson, 7 VIII Macgregor, James Stanislaus, MacGregor, Milton Emery, 7 VIII MacGregor, Milton Emery, 7 VIII Macintire, Horace James, 5 II Macintire, Horace James, 5 II Mack, Paul Wardlaw, 6 II McKay, Richard, Jr., 6 III McKernan, Joseph Newall, 6 II McKernan, Joseph Newall, 6 II McLean, Robert Walter, 5 III McLean, Robert Walter, 5 III McLeod, Malcolm, 7 VIII McManus, John Herbert, 5 III McMillin, John Milton, 7 III Macomber, Alexander, 7 VIII Mahoney, William Edward, Mahr, Herman William, Malcom, Sydney A., 8 Mann, Herbert James, Φ Γ Δ, 6 II Mann, Paul F., Ψ Υ, 6 IV Mann, William Seward, S.B., 6 III Manning, Charles Nelson, Mansing, Cleanor, Manning, Ralph Eric, Manson, Arthur James, Marsh, Edward Harvey, Marsh, Richard Oglesby, Φ B E, 6 II Marsh, William Coolbaugh, Φ B E, 5 IX Marsh, Richard Oglesby, Φ B E, 6 III Marsh, William Coolbaugh, Φ B E, 5 IX William Strikge St., North Adams, Mass. 19 Metropolitan Ave., Roshindales, 7 VIII 78 West St., Hyde Park, Mass. [Mass. Messilla Park, New Mex. Messila Park, New Mex. Messilla Park, New for. Messilla Park, New Mex. Messilla Park, New Mex. Messilla Park, New Bes. II Messilla Park, New Mex. Messilla Park, New Bes. III Messilla Park, New Mex	McGinnis, Claude,	6	VIII	
McGrath, Harry Thompson, McGregor, Frank Sanderson, McGregor, Frank Sanderson, Magregory, James Stanislaus, 6 II MacGregor, Milton Emery, 7 VIII McGuigan, Francis H., Jr., Δ K E, 8 I Macihi Princer, 8 Mack, Paul Wardlaw, 6 I McKay, Richard, Jr., 6 III McKernan, Joseph Newall, McKibben, Herbert D., B. S., B Θ II, 6 III McLean, Robert Walter, 5 III McLeod, Malcolm, 7 VII McKernan, Joseph Newall, McVay, Howard Guy, A. B., McMillin, John Milton, Masomber, Alexander, McMillian Edward, Mahr, Herman William, Maler, James John, Jr., Mahoney, William Edward, Mahr, Herman William, Malom, Sydney A., Mann, William Seward, S. B., Mann, Paul F., Ψ Y, Mann, William Seward, S. B., Manning, Charles Nelson, Manson, Arthur James, Manson, Arthur James, Manson, Edward Schoffield, Marsh, Bichard Oglesby, Φ B E, 6 I Marsh, William Coolbaugh, Φ B E, 5 IX Windsor Hotel, Montreal, Can. Mest St., Hyde Park, Mass. Mest St., Hyde Park, Mass. Mestila Park, New Mex. Mest St., Hyde Park, Mass. Mestils Park, New Mex. Mestils Pairmount Av., HydePark, Mass. Mesila Park, New Mex. 189 Fairmount Av., HydePark, Mass. Mesila Park, New Mex. 189 Fairmount Av., HydePark, Mass. Mesila Park, New Mex. 189 Fairmount Av., HydePark, Mass. 180 Fairmount Av., HydePark, Mass. 181 Park, New Mex. 182 Fairmount Av., HydePark, Mass. 184 Barr St., Salem, Mass. 184 Barr St., Salem, Mass. 185 Simon's Island, Ga. 184 Barr St., Salem, Mass. 187 High Patr, Window Hotel, Mass. 189 Fairmount Av., HydePark, Mass. 180 Fairmount Av., HydePark, Mass. 181 Fairmount Av., HydePark, Mass. 182 Fairmount Av., HydePark, Mass. 184 Barr St., Salem, Mass. 184 Barr St., Salem		8		
McGregor, Frank Sanderson, Macgregor, James Stanislaus, Gargeor, Milton Emery, TVIII McGuigan, Francis H., Jr., Δ K E, 8 I Macintire, Horace James, Mack, Henry Vincent, Mack, Paul Wardlaw, Garchard, Jr., Garchard, J		Sp.	II	
Macgregor, James Stanislaus, MacGregor, Milton Emery, McGuigan, Francis H., Jr., Δ K E, 8 Macking, Francis H., Jr., Δ K E, 8 Mack, Paul Wardlaw, McKay, Richard, Jr., McKeynan, Joseph Newall, McKeynan, Joseph Newall, McKernan, Joseph Newall, McKey, Richard, Jr., McKernan, Joseph Newall, McKeyn, Horbert D., B.S., B Θ II, 6 McLean, Robert Walter, McLeod, Malcolm, McVay, Howard Guy, A.B., McVay, Howard Guy, A.B., McMallin, John Milton, Macomber, Alexander, McPhee, Harold Evan, Mahar, John Theodore, Mahler, James John, Jr., Mahar, John Theodore, Mahler, Herman William, Makino, Kiyo (Miss) Malcom, Sydney A., Mann, Herbert James, Φ Γ Δ, Mann, Paul F., Ψ Y, Mann, William Seward, S.B., Manning, Charles Nelson, Manning, Charles Nelson, Manning, Ralph Eric, Manson, Arthur James, Manson, Arthur James, Manson, Edward Scholfield, Manson, Edward Scholfield, Manson, Edward Harvey, Marsh, Richard Oglesby, Φ BE, Marsh, William Coolbaugh, Φ BE, Mill Marsh, William Coolbaugh, Φ BE, Marsh, William Coolbaugh, Φ BE, <br< td=""><td></td><td>7</td><td>VIII</td><td></td></br<>		7	VIII	
MacGregor, Milton Emery, McGuigan, Francis H., Jr., Δ K E, 8 Mack, Henry Vincent, Mack, Paul Wardlaw, McKay, Richard, Jr., McKernan, Joseph Newall, McKernan, Joseph Newall, McLean, Robert Walter, McLeod, Malcolm, McVay, Howard Guy, A.B., McManus, John Herbert, MacManus, John Herbert, Mahar, John Theodore, Mahler, James John, Jr., Mahar, Herman William, Makino, Kiyo (Miss) Malcom, Sydney A., Mann, Herbert James, Φ Γ Δ, Manning, Charles Nelson, Manning, Charles Nelson, Manning, Charles Nelson, Manning, Ralph Eric, Manson, Arthur James, Marsh, Richard Oglesby, Φ BE, Marsh, Richard Oglesby, Φ BE, Marsh, William Coolbaugh, Φ BE, Marsh, William Coolbaugh, Φ BE, Marsh, William Coolbaugh, Φ BE, Mickey and Marsaw, Indicate the Marsh will.7 VIII Hill Barr St., Salem, Mass. Williams Bridge, New York City Williams Pridge, New York City Willia				
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Macintire, Horace James, Mack, Henry Vincent, Mack, Paul Wardlaw, McKay, Richard, Jr., McKernan, Joseph Newall, McKeynan, Joseph Newall, McLean, Robert Walter, McLean, Robert Walter, McManus, John Herbert, McManus, John Herbert, McMillin, John Milton, Macomber, Alexander, McPhee, Harold Evan, Mapae, George Joseph, Mahar, John Theodore, Mahler, James John, Jr., Mahoney, William Edward, Mahr, Herman William, Mahr, Herman William, Malcom, Sydney A., Malcom, Sydney A., Mann, Paul F., Ψ Y, Mann, William Seward, S.B., Manning, Charles Nelson, Manning, Ralph Eric, Manning, Ralph Eric, Manson, Arthur James, Manson, Arthur James, Manson, Edward Scholfield, Marsy, Grosvenor DeWitt, Marsh, Richard Oglesby, Φ B E, Marsh, William Coolbaugh, Φ B E, Marsh, William Side, Alber Preston, Marsh, Richard Oglesby, Φ B E, Marsh, William Coolbaugh, Φ B E, Marsh, William Coolbaugh		E, 8	I	
Mack, Henry Vincent, Mack, Paul Wardlaw, McKay, Richard, Jr., McKernan, Joseph Newall, McKibben, Herbert D., B.S., B ⊕ II, 6 McLean, Robert Walter, McLeod, Malcolm, McVay, Howard Guy, A.B., McManus, John Herbert, McMillin, John Milton, Macomber, Alexander, McPhee, Harold Evan, Marrigue, George Joseph, Magee, George M., Mahar, John Theodore, Mahler, James John, Jr., Mahoney, William Edward, Mahn, Herman William, Makino, Kiyo (Miss) Malcom, Sydney A., Mann, Herbert James, Φ Γ Δ, Mann, Paul F., Ψ Υ, Manning, Charles Nelson, Manning, Charles Nelson, Mansifeld, Albert Preston, Manson, Arthur James, Marsh, Edward Harvey, Marsh, Richard Oglesby, Φ B E, Marsh, William Coolbaugh, Φ B E, Milliam Sevast, Park William Bridge, New York City Williams Bridge, Willias twill Williams Bridge, New York City William Bridge, New York City William Bridge, New York City Last Milton, Mass. Waltion, Mass. 12342 HighlandAve., Cincinnati, Ohio 419 Cross St., Malden, Mass. 251 Newbury St., Boston, Mass. 252 Newbury St., Poston, Mass. 251 Newbury St., Poston, Mass. 252 Newbury St., Poston, Mass. 251 Newbury St., Poston, Mass. 252 Newbury St., Poston, Mass. 251 Newbury St., Poston, Mass. 252 Newb			II	
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McKay, Richard, Jr., McKernan, Joseph Newall, McKibben, Herbert D.B.S., BΘII,6 McLean, Robert Walter, McLeod, Malcolm, McVay, Howard Guy, A.B., McWallin, John Milton, Macomber, Alexander, McPhee, Harold Evan, McAge, George Joseph, Mahar, John Theodore, Mahar, John Theodore, Mahir, Herman William, Makino, Kiyo (Miss) Malcom, Sydney A., Mann, Herbert James, Φ Γ Δ, Mann, William Seward, S.B., Manning, Ralph Eric, Manning, Ralph Eric, Manson, Arthur James, Marsh, Edward Harvey, Marsh, Richard Oglesby, Φ B E, Marsh, William Coolbaugh, Φ B E, McTigue, George Joseph, Mage, George Joseph, Malcom, Sydney A., Mahar, John Theodore, Mahar, John Theodore, Mahar, John Theodore, Mahar, Herman William, Makino, Kiyo (Miss) Malcom, Sydney A., Mann, Herbert James, Φ Γ Δ, Manning, Charles Nelson, Manson, Arthur James, Manson, Edward Scholfield, Marcy, Grosvenor DeWitt, Marsh, Richard Oglesby, Φ B E, Marsh, William Coolbaugh, Φ B E, Marsh, William Coolbaugh, Φ B E, Marsh, William Coolbaugh, Φ B E, McCaph, Malch, Mass. II Bast Milton, Mass. 73 High St., Westerly, R. I. 2342 HighlandAve., Cincinnati, Ohio 449 Cross St., Malden, Mass. 231 Newbury St., Boston, Mass. Yankton, S. Dak. 2 Winter St., Dorchester, Mass. 327 Cabot St., Newtonville, Mass. 327 Cabot St., Newton, Mass. 42 Winter St., Dorchester, Mass. 437 Plene St., Holyoke, Mass. 44 Plokiton, S. Dak. 419 Cross St., Malden, Mass. 42 Winter St., Dorchester, Mass. 437 Cabot St., Newtonville, Mass. 437 Cabot St., Newton, Mass. 437 Cabot St., Newton, Mass. 431 Pine St., Holyoke, Mass. 431 Pine St., Browling, Mass. 431 Pine St., Holyoke, Mass. 431 Pine St., Holyoke, Mass.			I	
McKernan, Joseph Newall, McKibben, Herbert D., B.S., B⊗ II,6 McLean, Robert Walter, McLeod, Malcolm, McVay, Howard Guy, A.B., McManus, John Herbert, McMillin, John Milton, MacOmber, Alexander, McPhee, Harold Evan, Magee, George Joseph, Magee, George M., Mahar, John Theodore, Mahler, James John, Jr., Mahoney, William Edward, Mahr, Herman William, Makino, Kiyo (Miss) Malcom, Sydney A., Mahn, Herbert James, Φ Γ Δ, Mann, Paul F., Ψ Υ, Mann, William Seward, S.B., Manning, Charles Nelson, Manning, Ralph Eric, Manson, Arthur James, Manson, Edward Scholfield, Marcy, Grosvenor DeWitt, Marsh, Edward Harvey, Marsh, Richard Oglesby, Φ B E, Marsh, William Coolbaugh, Φ B E, McKernan, Ill McKibben, Herbert D., B.S., B Θ III My Cross St., Malden, Mass. 12342 HighlandAve., Cincinnati, Ohio 449 Cross St., Malden, Mass. 249 Cross St., Malden, Mass. 17 Yankton, S. Dak. 24 Winter St., Dorchester, Mass. 25 Newtonville, Mass. 28 Wenham Depot, Mass. Wenham Depot, Mass. Wenham Depot, Mass. Wenham Depot, Mass. 68 L St., South Boston, Mass. 68 L St., South Boston, Mass. 69 IV Wenham Depot, Mass. 61 If Grafton, N. Dak. Hopkinton, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 17 Yedogawa Cho, Tokyo, Japan 15 Giles Park, Somerville, Mass. 18 Yellon, Mass. 19 Yellon, Malcon, Malcon, Malcon, Malcon, Malcon, Ma		6		
McKibben, Herbert D., B.S., BΘ II, 6 McLean, Robert Walter, 5 McLeod, Malcolm, 7 McVay, Howard Guy, A.B., 7 McManus, John Herbert, 5 McMillin, John Milton, 7 Macomber, Alexander, 7 McPhee, Harold Evan, 8 McTigue, George Joseph, 8 Magee, George M., Mahar, John Theodore, 6 Mahar, John Theodore, 6 Maher, James John, Jr., 8 Mahnr, Herman William, 7 Makino, Kiyo (Miss) 8 Malcom, Sydney A., 8 Mann, Herbert James, Φ Γ Δ, 6 Mann, Paul F., Ψ Υ, 6 Mann, William Seward, S.B., 6 Manning, Charles Nelson, 8 Manning, Charles Nelson, 8 Manning, Ralph Eric, 8 Manson, Arthur James, Manson, Arthur James, Marsh, Edward Harvey, Marsh, Richard Oglesby, Φ B E, 6 Marsh, William Coolbaugh, Φ B E, 5 II 2342 HighlandAve., Cincinnati, Ohio 419 Cross St., Malden, Mass. 251 Newbury St., Boston, Mass. 251 Newbury St., Boston, Mass. 27 Newbury St., Boston, Mass. 321 Newbury St., Boston, Mass. 327 Newton, Mass. 327 Newton, Ma		6		
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Marsh, Richard Oglesby, Φ B E, 6 I Warsaw, Ill. Marsh, William Coolbaugh, Φ B E, 5 IX Warsaw, Ill.		7		
Marsh, William Coolbaugh, Φ B E, 5 IX Warsaw, Ill.				
			IX	
The second secon	Martin, William Henry,	7	I	41 Plain St., Taunton, Mass.

Name and Society	Class	Course	Home Address
Martinez, Rolando A.,	'07	I	Chacon 34, Havana, Cuba
Marvin, Howard,	7	11	Meadville, Pa.
Marx, Samuel Abraham,	7	IV	Natchez, Miss.
Mason, Willis Harold,	8	II	Fairmount Ave., Wakefield, Mass.
Mather, John,	7	XIII	112 Fort Hill Ave., Lowell, Mass.
Mathesius, Anthony P., Φ B E,	6	XIII	355 W. 145 St., New York, N. Y.
Mathison, William Edward Hulber	rt, 6	III	80Ingersoll Grove, Springfield, Mass.
Maxwell, Donald Hebard,	8	XI	7 Maple St., Newton, Mass.
Maxwell, Ruth,	8	IV	7 Maple St., Newton, Mass.
Mayberry, Edward Leodore, B.L.	., 6	IV	Long Beach, Cal.
Mayer, Charles Benajah,	5	IV	16 West Doty St., Madison, Wis.
Mayo, Lincoln, ∑ A E,	8	II	11 Robeson St., Jamaica Plain, Mass.
Mead, Edward Arnold,	6	VI	58 Prospect St., Milford, Mass.
Mears, Henry Savier,	6	III	Portland, Ore.
Medlicott, William Harding,	8	II	Longmeadow, Springfield, Mass.
Mellish, Murray Holman,	7	I	21 Batchelder St., Melrose, Mass.
Menner, Frederic Bassett, X Φ,	7	XIII	Honesdale, Pa.
Merriam, Charles Allen,	6	II	Portland, Ore.
Merriam, Harry Caleb, Δ Σ Φ,	6	V	175 Prichard St., Fitchburg, Mass.
Merrill, Alden,	5	V	16 Tremlett St., Dorchester, Mass.
Merrill, Arthur Clement,	8	II	57 Franklin St., Peabody, Mass.
Merrill, Jason Leslie,	5	V	139 Silver St., Waterville, Maine
Merrill, Oscar Charles,	5 5 6	I	167 Warren Ave., Boston, Mass.
Merrow, Harold Kay, ⊕ Ξ,	6	X	13 Williams Ave., Hyde Park, Mass.
Merrow, John William, A.B.,		IV	74BuckinghamSt., Cambridge, Mass.
Merwin, Merritt Beach, $\Phi \Gamma \Delta$,	7	XI	New Milford, Conn.
Mesmer, Louis Francisco, B.S.,	6	I	3500 Manitou Av., Los Angeles, Cal.
Middleton, Nathan Atherton, X	Þ, 7	XIII	The Severn, Baltimore, Md.
Millard, Reginald William, ∑A I	Ξ, 8	X	456 Main St. E., Hamilton, Ont.
Miller, Addison,	7	II	803 Lincoln Ave., St. Paul, Minn.
Miller, Stuart Read, ∑ A E,	7	II	The Wilhelm, Cincinnati, Ohio
Milliken, Frank Wellman,	6	I	39 Sycamore St., NewBedford, Mass.
Milne, William Durant,	7	I	Stetson St., Lexington, Mass.
Miner, Ernest Abbot,	7	I	127 Summer St., Malden, Mass.
Mitchell, Harold Carlyle,	5	I	Hardwick, Mass.
Moffatt, William Andrew Galbra	ith,	I	35 London St., Lowell, Mass.
Mohan, Arthur Francis,	8		49 York Terrace, Brookline, Mass.
Molina, Vincente,	6	I	Merida, Mex.
Monaghan, John Edward L.,	6	I	319 Fourth St., South Boston, Mass.
Monahan, William Patrick,	7	III	155 Ruggles St., Roxbury, Mass.
Montanus, Paul Armstrong,	6	II	183S.YellowSp'gs.St.Springfi'ld,O.
Montgomery, William E.,	6	V	1825 S St., N.W., Washington, D.C.
Moody, Harry Lawrence, A E,	7 8	X	7 Garden St., Newburyport., Mass.
Moore, Franklin,	8	V	286 Main St., Winsted, Conn.

Name and Society	Class	Course	Home Address
Moore, Fred	'07	VI	93 Spangler Ave., Cleveland, Ohio
Moore, Stanley Dennett,	7	I	Lancaster, N. H.
Moore, Walter Stone,	7	VI	South ColumbusAv., Sandusky, O.
Moorehead, Theodore Parker,X		I	Shanghai, China
Morey, Charles Burrows,	6	V	101 Depew Ave., Buffalo, N. Y.
Morrill, Fred William,	7	I	240 Main St., Haverhill, Mass.
Morrill, Raleigh Dudley,	7	II	Strafford, Vt.
Morris, John Missroon,	6	VI	Presidio, San Francisco, Cal.
Morrison, Charles Waldo,	8	II	80 Florence St., Revere, Mass.
Morrison, Edward Stanley,	5	VI	187 Parker St., Lawrence, Mass.
Morse, Harold,	5	VI	Newton Lower Falls, Mass.
Morse, Robert Wilbur,	5	II	49 Holbrook St., Jamaica Plain, Mass.
Morse, William Boulton,	5 8	XIII	64 Cross St., Winchester, Mass.
Morton, Howard J., AY,	7	III	Grand Rapids, Mich.
Moses, Frederick Taft,	7	V	Ayer, Mass.
Motter, William D. B., Jr., A		III	St. Joseph, Mo.
Mowry, Charles William,	6	II	63 Warren St., Fall River, Mass.
Muchmore, Frank Hadley,	7	IV	San Francisco, Cal.
Mullen, John Joseph, A.B.,	8	VI	1007 10th St., Denver, Col.
Munoz-Zertuche, Ramón,	8	III	6A Hidalgo, Saltillo, Coah, Mex.
Munroe, Harold Knapp,	6	VI	43 Warren Ave., Woburn, Mass.
Munroe, Walter Nathan,	5	VI	56 Bowdoin Av., N. Dorchester, Mass.
Murfey, Gardner Armstrong,	7	VI	894 Euclid Ave., Cleveland, Ohio
Murphy, John Edward,	6	III	Maple St., Framingham, Mass.
Murr, Ilias Asaad,	5 8	I	Mt. Lebanon, Syria
Murray, Francis Joseph,	8	X	47 Quincy St., Roxbury, Mass.
Myers, Leonard Fred,	6	I	317 Andrew St., Rochester, N. Y.
Nabstedt, Harry Martin,	6	I	Davenport, Iowa
Neilson, William, ∑ A E,	6	III	8 Cumberland St., Boston, Mass.
Nelson, Henry Hawkins, Jr.,	5 8	II	16 Myrtle St., Jamaica Plain, Mass.
Newhall, Everett Hiltz,	8	V	238 Summer St., Lynn, Mass.
Newlands, James Andrew,	. 7	XI	316 West 6th Ave., McKeesport, Pa.
Newton, Sherley Purl,	6	V	Cyrus, Mass.
Nicholl, John Seymour,	7 8	II	111 Gainsboro St., Boston, Mass.
Nichols, Archer Corbin,		I	72 Huntington Ave., Boston, Mass.
Nichols, Bryant,	7 8	H	169 Shurtleff St., Chelsea, Mass.
Nichols, James Robinson,		V	4 Highland Ave., Haverhill, Mass.
Nichols, Prescott Raymond,	7	VI	66 Prescott St., Reading, Mass.
Nicholson, Dow Hiram,	5 G	I	50 Spring P'k Av., J'm'ca Pl., Mass.
Nickerson, Frederic, X Φ,		IV	8 Commonw'lth Ave., Boston, Mass.
Nicol, Norman Carmichael,	8	I	56 Brewster St., Waterbury, Conn.
Niditch, Isadore,	5 7	V	49 Oswego St., Boston, Mass.
Niles, Frank Lee,	7	III	111E.So.Temple,Salt Lk.City,Utah
Nix, Leo Demain,	8	II	Dubuque, Iowa

	-	Course	Home Address
Noble, George Curtis,	'06	IV	Eau Claire, Wis.
Noble, Henry Johnson,	8	II	325 Fenn St., Pittsfield, Mass.
Nordstrum, Ludwig Sänger,	7	VI	549 Mass. Ave., Boston, Mass.
Norton, John Foote,	6	V	5832 Washington Ave., Chicago, Ill.
Norton, Roy Wilmarth,	8	VI	Vineyard Haven, Mass.
Noyes, Emory Chase,	7	I	39 Porter St., Malden, Mass.
Noyes, Erskine Phillips,	7	I	60 Greenw'd Ave., W. Newt'n, Mass.
Nutter, Charles Warren,	6	II	58 Heard St., Chelsea, Mass.
Obear, Howard Leslie,	7	VI	145 Hale St., Beverly, Mass.
Oehne, Theodore Carl, Jr.,	7	VI	5401 Ellis Ave., Chicago, Ill.
O'Farrell, Alphonsus,	7	XIII	82 Dustin St., Brighton, Mass.
Ogarrio, Rodolfo, Jr.,	8	I	Mexico City, Mexico
O'Hara, James Randall, Jr.,	6		Cottage Ave., Winthrop, Mass.
Orchard, Edward Frederick,	8	II	14 Fletcher St., Roslindale, Mass.
Orcutt, Harvey Baxter,	6	I	Florence, Mass.
Orme, James Booth Lockwood,	6	V	1623 28th St., Washington, D. C.
Orr, Thomas Whitley, A K E,	8	X	Kansas City, Mo.
Ortseifen, Adolph John,	5	XIII	514 East 46th St., Chicago, Ill.
Osborne, Harold Smith,	8	VI	81 Oxford St., Cambridge, Mass.
Otis, George William, A K E,	7	H	Warsaw, N. Y.
Otis, Webb Harlan,	6	II	Ames, Iowa
Ovington, Earle Lewis,	6	VI	14 Empire St., Allston, Mass.
Pacheco, Edmundo Corres,	8	X	San Paulo, Brazil
Packard, Emerson Heard,	7	X	180 Belmont St., Brockton, Mass.
Packard, James Benidict, Φ Γ Δ		III	Denver, Col.
Packwood, Lahvesia P. C.,	7	II	701 Twiggs St., Tampa, Fla.
Page, Rowland Everett, ⊕ X,	6	II	67 Pleasant St., Clinton, Mass.
Paine, Paul McClary, Φ Γ Δ,	5	XII	West Point, N. Y.
Palmer, Herbert Hammond,	- 8	VIII	Georgetown, Mass. [Mass.
Palmer, Howard Salem,	7	VIII	135 Highland Ave., Winchester,
Paquet, Victor Hugo,	5	XIII	286 Fourteenth St., Portland, Ore.
Parker, Louie Adelbert, Φ K Σ,	6	IV	1255 W. 6th St., Los Angeles, Cal.
Parker, Lovell Hallet,	5	I	Osterville, Mass.
Parlin, Raymond W.,	7	XI	19 Winthrop Ave., Wollaston, Mass.
Parsons, Galt Fayette,	5	VI	1623 N. Calvert St., Baltimore, Md.
Pastoriza, Hugh Girard,	7	VI	2204 Austin St., Houston, Texas
Patch, Ralph Reginald,	6	XI	28 Lincoln St , Stoneham, Mass.
그 그 그 가장 아이들이 그 아니라 그는 사람들이 가장 하는 것이 없어 하는데	8	VI	205 Savin Hill Av., Dorch'ster, Mass.
Patten, Harry Chapman,	6	VII	23 St. James Ave., Boston, Mass.
Pattern, Jane Boit,	6	II	8 Montrose St., Roxbury, Mass.
Patterson, Henry Rathbone,		XIII	14 Webster St., Winchester, Mass.
Payne, Frank Edward, ∑ A E,	5	X	
Payne, James Harvey,	5	X	108 S. Fourth St., Wilmington N.C.
Peabody, Octavius Libbey, Z A		II	2 Grant St., Haverhill, Mass.
Pease, Leon Murray, A Δ Φ,	5	-11	158 St. Botolph St., Boston, Mass.

Name and Society	Class	Course	Home Address
Peck, Orton Abner,	'07	VII	3 Oxford Terrace, Boston, Mass.
Peet, Albert Stanton,	8	VI	Panama, Central America
Peirce, Chadwell Stuart,	6	I	- 936 Hinman Ave., Evanston, Ill.
Peirce, Frederic Newton,	8	I	252 Franklin St., Newton, Mass.
Penny, Alec Newton,	8	III	3145 Euclid Ave., Philadelphia, Pa.
Perkins, Ralph Willis,	8	VI	Wenham, Mass.
Perry, Frederick Gardiner,	8	VI	18 Huntington Ave., Boston, Mass.
Perry, George Wason,	5	XIII	99 Brooks St., West Medford, Mass.
Pfeffer, Joseph Stanislaus,	8	X	68 G St., South Boston, Mass.
Pfeil, Walter George, Δ T Δ,	8	II	The Kenmar, 10th & PineSts., Phila.,
Phelps, Eugene, A T A,	7	III	220 E. 6oth St., Chicago, Ill. [Pa.
Phleps, Fred Sydney,	6	II	Lowell St., Andover, Mass.
Philbrick, Halsey Raymond, Φ Γ	Δ , 6	VI	111 Edwards St., Hartford, Conn.
Philbrick, Herbert Shaw,	6	II	20 College Ave., Waterville, Maine
Pickering, Harold Beckford,	8	VI	303 Lafayette St., Salem, Mass.
Pickersgill, William Copeland,		I	79 Brook St., Brookline, Mass.
Pierce, George Holt,	5	VI	26 Park St., Nashua, N. H.
Pierce, William Joseph,	8	II	45 Davenport St., N. Cambridge,
Pike, Robert,	8	I	Pigeon Cove, Mass. [Mass.
Pinkerton, Thomas Coulson, ΦΓ.	Δ. 5	V	Walbrook, Baltimore, Md.
Pinkham, Robert Sanborn,	7	XIII	165 Warren Ave., Wollaston, Mass.
Pirie, Frederick Alexander,	5	II	48 Bradstreet Av., Beachmont, Mass.
Pitts, James A.,	5	II	Quincy Mansion, Wollaston, Mass.
Place, Alfred Griffin,	5	VI	2 Plympton Place, Woburn, Mass.
Place, Mark Hopkins, A.B.,	6	1	Francestown, N. H.
Playfair, George Sidney Sedgwick	k, 7	II	92 St. Botolph St., Boston, Mass.
Plumer, Edward Ashby,	8	VI	69 Federal St., Newburyport, Mass.
Plummer, Harold Cleveland,	6	III	111 Hutchings St., Roxbury, Mass.
Plummer, Laura Susanna,	8		110 Princeton St., E. Boston, Mass.
Poland, Frank Webber,	7	II	Nahant, Mass. [Mass.
Polhemus, James Higbie,	6	III	18 Moreland Ave., Newton Centre,
Pollister, Edward Barker, ⊕ E,	6	I	2 Atlantic St., Portland, Me.
Pollock, Robert Thomas,	8	VI	19 Hancock St., Salem, Mass.
Polsey, Chester Alanson,	7	I	154 Summer St., Somerville, Mass.
Poole, Burnell,	6	VI	Ouray, Col.
Poole, Frederick Parsons,	5	VI	19 Concord Square, Boston, Mass.
Poole, Stephen Kendall, AKE,	7	X	116 Harrison St., Chicago, Ill.
Poor, Arthur Kenneth,	S	II	94 Pine St., Danvers, Mass.
Poor, Walter Everett,	8	VI	3 Holly St., Salem, Mass.
Pope, Allen,	7	II	34 Dorchester St., Springfield, Mass.
Pope, Joseph,	8	XIII	34 Dorchester St., Springfield, Mass.
Porosky, Matthew,	8	VI	82 E. Brookline St., Boston, Mass.
Potter, Eugene Voorhees,	7	II	157 Walnut St., Somerville, Mass.
Potter, Orrin William, Jr., A V,		I	4800 Ellis Ave., Chicago, Ill.
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Name and Society	Class	Course	Home Address
Potter, Sarah Emeline,	'06	IV	그는 그들은 경에 가는 아이를 하면 하면 하면 하면 되었다. 그렇게 하면 하는 것이 되었다. 그런데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는
Powell, Clarence Brewster,	6	VI	
Power, Vincent William, Jr.,	8	VI	Avondale, Md.
Pratt, Arthur Dendney, B.A.,	7 8	II	1162 Dean St., Brooklyn, N. Y.
Pratt, Harold Studley,	8	II	250 Ashmont St., Boston, Mass.
Prentiss, George William, X A	E, 5	II	207 Elm St., Holyoke, Mass.
Prescott, Albert George,	5	II	14 Whitman St., New Dorch'r, Mass.
Presson, William Herbert,	- 8	VI	
Prichard, Charles Rollins, A E,	5	II	
Prince, Albert Senior, ∑ X,	6	X	
Pritchard, Charles Morse,	8	X	
Prodromos, Aristotle Hodge,	8	VI	
Prouty, Gardner Edward,	7	II	Littleton, Mass.
Pulman, Oscar Stoddard, Jr.,	6	X	372 Hamilton St., Albany, N. Y.
Purdy, Stanley Blanchard,	8	V	Park Ave., Wakefield, Mass.
Putnam, Charlton Dascom,	8	I	
Putnam, Harry Rice, Jr., Δ Ψ,	8	III	43 N. Euclid Ave., Pasadena, Cal.
Quinlan, George Austin, A.B., \S	X, 6	I	Houston, Texas
Radford, Charles Weston,	8	I	
Radford, George Stanley,	G	XIII	A 74 E. Hancock Ave., Detroit, Mich.
Ralph, Paul Justus, C.E.,	5	XIII	2881 Broadway, New York City
Rand, Robert, $\Phi \Gamma \Delta$,	7	II	1073 Centre St., Newton C'tre, Mass.
Ranney, Willis,	- 6	I	107 Virginia Ave., St. Paul, Minn.
Rapelye, Harry Andrew,	8	II	
Rausch, Chester Conrad,	7	II	37 Hunti'gton Ave., Hyde P'k, Mass.
Rawlinson, William W., A T A		III	249 Branch St., Lowell, Mass.
Rayner, William Pearce, Ф K 4		VI	409 S. Fountain Ave., Springfield, O.
Raynolds, Russell Peter, X Φ,	6	III	1352 Lincoln Ave., Denver, Col.
Read, Edward Mason, Jr., Ф∑	K, 5	I	
Redding, William Allen, Jr.,	7	II	412 West End Ave., New York City
Reed, Earl Howell, Jr., A K E	, 7	IV	4758 Lake Ave., Chicago, Ill.
Reed, Harold Douglas,	7	VI	105 Green St., Melrose Hglds., Mass.
Reed, James, Jr., XX,	6	XIII	A 20 East St., Ashtabula, Ohio
Reed, Ralph Omer, @ X,	6	III	Franklin St., Melrose Hglds., Mass.
Regnell, Ralph Tucker,	8	III	4 Holden St., Attleboro, Mass.
Rehn, John Franklin,	7	III	10 Lee Ave., New London, Conn.
Reilly, Will Robison,	8	III	530 Third East, Salt Lake City, Utah
Remon, John Allen,	8	VI	Juniper Point, Salem, Mass.
Reyburn, Francis Valle, Jr.,	8		4529 Lindell Ave., St. Louis, Mo.
Reyburn, John Randolph, A.B.,	$\Delta\Psi,7$	VI	
Reyes, Francisco Damaso,	8	II	
Rhodes, George Irving,	5	VI	64 Chestnut St., Andover, Mass.
Rice, Roger Cushing,	8	I	
Rice, Roger Leavitt,	6	VII	

Name and Society	Class	Course	Home Address
Rich, Chester Allen,	'08		Provincetown, Mass.
Rich, Charles James,	6	II	15 Cottage St., Norwood, Mass.
Rich, Waldo Alton, Jr.,	7	III	Needham, Mass.
Rich, Williston Canfield, A T A	, 6	VI	Red Wing, Minn.
Richards, Harold Moore, A K E	, 8	III	55 Vernon St., Brookline, Mass.
Richards, Karl Willis, A E,	7	1	22 Regent St., West Newton, Mass.
Richards, Nathaniel Atherton,	5	IV	362 Front St., Weymouth, Mass.
Richardson, Charles Dana,	6	VI	132 10thSt., N.E., Washington, D.C.
Richardson, Edwin Cole,	7	II	239 Hilton Ave., Redlands, Cal.
Richardson, Edward Miner, A	ν,	II	Lime Rock, Conn.
Richardson, Frederic L. W., A.	В.,	IV	Warren St., Brookline, Mass.
Richardson, Holden Chester, Z	X, 6	XIII A	321 E. Dewart St., Shamokin, Pa.
Richardson, Harry Frederic,	8	VI	31 Williams St., Taunton, Mass.
Richardson, Max Currier,	5	I	Pelham, N. H.
Richmond, Arthur Clinton,	8	I	East Taunton, Mass.
Richmond, Waldemar Spauldin	g, 5	I	76 Center St., Adams, Mass.
Riefkohl, Rudolf William,	8	III	Maunabo, Porto Rico
Riley, Edward John,	8	VI	37 Belmont St., Charlestown, Mass.
Riley, James Garfield,	- 5	V	12 Fiske St., Waltham, Mass.
Riley, Lewis Adams, 2d, A K E	6	II	215 Newbury St., Boston, Mass.
Ripley, Franklin, Jr., Φ Σ K	7	II	Troy, N. H.
Ripley, Read Isbell,	8	I	69 Washington St., Malden, Mass.
Rippey, Atwood Eugene,	5	III	San Diego, Cal.
Rivitz, Seymour Moses,	7	I	13 Ashland St., Boston, Mass.
Robbe, Louis Ernest,	5	I	Peterboro, N. H.
Robbins, Donald Goodrich,	5 7	II	33 Mulberry St., Springfield, Mass.
Robbins, Hallet Rice,	5 5 8	I	290 McGregor St., Manchester, N.H.
Roberts, Albert Arthur,	- 5	VI	Rochester, N. H.
Robertson, Robert, Jr.,		823	21 Pond St., Beverly, Mass.
Robinson, Frank John,	8	IV	75 Gainsboro St., Boston, Mass.
Robinson, Samuel,	5	V	21 Oakley St., Dorchester, Mass.
Robinson, Winslow Davis, AK I		XIII	8 Harrison St., Stapleton, N. Y.
Rockwood, Edward F., S.B., Z			961 Beacon St., Newton C'tre, Mass.
Roco, Mateo,	8	11	Philippine Islands
Rodgers, Charles Loring, Δ Υ,	5	II	115 Oak St., Binghamton, N. Y.
Roger-Marvaise, René,	1113	VI	Paris, France
Rogers, James Earl,	6	XIII	Wrentham, Mass.
Rogers, James Smith,	7	II	Byfield, Mass.
Rohdé, Alice, S.B.,		VII	Princeton, Ill.
Rohdé, Max Spencer,	8		Princeton, Ill.
Rood, Vernon Stone, $\Delta T \Delta$,	7	III	Jeanesville, Pa.
Root, John Allen,	6	III	5019 Raymond Ave., St. Louis, Mo.
Rose, Robert Ware,	6		3 Orchard Circle, Clifton, Mass.
Ross, Robert John,	7	III	Belmont, Mass.

Name and Society	Close	Course	Home Address
Rowe, Edward Bennett,		VIII	4 Blynman Ave., Gloucester, Mass.
Rowe, Henry Woodbury,	G	IV	185 Jackson St., Lawrence, Mass.
Rowell, Wiear Louis,	6		11 Ocean St., Lynn, Mass.
		III	1507 N. 10th St., Philadelphia, Pa.
Rubel, Milton Louis,	5		
Ruff, De Witt Clinton,	7	II	603 Lincoln Ave., St. Paul, Minn.
Ruggles, Guy Hall,	6	III	23 Grand St., Reading, Mass.
Ruggles, Henry Jason,	8	I	56 Wendell St., Cambridge, Mass.
Ruggles, Mary Julia,	6	V	56 Wendell St., Cambridge, Mass.
Runey, Charles Francis,	7	V	Belmont, Mass.
Ruppel, Henry E. K., A.M.,	6	V	221 Vernon Ave., Brooklyn, N. Y.
Russ, Donald Edwin,	7	V	12 Hone Ave., Oil City, Pa.
Russell, Arthur Edmands,	5	XIII	2 Franklin St., Medford, Mass.
Russell, Clifford Barstow,	7	II	West Hanover, Mass.
Russell, Leonard Pomeroy,		VI	77 Wendell Ave., Pittsfield, Mass.
Ryan, Ida Annah,	7 5 6	IV	19 Hammond St., Waltham, Mass.
Sadtler, Philip Bridges,	6	X	336 W. Horter St., Philadelphia, Pa.
Sage, Merton Wilfred,		VIII	18 Bradshaw St., Medford, Mass.
Sampson, Miles,	7 8	II	South Hanson, Mass.
Sampson, Roswell Eustis,	6	VI	52 Washington St., Medford, Mass.
Sanders, Ralph Barton,		II	475 Westford St., Lowell, Mass.
Sando, Joseph Blair, S A E,	78	II	505 Quincy Ave., Scranton, Pa.
Santry, Joseph Vincent,	6	VI	97 Dale St., Roxbury, Mass.
Sargent, Edward Haynes,	6	I	II Titcomb St., Newburyport, Mass.
	8	II	
Sargent, Horace Stillman,			127 Prospect Ave., Revere, Mass.
Sargent, Ralph Nelson,	6	X	73 Grant St., Lynn, Mass.
Sargent, Samuel Peter,	7	VIII	Littleton, Mass.
Sarratea, Roberto Browne,	6	III	Valparaiso, Chile.
Savage, Edward Michael,	8	VI	24 Bradley St., Somerville, Mass.
Saville, Charles, Φ B E,	5	XI	Waban, Mass.
Scannell, Albert,		II	535 Westford St., Lowell, Mass.
Scannell, Roger Francis, Jr.,	. 8	521200	700 Huntington Ave., Boston, Mass.
Schackne, Jacob Herzl,	8	VI	1601 Webster Ave., Pittsburgh, Pa.
Schirmer, Rens Edward,	8	VIII	17 Park St., West Roxbury, Mass.
Schlabach, Ross Pelton, ∑ X,	G	XIII A	Navy Department, Washington, D.C.
Schmeisser, Ernest Gail, Φ Γ Δ,	5	VI	2401 Eutaw Place, Baltimore, Md.
Schmidt, Frederic Becker,	7	IV	26 King St., Westfield, Mass.
Schmidt, Paul Sylvester,	6	II	110 Noble Road, E. Cleveland, Ohio
Schmucker, Robert Antoine,	8	II	1342 Spruce St., Philadelphia, Pa.
Schneider, Franz, Jr., Φ Γ Δ,	8	II	36 Summer St., Lawrence, Mass.
Scholtes, Alexander Joseph, Jr.,		IV	259 Park St., Dorchester, Mass.
Schriefer, Herman Carson,	8	III	Canaisic, Brooklyn, N. Y.
		VI	
Schwarz, Frederic Joseph,	5		Ballston Spa, N. Y.
Scott, Edward James,		VIII	241 Haverhill St., Lawrence, Mass.
Seaver, Samuel,	6	XIII	Waban, Mass.
Segar, Ralph Le Roy, ∑ A E,	5	VI	7 Granite St., Westerly, R. I.
Seiglie, Nestor Manuel,	6	I	Sagua la Grande, Cuba

Name and Society	Tloor	Course	Home Address
Sellew, Francis Leo,	'07	III	38 Worcester St., Natick, Mass.
Senger, Richard Warren,		III	Port Jervis, N. Y. [lands, Mass.
	5 8	111	28 Warwick Park, Melrose High-
Serra, Julius Herschel,	8	II	
Sewell, Henry Rollo, $\Delta T \Delta$,			404 Briggs Ave., Hastings, Neb.
Seymour, Allan, ΔΨ,	7 5 8	I	17 Avenue de l'Opera, Paris, France
Seyms, Robert Wyndham, AY,	- 5	VI	181 Collins St., Hartford, Conn.
Shalling, Henry Waldo,		VI	36 Elm St., Stonington, Conn.
Shapleigh, Charles H.	6	I	228 W. Water St., Lock Haven, Pa.
Sharman, Frank Weller,	8	IV	11 Irvington St., Boston, Mass.
Sharp, Benjamin Karl,	7	XIII	Brookline, Mass.
Shaw, Chester Roy,	5	VI	14 Tremont St., Brockton, Mass.
Shaw, Howard Payne,	6	I	Bucksfield, Maine
Shaw, Thomas,	5	VI	Plymouth, Mass.
Shedd, Ray Elmer,	6	I	212 Highland Av., Somerville, Mass.
Sheldon, William Adams,	6	III	Ashby, Mass.
Shen, Tin-ching,	8	VI	Foochow, China
Sherman, Andrew Bartlett, Jr.,	6	VI	Fitchburg, Mass.
Sherman, Arthur Louis,	6	I	Mansfield, Mass.
Shields, Frank Brown, X A E,	7	V	Seymour, Ind.
Shingler, George Pinckney, Jr.,	6	V	Donalsonville, Ga.
Shipman, Le Roy Holton,	6	X	Winooski, Vt.
Shorey, Bina May,	Sp.	**	Everett, Mass.
Silberman, Samuel Thomas,	8	· I	817 Hollins St., Baltimore, Md.
	G		Phœnixville, Pa.
Simmers, Clayton Miller, ∑ X,	6	X	34 S. Central Av., Wollaston, Mass.
Simmons, John Edgar,			52 Shawmut Ave., Marlboro, Mass.
Simonds, Fred Washburn,	5	XIII	
Simons, Russell Bissell,	5	The state of the state of	12 High St., Greenfield, Mass.
Simpson, Guy Carleton,		I	San Antonio, Texas
Simpson, Willard Eastman,	5	I	San Antonio, Texas
Skillings, Arthur Earle,		XIII	51 Dustin St., Brighton, Mass.
Slack, Edgar Percival,	7	VI	North Abington, Mass.
Small, Gilbert,	7	II	428 Lexington St., Waltham, Mass.
Small, Harry Alonzo C.	5	XIII	229 Lafayette St., Jacksonville, Fla.
Smart, Charles Edwin,	555555557	II	Greenfield, Mass.
Smart, William Fuller, Φ K Σ,	5	IV	Lewiston, Maine
Smith, Albert Howell,	5	XIII	5 Elmwood Park, Malden, Mass.
Smith, Albert Loomis,	5	V	Hamilton, Mass.
Smith, Charles Huntington, A & Φ	, 5	I	35 Adelbert St., Cleveland, Ohio
Smith, Converse,	5	I	Lincoln St., Waltham, Mass.
Smith, Edward Church,	5	V	25 College St., Amherst, Mass.
Smith, Eugene Gregory,	7	I	Beatrice, Neb.
Smith, Edwin Lawrence, X Φ,	6	VI	2316 Grand Ave., Milwaukee, Wis.
Smith, Ernest Maxwell, Δ K E,	6	II	1615 W.Genesee St., Syracuse, N.Y.
Smith, Edward Richard,	8	I	875 E. Second St., S. Boston, Mass.
Smith, Lemuel D.	6	XIII	119 Post St., Spokane, Wash.
Smith, Leon Hills,	G	IV	34 Orchard St., Leominster, Mass.
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Souther, John Glendon, A.B., 6 II 36 GreenoughAve., J'm' ca Pl., Mass. Spalding, William Livingston, 5 III 39 Middlesex St., Lowell, Mass. Spaulding, Henry S., 5 XI 19swich, Mass. [Mass. Spear, Herbert Gay, 7 X 498 Watertown St., Newtonville, Spiehler, Clarence Herbert, 5 II 580 Averill Ave., Rochester, N. Y. Spinney, Samuel Rogers, 6 VI 302 Main St., Melrose, Mass. Sprague, Ralph Cushman, 6 XI 43 Irving St., So. Framingham, Mass. Spurr, Henry Vose, 8 II 308 Mystic St., Arlington, Mass. Standley, Chester Larcom, 8 II Manchester, Mass. Standley, Philip Bartholomew, Φ B E, 6 II Stanton, Everett Chesebro, 5 XIII Starkweather, Oscar Henry, A E, 5 Xtarkweather, Oscar Henry, A E, 5 Xtarkweather, Oscar Henry, A E, 5 Xtele, Edward Thomas, 2d, Δ Ψ, 6 VI Stebbins, Roger Pierce, 5 XIII Stebbins, Albert Leslie, 6 III Stewart, Joseph Baird, Jr., 8 Xtevens, Herbert Alfred, Δ Σ Φ, 7 X X 498 Watertown St., Newtonville, Mass. 16 Magnolia St., Melrose, Mass. 17 Sausalto, Cal. 17 Sausalto, Cal. 17 Sausalto, Cal. 18 Saus	Name and Society Cl	ass	Course	Home Address
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	Stone, Lawrence Edward, A.B.,	6		4299 Superior St., Cleveland, Ohio
Stone, Leo Solomon, 8 I 59 Fort Ave., Roxbury, Mass.	Stone, Leo Solomon,	8	I	

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Stow, James Pomeroy,	7	II	179 College St., Middletown, Conn.
Streeter, Harold Warner,	6	XI	29 Quincy St., North Adams, Mass.
Strickland, Sidney Talbot, AY,		IV	
	5		455 Audubon Road, Boston, Mass.
Strongman, Elizabeth Jane,	, 5	VII	58 Hewlitt St., Roslindale, Mass.
Sullivan, Patrick Joseph,	Sp.	V	155 Saratoga St., Lawrence, Mass.
Sullwold, Herbert Arthur, B @ II,	8	IV	807 Holly Ave., St. Paul, Minn.
Sutton, Loyd Hall,		XIII	32 West Main St., Marlboro, Mass.
Swartz, Paul, X X,	6	X	104 N. Bever St., Wooster, Ohio
Sweetser, Albert Edwin,	6	II	155 Huntington Ave., Boston, Mass.
Swett, Phelps Nash, $\Phi \Gamma \Delta$,	7	I	1851 Mass. Av., N. Cambridge, Mass.
Talbot, Arthur Wilbour, Φ Σ K,	7	VI	3 Nottingham St., Dorchester, Mass.
Tappan, Robert,	7	IV	Sharon, Mass.
Tarbett, Ralph Edwin,	5	XI	5 Washington St., Stoneham, Mass.
Tarr, Forace Austin,	5	II	75 Thorndike St., Cambridge, Mass.
Tashjian, Armen H.,	7	I	Smyrna, Turkey
Taylor, Allyn Chandler,	6	II	15 Allyn Place, Lawrence, Mass.
Taylor, De Witt McClure,	6	II	310 E. 9th Ave., Homestead, Pa.
Taylor, Irvine Simons,		Î	Earlville, Ill.
Taylor, John Wallace,	7 5 7 8	II	211 N. Professor St., Oberlin, Ohio
Taylor, Robert Kellogg,	5	XI	
Taylor, William Chittenden,	6	V	South Glastonbury, Conn.
	6	II	Wiscasset, Maine
Tebbets, James Hargraves,			39 Grand St., Somersworth, N. H.
Temple, Edward Hastings, Jr., B@I		III	27 Harrison Ave., Taunton, Mass.
Ternan, Terence Breifni,	6	III	Bedford, Nova Scotia
Terrell, Herbert Arthur,	6	II	14 Lowell Ave., Newtonville, Mass.
Terrell, Wendell Phillips, B.S.,	6	II	616 Jennings Av., Fort Worth, Texas
Terry, Killey Eldridge, Jr.,	7	VI	59 Centre St., Dorchester, Mass.
Tetlow, John, ⊕ X,	7	V	III Friend St., Adams, Mass.
Thacher, Sheldon Perry,	7 7 6	V	162 Capitol Ave., Hartford, Conn.
Thayer, Ralph Carpenter,	6	III	10 Hamilton St., Dorchester, Mass.
Thayer, Robert Ellis,	78	VI	28 Tudor St., Chelsea, Mass.
Thöde, Allan Frederick,	8	VI	73 Spring St., Medford, Mass.
Thomas, Arthur Scott, A T A,	6	II	III Stevens St., Lowell, Mass.
Thomas, George Carlyle,	5	II	777 Tremont St., Boston, Mass.
Thomas, John Joseph,	7	II	114 Taylor St., Waltham, Mass.
Thompson, Abbot Howe, & K S,	7 8	VI	Brookfield, Mass.
Thompson, Lewis Arnett,	6	VI	504 Third St., Warren, Pa.
Thompson, Stansbury,	8	IV	Lawrence, Kan.
Thomson, Henry Bowens, B.S.,	6	íV	1508 Rio Grande, Austin, Texas
Thorndike, John Richard, A.B.,	7	IV	181 Marlboro St., Boston, Mass.
Thornton, Edmund Abiel,		I	
Thorp, Lambert,	7	v	7 Pearl St., Stoneham, Mass.
Thurlow Leavitt Wassa	8	III	512 Prospect Pl., Avond'le, Cinci., O.
Thurlow, Leavitt Weare,	-		58 Marlboro St., Newburyport, Mass.
Tillson, Percy Ethan,	6	VI	32 Carleton St., Providence, R. I.
Tobin, John Theodore,	8	I	43 East Newton St., Boston, Mass.

Name and Society	Class	Course	Home Address
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Todd, Robert Boardman,	8	X	171 Jackson St., Lawrence, Mass.
Tolman, George Edward, A.B.	. 6	VI	
Tomlinson, Everett Franklyn,	6		
Tompkins, Maurice Crawford, A		-	
Tompson, William Randall,			
Toppan, William Hervey,	78	Í	그는 그리면 아이들이 맛있다고 하지 않는데 모든 그리고 있다고 하는데 하게 하고 하는데 살아가 되었다.
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Torrey, Howard,	8		
Tower, Gilbert Sanders, A Y,	5		
Towle, Freeman Eugene,			
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Towle, Franklin Thompson,	0	1.1	그 수 있는데 가게 되었다. 이번 얼마나 아이를 하지만 하는데 이 그릇이 되었다.
Towne, Lillian May,		37	89 Surrey St., Brighton, Mass.
Tracy, William Alton, ΦΣ K,	E 6		2
Trask, Walter Haywood, Jr., Φ B		***	
Trauerman, Carl Joseph,	7	III	2
Tresnon, John Ewart,	7	V	그 그 그 그는 것이다 그는 아이는 현실을 하고 있다면 하지 않는데 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그
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Trowbridge, Arthur Townsend		5 I	
True, Albert Otis,	4	X	
True, Harold Edwin,	3	3 >	
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Tucker, Clarence Edward,		5 V	
Tuckerman, Louis,	. (
Tufts, William,	4	5	
Tully, Edward Joseph,	- 39	7	I 22 Chestnut Av., Jamaica Pl'n, Mass.
Tupper, Fred William, Jr.,		7	I 79 Chestnut St., East Orange, N. J.
Turkington, Everett Esten,		7 V	
Turnbull, William Fyfe,		6 I	
Turner, Channing, Δ Ψ,		8 I	
Turner, Douglas Bennett,		7 II	
Turner, Edgar A.,	- 1	8 1	
Turner, Le Baron, Φ B E,			I Geneva, Ill.
Turner, William Camillo,			I Trinidad, Cuba [Mass.
Tylee, Arthur Kellam,		7 V	
Upham, George William,		6 V	I 20 Atkinson St., Bellows Falls, Vt.
Urquidi, Juan Francisco,	e.		
Van Brunt, Charles, A.B.,	S_{F}		V Dedham, Mass.
Van der Stucken, Frank R.			I Cincinnati, Ohio
Van Hook, Franklin James,			I 40 Sherman St., Roxbury, Mass.
Varian, Jean Philip, ∑ A E,		6 II	A D D D D D D D D D D D D D D D D D D D
Varshnei, Ishmar Das,			X Aligarh, India
Vedder, James Randall,	Sp		
Venn, George James,		7 V	
Very, Samuel R. T.,			V 28 Mon'dn'ck Rd., N't'n C't'r, Mass.
Vinal, Leslie Thorning, A.B.	$, s_1$). I	X 9 Aldersey St., Somerville, Mass.

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			52 Broadway, New York, N. Y.
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Vose, Chester Andrew, Δ Σ Φ,	7 8	I	Marion, Mass.
Wade, Clifford Linwood,			290 Pleasant St., New Bedford, Mass.
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In Memoriam

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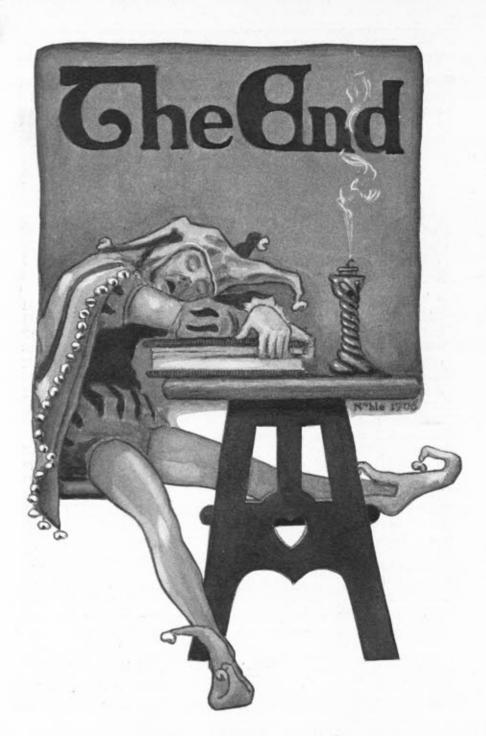
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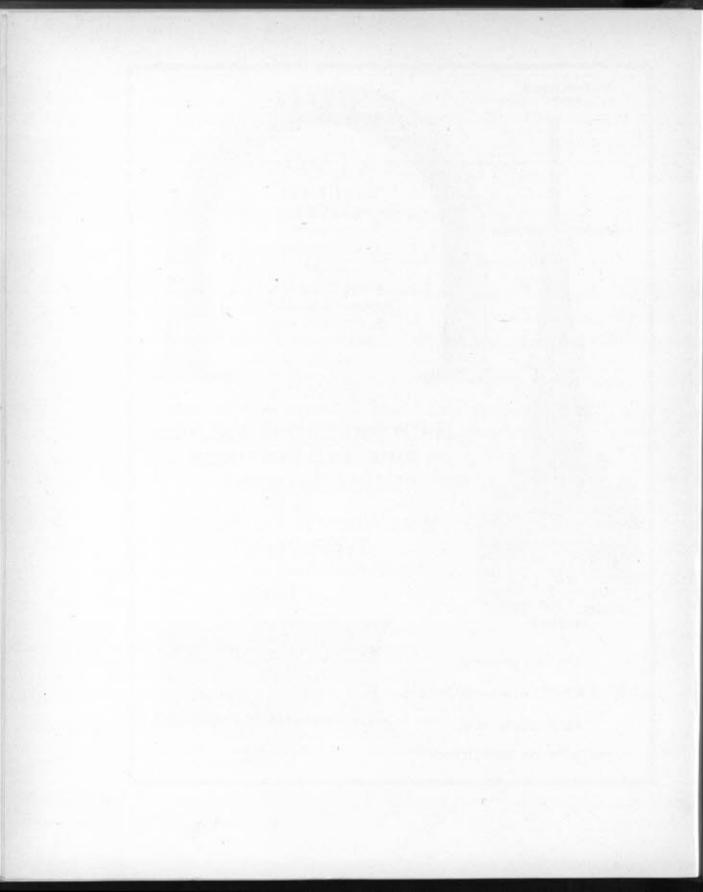
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FINISHING MACHINERY: Textile Finishing Machinery Co.

FIRE BRICK: Evens & Howard Fire Brick Co., St. Louis.

FLAGS: Bent & Bush, Boston.

FLORISTS: Thos. J. Galvin, Boston; Wm. E. Doyle, Boston; Fine Bros., Boston.

FOUNDRIES: Textile Finishing Machine Co., Providence, R. I.; Dodge Mfg. Co., Boston.

FOUNDRY EQUIPMENT: Millet Core Oven Co., Brightwood, Mass.

FOUNTAIN PENS: Conklin Pen Co., Toledo, Ohio; Adams, Cushing & Foster, Boston; L. E. Waterman Co., New York.

FORGINGS: National Tube Co., McKeesport, Pa.

FUEL ECONOMIZERS: Green Fuel Economizer Co., Matteawan, N. Y.

FURNISHING GOODS: T. H. Lane & Co., Boston; Walter H. Covell, Boston.

GAS AND GASOLINE ENGINES: Julian d'Este Co., Boston; Mackay Engineering Co., New York; The Otto Gas Engine Works, Boston.

GLUE: Baeder, Adamson & Co., Boston.

GRAPHITE: Joseph Dixon Crucible Co., Jersey City, N. J.

HARDWARE: Richards & Conover Hardware Co., Kansas City, Mo.; Russell & Erwin Mfg. Co., New Britain, Conn.; The Stanley Works, New Britain, Conn.

HEATING AND VENTILATING APPARATUS: Magee Furnace Co., Boston.

Hoists and Hoisting Engines: Rawson & Morrison Mfg. Co., Cambridgeport; Lidgerwood Mfg. Co., New York; American Hoist & Derrick Co., St. Paul, Minn.; Jeffrey Mfg. Co., Columbus, Ohio; Mead-Morrison Mfg. Co., Boston.

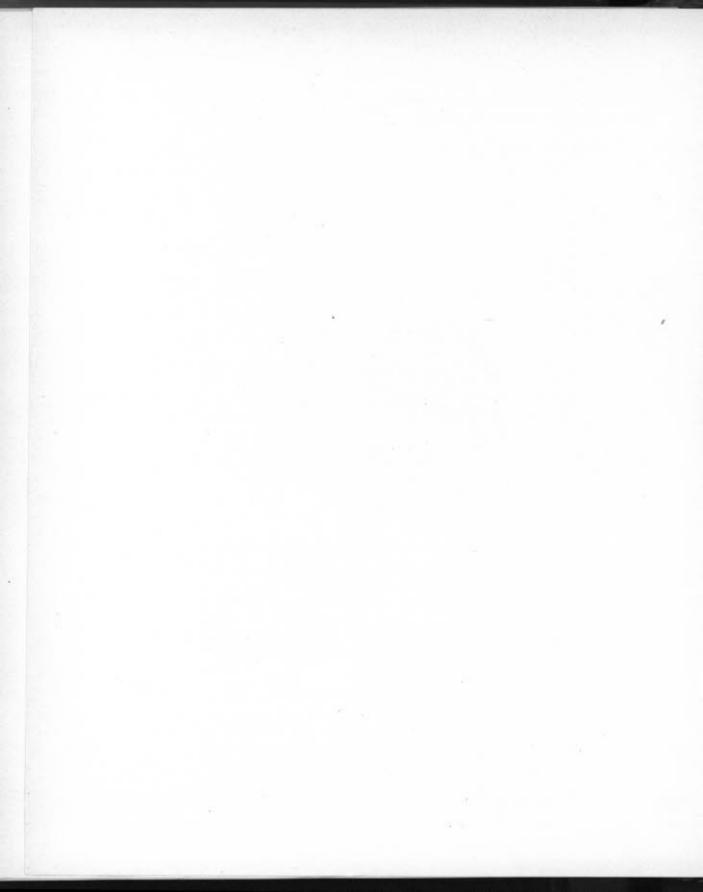
Hotels: Hotel Touraine, Boston; Parker House, Boston; Young's Hotel, Boston; Hotel Berkeley, Boston; Copley Square Hotel, Boston; Garrison Hall, Boston; Oxford Hotel, Boston.

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INSURANCE: Hartford Steam Boiler Inspection & Insurance Co., Hartford; Robert Boit, Boston.

JEWELERS: A. S. Adams, Boston; Bent & Bush, Boston; Frederick T. Widmer, Boston.

KEYS FOR SHAFTING: James H. Roberts, Boston.

LAMPS: Britelite Lamp Co., New York.

LATHES. (See Machine Shop Equipment.)

LATHE AND PLANER TOOLS: Armstrong Bros. Tool Co., Chicago.

LAUNDRIES: New England Towel & Coat Supply Co., Boston.

LOCOMOTIVES: Baldwin Locomotive Works, Philadelphia.

LUBRICATORS: The Lunkenheimer Co., Cincinnati, Ohio.

LUBRICATING OILS: Leonard & Ellis, Boston; Vacuum Oil Co., Rochester; Ellis-Chalmers Co., Dedham, Mass.

LUMBER: George W. Gale Lumber Co., Cambridge; Jos. Thomas & Son, Baltimore, Md.

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Machinists' Supplies: Walworth Mfg. Co., Boston; Morse Twist Drill & Machine Co., New Bedford, Mass.

MANUFACTURING CHEMISTS: Ellis-Chalmers Cc., Dedham, Mass.; Merrimac Chemical Co., Boston.

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METAL WORKERS: S. D. Hicks, Boston.

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PIPE: National Tube Co., Pittsburgh, Pa.; Walworth Mfg. Co., Boston.

PIPE CUTTING MACHINERY: Bignall & Keeler Mfg. Co., Edwardsville, Ill.

PLATINUM: Eimer & Amend, New York; J. Bishop & Co., Malvern, Pa.

PLUMBERS: J. F. Donlan, Boston.

PRINTING: Frank Wood, Boston; W. B. Libby, Boston; Geo. H. Ellis Co., Boston; Thomas Todd, Boston.

PUBLICATIONS: The Technology Review, Boston.

PULVERIZING MACHINERY: Bradley Pulverizer Co., Boston.

RAILROADS: Boston & Maine R. R.; Missouri Pacific Ry.; Chicago & Alton R. R.

REGISTERS: Hart & Cooley Co., New Britain, Conn.

ROPE: Samson Cordage Works, Boston; A. Leschen & Sons Rope Co., St. Louis.

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SEWER PIPE: Evens & Howard Fire Brick Co., St. Louis.

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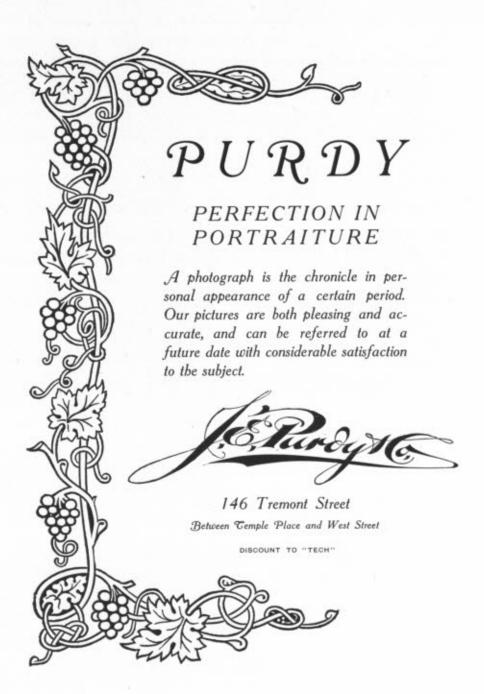
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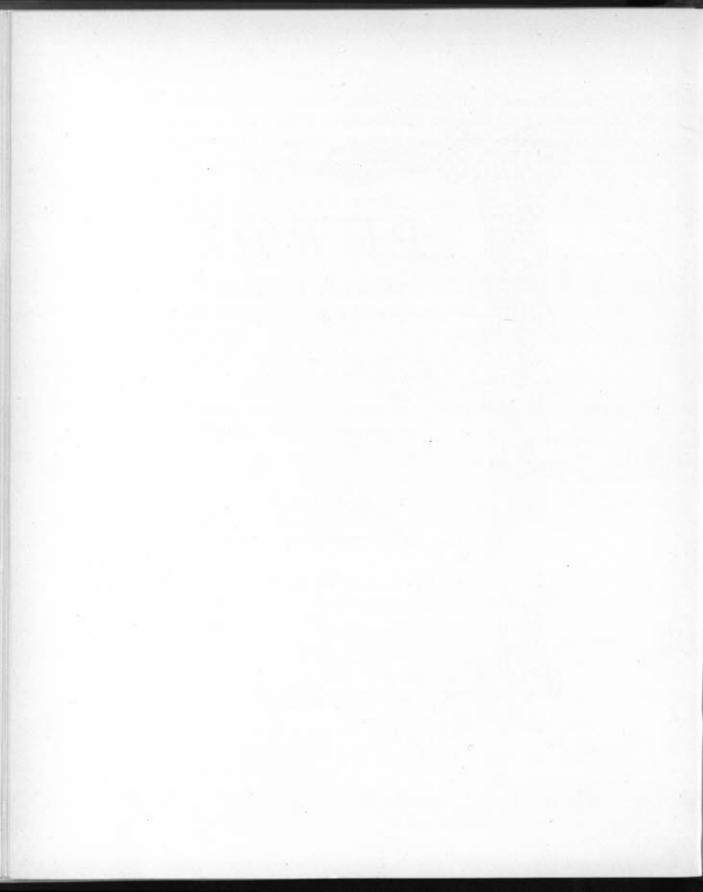
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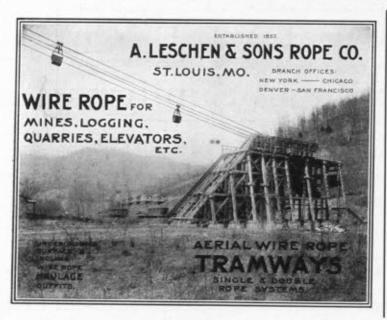
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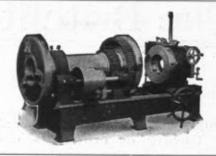
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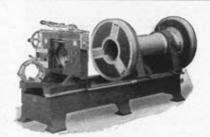
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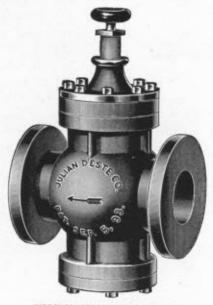
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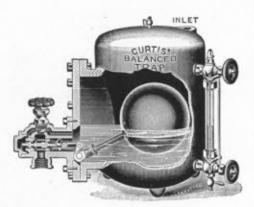


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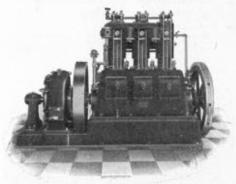
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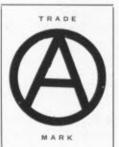


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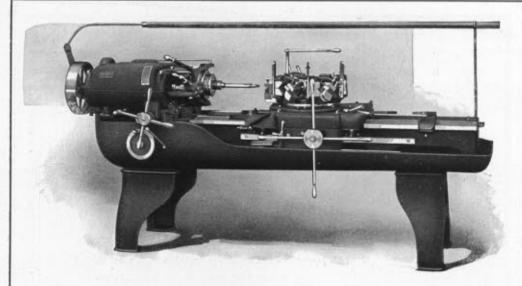
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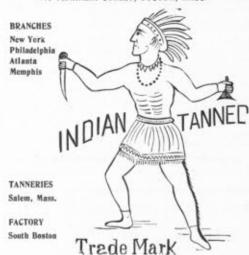
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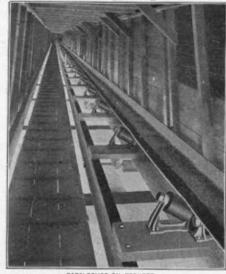
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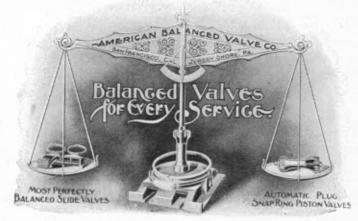
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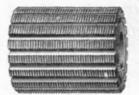
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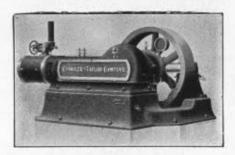
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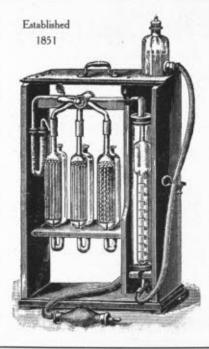
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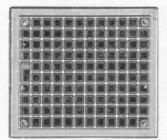
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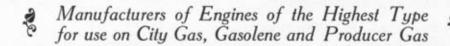
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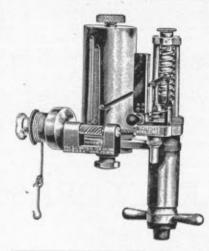
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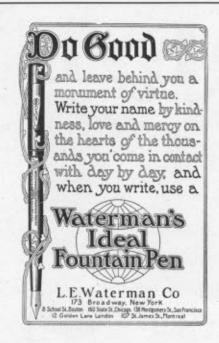
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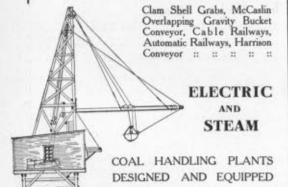
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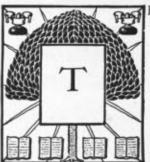
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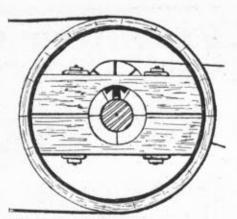
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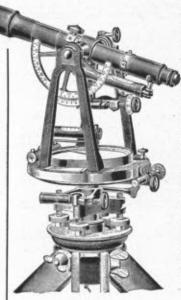
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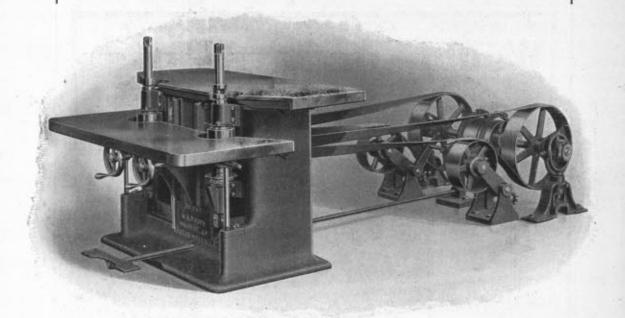
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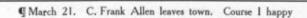
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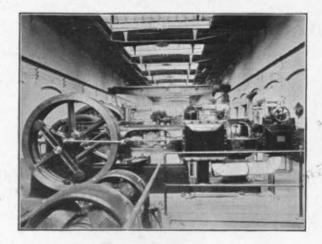
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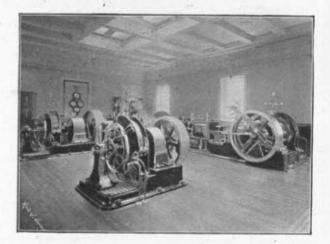
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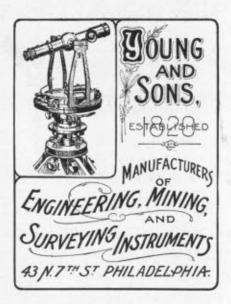


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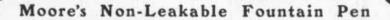


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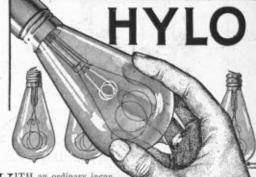


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